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# The



Registered at the General Post Office for transmission within East Africa as a

Newspaper

# Uganda Gazette

Published by Authority

Price: Shs. 5,000

#### Vol. CVII No. 9

#### 14th February, 2014

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General Notice No. 104 of 2014.

THE MARRIAGE ACT [Cap. 251 Revised Edition, 2000] NOTICE

[Under Section 5 of the Act]

#### PLACE FOR CELEBRATION OF MARRIAGE

IN EXERCISE of the powers conferred upon me by Section 5 of the Marriage Act, I hereby license the place of Public Worship mentioned in the Schedule hereto to be a place for celebration of marriages.

#### **SCHEDULE**

Church — Deliverance Church Makerere Hill

Denomination — Pentecostal

Place — Makerere Hill

Sub-County — Kawempe Division

County — Kyadondo District — Kampala

> HON. KAHINDA OTAFIIRE, MP/ Minister of Justice and Constitutional Affairs.

General Notice No. 105 of 2014.

THE ADVOCATES ACT, CAP. 267.

### NOTICE OF APPLICATION FOR A CERTIFICATE OF ELIGIBILITY.

IT IS HEREBY NOTIFIED that an application has been presented to the Law Council by Tukei Tony Igune who is stated to be a holder of a Bachelor of Laws Degree from Makerere University, Kampala, having been awarded on the 16th day of January, 2012 and a Diploma in Legal Practice awarded by the Law Development Centre on the 16th day of August, 2013, for the issuance of a Certificate of Eligibility for entry of his name on the Roll of Advocates for Uganda.

Kampala, 5th February, 2014. MARGARET APINY, Ag. Secretary, Law Council.

General Notice No. 106 of 2014.

THE ADVOCATES ACT, CAP. 267.

NOTICE OF APPLICATION FOR A CERTIFICATE

OF ELIGIBILITY.

IT IS HEREBY NOTIFIED that an application has been presented to the Law Council by Asiimwe Anthony who is stated to be a holder of a Bachelor of Laws Degree from Makerere University, Kampala, having been awarded on the 21st day of January, 2011 and a Diploma in Legal Practice awarded by the Law Development Centre on the 16th day of August, 2013, for the issuance of a Certificate of Eligibility for entry of his name on the Roll of Advocates for Uganda.

Kampala, 15th November, 2013.

MARGARET APINY, Ag. Secretary, Law Council.

General Notice No. 107 of 2014.

THE ADVOCATES ACT, CAP. 267.

### NOTICE OF APPLICATION FOR A CERTIFICATE OF ELIGIBILITY.

IT IS HEREBY NOTIFIED that an application has been presented to the Law Council by Balwanyi Henry Magino who is stated to be a holder of a Bachelor of Laws Degree from Makerere University, Kampala, having been awarded on the 22nd day of January, 2010 and a Diploma in Legal Practice awarded by the Law Development Centre on the 16th day of August, 2013, for the issuance of a Certificate of Eligibility for entry of his name on the Roll of Advocates for Uganda.

Kampala,

MARGARET APINY.

5th February, 2014.

Ag. Secretary, Law Council.

General Notice No. 108 of 2014.

THE ADVOCATES ACT, CAP. 267.

### NOTICE OF APPLICATION FOR A CERTIFICATE OF ELIGIBILITY.

It is hereby notified that an application has been presented to the Law Council by Tinuoye Funso who is stated to be a holder of a Bachelor of Laws Degree from Uganda Christian University, Mukono, having been awarded on the 29th day of October, 2010 and a Diploma in Legal Practice awarded by the Law Development Centre on the 27th day of July, 2012, for the issuance of a Certificate of Eligibility for entry of his name on the Roll of Advocates for Uganda.

Kampala, 5th February, 2014. MARGARET APINY,

Ag. Secretary, Law Council.

General Notice No. 109 of 2014.

THE COMPANIES ACT, LAWS OF UGANDA, 2000.

(Cap. 110). NOTICE.

PURSUANT to Section 343(3) of the Companies Act, (Cap. 1.10) Laws of Uganda, 2000, notice is hereby given that unless cause is shown to the contrary, the name of the following company will be struck off the Register after the expiration of three months from the date of publication of this Notice.

#### WORLD WIDE FUND FOR NATURE LIMITED

Dated at Kampala, this 7th day of February, 2014.

RUTA DARIUS, Assistant Registrar of Companies.

General Notice No. 110 of 2014.

THE COMPANIES ACT, LAWS OF UGANDA, 2000. (Cap. 110).

NOTICE.

PURSUANT to Section 343(3) of the Companies Act, (Cap. 110) Laws of Uganda, 2000, notice is hereby given that unless cause is shown to the contrary, the name of the following company will be struck off the Register after the expiration of three months from the date of publication of this Notice.

#### **ZOE INK LIMITED**

Dated at Kampala, this 11th day of November, 2013.

RUTA DARIUS, Assistant Registrar of Companies.

General Notice No. 111 of 2014.

THE COMPANIES ACT, LAWS OF UGANDA, 2000. (Cap. 110).

NOTICE.

Pursuant to Section 19(4) of the Companies Act, (Cap. 110) Laws of Uganda, 2000, notice is hereby given that Consult Limited has been by a special resolution passed on the 5th day of January, 2014 and with the approval of the Registrar of Companies, changed in name to Clak Consults (U) Limited and that such new name has been entered in my Register.

Dated at Kampala, this 10th day of February, 2014.

WILLIAM DRAKU,

Assistant Registrar of Companies.

General Notice No. 112 of 2014.

THE COMPANIES ACT, LAWS OF UGANDA, 2000.
(Cap. 110).

NOTICE.

Pursuant to Section 19(4) of the Companies Act, (Cap. 110) Laws of Uganda, 2000, notice is hereby given that Isabella Pool Club Limited has been by a special resolution passed on the 7th day of January, 2014 and with the approval of the Registrar of Companies, changed in name to Gal's Sports Club Limited and that such new name has been entered in my Register.

Dated at Kampala, this 10th day of January, 2014.

ANAGO JACQUELINE, Assistant Registrar of Companies.

General Notice No. 113 of 2014.

THE COMPANIES ACT, LAWS OF UGANDA, 2000.

(Cap. 110).

NOTICE.

Pursuant to Section 19(4) of the Companies Act, (Cap. 110) Laws of Uganda, 2000, notice is hereby given that East Africa Electrical Manufacturing Limited has been by a special resolution passed on the 7th day of November, 2013 and with the approval of the Registrar of Companies, changed in name to Afri Packaging Limited and that such new name has been entered in my Register.

Dated at Kampala, this 25th day of November, 2013.

ANAGO JACQUELINE, Assistant Registrar of Companies.

General Notice No. 114 of 2014.

THE COMPANIES ACT, LAWS OF UGANDA, 2000.

(Cap. 110).

NOTICE.

Pursuant to Section 19(4) of the Companies Act, (Cap. 110) Laws of Uganda, 2000, notice is hereby given that SBN Davie Services Limited has been by a special resolution passed on the 4th day of August, 2013 and with the approval of the Registrar of Companies, changed in name to Accura Limited and that such new name has been entered in my Register.

Dated at Kampala, this 23rd day of October, 2013.

BAHIZI SYLVIA, Assistant Registrar of Companies.

General Notice No. 115 of 2014.

THE TRADE MARKS ACT.
(Cap. 83).
NOTICE.

NOTICE IS HEREBY GIVEN that any person who has grounds to oppose the registration of any of the marks advertised herein may within sixty days from the date of this Gazette, lodge a Notice of opposition on Trade Mark Form No. 6 together with a fee of Shs. 4000 in case of National applicants or USS 250 in case of Foreign applicants. The period of lodging Notice of opposition may be extended in suitable cases by the Registrar as he thinks fit upon such terms as he may direct. Formal opposition should not be lodged until after reasonable notice has been given by letter to the applicant so that he may have an opportunity to with draw his application before the expense of opposition proceedings is incurred. Failure to give such notice will be taken into account in considering any application by the opponent for an order for costs if the opposition is uncontested by the applicant. Representations of the marks herein advertised can be inspected at the office of the Registrar of Trade Marks, Georgian House, Plot No. 5B George Street, P.O. Box 6848, Kampala.

(541) Representation of Mark

### **BOY CUT**

- (210) APPLICATION No. 2013/47490 IN PART "A".
- (220) Date of filing application—17th May, 2013.
- (310) (320) (330) Priority Claim
- (510) Nature of goods/services— Weaves, Braids, Hair Additions and Extensions.
- (511) Class: 26
- (526) Disclaimer
- (591) Restriction to Colours
- (646) Association
- (731) Name of applicant and Address—SCD (U) Limited, Plot 862/64/65/1556, Jinja Road, P.O. Box 29722, Kampala, Uganda.
- (740) Address for Agent/Representative
- (750) Address for Service— SCD (U) Limited, Plot 862/64/65/1556, Jinja Road, P.O. Box 29722, Kampala, Uganda.

Kampala, 14th June, 2013.

JULIET NASSUNA, Registrar of Trademarks.

(541) Representation of Mark

### **MICHELLE**

- (210) APPLICATION No. 2013/47491 IN PART "A".
- (220) Date of filing application—17th May, 2013.
- (310) (320) (330) Priority Claim
- (510) Nature of goods/services— Weaves, Braids, Hair Additions and Extensions.
- (511) Class: 26
- (526) Disclaimer
- (591) Restriction to Colours
- (646) Association
- (731) Name of applicant and Address— SCD (U) Limited, Namanve Industrial Area, Jinja Road, Bweyogerere, P.O. Box 29722, Kampala, Uganda.
- (740) Address for Agent/Representative
- (750) Address for Service— SCD (U) Limited, Namanve Industrial Area, Jinja Road, Bweyogerere, P.O. Box 29722, Kampala, Uganda.

Kampala, MERCY KYOMUGASHO KAINOBWISHO, 14th June, 2013. *Registrar of Trademarks.* 

(541) Representation of Mark

### KARIBU

- (210) APPLICATION NO. 2013/48212 IN PART "A".
- (220) Date of filing application—11th September, 2013.
- (310) (320) (330) Priority Claim
- (510) Nature of goods/services— Weaves, Braids, Hair Additions and Extensions.
- (511) Class: 26
- (526) Disclaimer
- (591) Restriction to Colours
- (646) Association
- (731) Name of applicant and Address—SCD (U) Limited, 5th Str. Industrial Area, Madhvani Complex, P.O. Box 29722, Kampala, Uganda.
- (740) Address for Agent/Representative
- (750) Address for Service— SCD (U) Limited, 5th Str. Industrial Area, Madhvani Complex, P.O. Box 29722, Kampala, Uganda.

Kampala, 14th October, 2013. AGABA GILBERT, Registrar of Trademarks.

#### **ADVERTISEMENTS**

THE REGISTRATION OF TITLES ACT.

(Cap. 230).

NOTICE.

ISSUE OF SPECIAL CERTIFICATE OF TITLE.

Bulemezi Block 205, Plots 10, 12, 29, Measuring 11.85

Hectares, Land at Nakikonge and Bugayo Estate.

NOTICE IS HEREBY GIVEN that after the expiration of one month from the publication hereof, I intend to issue in the names of Elifazi Kizito, a Special Certificate of Title, under the above Block and Plots, the duplicate Certificate of Title which was originally issued having been lost.

Bukalasa, · 10th January, 2014.

NABUKEERA MADINAH, Registrar of Titles—Bukalasa.

THE REGISTRATION OF TITLES ACT.

(Cap. 230).

NOTICE.

ISSUE OF SPECIAL CERTIFICATE OF TITLE.

Bulemezi Block 190, Plots 35, 36, Measuring 4.674

Hectares, Land at Buligwe Estate.

NOTICE IS HEREBY GIVEN that after the expiration of one month from the publication hereof, I intend to issue in the names Hajji Hussein Seguya Kayimba Yimba, a Special Certificate of Title, under the above Block and Plots, the duplicate Certificate of Title which was originally issued having been lost.

Bukalasa,

NABUKEERA MADINAH,

10th January, 2014.

Registrar of Titles—Bukalasa.

#### THE REGISTRATION OF TITLES ACT.

(Cap. 230).

NOTICE.

ISSUE OF SPECIAL CERTIFICATE OF TITLE. Makindye Division Block 244, Plot No. 7162, Land at Kisugu.

NOTICE IS HEREBY GIVEN that after the expiration of one month from the publication hereof, I intend to issue in the names of Abdul Kasule of P.O.Box 27217, a Special Certificate, the Title which was originally issued having been lost.

Kampala,

YUSUF KAKEREWE,

7th February, 2014.

for Commissioner of Land Registration.

THE REGISTRATION OF TITLES ACT.

(Cap. 230).

NOTICE.

ISSUE OF SPECIAL CERTIFICATE OF TITLE.

Rubaga Division Block 18, Plot No. 251.

NOTICE IS HEREBY GIVEN that after the expiration of one month from the publication hereof, I intend to issue in the names of Joseph Musoke, a Special Certificate, the Title which was originally issued having been lost.

Kampala,

KARUHANGA JOHN,

9th January, 2014.

for Commissioner of Land Registration.

THE REGISTRATION OF TITLES ACT.

(Cap. 230).

NOTICE.

ISSUE OF SPECIAL CERTIFICATE OF TITLE.

Kabula Block 78, Plot No. 51, Land at Kagogo.

NOTICE IS HEREBY GIVEN that after the expiration of one month from the publication hereof, I intend to issue in the names of Amisi Kyeyune of P.O. Box 3510, a Special Certificate, the Title which was originally issued having been lost.

Kampala, 5th February, 2014. GALIWANGO HERMAN NSUBUGA, for Commissioner of Land Registration.

THE REGISTRATION OF TITLES ACT.

(Cap. 230).

NOTICE.

ISSUE OF SPECIAL CERTIFICATE OF TITLE.

Busiro Block 173, Plot No. 5, Land at Bujuko.

NOTICE IS HEREBY GIVEN that after the expiration of one month from the publication hereof, I intend to issue in the names of Lwanga Godfrey and Namaganda Constantine, Nankya Janet all of P.O. Box Bujuuko, Administrator and Administratrixes of the Estate of the Late Kezekiya Kibuka, Administration Cause No. 1271/2012 of 22/07/2013, a Special Certificate, the Title which was originally issued having been lost.

Kampala,

DDAMULIRA AHMED,

5th February, 2014.

for Commissioner of Land Registration.

#### **DEED POLL**



THIS DEED, I, the undersigned NINSIIMA NISHA MUDEMUKI of P.O. Box 22503, Kampala, Resident of Naguru Remand Home II Zone, Naguru Go Down Drive Road, do hereby ABSOLUTELY RENOUNCE and ABANDON the use of my **NINSIIMA** original name NISHA MUDEMUKI and in lieu thereof assume as from the date

the assumed name NISHA LEMY.

AND I hereby declare that 1 shall at all times hereafter in all records, deeds and instruments in writing, and in all actions and proceedings, and in all dealings and transactions, and upon all occasions whatsoever, use and sign my name as NISHA LEMY.

AND I hereby authorize and request all persons to designate, describe and address me by such assumed name of NISHA LEMY only.

IN WITNESS whereof, I have hereunder signed my name as NISHA LEMY and also my original name of NINSIIMA NISHA MUDEMUKI, and have set my hand and seal this 7th day of February, 2014.

SIGNED, SEALED and DELIVERED by the above-named

NINSIIMA NISHA MUDEMUKI)

to be known as NISHA LEMY

IN THE MATTER OF BIRTHS AND DEATHS REGISTRATION ACT, CAP. 309

AND

IN THE MATTER OF THE OATHS ACT, CAP. 19 AND

IN THE MATTER OF A DEED POLL FOR MWANAHEBWA SANGO AMISI

**DEED POLL** 



KNOW YEE ALL MEN AND WOMEN by these presents which are intended to be registered with the Registrar of Document in Uganda that I, **MWANAHEBWA** SANGO AMISI, of C/o P.O. Box 28597, Kampala, Uganda, who was formerly known by the name of **MWANAHEWA** SANGO

AMISI, which name has been used in reference to myself, do hereby on behalf of myself formerly and wholly or absolutely renounce, relinquish, abandon and discontinue the use of my former name of MWANAHEWA SANGO AMISI, and in lieu and place thereof substitute, assume and adopt the name of MWANAHEBWA SANGO AMISI from the date hereof, and shall thereafter be called, referred to, known, distinguished and designed by my true name of MWANAHEBWA SANGO AMISI.

And I therefore, assume, adopt and/or declare my proper full name to be MWANAHEBWA SANGO AMISI, and for the purpose of evidencing such assumptions of my name, I hereby declare that I shall at all times herein after in all records, deeds, documents and other writings, in all acts, suits and proceedings, as well as in all dealings and transaction. Public or private matters, and upon all occasions whatsoever, use and sign the said name of MWANAHEBWA SANGO AMISI in lieu of and in substitution of my former name of MWANAHEWA SANGO AMISI.

AND I therefore, hereby expressly authorize and request all persons whomsoever at all times thereafter to designate, describe, address and refer to me by my said rightful name of MWANAHEBWA SANGO AMISI.

IN WITNESS WHEREFORE, I have subscribed my proper/adopted the name of MWANAHEBWA SANGO AMISI this 4th day of February, 2014.

SIGNED at Kampala named by the above MWANAHEBWA SANGO AMISI

### STATUTORY INSTRUMENTS SUPPLEMENT No. 3

14th February, 2014

#### STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated 14th February, 2014 Printed by UPPC, Entebbe, by Order of the Government.

#### S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 6.

## THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS REGULATIONS, 2014.

#### ARRANGEMENT OF REGULATIONS

#### Regulation

- 1. Title and Commencement.
- 2. Interpretation.
- 3. Action on recommendations by the Authority.
- 4. Procedure for transfer of procurement and disposal function.
- 5. Exercise of powers of Board to acquire property, borrow etc.
- 6. Delegation of functions and powers of the Board.
- 7. Procurement and disposal by the Authority.
- 8. Registration of providers.
- 9. Registered providers to notify of any changes in circumstances.
- 10. Deviation from use of standard documents.
- 11. Accreditation of alternative public procurement and disposal systems.
- 12. Suspension of providers by the Authority.
- 13. Recommendations to suspend provider.
- 14. Investigations by the Authority.
- 15. Appeal against suspension.
- 16. Website and notice board of the Authority.
- 17. Revocation of SI No. 70 of 2003.

#### S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 6.

# The Public Procurement and Disposal of Public Assets Regulations, 2014.

(Made under section 96(1) of the Public Procurement and Disposal of Public Assets Act, 2003)

IN EXERCISE of the powers conferred upon the Minister responsible for finance by section 96(1) of the Public Procurement and Disposal of Public Assets Act, 2003, on the recommendation of the Authority and with the approval of Parliament, these Regulations are made, this 6th day of February, 2014.

#### 1. Title and Commencement.

- (1) These Regulations may be cited as the Public Procurement and Disposal of Public Assets Regulations, 2014.
- (2) These Regulations shall come into force on the 3rd day of March, 2014.

#### 2. Interpretation.

In these Regulations, unless the context otherwise requires—

- "Act" means the Public Procurement and Disposal of Public Assets Act, 2003;
- "competent authority" means a Government office which has the mandate to perform a specified function;
- "third party procurement agency" includes a procuring and disposing entity.

#### 3. Action on recommendations by the Authority.

(1) Where as a result of persistent or serious breach of the Act or regulations made under the Act, the Authority carries out an investigation and makes a recommendation to a competent authority in respect of the investigation, the competent authority shall, in writing, respond to the recommendation of the Authority, within twenty working days from the date of receipt of the recommendation of the Authority.

- (2) The competent authority shall in the response indicate the action to be taken.
- (3) Where a competent authority disagrees with a recommendation of the Authority, the competent authority shall state—
  - (a) the recommendation with which it disagrees;
  - (b) the reason for the disagreement; and
  - (c) the alternative recommendation proposed, if any.

#### 4. Procedure for transfer of procurement and disposal function.

- (1) Where, as a result of persistent or serious breach of the Act, or regulations or guidelines made under the Act, the Authority makes a recommendation to a competent authority to transfer temporarily, a procurement and disposal function of a procuring and disposing entity to a third party procurement agency, the Authority shall state—
  - (a) the third party procurement agency to which the function is to be transferred;
  - (b) the functions and powers to be transferred;
  - (c) the duration of the transfer; and
  - (d) the conditions to be fulfilled before the procurement and disposal function is given back to the procuring and disposing entity.
- (2) The accounting officer of the procuring and disposing entity whose procurement and disposal function is to be transferred temporarily to a third party agency shall in writing state—
  - (a) the functions to be transferred, which shall be the function recommended by the Authority;
  - (b) the mechanisms for the implementation of the procurement or disposal function to be transferred;

- (c) the reporting and monitoring procedures and responsibilities;
- (d) any limitations or exceptions to the transfer; and
- (e) the costs to be paid, if any.

#### 5. Exercise of powers of Board to acquire property, borrow etc.

- (1) The Authority shall only acquire or dispose of property or borrow money on the authority of a written resolution of the Board.
- (2) A resolution of the Board shall not be valid unless it is signed by the Chairperson and the Executive Director and is sealed with the seal of the Authority.

#### 6. Delegation of functions and powers of the Board.

- (1) Where the Board delegates any of its functions or powers in accordance with section 15A of the Act, the instrument of delegation shall state—
  - (a) the delegated functions or powers;
  - (b) the person to whom the delegation is made;
  - (c) the date of commencement of the delegation;
  - (d) the duration of the delegation, which may be a specified period of time or an unspecified period of time;
  - (e) the limitations or exceptions to the delegation, if any;
  - (f) the requirements for reporting on the execution of the delegated functions or powers; and
  - (g) that the delegation may, by written notice of the Board be revoked at any time.
- (2) Where any person wishes to appeal to the Board against a decision made under a delegation of functions or powers, the person shall, within fifteen working days from the date of the communication of the decision, submit a written appeal to the Chairperson.

#### 7. Procurement and disposal by the Authority.

- (1) For the purposes of appointing an agent to carry out the procurement and disposal activities of the Authority under section 25 (2) of the Act, the Secretary to the Treasury shall use the Contracts Committee and the Procurement and Disposal Unit of the Ministry responsible for finance to procure the agent.
- (2) The Authority shall be responsible for the contract management of a procurement, once a contract is placed.

#### 8. Registration of providers.

- (1) The registration of providers shall be open to all qualified providers and shall be continuous.
- (2) The Authority shall consider an application for registration within fifteen working days of receipt of the application.
  - (3) The Authority shall—
  - (a) from time-to-time, publish a notice calling for the registration of providers;
  - (b) in the notice in paragraph (a), state the procedure and criteria for registration; and
  - (c) make available to the providers, the registration forms.
- (4) The registration forms shall describe the rules, procedures and process of registration, and the classification and disciplining of providers.
- (5) The Authority shall in registering providers for works, services and supplies, classify the providers using the following criteria—
  - (a) the size of the provider, including the physical and financial capacity of the provider;

- (b) the core operational area of the provider indicating the disciplines or codes;
- (c) the performance track record of the provider;
- (d) the certificate of compliance of the provider in respect of national, regional or international quality standards in the relevant disciplines or codes, where necessary; and
- (e) the ownership or control of the provider.
- (6) The register of providers shall, in respect of each provider indicate—
  - (a) the qualifications of the provider;
  - (b) the physical and financial capacity of the provider;
  - (c) the core areas of operation and the disciplines of the provider;
  - (d) where applicable, the performance record of the provider;
  - (e) the ownership and control of the provider, including the names of the directors of the provider; and
  - (f) whether a provider is suspended or was previously suspended, by the Authority, from engaging in any public procurement or disposal process.
- (7) The Authority shall for each registration give the provider a certificate of registration which shall indicate the reference of the registration.
- (8) Where the Authority rejects an application for registration, the Authority shall within the time prescribed in subregulation (2), inform the applicant of the decision of the Authority and the reasons for the decision.

(9) The applicant whose application for registration is rejected may submit another application for registration.

#### 9. Registered providers to notify of any changes in circumstances.

- (1) A provider who is registered by the Authority under regulation 8, shall within ten days of any material change in the circumstances or details relating to the registration, inform the Authority of the change.
- (2) Where a provider fails to notify the Authority of a change in the circumstances or details relating to the registration, the Authority may remove the name of the provider from the register.
- (3) Where the Authority removes the name of a provider from the register, the provider shall be notified accordingly.
- (4) A person whose name is removed from the register of providers may submit a new application for registration.

#### 10. Deviation from use of standard documents.

- (1) A procuring and disposing entity may, where the standard bidding documents, procedural forms or any other attendant documents are not suitable for a procurement or disposal process, apply to the Authority, in writing, for approval to deviate from the use of these documents.
- (2) The Authority shall, in respect of the application made under subregulation(1), issue its decision within ten working days of the receipt of the application.

#### (3) The Authority may—

- (a) approve the application for deviation without modifications or conditions;
- (b) approve the application for deviation with modifications or conditions; or

- (c) reject an application for deviation.
- (4) Where the Authority approves an application for deviation, the Authority shall state whether the approval is for a single procurement or disposal requirement or for a number of procurement or disposal requirements.
- (5) Where the approval is for a number of procurement or disposal requirements, the Authority shall state the duration of the deviation, the maximum value of the deviation and the limitations of the deviation, if any, and the circumstances or conditions for using the alternative document.
- (6) Where the Authority rejects an application, the Authority shall state the reasons for rejecting the application.
- (7) The Authority may, where it considers it appropriate, adopt an alternative bidding document, alternative procedural form or other alternative attendant document as a standard bidding document, procedural form or other attendant document.

# 11. Accreditation of alternative public procurement and disposal systems.

- (1) A procuring and disposing entity which is not able to comply with a particular procurement procedure or disposal procedure required under the Act, shall, in writing, apply to the Authority for accreditation of an alternative procurement system or alternative disposal system, as the case may be.
- (2) The Authority shall issue its decision within twenty working days of the receipt of the application.
  - (3) The Authority may—
  - (a) accept the application for accreditation without modifications to the proposed alternative system;

- (b) approve the application for accreditation, subject to modifications to the proposed alternative system; or
- (c) reject an application for accreditation of an alternative system.
- (4) Where the Authority approves an application for accreditation, subject to modifications to the proposed alternative system or where the Authority rejects an application for accreditation, the Authority shall state the reasons for this.
- (5) The Authority shall monitor the operation of the alternative system and shall, where appropriate, make modifications to the alternative system or withdraw the accreditation.
- (6) The alternative accredited procurement or disposal system shall—
  - (a) comply with the basic principles of public procurement and disposal in Part IV of the Act; and
  - (b) except for the procedure the procuring and disposing entity cannot comply with, comply with all other provisions of the Act, Regulations and guidelines made under the Act and standard solicitation documents.

#### 12. Suspension of providers by the Authority.

- (1) The Authority may on the recommendation of a procuring and disposing entity or after investigations at its own initiative, suspend a provider from engaging in any public procurement or disposal process, for a period determined by the Authority.
- (2) The suspension shall be communicated to the provider, by a written notice and may be with conditions, as may be imposed by the Authority.
  - (3) The notice under subregulation (2) shall state—

- (a) that the provider is excluded from participating in any public procurement or disposal proceedings for the period of the suspension;
- (b) the reasons for the suspension; and
- (c) the duration of the suspension.
- (4) Suspension shall not relieve the suspended provider of the obligations under a contract entered into by the suspended provider with a procuring and disposing entity, before the suspension.
- (5) Suspension of a provider shall apply to the successor in interest of the provider.
  - (6) The Authority shall on suspending a provider, immediately—
  - (a) place the provider on the list of suspended providers of the Authority; and
  - (b) inform all the procuring and disposing entities of the suspension.
- (7) Where suspension is recommended on the grounds that a provider is debarred by an international agency of which Uganda is a member in accordance with section 94(b) of the Act, the Authority shall debar the provider for the same period and under the same conditions as the international agency.
  - (8) A procuring and disposing entity shall not—
  - (a) award a contract to a suspended provider; or
  - (b) enter into any other dealing or communication with a suspended provider, except in respect of a contract awarded before the suspension of the provider.

- (9) After the expiry of the period of a suspension, a provider may in writing, apply to the Authority, to be removed from the list of suspended providers.
- (10) The Authority shall within fifteen working days of the receipt of the application made under subregulation (9), remove the provider from the list of suspended providers.
- (11) "Successor in interest" in subregulation (5) includes a person registered as a provider who is similar to the suspended provider or who employs, or is associated with a partner, member, officer, director, responsible managing officer, or responsible managing employee, of the suspended provider.

#### 13. Recommendations to suspend provider.

- (1) A recommendation by a procuring and disposing entity to suspend a provider under regulation 12 (1), shall be in writing and shall indicate—
  - (a) the name of the provider;
  - (b) the grounds for the recommendation to suspend the provider;
  - (c) the procurement or disposal proceedings or contract to which the recommendation relates;
  - (d) the documentary or other evidence supporting the recommendation; and
  - (e) any other information relevant to the recommendation.
- (2) Where the recommendation results from an investigation by a competent authority or a suspension by an international agency of which Uganda is a member, the procuring and disposing entity shall submit the report by the competent authority or the decision by the international agency.

#### 14. Investigations by the Authority.

- (1) Upon receipt of a recommendation to suspend a provider, the Authority shall immediately—
  - (a) notify the provider, giving full details of the recommendation and invite the provider to submit information or evidence in defence; and
  - (b) institute an investigation.
- (2) Notwithstanding subregulation (1) (b), the Authority may suspend a provider without conducting investigations, where a recommendation for suspension is a result of an investigation conducted by a competent authority or suspension by an international agency of which Uganda is a member.
- (3) In investigating the complaint, the Authority shall consider, as appropriate—
  - (a) the information contained in the recommendation;
  - (b) the information provided by the procuring and disposing entity which makes a recommendation for suspension;
  - (c) the information provided by the procuring and disposing entity responsible for the relevant procurement or disposal;
  - (d) any information submitted by a provider; and
  - (e) any other relevant information.
- (4) A provider who is the subject of a recommendation for suspension, shall be permitted to submit evidence—
  - (a) in person or through a representative;
  - (b) through presentation of witnesses; or
  - (c) in writing.

- (5) The Authority shall issue its decision on a recommendation to suspend a provider, in writing, within twenty one working days from the date of receipt of the recommendation.
- (6) A decision made under this regulation shall indicate whether the recommendation for suspension is upheld or rejected, the reasons for the decision and details of the suspension, where imposed.

#### 15. Appeal against suspension.

A provider who is suspended by the Authority, or who alleges that the Authority has a conflict of interest in respect of a recommendation for suspension and who believes that that the matter cannot be handled impartially by the Authority, may appeal to the Tribunal for a determination of the allegation and where necessary, for the determination of the suspension.

#### 16. Website and notice board of the Authority.

- (1) The Authority shall provide the following information to the public—
  - (a) a list of the legislation on public procurement and disposal of public assets;
  - (b) the public assets sold to public officers;
  - (c) the practices in public procurement and disposal of public assets;
  - (d) the procurement budgets of the procuring and disposing entities;
  - (e) a list of the standard forms issued by the Authority;
  - (f) a list of the solicitation documents issued by the Authority;
  - (g) a list of the specification standards issued by the Authority;

- (h) a list of the deviations from the use of standard documents approved by the Authority;
- (i) details of the administrative reviews by the procuring and disposing entities and by the Authority;
- (j) reports of the procurement audits and investigations conducted by the Authority;
- (k) a list of the providers who are registered by the Authority;
- (l) a list of the providers who are suspended by the Authority;
- (m) a list of the works, services and supplies used in common by two or more procuring and disposing entities;
- (n) a list of the available public procurement courses;
- (o) a list of training institutions from which accredited training in public procurement and disposal of public assets may be obtained:
- (p) information on the procedure for registration of providers and the procedure for updating registrations;
- (q) the annual report of the Authority; and
- (r) any other information which may be of interest to the public.
- (2) The information in subregulation (1) shall be displayed on the notice board or website of the Authority.
- (3) The Authority shall position the notice board in subregulation (2) at a conspicuous location, within its premises, which is freely accessible to members of the public.

#### 17. Revocation of SI No. 70 of 2003

The Public Procurement and Disposal of Public Assets Regulations, 2003 are revoked.

MARIA KIWANUKA,

Minister of Finance, Planning and Economic Development.

### STATUTORY INSTRUMENTS SUPPLEMENT No. 3

14th February, 2014

#### STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated 14th February, 2014 Printed by UPPC, Entebbe, by Order of the Government.

#### S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 7.

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS (PROCURING AND DISPOSING ENTITIES) REGULATIONS, 2014.

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#### **SCHEDULE**

- Form 1- Letter of Appointment to the Contracts Committee
- Form 2 Monthly Report on Procurement
- Form 3 Delegation of Procurement Functions by Accounting Officer
- Form 4 Delegation of Disposal Functions by Accounting Officer

#### S T A T U T O R Y I N S T R U M E N T S 2014 No. 7.

# The Public Procurement and Disposal of Public Assets (Procuring and Disposing Entities) Regulations, 2014.

(Made under section 96(1) of the Public Procurement and Disposal of Public Assets Act, 2003, Act No 1 of 2003).

In EXERCISE of the powers conferred upon the Minister responsible for finance by section 96(1) of the Public Procurement and Disposal of Public Assets Act, 2003, on the recommendation of the Authority and with the approval of Parliament, these Regulations are made, this 6th day of February, 2014.

#### 1. Title and commencement.

- (1) These Regulations may be cited as the Public Procurement and Disposal of Public Assets (Procuring and Disposing Entities) Regulations, 2014.
- (2) These Regulations shall come into force on the 3rd day of March, 2014.

#### 2. Interpretation.

In these Regulations, unless the context otherwise requires—

"Act" means the Public Procurement and Disposal of Public Assets Act, 2003.

#### 3. Annual procurement plan of procuring and disposing entity.

- (1) The procurement and disposal unit shall for each financial year, prepare an annual procurement plan for the procuring and disposing entity using the procurement plans of the user departments.
- (2) For the purposes of subregulation (1), a user department shall, based on the approved budget of the procuring and disposing entity, prepare the procurement plan for the user department, and submit it to the procurement and disposing unit.

- (3) A user department shall promptly notify the procurement and disposal unit of any change in the procurement plan of the user department.
- (4) The annual procurement plan and any updates to it shall be approved by the Contracts Committee.

#### 4. Contents of annual procurement plan.

The annual procurement plan of a procuring and disposing entity shall state—

- (a) the works, services and supplies to be procured;
- (b) the contract packages of the works, services and supplies to be procured and the estimated cost of each package;
- (c) a time schedule of the procurement requirements;
- (d) the common use items;
- (e) the works, services and supplies to be used in common by the procuring and disposing entity with another procuring and disposing entity;
- (f) the resources required for the procurement, supported by a schedule of the projected funding;
- (g) the recommended method of procurement for each contract package and the time estimated for each stage of procurement; and
- (h) the type of contract recommended for each requirement and where applicable, the requirement for deviation from the use of the standard bidding documents.

#### 5. Aggregating procurement requirements.

(1) A procuring and disposing entity shall aggregate its procurement requirements for—

- (a) the user departments of the procuring and disposing entity;
- (b) a financial year or any other appropriate period of time; and
- (c) any other appropriate circumstance.
- (2) For the purposes of subregulation (1), a procuring an disposing entity shall—
  - (a) determine the market structure for the items required;
  - (b) aggregate the items which are of a similar nature and which are likely to attract the same potential bidders;
  - (c) determine the optimum size and type of contract that attracts the greatest and most responsive competition or the best prices;
  - (d) aggregate the items for which the method of procurement and bidding conditions are to be the same;
  - (e) aggregate the items which are to be ready for bidding at the same time;
  - (f) aggregate the items which are to be subject to the same conditions of contract;
  - (g) determine the potential savings in time or transaction costs;
  - (h) determine the appropriate size of the contract which facilitates the application of a preference and reservation scheme, where applicable; and
  - (i) determine the optimum number and size of contracts which facilitate the management and administration of contracts by the procuring and disposing entity.

#### 6. Splitting of requirements.

- (1) A procuring and disposing entity shall not split a procurement requirement where the requirement can be procured as a single contract.
- (2) Notwithstanding subregulation (1), a procuring and disposing entity may split a procurement requirement, where the split offers a clear and calculable economic or technical advantage.

#### 7. Division into lots.

- (1) A procuring and disposing entity shall, at the commencement of a procurement process, divide the procurement requirements allocated to a procurement process, into separate lots, where it is anticipated that the award of several separate contracts will result in value for the procuring and disposing entity.
- (2) Where a procurement requirement is divided into lots, which may result in separate contracts, the choice of procurement method shall not be determined by the estimated value of each individual lot but by the total value of all the lots.
- (3) Where a number of lots are to be procured under the same procurement process, the bidding documents shall clearly state—
  - (a) the number of lots included in the procurement process;
  - (b) the nature and size of each lot;
  - (c) the proportion of each lot for which a bidder may bid, or whether a bid shall be for complete lots; and
  - (d) the method of evaluating multiple lots.

# 8. Procurement with another procuring and disposing entity of items used in common.

(1) A procuring and disposing entity shall, for the purposes of undertaking procurement of works, services or supplies which are used in common with another procuring and disposing entity, be guided by the prices for the works, services or supplies determined by the Authority.

- (2) A procuring and disposing entity shall, agree with the other procuring and disposing entity—
  - (a) on the funds available for the procurement;
  - (b) on the mode of payment for the requirements;
  - (c) on the reimbursement of the costs of the procurement including the advertising costs, photocopying costs and the cost of the personnel, to the procuring and disposing entity that conducts the procurement; and
  - (d) on the appropriate contract, including the delivery arrangements.

#### 9. Appointment of members of Contracts Committee.

- (1) An Accounting Officer shall using Form 1 in the Schedule appoint a member of the Contracts Committee of the procuring and disposing entity.
- (2) The appointment under subregulation (1) shall be after the approval of the member, by the Secretary to the Treasury.
- (3) A person appointed member of the Contracts Committee shall—
  - (a) be a member of the procuring and disposing entity, or where this is not possible, member of another procuring and disposing entity;
  - (b) have a proven track record of sound judgment; and
  - (c) be at an appropriate level of seniority and have experience in decision-making.
  - (4) A Contracts Committee shall have among its members—
  - (a) a person with experience in the functions of the procuring and disposing entity; and

- (b) a person with experience in public procurement and disposal.
- (5) A Contracts Committee shall not have more than two of its members from the same department.
- (6) In reappointing members to the Contracts Committee, the Accounting Officer shall take into account the need for continuity of the membership of the Contracts Committee.
- (7) Where a procuring and disposing entity cannot apply section 27 (6) of the Act, the Accounting Officer shall request for exemption from the application of the provision, from the Secretary to the Treasury, giving reasons why the provision does not apply to the procuring and disposing entity.
- (8) The Accounting Officer shall appoint as secretary of the Contracts Committee, a member of the procuring and disposing entity, but who shall not be a member of the Procurement and Disposal Unit.
- (9) The secretary of the Contracts Committee shall have the right to vote at a meeting of the Contracts Committee.

#### 10. Membership of Contracts Committee.

- (1) A person shall be a member of a Contracts Committee in his or her individual capacity, and not by virtue of his or her position or designation.
- (2) A member of a Contracts Committee who is not able to attend a meeting of the Contracts Committee shall not nominate a representative or proxy, for purposes of the meeting.
- (3) Where a procuring and disposing entity has a governing body, a member of the governing body shall not be a member of the Contracts Committee of the procuring and disposing entity.

## 11. Termination of office or removal of member of the Contracts Committee.

(1) The Accounting Officer may only terminate the appointment of a member of the Contracts Committee—

- (a) for abuse of office;
- (b) for corruption;
- (c) for incompetence;
- (d) for physical or mental incapacity which renders the member incapable of performing his or her duties;
- (e) for failure to attend three consecutive scheduled meetings without reasonable grounds;
- (f) for conviction of an offence involving moral turpitude;
- (g) where the member is declared bankrupt by a court of law; or
- (h) for any other justifiable reason.
- (2) The Accounting Officer shall, for the purposes of regulation 9 (3), (4) or (5), or where the structure or status of the procuring entity changes, remove and substitute a member of the Contracts Committee, prior to the expiry of his or her term of office.
- (3) The removal of a member of a Contracts Committee by an Accounting Officer shall be subject to the prior approval of the Secretary to the Treasury.

#### 12. Performance of functions by Contracts Committee.

In the performance of its functions, a Contracts Committee shall confirm that—

- (a) a statement of requirements is complete and suitable for the procurement or disposal;
- (b) the proposed evaluation methodology and criteria contained in the bidding documents are appropriate and applicable to the procurement or disposal;

- (c) the type of contract proposed for the procurement or disposal is appropriate;
- (d) the special conditions of the contract proposed in respect of a contract are appropriate; and
- (e) the proposed bidding period is reasonable, having regard to the complexity of the procurement process and the requirement of the Public Procurement and Disposal of Public Assets (Rules and Methods for Procurement of Supplies, Works and Non Consultancy Services) Regulations, 2013, the Public Procurement and Disposal of Public Assets (Procurement of Consultancy Services) Regulations, 2013 and the Public Procurement and Disposal of Public Assets (Procurement of Medicines and Medical Supplies) Regulations, 2013, as the case may be.

#### 13. Submissions to Contracts Committees.

- (1) A request by a Procurement and Disposal Unit to the Contracts Committee shall be made using the appropriate Forms specified in the Regulations made under the Act.
- (2) A Contracts Committee shall consider each request based on the information contained in the Form submitted and the supporting documents, and may approve or reject the request.
- (3) Where a Contracts Committee rejects a request, the Contracts Committee shall indicate the reasons for rejecting the request.
- (4) A Contracts Committee may give a conditional approval to a submission, where there is a correction to be effected.
- (5) A decision of a Contracts Committee shall be unanimous but, where unanimity cannot be achieved, the decision shall be by a simple majority of the members present.

#### 14. Member of Contracts Committee to declare personal interests.

(1) Where a member of a Contracts Committee has any pecuniary or other interest that may conflict with the performance of the functions of the member, the member shall disclose the interest at the meeting.

(2) Where a member has or discloses an interest in any matter before the Contracts Committee, that member shall not take part in the proceedings or exercise of any powers by the committee relating to the item or the matter in which the member has an interest.

#### 15. Conduct of meetings of Contracts Committee.

- (1) The chairperson shall chair the meetings of the Contracts Committee and in the absence of the chairperson, the members shall elect from amongst themselves a member to chair the meeting.
- (2) The quorum for a meeting of the Contracts Committee shall be any three members present at a meeting.

#### 16. Records of Contracts Committee meetings.

- (1) The secretary of a Contracts Committee shall record the minutes of a meeting of the Contracts Committee.
- (2) The minutes of a meeting of a Contracts Committee shall include—
  - (a) a register of attendance signed by the members and the advisers, which shall indicate whether attendance by a member was for the entire meeting or for only part of the meeting and where a member attended only part of the meeting, indicate the items on the agenda in which the member participated;
  - (b) the discussion in relation to each item on the agenda, including any advice given by an adviser and any disagreement between the members; and
  - (c) the decisions made for each item on the agenda including, the conditions, if any, given for a request that is approved, or the reasons rejecting a request, which shall be recorded in the relevant Forms.

#### 17. Co-opting of advisers to meetings of the Contracts Committee.

- (1) Where a Contracts Committee co-opts an adviser to assist it in the discharge of its functions, the adviser shall not take part in the decisions of the Contracts Committee or vote and shall only attend the part of the meeting where the matter on which advice is required, is considered.
- (2) A Contracts Committee may request a member of, a User Department, an evaluation committee or a negotiation team to attend a meeting of the Contracts Committee, as an adviser, to offer clarification on a submission.
- (3) An adviser who attends a Contracts Committee meeting shall sign the register of attendance.

# 18. Disagreement between Accounting Officer and Contracts Committee.

Where the Accounting Officer does not agree with a decision of the Contracts Committee in respect of the application or interpretation of a procurement or disposal process or method, the Accounting Officer shall—

- (a) return the decision with the reasons for rejection, to the Contracts Committee for its review; or
- (b) refer the decision with the reasons for rejecting the decision, to the Authority, with a request for an independent review of the decision by the Authority.

# 19. Management of procurement and disposal process by the Procurement and Disposal Unit.

- (1) A Procurement and Disposal Unit shall manage the procurement or disposal process up to the point of contract placement.
- (2) For each procurement or disposal requirement, a User Department shall nominate an official who shall work with the Procurement and Disposal Unit on all matters relating to that procurement or disposal requirement.

(3) Unless otherwise indicated by a User Department, the officer who signs Part 1 of Form 5 of the Public Procurement and Disposal of Public Assets (Rules and Methods for Procurement of Supplies, Works and Non Consultancy Services) Regulations, 2013 on behalf of the user department, shall be the officer nominated for the purposes of this Regulation.

#### 20. Monthly report on procurement.

- (1) A procuring and disposing entity shall for each month, submit to the Authority, by the fifteenth day of the following month, a report on the procurement activities under taken by the procuring and disposing entity in the month.
  - (2) The report shall be made using Form 2 in the Schedule.

#### 21. Delegation of functions by Accounting Officer.

- (1) An Accounting Officer may delegate a procurement function or a disposal function of the Accounting Officer, Contracts Committee or the procurement and disposal unit to a sub-division of the procuring and disposal entity or a member of staff of the procuring and disposal entity.
- (2) The Contracts Committee or the Procurement and Disposal Unit may request the Accounting Officer to delegate a procurement or disposal function of the Contracts Committee or of the Procurement and Disposal Unit, respectively.
- (3) A request for delegation of a procurement function shall be made using Part I of Form 3 in the Schedule and Part I of Form 4 in the Schedule for delegation of a disposal function.
- (4) On receipt of a request for delegation of functions, the Accounting Officer shall issue his or her decision within ten working days using Part II of Form 3 in the Schedule for delegation of a procurement function and Part II of Form 4 in the Schedule for delegation of a disposal function.

- (5) An Accounting Officer may at his or her own initiative or following a written recommendation by the Contracts Committee or the Procurement and Disposal Unit, revoke a delegation of functions.
- (6) A delegation of functions shall be revoked through written instructions to the person to whom the delegation was made and shall have immediate effect unless otherwise stated.

# 22. Contracting out of procurement or disposal function to another procuring and disposing entity.

- (1) An Accounting Officer may contract out a procurement function or a disposal function of the Contracts Committee, the procurement and disposal unit or the user department to another procuring and disposing entity or to a third party procurement and disposal provider.
- (2) Where a procurement or a disposal function of the procuring and disposal entity is contracted out to another procuring and disposing entity, the Accounting Officers of the two procuring and disposing entities shall, in writing, agree on—
  - (a) the functions to be contracted out;
  - (b) the mechanisms for implementation of the procurement or disposal function;
  - (c) the procedures for reporting and monitoring;
  - (d) the procedure for approving the procurement or disposal function;
  - (e) the limitations or exceptions to the contract, if any; and
  - (f) the costs to be paid, if any.
- (3) Notwithstanding subregulation (2), the Accounting Officer of the procuring and disposing entity whose function is contracted out to another procuring and disposing entity shall be accountable for the decisions taken by the procuring and disposing entity to which a procurement or disposal function is contracted out.

# 23. Conditions for contracting out procurement or disposal function.

A procurement or a disposal function of a procuring and disposal entity may be contracted out to another procuring and disposing entity—

- (a) where that other procuring and disposing entity has specialised knowledge, expertise or experience in the subject matter of the procurement or disposal;
- (b) where the procurement or disposal is common to both procuring and disposing entities;
- (c) where a project is implemented by both procuring and disposing entities jointly;
- (d) where it would be more economical or efficient to contract out a procurement of disposal function; or
- (e) for any other justifiable reason.

# 24. Contracting out of procurement or disposal function to third party.

- (1) Where there is lack of technical capacity an Accounting Officer may contract out a procurement or disposal function of the procuring and disposal entity to a third party.
- (2) Where an Accounting Officer contracts out a procurement or disposal function to a third party, the Accounting Officer shall select the third party from the providers pre-qualified by the Authority.
- (3) The contracting out of a procurement or disposal function to a third party shall be in accordance with the procurement rules and methods in the Act, regulations made under the Act and the relevant guidelines.
- (4) Notwithstanding subregulation (2), where none of the providers pre-qualified by the Authority is competent to provide the required procurement or disposal function, a procuring and disposing entity may contract another person to provide the required procurement or disposal function.

- (5) The procuring and disposing entity shall, before contracting another person to provide the required procurement or disposal function, make an application to the Authority requesting the Authority to prequalify that person as a provider.
- (6) The third party contracted under this regulation shall submit a report of the procurement or disposal function undertaken, to the Accounting Officer.

#### 25. Contract with third party.

Where Accounting Officer contracts out a procurement or disposal function to a third party, the Accounting Officer shall enter into a contract with the third party, which shall state—

- (a) the procurement or disposal function to be undertaken by the third party which may be defined by value, type, procurement or disposal method or any other criteria;
- (b) that the procurement or disposal function to be undertaken by the third party shall be in accordance with the Act, regulations made under the Act and the relevant guidelines;
- (c) the fee or unit rate to be paid for the services of the third party by the procuring and disposing entity;
- (d) whether a function may be sub-contracted by the third party and where this is allowed, state the requirement for the prior written approval of the Accounting Officer;
- (e) that the records of the procurement or disposal are the property of the procuring and disposing entity;
- (f) the procedural arrangements for implementing the procurement or disposal function; and
- (g) any other appropriate contract provisions, based on the standard solicitation document for services.

# 26. Procedure for applying for a deviation from use of standard documents.

- (1) A procuring and disposing entity may, where the standard bidding documents, procedural forms or any other attendant documents are not suitable for a procurement or disposal process, apply to the Authority, in writing, for approval to deviate from the use of these documents.
  - (2) An application for deviation shall—
  - (a) indicate the standard bidding document, procedural form or other attendant document for which a procuring and disposing entity requests for a deviation;
  - (b) state the reasons for requesting for a deviation, including an explanation of the relevant specialised requirements, market conditions and industry standards, which affect the requirement;
  - (c) indicate the proposed alternative document, and how the alternative document differs from the standard bidding document, procedural form or other attendant document and the advantages of using the proposed alternative document; and
  - (d) indicate whether the deviation is required for a single procurement or disposal requirement or for a number of procurement or disposal requirements of the same class, over a period of time.
- (3) Where a deviation from use of a standard document is approved for a specified period of time, a procuring and disposing entity that made the application, may using subregulation (2), apply to the Authority for renewal of the deviation.
- (4) The Authority shall issue its decision within fourteen working days of the receipt of the application.

# 27. Procedure for applying for accreditation of alternative procurement and disposal systems.

- (1) A procuring and disposing entity which is not able to comply with a particular procurement or disposal procedure required under the Act, shall, in writing, apply to the Authority for an alternative system.
  - (2) The application under subregulation (1) shall—
  - (a) state the procurement or disposal procedure for which an alternative system is sought;
  - (b) state the alternative system sought by the procuring and disposing entity;
  - (c) include an analysis of how the alternative system sought, differs from the relevant procurement and disposal procedure required under the Act;
  - (d) include a justification for using the alternative system, including a copy of any relevant agreement or legislation; and
  - (e) state how the proposed alternative system complies with the principles of public procurement.
  - (3) An alternative accredited system shall—
  - (a) comply with the basic principles of public procurement and disposal in Part IV of the Act; and
  - (b) except for the particular procurement or disposal procedure the procuring and disposing entity cannot comply with, comply with all the other provisions of the Act, Regulations made under the Act, the relevant guidelines and the standard bidding documents.
- (4) The Authority shall issue its decision within twenty one working days of the receipt of the application.

#### 28. Customisation of standard documents.

- (1) Subject to subregulation (2), a procuring and disposing entity may customize a standard bidding document or any other document issued by the Authority.
- (2) The customisation of a standard bidding document or any other document issued by the Authority shall be limited to—
  - (a) the entry of the contract details of a procuring and disposing entity such as, the name and address of the procuring and disposing entity; and
  - (b) the addition of a logo or any other form of identification of a procuring and disposing entity.
- (3) A procuring and disposing entity shall not, when customising a standard bidding document or any other document issued by the Authority, alter or amend the content or substance of the document, including the style and format of the document, without the prior written authority of the Authority.
- (4) The Contracts Committee shall approve the use of the customised documents by a procuring and disposing entity.

#### 29. Preference schemes.

- (1) A preference scheme shall be determined and developed by a competent authority.
- (2) The competent authority shall certify the eligibility of a provider to participate in a preference scheme.
  - (3) A preference scheme shall—
  - (a) state the target group, the eligibility requirements, the period of the scheme and arrangements for phasing in and out;
  - (b) contain the objectives to be achieved and the benchmarks to assess progress; and

- (c) not be discriminatory in terms of capacity, specialization and classification of ownership of the eligible providers.
- (4) Where a preference scheme is to be used, the bidding documents shall state, as shall be necessary—
  - (a) that a preference scheme shall be applied;
  - (b) the percentage of the preference;
  - (c) eligibility for the preference;
  - (d) the evidence required to prove eligibility for the preference; and
  - (e) the manner in which the preference is to be determined during evaluation.
- (5) A procuring and disposing entities shall verify eligibility for a preference during pre-qualification or at the preliminary examination of bids.
- (6) Where the register of providers of the Authority has information indicating that a provider is eligible to participate in a preference scheme, the provider shall use this as proof of eligibility.

#### 30. Reservation schemes.

- (1) A reservation scheme shall be determined and developed by a competent authority.
  - (2) A reservation scheme—
  - (a) shall state the target group, the eligibility requirements, the period of the scheme and arrangements for phasing in and out;
  - (b) shall contain the objectives to be achieved and the benchmarks to assess progress; and

- (c) shall not be discriminatory in terms of capacity, specialization and classification of ownership of the eligible providers.
- (3) A provider shall be eligible to participate in a reservation scheme—
  - (a) based on the capacity, area of specialization and the ownership classification as registered by the Authority; and
  - (b) where the provider is certified by a competent authority.
- (4) Where a reservation scheme is to be used, the bidding documents shall state, as shall be necessary—
  - (a) that the procurement is subject to a reservation scheme;
  - (b) eligibility to participate in the procurement; and
  - (c) the evidence of required to prove eligibility.
- (5) A procuring and disposing entity shall verify eligibility for a reservation scheme during pre-qualification or the preliminary examination of bids.
- (6) Where the register of providers of the Authority has information indicating that a provider is eligible to participate in a reservation scheme, the provider shall use this as proof of eligibility.

#### 31. Due diligence.

- (1) A procuring and disposing entity may at any time during a procurement and disposal process carry out a due diligence test on a bidder or a bid.
- (2) A due diligence test shall cover any area of operation of a provider or any area of the bid that the procuring and disposing entity determines requires verification or checking, in exercising due care in a procurement or disposal process.

#### 32. Role of internal audit department.

(1) The internal audit department of a procuring and disposing entity shall audit—

- (a) the procurement procedure used for a procurement and the payment made to establish whether the supplies, works or services are properly ordered, received, verified and paid for in accordance with the Public Finance and Accountability Act, 2003 and the other applicable laws; and
- (b) the disposal procedure used for a disposal and the payments received, if any, by the procuring and disposing entity.

# 33. Procurement and disposal notice board of a procuring and disposing entity.

- (1) A procuring and disposing entity shall position its procurement and disposal notice board at a location within its premises, which is freely accessible to members of the public.
- (2) The procuring and disposing entity shall display on the procurement and disposal notice board the following information—
  - (a) the annual procurement plan of the procuring and disposing entity;
  - (b) the pre-qualification notices;
  - (c) bid notices;
  - (d) shortlists for pre-qualified providers;
  - (e) bid opening records;
  - (f) notices of best evaluated bidders;
  - (g) notices of awards of contract;
  - (h) notifications of public auctions; and
  - (i) public invitation notices under disposal by public bidding.
- (3) Where a procuring and disposing entity has a website, it may in addition to displaying the information on the procurement and disposal notice board, post it on the website.
- (4) The use of a notice board or website shall not relieve a procuring and disposing entity of its responsibility to publish a relevant notice publicly in the media or on the website of the Authority where this is required under the Act or regulations made under the Act.

#### SCHEDULE FORMS FORM 1

Regulation 9(1)

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

#### LETTER OF APPOINTMENT TO THE CONTRACTS COMMITTEE

Date:

[Name of person appointed to Contracts Committee]
[Position on the Contract Committee - Chairperson/Member/Secretary]

APPOINTMENT TO CONTRACTS COMMITTEE
I confirm your appointment as the [Chairperson /Member/Secretary] of the Contracts Committee for [Name of Procuring and Disposing Entity] following the approval of your nomination by the Secretary to the Treasury dated
The terms of reference for this appointment shall be in accordance with the Public Procurement and Disposal of Public Assets Act, 2003.
If you accept this appointment, please sign this letter in the space availed below and a copy of the Code of Ethical Conduct in Business and return the copies to these documents to the undersigned.
The term of this appointment shall be three years effective from
[Name] Accounting Officer
I accept the appointment:

- c.c. Permanent Secretary/Secretary to Treasury, Ministry of Finance, Planning and Economic Development.
- c.c. Executive Director, Public Procurement and Disposal of Public Assets Authority

FORM 2

Regulation 20(2)

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

# MONTHLY REPORT ON PROCUREMENT

(Insert Name of Procuring and Disposing Entity)

Month of Reporting	
Financial year	

	Date of Market price Contract value award of of the (Currency and contract procurement amount)			
nt)	Market price of the procurement			
ro Procureme	Date of award of contract			TOTAL
PART I: CONTRACTS AWARDED (except Micro Procurement)	Provider			
RACTS AWARI	Method of procurement			
PART I: CONT	Subject of procurement			
	Procurement Reference Number			

		-				
	Revised contract value and currency if applicable					
	Value of A/V (currency and amount if applicable)					
OR VARIED	Date of amendment or variation					
PART II: CONTRACTS AMENDED OR VARIED	Provider					
i: CONTRAC	Indicate Amendment or variation					
PARTII	Subject of procurement					
	Procurement Reference Number					

	Contract value (Currency and amount)						
	Total amount paid and currency						
IPLETED	Date of completion						TOTAL
PART III: CONTRACTS COMPLETED	Provider						
PART III: C	Subject of procurement						
	Procurement Reference Number						

	Contract value (Currency and amount)			
IENTS	Invoice and date of delivery/ completion amount)			Total value of micro procurements of the Procuring and Disposing Entity
MICRO PROCUREM	Provider			
PART IV: REPORT ON MICRO PROCUREMENTS	Subject of procurement			
PA	Procurement reference number			
	No			
				 61

I hereby certify that the above information is a true and accurate record of the micro procurement transactions undertaken by the user departments within the month.

Name:	Title:	
gnature: ccounting Officer	Date:	
tach relevant minutes of the Contracts Committee.		

c.c. Contracts Committee

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

#### **DELEGATION OF PROCUREMENT FUNCTIONS BY ACCOUNTING OFFICER**

#### PART I: REQUEST OF CONTRACTS COMMITTEE/ PROCUREMENT AND DISPOSAL UNIT

A request for the delegation of a procurement function of the Contracts Committee/Procurement and Disposal Unit to a sub-division/member of staff of the procuring and disposing entity indicated below:

Sub-division/member of staff						
Commencement date of delegation:						
Duration of delegation:						
Type of procurement function to be delegated	Yes/No	Value limitation	Other limitations*			
Entire procurement function						
Approval of procurement method						
Approval of bidding document						
Approval of evaluation report						
Approval of contract documents						
Reporting requirements and any other requirements, conditions or limitations*:						
Signature:	D	Oate:				

- \*1. If necessary provide details on separate pages and attach.
- 2. All attachments must be signed in the same way as this form

#### PART II: DECISION OF ACCOUNTING OFFICER

<b>DECISION</b> of Accounting Officer (State reasons if request is rejected. State name of sub-division/member of staff to which/whom delegation is made, if request is approved.
Authority is delegated to you in the attached Part 1 of this form. No further delegation of this authority is permitted.
You are required to comply with the Public Procurement and Disposal of Public Assets Act, 2003 and to notify the Contracts Committee immediately when you become unable to comply with the delegation.
This delegation of authority may be revoked at any time in writing.
Signature: Date: (Accounting Officer)

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

#### DELEGATION OF DISPOSAL FUNCTIONS BY ACCOUNTING OFFICER

## PART I: REQUEST OF CONTRACTS COMMITTEE/PROCUREMENT AND DISPOSAL UNIT

A request for the delegation of a disposal function of the Contracts Committee/Procurement and Disposal Unit to a sub-division /member of staff of the procuring and disposing entity indicated below:

Sub-division/member of staff

Commencement date of delegation:

Duration of delegation:			
Type of disposal function to be delegated	Yes/No	Value limitation	Other limitations*
Entire disposal function			
Approval of disposal method			
Approval of auctioneer			
Approval of bidding document			
Approval of evaluation report			
Approval of contract award and contract documlent			
Approval of transfer agreement			
Signature:	D	oate:	

TART II. DECISION OF ACCOUNTING OFFICER
<b>DECISION</b> of Accounting Officer (State reasons if request is rejected. State name of sub-division/member of staff to which/whom delegation is made, if request is approved.
Authority is delegated to you in the attached Part 1 of this form. No further delegation of this authority is permitted.
You are required to comply with the Public Procurement and Disposal of Public Assets Act, 2003 and to notify the Contracts Committee immediately when you become unable to comply with the delegation.
This delegation of authority may be revoked at any time in writing.
Signature: Date: (Accounting Officer)

PART II. DECISION OF ACCOUNTING OFFICER

- \*1. If necessary provide details on separate pages and attach.
- 2. All attachments must be signed in the same way as this form

MARIA KIWANUKA,

Minister of Finance, Planning and Economic Development.

### STATUTORY INSTRUMENTS SUPPLEMENT No. 3

14th February, 2014

#### STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated 14th February, 2014 Printed by UPPC, Entebbe, by Order of the Government.

#### S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 8.

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS (RULES AND METHODS FOR PROCUREMENT OF SUPPLIES, WORKS AND NON- CONSULTANCY SERVICES) REGULATIONS, 2014

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- 2. Interpretation.

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- 3. Initiation of procurement requirements and confirmation of funding.
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#### PART III—METHODS OF PROCUREMENT.

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#### Regulation

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- 55. Bid currency.
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- 61. Change to bid details.
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- Form 9— Request for approval of addendum to bidding document.
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- Form 11—Record of bids received.
- Form 12—Record of bid opening.

#### S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 8.

# The Public Procurement and Disposal of Public Assets (Rules and Methods for Procurement of Supplies, Works and Non-Consultancy Services) Regulations, 2014.

(Under section 96 of the Public Procurement and Disposal of Public Assets Act, 2003)

In EXERCISE of the powers conferred upon the Minister responsible for finance by section 96 of the Public Procurement and Disposal of Public Assets Act, 2003, on the recommendation of the Authority and with the approval of Parliament, these Regulations are made this 6th day of February, 2014.

#### PART I—PRELIMINARY

#### 1. Title and commencement.

- (1) These Regulations may be cited as the Public Procurement and Disposal of Public Assets (Rules and Methods for Procurement of Supplies, Works and Non-Consultancy Services) Regulations, 2014.
- (2) These Regulations shall come into force on the 3rd day of March, 2014.

#### 2. Interpretation.

In these Regulations, unless the context otherwise requires—

- "Act" means the Public Procurement and Disposal of Public Assets Act, 2003;
- "single source provider" means a provider invited from among a number of providers who meet the requirements of a procurement;
- "sole source provider" is where only one provider exists, who meets the requirements of a procurement, due to a patent, monopoly or other reason.

#### PART II—INITIATION OF PROCUREMENT REQUIREMENTS.

# 3. Initiation of procurement requirement and confirmation of funding.

- (1) An initiation of a procurement requirement shall include—
- (a) a clear description of the works, non-consultancy services or supplies required;
- (b) the estimated value of the works, non-consultancy services or supplies;
- (c) confirmation of availability of funding; and
- (d) the approval of the procurement requirement as specified in sub regulation (4).
- (2) In estimating the value of the works, non-consultancy services or supplies required and confirming the availability of funds, a procuring and disposing entity shall-
  - (a) base the estimate on an assessment of the market price;
  - (b) seek technical advice, where required; and
  - (c) ascertain that the confirmation of availability of funding takes into account the total cost of acquiring the requirement.
- (3) A specific reference number shall be allocated to each procurement requirement at the initiation stage, using the numbering system prescribed by the Authority in guidelines.
- (4) Approval of procurement requirements shall be evidenced by the signature of the Accounting Officer.
- (5) A procurement requirement shall be initiated using Part I of Form 5 in the Schedule.

#### 4. Availability of funds.

- (1) A procuring and disposing entity shall not initiate any procurement for which funds are not available or adequate, except where—
  - (a) the delivery of works, non-consultancy services or supplies and the consequent payments to a provider are to be effected from subsequent financial years;
  - (b) in the case of framework contracts, funds will be committed at the time of issue of each specific call off order; or
  - (c) the Secretary to the Treasury confirms in writing that the required funding shall be made available.
- (2) The availability of funds shall be evidenced by budgeted or supplementary funds for the current financial year or an allocation for subsequent years.
- (3) The accounting officer or an officer authorised by the accounting officer shall confirm the availability of funds.
- (4) Procurement may be initiated, in accordance with this regulation, before the receipt of funds, but a contract shall not be awarded before the availability of funds.

#### 5. Assessment of market price.

- (1) In order to determine the market price of a procurement requirement, the accounting officer shall use all appropriate sources of information, including—
  - (a) prices obtained on previous similar bids or contracts, taking into account any difference in the quantities purchased;
  - (b) prices published or advised by potential providers; and
  - (c) a build-up of estimates of prices of components of the works, non-consultancy services or supplies.

- (2) Where the accounting officer contacts potential providers in order to determine the market price, the accounting officer shall limit the information disclosed to the potential providers to that which is essential for obtaining the market price or which is already available to the public.
- (3) Where the price of the best evaluated bidder is higher than the market price established at the commencement of the procurement, the accounting officer shall re-assess the market price to ascertain that the market price is still valid.
- (4) Where the accounting officer ascertains that the market price established at the commencement of the procurement is still valid, the procurement shall be cancelled and re-tendered.

#### PART III—METHODS OF PROCUREMENT.

#### 6. Choice of procurement method.

- (1) A procuring and disposing entity shall use the procurement methods specified in Part VI of the Act for all procurement requirements.
- (2) The choice of procurement method shall be in accordance with the Fourth Schedule to the Act, these Regulations and the guidelines issued by the Authority.
  - (3) The choice of procurement method shall be determined by—
  - (a) the estimated value of the requirement;
  - (b) the circumstances relating to the requirement; and
  - (c) the type of procurement, whether supplies, works or non-consultancy services .
- (4) The choice of procurement method shall be in accordance with the thresholds specified in guidelines issued by the Authority.
- (5) The circumstances relating to the requirement to be procured may be used as additional criteria in determining the choice of procurement method.

#### 7. Use of micro procurement.

Micro procurement shall be used in accordance with regulation 16, for unforeseen requirements where the estimated value of the procurement does not exceed the threshold prescribed in guidelines issued by the Authority.

#### Circumstances relating to the procurement

#### 8. Emergency situations.

- (1) An emergency situation may be used to determine the procurement method regardless of the estimated value of the requirement.
- (2) A recommendation by the procurement and disposal unit to use an emergency situation as the criterion for determining the choice of a procurement method shall include a comprehensive justification for its use and shall state the reasons giving rise to the emergency situation.
- (3) Where an emergency situation is used as the criterion for determining the choice of a procurement method, competition shall not automatically be excluded from the procurement process solely on the basis of the emergency situation.
- (4) A procuring and disposing entity shall obtain maximum competition to the extent practicable in the procurement under an emergency situation.
- (5) A procuring and disposing entity shall, before using the direct procurement method in an emergency situation, give priority to other competitive procurement methods in accordance with subregulations (6), (7), (8) and (9).
- (6) Where the value of a procurement requirement requires the use of open bidding method, a procuring and disposing entity shall, before deciding to use the direct procurement method, in descending order, consider to use—

- (a) the restricted bidding method;
- (b) the quotations method; or
- (c) any other competitive method, with the appropriate modifications, in accordance with subregulation (9).
- (7) Where the value of a procurement requirement requires the use of restricted bidding or restricted selection, a procuring and disposing entity shall, before deciding to use the direct procurement method, in descending order, consider to use—
  - (a) the quotations method; or
  - (b) any other competitive method, with appropriate modifications, in accordance with subregulation (9).
- (8) Where the value of a procurement requirement requires the use of the quotations method, a procuring and disposing entity shall, before deciding to use the direct procurement method, consider the use of the quotations method, with appropriate modifications, in accordance with subregulation (9).
- (9) In an emergency situation, where a procuring and disposing entity is unable to comply with all the provisions in the Act, these Regulations or guidelines, relating to a competitive method of procurement, the procuring and disposing entity shall, before deciding to use the direct procurement method, consider using any other competitive method, where that other method requires -
  - (a) a bidding period which is less than the minimum bidding period specified in these Regulations;
  - (b) a shortlist of at least two bidders;
  - (c) simplified documentation;
  - (d) a simplified bid submission method;
  - (e) a simplified evaluation methodology; or
  - (f) any other modification which would make the use of the competitive method possible.

#### 9. Limited number of providers.

- (1) The choice of procurement method may be determined by the availability of works, non-consultancy services or supplies from only a limited number of providers or a sole provider, regardless of the estimated value of the requirement.
  - (2) The number of providers may be limited by—
  - (a) the existence of copyrights, intellectual property rights, patent or proprietary rights;
  - (b) the existence of a monopoly, prevailing government regulations or legislation;
  - (c) an approved standardisation policy;
  - (d) the need for compatibility or interchangeability with existing works, non-consultancy services or supplies;
  - (e) the existence of exclusive rights given to a provider for the servicing and maintenance of objects of procurement; or
  - (f) any other justified circumstances.
- (3) A recommendation by the procurement and disposal unit to use the availability of works, non-consultancy services, or supplies from a limited number of providers as the criterion for determining the choice of a procurement method shall include—
  - (a) a comprehensive analysis of the market for the required works, non-consultancy services or supplies made at the level of manufacturer and not at the level of distributor or local agent and the number of potential providers in the market;
  - (b) full details of the relevant circumstances in subregulation (1);
  - a clear statement as to why other sources cannot be used to open the requirement to a competitive procurement method;
     and

- (d) an analysis of the statement of requirements, with justification for any parts of the statement of requirements that restrict the number of potential providers.
- (4) The use of availability of works, non-consultancy services or supplies from a limited number of providers as a criterion to determine the choice of a procurement method shall not be based on a brand name, make or model, unless the use of the brand name, make or model has been authorised under a standardisation policy or where the use is for reasons of compatibility or continuity.

#### 10. Compatibility and continuity.

- (1) A procuring and disposal entity may in accordance with the Fourth Schedule to the Act, use direct procurement for compatibility with the existing works, non-consultancy services or supplies or for continuity with an existing provider.
- (2) A procurement and disposal unit shall in the recommendation to use direct procurement on grounds of compatibility or continuity include a comprehensive justification of the need for compatibility or continuity.
- (3) The recommendation to use direct procurement on grounds of compatibility or continuity shall contain—
  - (a) an analysis of the statement of requirements explaining the need for or the benefits of compatibility or continuity, which may include—
    - (i) technical reasons;
    - (ii) legal reasons, including continued liability or preservation of warranties;
    - (iii) measures taken to achieve efficiency and value for money; and
    - (iv) other reasons, including the use of experience acquired or savings in mobilisation costs; and

- (b) a clear statement as to why other items or providers cannot be reasonably used to open the requirement up to a more competitive method.
- (4) The need for compatibility or continuity shall not be used to recommend direct procurement solely for reasons of convenience or due to a lack of an adequate statement of requirements.

#### Rules for use of procurement methods

#### 11. Rules for use of each procurement method.

The procurement process under each method of procurement shall follow—

- (a) the general procurement rules in this Part;
- (b) the procurement rules specific to the type of procurement; and
- (c) the rules for awarding contracts.

#### 12. Open domestic bidding.

- (1) Procurement using the open domestic bidding method shall be open to all bidders and shall be by public advertisement of a bid notice in at least one newspaper of wide national circulation.
- (2) Notwithstanding subregulation (1), a bidder may be selected through a pre-qualification process, following publication of a pre-qualification notice in at least one newspaper of wide national circulation.
- (3) The procurement and disposal unit shall make a submission to the contracts committee in respect of procurement under open international bidding using Part II of Form 5 in the Schedule.
- (4) For the avoidance of doubt, the pre qualification process referred to in subregulation (2) is not the pre-qualification process referred to in regulation 22.

#### 13. Open international bidding.

- (1) Procurement using the open international bidding shall be open to all bidders and shall be by public advertisement of a bid notice in at least one publication of wide international circulation.
- (2) Notwithstanding subregulation (1), a bidder may be selected through a pre-qualification process, following publication of a pre-qualification notice in at least one publication of wide international circulation.
- (3) The procurement and disposal unit shall make a submission to the contracts committee in respect of procurement under open international bidding using Part II of Form 5 in the Schedule.
- (4) For the avoidance of doubt, the pre qualification process referred to in subregulation (2) is not the pre-qualification process referred to in regulation 22.

# 14. Restricted domestic bidding and restricted international bidding.

- (1) Procurement using the restricted domestic and restricted international bidding method shall be by selection of a bidder using a shortlist.
- (2) Where the restricted domestic bidding or restricted international bidding method is used on the ground that the supplies, works or non-consultancy services are available only from a limited number of providers, the procuring and disposing entity shall—
  - (a) include all the potential providers on the shortlist; and
  - (b) before issuing the bidding documents, publish a notice of restricted bidding on the website of the Authority indicating—
    - (i) the subject matter of the procurement;
    - (ii) that restricted bidding is being used on the ground that the supplies, works or non-consultancy services are available from a limited number of providers;

- (iii) the proposed shortlist; and
- (iv) that any other providers who are able to offer the required works, non-consultancy services or supplies may write to the procuring and disposing entity requesting to participate.
- (3) The notice for restricted bidding shall be prepared using the standard format in Schedule 2 and shall be published prior to the issue of the bidding documents.
- (4) The procurement and disposal unit shall make a submission to the contracts committee in respect of procurement under restricted domestic bidding using Part II of Form 5 in the Schedule.

#### 15. Quotations.

- (1) Procurement using the quotations method shall be by selection of bidders using a shortlist.
- (2) A procuring and disposing entity shall obtain at least three quotations.
- (3) A procurement process under the quotation method shall not require the opening of quotations to be held in public.
- (4) The procurement and disposal unit shall make a submission to the contracts committee in respect of procurement under quotations method using Part II of Form 5 in the Schedule.

#### 16. Micro procurement.

- (1) A micro procurement process shall not require—
- (a) issuance of a bidding document;
- (b) submission of a bid;
- (c) a public bid opening session;
- (d) the use of an evaluation committee;

- (e) issue of a notice of best evaluated bidder; and
- (f) issue of a notice of award of contract.
- (2) A procuring and disposing entity may delegate to a user department, the authority to undertake micro procurement of the value specified in the guidelines or a limit set by the contracts committee, which shall be lower than the value in the guidelines.

#### 17. Direct procurement.

- (1) A procuring and disposing entity shall use the appropriate documents from the standard documentation, with the necessary modifications, for the requirements of the procurement under the direct procurement method.
- (2) The procurement and disposal unit shall make a submission to the contracts committee in respect of procurement under the direct procurement method using Part II of Form 5 in the Schedule.
  - (3) A bid for direct procurement shall be in writing.

PART IV—PUBLIC PROCUREMENT RULES AND PROCESSES FOR SUPPLIES FOR SUPPLIES AND NON-CONSULTANCY SERVICES.

#### Pre-qualification

#### 18. Use of pre-qualification.

- (1) Subject to subregulation (3), a procuring and disposing entity may use pre-qualification under open domestic or open international bidding to obtain a shortlist of bidders.
- (2) The procurement and disposal unit shall make a submission to the contracts committee to use pre-qualification using Form 6 in the Schedule.
- (3) The list of pre-qualified bidders shall be developed using the criteria for evaluation prescribed by the procuring and disposing entity.
  - (4) Pre-qualification shall be used under this regulation, where—

- (a) the non-consultancy services or supplies are highly complex, specialised or require detailed design or methodology;
- (b) the costs of preparing a detailed bid would discourage competition;
- (c) the evaluation is particularly detailed and the evaluation of a large number of bids would require excessive time and resources from a procuring and disposing entity; or
- (d) the bidding is for a group of similar contracts, for the purposes of facilitating the preparation of a shortlist.
- (4) The procuring and disposing entity shall display the list of prequalified bidders on the notice board of the entity for at least ten working days.
- (5) A procuring and disposing entity shall after the pre-qualification process, at the request of a bidder, debrief the bidder.

#### 19. Pre-qualification notices and documents.

- (1) A procuring and disposing entity shall by public advertisement of a pre-qualification notice, invite potential bidders to obtain the prequalification documents from the procuring and disposing entity.
- (2) A pre-qualification notice shall be published in at least one newspaper of wide circulation.
- (3) A procuring and disposing entity shall, for a pre-qualification exercise, use—
  - (a) the standard format of the pre-qualification notice issued by the Authority; and
  - (b) the pre-qualification documents issued by the Authority.
  - (4) A pre-qualification notice shall contain—
  - (a) a summary of the scope of the procurement;
  - (b) any key requirements and criteria for pre-qualification;

- (c) instructions on obtaining the pre-qualification document;
- (d) the deadline for submission of pre-qualification applications; and
- (e) the physical address for submission of documents.
- (5) Pre-qualification documents shall contain—
- (a) details of the scope of the procurement;
- (b) a statement of the requirements and criteria for prequalification;
- (c) a statement of the information required from a provider;
- (d) instructions on the location and deadline for submission of pre-qualification applications; and
- (e) instructions on the sealing and labelling of pre-qualification applications.
- (6) The information required from a provider under subregulation (5) (c) shall be the minimum information required to make a judgment on the suitability of the provider and not to discourage a provider from applying for pre-qualification.
- (7) The contracts committee shall approve all prequalification notices and documents before they are issued.

#### 20. Bidding periods in pre-qualification.

- (1) The bidding period for pre-qualification shall start from the date of first publication of the pre-qualification notice or the date of availability of the pre-qualification documents, whichever is later, and end on the deadline for submission of pre-qualification applications.
- (2) In determining the bidding period for pre-qualification, a procuring and disposing entity shall take into account the factors in regulation 46.

- (3) The minimum bidding period for pre-qualification under—
- (a) domestic bidding, shall be fifteen working days; and
- (b) open international bidding, shall be twenty working days.

#### 21. Criteria for evaluation for pre-qualification.

- (1) The evaluation for pre-qualification shall be based on the capability and resources of a bidder, taking into account—
  - (a) experience in executing similar contracts;
  - (b) performance on similar contracts;
  - (c) capabilities with respect to equipment and manufacturing facilities;
  - (d) the qualifications and experience of the personnel of the bidder;
  - (e) financial capability of the bidder to perform the proposed contract;
  - (f) facilities or representation at or near the location for performance of the contract;
  - (g) the available capacity to undertake the assignment; and
  - (h) any other relevant criteria.
- (2) The criteria for the evaluation for pre-qualification shall be limited to that necessary for performance of the intended contract and shall not be unduly restrictive.
- (3) The assessment of pre-qualification applications shall be in accordance with the requirements and criteria stated in the pre-qualification document and shall be recorded using Form 7 in the Schedule.

## 22. Pre-qualification for a group of contracts.

- (1) The pre-qualification process for a group of contracts shall follow the process stated in regulations 19 to 21.
- (2) The pre-qualification notice and document, shall contain an estimate of the period of time to be covered by the pre-qualification and an estimate of the number of contracts to be awarded and their respective value.
- (3) The list of pre-qualified providers shall be updated periodically, where pre-qualification is for a group of contracts.
- (4) The pre-qualification information submitted by a provider shall be verified before a contract is awarded.

#### PART V—BIDDING DOCUMENTS

## 23. Rules for preparing bidding documents.

- (1) A procuring and disposing entity shall use the appropriate standard bidding documents issued by the Authority for each procurement requirement.
- (2) The selection of the appropriate document shall depend on the type, value and relative complexity of the procurement requirement.
- (3) The following basic rules shall apply in the preparation of bidding documents for each procurement—
  - (a) changes to the instructions to bidders shall be effected only by an entry in the bid data sheet;
  - (b) changes to the general conditions of contract shall be effected only by an entry to the special conditions of contract;
  - (c) the statement of requirements shall be modified as may be required; and

- (d) the evaluation and qualification criteria shall be modified in accordance with the options available on the documents and these Regulations.
- (4) Textual or other changes shall not be made to the instructions to bidders section, general conditions of contract section or bidding forms section except in accordance with subregulation (3).
- (5) A procuring and disposing entity shall apply for a deviation from the use of standard documents in accordance with the procedure specified in the Public Procurement and Disposal of Public Assets Regulations, 2013.

#### 24. Statement of requirements.

- (1) A procuring and disposing entity shall state the supplies, works or non consultancy services required in a statement of requirements.
- (2) A procuring and disposing entity shall in the statement of requirements inform a bidder how closely and effectively a bidder can meet these requirements.
- (3) A procuring and disposing entity shall prepare the description in the statement of requirements in a manner that determines that the supplies, works or non consultancy services are fit for the purpose for which they are being procured and are of the appropriate quality.

# 25. Statement of requirements for supplies.

- (1) A procuring and disposing entity shall include in the statement of requirements for supplies—
  - (a) a list of the supplies and the quantities of the supplies;
  - (b) generic, functional or performance specifications;
  - (c) drawings;
  - (d) a delivery and completion schedule; and
  - (e) a description of any incidental works or non-consultancy services required.

- (2) A specification shall contain a complete, precise and unambiguous description of the supplies required and shall include—
  - (a) a clear definition of the scope of the supplies;
  - (b) the purpose and objectives of the proposed purchase;
  - (c) a full description of the requirement;
  - (d) a generic specification to an appropriate level of detail;
  - (e) a functional description of the qualities, including any environmental or safety features required of the subject of the procurement;
  - (f) the performance parameters, including outputs, timescales, and any indicators or criteria by which the satisfactory performance of the specification can be judged;
  - (g) process and materials descriptions;
  - (h) dimensions, symbols, terminology, language, packaging, marking and labeling requirements;
  - (i) the common specification standard relating to the supplies; and
  - (j) the relevant industry standard.

## 26. Statement of requirements for non-consultancy services.

A procuring and disposing entity shall include in the statement of requirements for non-consultancy services—

- (a) any relevant background and the purpose of the required nonconsultancy services;
- (b) a list of the specific tasks or duties to be performed;
- (c) a completion schedule or period of performance;

- (d) any schedule of deliverables, outputs or targets to be achieved by the provider;
- (e) the management and reporting lines to the procuring and disposing entity and the specific administrative arrangements and reporting requirements that shall apply to the non-consultancy services;
- (f) the industry standards applicable to the assignment; and
- (g) a description of the incidental supplies or works required.

## 27. Statement of requirements for works.

- (1) A procuring and disposing entity shall include in the statement of requirements for works—
  - (a) a clear description of the scope and location of the works;
  - (b) the specifications;
  - (c) the drawings;
  - (d) bills of quantities or activity schedules; and
  - (e) a completion schedule.
- (2) The statement of requirements shall also include, where appropriate—
  - (a) a background narrative to the required works;
  - (b) the objectives of the required works;
  - (c) a list of specific tasks to be performed;
  - (d) the supervision requirements, working relationships and specific administrative arrangements to be applied;
  - (e) a common specification or standard relating to the works;
  - (f) the relevant industry standard;

- (g) a description of any incidental supplies or non-consultancy services required;
- (h) a delivery schedule for supplies associated with or to be incorporated into the works; and
- (i) any other information relevant to the procurement.

#### 28. Use of brand names.

- (1) Specifications shall not be issued with reference to a particular trademark, brand name, patent, design, type, specific origin, producer, manufacturer, catalogue or numbered item.
- (2) Where there is no other sufficiently precise or intelligible way of characterising a requirement except by the use of a reference in subregulation (1), the description shall be used, followed by the words "or equivalent", and shall only serve as a benchmark during the evaluation process.
- (3) Notwithstanding subregulation (1), where a standardisation policy is adopted by a competent authority, the corresponding trademark, brand name, patent, design, type, specific origin, manufacturer, producer, catalogue or numbered item may be used in the statement of requirements.

#### 29. Standardisation.

Where a standardisation policy is adopted by a competent authority, the accounting officer of a procuring and disposing entity shall submit the following information to the Authority—

- (a) the technical, economic and logistical justification for the standardization policy;
- (b) a copy of the correspondence with a competent authority or technical expert consulted in relation to the specification;
- (c) the justification for the selection of the proposed standardised supplies, including their advantages over alternative supplies;

- (d) projections for future procurement of the object of standardisation;
- (e) plans to ensure transparency and value for money in the procurement of the standardised supplies; and
- (f) any other information relevant to the standardisation policy relevant to the procurement.

# 30. Common specification standard in statements of requirements.

- (1) A statement of requirements shall use common specification standards issued by the competent authority to support specifications and other definitions of the procurement requirement.
- (2) A procuring and disposing entity shall select a common specification standard taking into account the nature of the procurement requirement and the anticipated location or region of use of the procurement requirement.
- (3) Before issuing the common specification standards, a competent authority shall, in order of priority, take into account—
  - (a) national standards set by the Uganda National Bureau of Standards or other competent authority;
  - (b) international standards set by the International Standards Organisation, where appropriate standards exist;
  - (c) standards set by specialised agencies or bodies such as WHO, UN or IATA;
  - (d) internationally-recognised standards set by the competent authority of another country, that are used extensively and are appropriate for use in Uganda, such as BS (UK), AS (USA), or SAS (RSA); and
  - (e) standards or particular specifications used by a trade or profession and obtained from the association of the trade or profession.

# 31. Procedure for obtaining the approval of a competent authority for alternative specification standards.

- (1) Where a competent authority has not issued specification standards, a procuring and disposing entity shall identify a suitable standard using the order of priority stated in regulation 30 and apply to the competent authority to adopt it as a common specification standard.
- (2) The application by a procuring and disposing entity to the competent authority to adopt a common specification standard for future use shall include—
  - (a) a full description of the subject of the procurement, including the proposed statement of requirements;
  - (b) a statement of any similar specification standard already issued by the competent authority and the reason why it is unsuitable or the modifications required;
  - (c) any appropriate existing standard known to the procuring and disposing entity;
  - (d) an indication of whether the requirement is a one-off or a regular requirement and if it is regular, the estimated number and value of similar future requirements; and
  - (e) any other relevant information.
- (3) The competent authority shall, within fifteen working days after receipt of the application, advise on the appropriate specification standard.

## Preparing bidding documents

# 32. Preparing bidding documents.

A procuring and disposing entity shall when preparing each bidding document ascertain that—

(a) the statement of requirements defines the requirement precisely and in a manner that leaves no doubt or assumption by a bidder;

- (b) the evaluation criterion considers all appropriate factors and that their method of application is clear;
- (c) the most appropriate type of contract shall result from the procurement proceedings in terms of contractual protection to the procuring and disposing entity, structure of payment, payment terms and method of payment;
- (d) the basis of the prices and costs required are adequately defined so that they can be meaningfully compared and later inserted into any resulting contract to represent the full cost of the procurement requirement; and
- (e) a practical method of achieving the objectives of the procurement requirements is detailed to meet any logistics and supply requirements.

#### 33. Bidding documents for supplies.

- (1) A procuring and disposing entity shall specify in the bidding documents for supplies—
  - (a) the instructions to bidders which shall state—
    - (i) the amount and form of bid security, if required;
    - (ii) the amount and form of performance security, if required;
    - (iii) the bid format;
    - (iv) the bid submission methodology;
    - (v) the currency in which a bid is to be submitted;
    - (vi) the procedure for conversion of prices into a single currency for evaluation purposes, including the source and date of exchange rates to be used for conversion;
    - (vii) the currency in which a contract shall be paid; and
    - (viii)the evaluation methodology and criteria;

- (b) the standard bidding forms to be used;
- (c) the schedule of requirements, which shall include—
  - (i) the specification and list of supplies;
  - (ii) a sample of the supplies where required; and
  - (iii) the required delivery terms;
- (d) the draft contract, which shall include—
  - (i) the currency in which the contract shall be paid;
  - (ii) the amount and form of performance security, if required;
  - (iii) the payment terms, including any advance payment, stage payments, payment retentions and payment securities;
  - (iv) the basis for fixed or variable prices, and the method for calculating variations in variable prices, if required;
  - (v) the method of payment;
  - (vi) the documentation required for payment;
  - (vii) the required delivery terms;
  - (viii) any special requirements for packaging, marking and labeling;
  - (ix) the delivery documentation required;
  - (x) any inspection or tests required;
  - (xi) any insurance requirements;
  - (xii) any required warranty; and
  - (xiii) the type of contract to be placed;
- (e) any other terms or conditions which shall be consistent with these Regulations.

(2) Where a procurement is conditional upon the acceptance of a trade-in, the bidding documents shall include details of the asset to be traded in, in order that the cost of the asset is made to offset the cost of the new procurement requirement.

#### 34. Bidding documents for works.

A procuring and disposing entity shall in the bidding documents for works specify the following information—

- (a) the instructions to bidder, which shall include—
  - (i) the amount and form of bid security or form of bidsecuring declaration required;
  - (ii) the bid format;
  - (iii) the currency in which a bid is to be submitted;
  - (iv) the bid submission methodology;
  - (v) the evaluation methodology and criteria; and
  - (vi) the procedure for conversion of prices to a single currency for evaluation purposes, including the source and date of exchange rates to be used for conversion;
- (b) the statement of requirements including—
  - (i) design, specifications, drawings, bill of quantities or equivalent as may be applicable; and
  - (ii) the schedule for execution of the works;
- (c) the proposed form, terms and conditions of contract, including—
  - (i) the type of contract to be placed;
  - (ii) the amount and form performance security, if required;
  - (iii) the currency in which a contract shall be paid;

- (iv) the payment terms, including any advance payments, interim or stage payments or payment retentions and the required payment securities;
- (v) the basis for fixed or variable prices, and the method for calculating variations, if required;
- (vi) the method of payment;
- (vii) the documentation required for payment;
- (viii)the functions and authority of the technical representative of the procuring and disposing entity, if any;
- (ix) any inspection or tests required, and the test methods;
- (x) requirements relating to certification of conformity; and
- (xi) the insurance cover or indemnity required; and
- (d) any other information, terms or conditions which shall be consistent with these Regulations.

# 35. Bidding documents for non-consultancy services.

A procuring and disposing entity shall include in the bidding documents for non-consultancy services—

- (a) instructions to bidders, which shall include—
  - (i) the amount and form of bid security required;
  - (ii) the amount and form of any performance security;
  - (iii) the bid format;
  - (iv) bid submission methodology;
  - (v) currency in which the bid is to be submitted;
  - (vi) the procedure for conversion of prices to a single currency for evaluation purposes, including the source and date of exchange rates to be used for conversion; and

- (vii) the evaluation methodology and criteria;
- (b) the standard bidding forms to be used;
- (c) the schedule of requirements, which shall specify—
  - (i) a description of the non-consultancy services required;
  - (ii) the duration, timing of inputs and completion schedule;
  - (iii) the required deliverables or outputs; and
  - (iv) any requirements with respect to the personnel to be used in the performance of the non-consultancy services;
- (d) the draft contract, which shall include—
  - (i) the currency in which a contract shall be paid;
  - (ii) the payment terms, including any advance payment, stage payments, payment retentions and payment securities;
  - (iii) the basis for fixed or variable prices, and the method for calculating variations in variable prices, where required;
  - (iv) the method of payment;
  - (v) the documentation required for payment;
  - (vi) any requirements for inspection or approvals of the nonconsultancy services provided;
  - (vii) any insurance requirements;
  - (viii) the type of contract to be placed; and
- (e) any other information, terms or conditions which shall be consistent with these Regulations.

#### 36. Alternative bids.

- (1) A procuring and disposing entity shall specify in the bidding documents whether an alternative bid shall be considered.
- (2) A procuring and disposing entity shall permit alternative bids where it is anticipated that a bidder shall be able to offer supplies, works or non consultancy services, which do not conform precisely to the statement of requirements, but which satisfy the objectives of the procurement in an alternative manner.
- (3) An alternative bid shall be permitted in areas of rapidly changing technology or where a need may be satisfied in a number of different ways and the procuring and disposing entity wishes to encourage cost efficient and technically innovative approaches by bidders.
  - (4) The bidding document shall state whether—
  - (a) alternative bids are invited for the complete works, supplies or non-consultancy services; specified parts of the works, supplies or non-consultancy services or for other factors, such as alternative completion schedules; and
  - (b) a bidder shall be required to submit both a main bid which conforms precisely to the statement of requirements and an alternative bid or whether an alternative bid may be submitted without a main bid.
- (5) Where the bidding document permits alternative bids, the bidding document shall state that the alternative bid does not need to conform precisely to the statement of requirements, but that the alternative bid shall—
  - (a) meet the objectives or performance requirements prescribed in the statement of requirements;
  - (b) be substantially within any delivery or completion schedule, budget or other performance parameters stated in the bidding document; and

- (c) clearly state the benefits of the alternative bid over any solution which conforms precisely to the statement of requirements, in terms of technical performance, price, operating costs or any other benefit.
- (6) Where the bidding document permits alternative bids, the procuring and disposing entity shall ascertain that—
  - (a) the statement of requirements contains a clear, accurate and comprehensive description of the objectives or performance requirements of the subject of the procurement; and
  - (b) the method for evaluating alternative technical solutions is specified.

#### 37. Evaluation criteria.

- (1) The evaluation criteria to be used shall be stated in the solicitation document and the evaluation shall be conducted in accordance with the criteria without any amendments to the criteria.
- (2) The evaluation criteria shall be used to assess compliance with the statement of requirements, the ability to perform the proposed contract and the ability to meet the objectives of the procurement.
- (3) The evaluation criteria which is not related to the statement of requirements, the proposed contract or the objectives of the procurement shall not be included in the solicitation document.
- (4) The evaluation criteria shall not be drafted in a way which restricts competition, unless the criteria is required to meet the objectives of the procurement or in accordance with a preference or reservation scheme
- (5) Where criteria is given scores or is weighted, the maximum score or weight allocated shall be directly related to the importance of the criteria to the procurement.

#### 38. Costs to be included in the financial comparison.

- (1) The bidding document shall state the costs which shall be taken into account in the financial comparison and the costs which shall be excluded from the financial comparison.
  - (2) The costs may include—
  - (a) fee rates or unit prices, based on either a fixed or estimated total quantity;
  - (b) reimbursable costs, such as costs for travel, materials or consumables used in the performance of the services or similar costs;
  - (c) costs for packing, packaging, freight and inland delivery;
  - (d) costs for installation and commissioning of equipment;
  - (e) costs for inspection and tests;
  - (f) operating costs, which shall be for the period specified in the bidding document;
  - (g) costs for the servicing and maintenance of equipment and costs for spare parts for equipment, which shall be for the period specified in the bidding document;
  - (h) for works, the total bid price based on the bill of quantities or the schedule of prices and the cost of day work items;
  - (i) duties, taxes or other levies; and
  - (j) cost to cover contingencies.
- (3) Where the evaluation of bids requires the consideration of factors other than cost, the bidding document may also state the way in which non-cost factors will be quantified and expressed in monetary terms for purposes of the financial comparison.

- (4) The financial comparison may include an assessment of the whole life-cycle cost of the equipment which is expected to be in use for a long time or where maintenance and operating costs are a significant proportion of the overall cost.
- (5) The factors referred to in this regulation shall relate to the terms and conditions or performance characteristics of the bid, such as the gain in value of early completion or a penalty for late completion.

#### 39. Discounts in bidding documents and bids.

- (1) The bidding document shall include specific areas in which a bidder can declare the level of discount applicable to the bid.
- (2) A bidder shall be permitted to offer a cross discount that is conditional on the simultaneous award of a contract for other lots contained in the bidding document.

#### 40. Considerations in respect of taxes, duties and levies.

- (1) A bidding document shall state whether taxes, duties and levies shall be included in the evaluated price.
- (2) Where taxes are included, in the case of supplies, a procuring and disposing entity shall—
  - (a) use the delivery terms defined in INCOTERMS to state the export and import taxes, duties or levies that are the responsibility of the provider; and
  - (b) state any other taxes, duties or levies that are the responsibility of the provider.
- (3) Where taxes are included, in the case of non-consultancy services, a procuring and disposing entity shall state the liability to taxes and other charges for the duration of the proposed assignment or project for a provider.

(4) Unless otherwise stated in the bidding document, where a preference scheme applies, the cost of any taxes, duties or levies shall be included in the evaluated price prior to the application of any margin of preference.

#### PART VI—BIDDING.

# 41. Method of inviting bidders.

- (1) A procuring and disposing entity shall invite a bidder to bid—
- (a) by publication of a bid notice;
- (b) through a pre-qualification exercise;
- (c) by development of a shortlist; or
- (d) by direct invitation of a sole or single provider.
- (2) The method used shall be in accordance with the Act and these Regulations.

#### 42. Bid notices.

- (1) A bid notice shall be published in at least one newspaper of wide circulation.
- (2) A bid notice shall be displayed on the website of the Authority and the notice board of the procuring and disposing entity not later than the date of publication of the bid notice and shall be displayed until the deadline for submission of bids.
- (3) For the purposes of subregulation (2), a procuring and disposing entity shall publish an abridged version of the notice in at least one newspaper of wide circulation, indicating the website where the full version of the notice is published.

#### 43. Shortlist of bidders.

- (1) A shortlist shall include at least three bidders to ensure competition.
- (2) Where it is not practicable for a procuring and disposing entity to obtain at least three bidders the contracts committee may approve a shortlist of less than three bidders.
- (3) A procuring and disposing entity shall when developing a shortlist for procurement requirements use the list of providers prequalified by the procuring and disposing entity for a group of contracts under regulation 22 or—
  - (a) the register of providers of the Authority;
  - (b) the list of pre-qualified providers of another procuring and disposing entity; or
  - (c) the knowledge of the market by the procuring and disposing entity.
- (4) Where a procuring and disposing entity develops a shortlist, the following shall be taken into account—
  - (a) a fair and equal opportunity shall be afforded to all bidders and there shall be no barrier created to deter competition;
  - (b) a bidder shall not be included unless they are expected to fully satisfy the eligibility requirements; and
  - (c) a bidder shall not be included unless they are expected to fully satisfy the qualification requirements of competence, capacity, resources and experience required for the execution of the procurement.
- (5) The procuring and disposing unit shall before issuing the bidding document, using Part II of Form 5 in the Schedule, record the proposed shortlist, with reasons for the selection of each bidder, and submit it to the contracts committee for approval.

(6) The approved shortlist shall be displayed on the procurement and disposal notice board of the procuring and disposing entity, not later than the date of issue of the invitation and shall remain on display until the closing date for submission of bids.

## 44. Invitation of a single source provider or sole source provider.

- (1) A procuring and disposing entity shall use the following information to identify a single source provider or a sole source provider of a procurement requirement—
  - (a) the list of pre-qualified providers of the procuring and disposing entity;
  - (b) the register of providers of the Authority;
  - (c) the list of pre-qualified providers of any other procuring and disposing entity; or
  - (d) the procuring and disposing entity's own knowledge of the market.
  - (2) When selecting a single source provider—
  - (a) the procuring and disposing entity shall ascertain that the selected single source provider is eligible and qualified before recommending the source; and
  - (b) where possible, the provider shall not be informed that the proposed procurement is based on a single source.
- (3) Where a sole source provider exists, the procuring and disposing entity shall verify that only a sole source provider exists and ensure that the sole bidder is eligible and qualified before recommending the source.
- (4) The procurement and disposal unit shall, before issuing the bidding document, using Part II of Form 5 in the Schedule, record the proposed single source provider or sole source provider, with reasons for the selection of a single source provider or reasons why there is only a sole source provider, and submitted to the contracts committee for approval.

(5) The approved single or sole source shall be displayed on the notice board of the procuring and disposing entity, not later than the date of issue of the invitation and shall remain on display until after the closing date for submission of bids.

## 45. How to determine the bidding period.

- (1) The bidding period shall start on the date the bid notice is first published or on the date of availability of the bidding document to bidders, whichever is later and shall end on the deadline for submission of bids by bidders.
- (2) The bidding period shall be determined taking into consideration—
  - (a) the time required for the potential bidders to obtain the bidding document from the procuring and disposing entity;
  - (b) the time required for the preparation of bids, taking into account the level of detail required and the complexity of the bidding;
  - (c) the need for bidders to submit authenticated legal documents or similar documents as part of the bids and the time required to obtain the documents;
  - (d) the location of shortlisted or potential bidders and the time required for obtaining bidding documents and for the delivery and submission of bids to the procuring and disposing entity;
  - (e) the anticipated duration of the procurement process; and
  - (f) the minimum bidding period.

## 46. Minimum bidding period.

- (1) The minimum bidding period in respect of each procurement method is—
  - (a) twenty working days for the open domestic bidding method;
  - (b) thirty working days for the open international bidding method;

- (c) twelve working days for the restricted domestic bidding method;
- (d) twenty working days for the restricted international bidding method; and
- (e) five working days for the quotations method.
- (2) The direct procurement method shall not have a minimum bidding period.
- (3) Where the publication of a bid notice or the availability of the bidding document, is delayed, the deadline for submission of bids shall be extended appropriately so that the minimum bidding period is complied with.

## 47. Issue and sale of bidding documents.

- (1) A procuring and disposing entity shall issue or sell bidding documents to—
  - (a) a bidder who requests the documents, in the case of open bidding;
  - (b) a single source provider or a sole source provider approved by the contracts committee, in the case of direct procurement; and
  - (c) a bidder on the shortlist approved by the contracts committee, in the case of all other methods of procurement.
- (2) Where bidding documents are sold, the procuring and disposing entity shall allow a potential bidder to inspect the bidding documents before purchase.
- (3) A procuring and disposing entity shall record the issue or sale of all bidding documents using Form 8 in the Schedule.
- (4) Bidding documents may be sold in order to recover the cost of printing, copying and distribution and the price shall be calculated to cover only these costs and shall not include any profit.

- (5) The price of the bidding documents shall be approved by the contracts committee before issuing the bid notice or bidding documents and shall be included in the bid notice.
- (6) Where bidding documents are sold, a procuring and disposing entity shall issue signed receipts for payment to bidders.

# 48. Bidding documents not obtained directly from a procuring and disposing entity.

A bid shall be rejected during the preliminary examination of bids, if the bid is received from a bidder who—

- (a) is not listed on Form 8 as having bought or obtained the bidding document directly from the procuring and disposing entity; or
- (b) is not included on the shortlist approved by the Contracts Committee.

# 49. Clarification and amendment of bidding documents.

- (1) The bidding documents shall state that a bidder may seek clarification on the bidding documents and shall state the date by which the clarification shall be sought.
- (2) In determining the date referred to in subregulation (1) a procuring and disposing entity shall provide adequate time for all bidders to receive and study the bidding documents.
- (3) Where a request for clarification is received, the procuring and disposing entity shall promptly provide a clarification in writing and the clarification shall be copied to all bidders to whom the bidding documents were issued, and shall include a description of the request without identifying the source of the request.
- (4) At any time before the deadline for submission of bids, the procuring and disposing entity may, at its own initiative or in response to a request for clarification from a bidder, amend the bidding documents by issuing an addendum.

- (5) A clarification made by the procuring and disposing entity shall not be taken as an addendum to the bidding documents.
- (6) To give a bidder reasonable time during which to take an addendum into account in preparing a bid, the procuring and disposing entity shall, where less than one third of the bidding period remains, extend the deadline for the submission of bids by a reasonable period.
- (7) Where more than one third of the bidding period remains, the procuring and disposing entity may, at its discretion, extend the deadline for the submission of bids.
- (8) The addendum, including any extension to the bidding period, shall be issued in writing and the same information shall be provided to all the bidders.
- (9) A procuring and disposing entity shall obtain proof of receipt of the addendum by a bidder.
- (10) All addenda to bidding documents shall be approved by the contracts committee before being issued to bidders and shall be numbered sequentially.
- (11) All clarifications and addenda to the bidding documents shall be binding on all the bidders.
- (12) The procurement and disposal unit shall seek approval of the addendum by the Contracts Committee using Form 9 in the Schedule.

#### 50. Pre-bid meetings.

- (1) A procuring and disposing entity may hold pre-bid meetings to allow potential bidders to seek clarification or access to project sites where applicable.
- (2) Where holding a pre-bid meeting is required, the notice to attend the meeting shall be included in the bidding document and any bid notice and where the procurement is under the international bidding method, the period of the notice shall be extended.

- (3) A potential bidder shall be given sufficient notice of the pre-bid meeting to offer reasonable opportunity for the bidder to attend.
- (4) A pre-bid meeting shall allow sufficient time before the deadline for bidding to enable a bidder to take any additional information into account in preparing the bid.
- (5) The minutes of a pre-bid meeting shall be recorded using Form 10 in the Schedule and copies of the minutes shall be provided to all bidders who purchased bidding documents or to whom the bidding documents were issued.
- (6) A pre-bid meeting shall be managed by the procurement and disposal unit and the user department shall be represented at the pre-bid meeting.

#### 51. Format and content of bids.

The bidding documents shall contain instructions to bidders on—

- (a) the format and content required in bids;
- (b) the requirements for signing and authorising bids; and
- (c) the number of copies of bids to be submitted, which shall be the original bid marked "ORIGINAL" and a specified number of copies, each marked "COPY".

#### 52. Bid validity period and extensions

- (1) The bidding documents shall state the date up to which a bid shall be valid.
- (2) A bid shall remain valid until the close of business on the last day of the validity period.
- (3) When determining the duration of a bid validity period, sufficient time shall be allowed to enable—

- (a) the procuring and disposing entity to undertake evaluation, post-qualification and negotiation exercises, as may be appropriate;
- (b) the contracts committee to adjudicate the award of contract recommendation;
- (c) a bidder to challenge the award decision before a contract is formed; and
- (d) the procurement and disposal unit to prepare a letter of bid acceptance or the contract document and obtain all necessary approvals prior to issue of the letter or document, within the validity period of the bid.
- (4) A procuring and disposing entity shall not request for an extension to the initial period of bid validity from a bidder.
- (5) Where an extension to the bid validity period becomes necessary, a bidder shall be requested in writing, before the expiry of validity of their bid, to extend the validity for a specified period to complete the process outlined in subregulation (3).
- (6) In extending the validity of a bid, the bidder shall not be permitted to change the price or any other details of the bid.
- (7) A bidder may refuse to extend the validity of the bid, and where the bidder refuses to do so, the bidder shall not forfeit the bid security.

## 53. Bid security and bid securing declaration.

- (1) A bidding document shall state any requirement for a bid security or bid securing declaration.
- (2) The amount of a bid security or the terms of a bid securing declaration shall be specified in guidelines issued by the Authority.
- (3) The purpose of a bid security and a bid securing declaration shall be to encourage bidders fulfill the conditions of the bids and to deter irresponsible and unserious bidders from bidding.

- (4) A procuring and disposing entity shall require a bid security to be—
  - (a) in a format provided by the Authority as shall be included in the bidding documents;
  - (b) in a form and from an institution that is specified in guidelines issued by the Authority after consulting the Bank of Uganda; and
  - (c) valid up to the date prescribed in the bidding documents.
- (5) A bid security shall be valid for at least twenty eight days after the expiry of the bid.
- (6) A bid security shall be released promptly by a procuring and disposing entity to an unsuccessful bidder upon expiry of the term of the security or upon the formation of a contract with the successful bidder and submission of a valid performance security or upon request by the unsuccessful bidder after publication of the notice of best evaluated bidder.
- (7) The bid security of the successful bidder shall not be returned to the bidder until a corresponding performance security is received, where it is required by the contract.
- (8) The proposed release of a bid security shall be communicated to the bidder and the bid security returned in accordance with the instructions of the bidder.
- (9) A procuring and disposing entity shall require a bid securing declaration where the restricted domestic bidding and quotations procurement methods are used.
- (10) Where a bidder breaches the bid securing declaration, the procuring and disposal entity shall immediately notify the Authority.
- (11) The Authority may in accordance with Section 94 of the Act, suspend a bidder who breaches a bid securing declaration.

## 54. Forfeiture of bid security.

The conditions for forfeiture of a bid security shall be specified in the bidding document and shall include—

- (a) the withdrawal of a bid by a bidder during the period of bid validity; and
- (b) failure by a successful bidder to—
  - (i) accept the correction of the bid price;
  - (ii) sign the contract within the specified period; or
  - (iii) furnish the required performance security within the specified period.

#### 55. Bid currency.

The bidding documents shall state any limitations on the currency of the bid and the payment that shall apply to the procurement proceedings and the contract.

#### 56. Bid submission methods.

- (1) The bidding documents shall contain instructions on the method of bid submission.
- (2) The one stage-single envelope method shall be the used for the procurement of goods, works and non consultancy services.
- (3) Under the one stage-single envelope method, a bid shall be submitted in one sealed envelope, which is opened on the specified date and time in a single bid opening.
- (4) Notwithstanding subregulation (2), where necessary, in the case of procurement of design and build, text books and information technology systems, the bid submission method may be—
  - (a) the one stage-two envelope method, in which a bid is submitted in an outer sealed envelope, containing two separately sealed and labeled technical and financial bids, which are opened on different dates in separate bid openings; or

- (b) the two stage method, in which—
  - (i) during the first stage, only the technical bid is submitted, opened and evaluated; and
  - (ii) during the second stage, a revised technical bid and a financial bid are submitted, opened and evaluated together.
- (5) Where the two stage method is used, a bidder shall be invited to submit a revised technical bid and financial bid during the second stage, unless the bidder has been declared non compliant or non responsive.
- (6) The bid submission method to be used shall be selected using the rules for the applicable evaluation methodology and guided by the following-
  - (a) the one stage-single envelope method shall be used under technical compliance evaluation method where all stages of the evaluation are to be conducted together;
  - (b) the one stage-two envelope method shall be used where the detailed technical evaluation is to be conducted without reference to the financial bid; and
  - (c) the two stage method shall be used for large and complex contracts, where technically unequal bids are likely to be received and more than one equally acceptable technical solution is available to the procuring and disposing entity, which needs to ensure that all technical bids conform to the same technical standard before a financial bid is prepared.
- (7) The bidding documents shall state that the bid shall be submitted in a plain securely sealed outer envelope, so that opening and resealing of the envelope cannot be achieved undetected.
- (8) The bidding documents shall contain instructions on the information to be provided on the envelope, including—

- (a) the procurement reference number;
- (b) the name of the bidder;
- (c) the words, "TECHNICAL" or "FINANCIAL" where the one stage-two envelope or two stage bid submission method is used;
- (d) the words "WITHDRAWAL" "MODIFICATION" or "REPLACEMENT" where a bid is withdrawn, modified or replaced; and
- (e) the words "NOT TO BE OPENED BEFORE THE DATE AND TIME OF THE BID OPENING".
- (9) The bidding documents shall state that where a bid is not properly marked or sealed in accordance with this regulation, the procuring and disposing entity shall not be responsible for opening a bid when it should not be opened or misplacing the bid.
- (10) Where alternative bids are permitted and a bidder submits more than one bid, each bid shall be submitted as a completely separate bid and shall conform to the instructions for preparation and submission of bids in its own right, without any reliance on any other bid.
- (11) For the purposes of subregulation (10) each bid shall be separately signed, authorised, sealed, labelled and shall be submitted in accordance with the instructions for submission of bids and shall be accompanied by a separate bid security or bid-securing declaration, if so required, and labelled "Main Bid" or "Alternative Bid", as the case may be.

## 57. Withdrawal, replacement and modification of bids.

- (1) The bidding documents shall contain instructions that a bidder may, at any time before the deadline for submission of bids—
  - (a) withdraw the bid;
  - (b) submit a replacement bid; or
  - (c) modify the bid.

- (2) The bidding documents shall specify the procedure for withdrawal, replacement or modification of a bid and shall state that the deadline for withdrawal, replacement or modification shall be the same as the deadline for submission of bids.
- (3) Withdrawal shall be by submission of a letter notifying the procuring and disposing entity of the withdrawal and shall be authorised and submitted in the same way as the bid.
- (4) Modification shall be by submission of a letter notifying the procuring and disposing entity of the part of the original bid being modified and shall be authorized and submitted in the same way as the original bid.
- (5) The envelope containing the letter withdrawing abid shall be clearly marked, "WITHDRAWAL".
- (6) The envelope containing the letter withdrawing the bid shall be clearly marked, "MODIFICATION".
- (7) A bidder withdrawing a bid may submit a new bid in accordance with the bid submission instructions in the bidding document and the envelope containing the new bid shall be clearly marked "REPLACEMENT".
- (8) A bid shall only be modified, replaced or withdrawn in accordance with this regulation and any modification, replacement or withdrawal submitted in any other way shall not be taken into account in the evaluation of bids.

# 58. Methods of receipt of bids.

- (1) A procuring or disposing entity shall receive bids—
- (a) through the staff of the procurement and disposal unit, in person, who shall acknowledge a receipt; or
- (b) by use of a bid box.

(2) Where a bid is delivered by courier, a procuring and disposing entity shall not be held liable where the bid is lost or delivered late by the courier to the procuring and disposing entity.

#### 59. Receipt of bids in person and closing of submission of bids.

- (1) A member of the Procurement and Disposal Unit shall be available at the location for submission of proposals, for a reasonable period of time before the deadline for submission, to receive proposals and to issue receipts.
- (2) The procurement and disposal unit shall issue a signed receipt for each bid received, stating the date and time the bid is received.
- (3) A procuring and disposing entity shall maintain a record of all the bids received, using Form 11 in the Schedule.
- (4) The process of submission of bids shall be closed at the deadline for submitting bids.
- (5) A bid that is brought to the location of submission of bids after the deadline for submission shall not be accepted or received by the procuring and disposing entity.
- (6) A bid that is submitted after the deadline for submission of bids shall be labelled "LATE", and shall be returned unopened to the bidder or shall be destroyed, where the bid is not labelled with the name of the bidder.
- (7) The closure of the process of submission of proposals shall be managed by at least one member of the procurement and disposal unit and shall be witnessed by a member of the contracts committee or the user department.
- (8) The persons referred to in subregulation (7) shall sign Form 11 in the Schedule to confirm that bidding closed at the at the deadline for submission of bids.

(9) Immediately after the closure of the process of submission of bids, the bids received shall be moved to the location where the bids are to be opened.

#### 60. Receipt of bids by bid box and closing of submission of bids.

- (1) A Procurement and Disposal Unit shall provide a box for submission of bids which shall be accessible to bidders during working hours until the deadline for submission of bids.
- (2) Where a bid is too large to be placed in the bid box, a member of the Procurement and Disposal Unit shall receive the bid and issue a receipt to the bidder.
- (3) Where a procuring and disposing entity considers it appropriate, it may require a bidder to register the bid before placing the bid in the bid box.
- (4) The process of submission of bids shall be closed at the deadline for submission of bids by sealing the bid box.
- (5) A bid that is brought to the location for submission of bids after the deadline for submission shall not be placed in the box or accepted in any other way.
- (6) The closure of the process of submission of bids shall be managed by at least one member of the procurement and disposal unit and shall be witnessed by a member of the contracts committee or a person nominated by the user department.
- (7) The persons referred to in subregulation (6) shall sign Form 11 in the Schedule to confirm that the bid box was sealed at the deadline for submission of bids.
- (8) Immediately after the closure of the process of submission of bids, the bids received shall be moved to the location where the bids are to be opened.
- (9) The bid box shall not be opened before the public opening session.

#### 61. Change to bid details.

- (1) The bidding documents shall state that a change in the substance of a bid including changes in price shall not be sought, allowed or offered after bid closing.
- (2) The bidding documents shall state that a bidder who attempts to make changes to a bid after closure of the process of submission of bids shall be reported to the Authority and that the bid shall be rejected by the procuring and disposing entity.

## 62. Notification to bidders of public bid opening.

- (1) The bids submitted under the open bidding method or the restricted bidding method shall be opened at a public bid opening session.
- (2) The bidding documents of the open bidding method or the restricted bidding method shall contain instructions to bidders regarding—
  - (a) the date and time of the bid opening session;
  - (b) the location of the bid opening session; and
  - (c) the information to be read out and recorded at the bid opening session.
- (3) For the purposes of subregulation (2)(a) bid opening shall be immediately be after bid closing.

# 63. Representation of bidder at public bid opening.

- (1) Public bid opening shall be conducted in the presence of a bidder who chooses to attend or a representative of a bidder.
- (2) The procuring and disposing entity shall permit a bidder or a representative of a bidder to confirm that the bid is intact and sealed and no addition, deletion or modification to the exterior or the contents of the sealed bid shall be permitted.

(3) A bidder or a representative of a bidder may ask questions after the bids are opened, but a procuring and disposing entity shall not enter into discussion on the specific details of any bid.

#### 64. Information to be read out at bid opening.

- (1) The information to be read out at a bid opening session shall be in accordance with the bidding document and shall include—
  - (a) the name of the bidder;
  - (b) the presence or absence of a bid security and the form or amount of any bid security, where bid security was requested in the bidding document;
  - (c) the total price of the bid, including the currency and amount or discount;
  - (d) the technical score obtained by the bid under the one stage-two envelope, the two stage-two envelope or the two stage submission methods, as may be applicable;
  - (e) where applicable, whether a power of attorney is submitted or not; and
  - (f) any other information required as may be stated in the bidding documents.
- (2) The information in subregulation (1) may be varied where it is required by an alternative bid submission or evaluation methodology.

# 65. Procedure for public bid opening.

- (1) The public opening of bids shall be managed by the procurement and disposal unit and shall be witnessed by a member of the contracts committee or a person nominated by the user department.
- (2) At the public opening, the Procurement and Disposal Unit shall first manage the envelopes marked "WITHDRAWAL" by reading out the names of the bidders as indicated on the envelopes and returning the sealed envelopes to the bidder.

- (3) A bid shall be accepted as withdrawn where the withdrawal notice is in accordance with the instructions for withdrawal of bids stated in the bidding documents and in accordance with subregulation (2).
- (4) The Procurement and Disposal Unit shall open all the other envelopes including the envelopes marked "REPLACEMENT" OR "MODIFICATION" and read out the information that is required by the bidding documents to be read out at the public opening session.
- (5) A modified or replacement bid shall be recorded as such in the record of the bid opening session.
- (6) The key pages of a bid, including the typed pages that are unique to the bid, the bid form, the bid submission sheet and the pages containing financial information shall be endorsed with the stamp of the procuring and disposing entity and signed or initialled by the chairperson of the opening session.
- (7) A bid shall not be accepted, rejected or evaluated in any way at the public bid opening.
- (8) The procuring and disposing entity shall note the discrepancies in a bid or documents missing in a bid, if any, in the record of the bid opening session, but shall not otherwise comment on the discrepancies or documents missing.
- (9) The public bid opening shall be recorded using Form 12 in the Schedule.
- (10) A person who attends or participates in a bid opening session shall sign Part II of Form 12 in the Schedule.
- (11) After all bids are opened, read out and recorded, the record of the bid opening session and shall be signed by the chairperson and the secretary.
- (12) Copies of the record shall upon request, be made available to a bidder or a representative of a bidder.

(13) The record of the bid opening shall be posted on the procurement and disposal notice board of the procuring and disposing entity, within one working day after the opening session and shall be displayed for a minimum of seven working days.

# 66. Complaints on the bidding process.

- (1) A member of a procuring and disposing entity, who suspects collusion between bidders, may request the Authority to investigate the matter.
- (2) A member of a procuring and disposing entity who suspects mismanagement or malpractice of a procurement or disposal process within the procuring and disposing entity, shall report this to the accounting officer, who shall take the appropriate action.
- (3) A bidder may complain about the bidding process in accordance with the Public Procurement and Disposal of Assets (Administrative Review) Regulations, 2014.

### SCHEDULE 1

### **FORM 5**

Regulation 3(5), 12 (3), 13(3), 14(4), 15(4), 17(2), 44(4)

# THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

## REQUEST FOR APPROVAL OF PROCUREMENT

# PART I— REQUEST BY USER DEPARTMENT FOR APPROVAL OF PROCUREMENT

Procurement Reference Number	3 and Disposing Supplies/Works/ Financial year Sequence number ty	
	Code of Procuring and Disposing Entity	

	Particulars of Procurement
Subject of procurement	
Procurement Plan Reference	
Location for delivery	
Date required	

		De	Details relating to the Procurement	Procurement			
Item No.	(Attach specifica	Description (Attach specifications, terms of reference or scope of works)	or scope of works)	Quantity	Unit of Measure	Estimated Unit Cost	Market Price of the procurement
				Currency:		Estimated Total Cost	
	(1) <b>Reque</b> (Member o	(1) Request for procurement (Member of user department)		(2) Cor (Head	(2) Confirmation of request (Head of user department)	st lent)	
Name:	,	•		,	•		
Signature:	.e:						
Title:							
Date:							
Availal	bility of funds to l	be confirmed prior	Availability of funds to be confirmed prior to approval by Accounting Officer	ounting Offic	er		
Vote/head No	ead No	Programme	Sub-programme	Item	u	Balance remaining	aining
	(3) Confirmation of (Accounting Officer)	(3) Confirmation of funding and approval to procure (Accounting Officer)	approval to procure				
Name:							
Signature:_	.e.						
Title:							
Date:							

### PART II: REQUEST BY PROCUREMENT AND DISPOSAL UNIT TO CONTRACTS COMMITTEE FOR APPROVAL OF PROCUREMENT METHOD

Submission by the Procurement	rement	Decision by the	Conditions/
 and Disposal Unit		Contracts Committee	justification for decision
Date of submission to Contracts Committee		Date/reference of Contracts Committee meeting	
Recommended method of procurement and justification			
Names of shortlisted provider(s) and justification for selection			
Persons involved in preparation of the bidding document (Names and positions)			
Names of persons recommended to constitute the evaluation committee and justification (Names and positions)			
Cost of the bidding documents, if any			
Any other information			

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ments atta	idding docu
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Name:	Position:	Signature:	Date:

### Declaration by Contracts Committee

The information contained in this Form is a true and accurate record of the decision of the Contracts
Committee meeting held on the above mentioned date

Committee			
Contracts (			
Position: Chairperson Contracts Committee			
Position: C	Signature:_	Date:	

Name:

	nittee	
	cts Comr	
	y Contra	
	Secretar	
Name:	Position: Secretary Contracts Committee	Signature:

Date:

FORM 6

Regulation 18(2)

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

### REQUEST BY THE PROCUREMENT AND DISPOSAL UNIT FOR APPROVAL OF PRE-QUALIFICATION

Procurement Reference Number	uring and Disposing Supplies/Works/ Financial year Sequence number  Entity Sequence number	
	Code of Procuring and Disposing Entity	

	Particulars of Pre-qualification
Subject of pre-qualification	
Procurement Plan Reference	

	Submission by the Procurement and Disposal Unit	rement t	Decision by the Contracts Committee	Conditions/ justification for decision
	Date of submission to Contracts Committee		Date/reference of Contracts Committee meeting	
1.	Recommended method of procurement and justification			
2.	Names of shortlisted provider(s) and justification for selection			
હ	Persons involved in preparation of the bidding document (Names and positions)			
4.	Names of persons recommended to constitute the evaluation committee and justification (Names and positions)			
5.	Cost of the bidding documents, if any			
9.	Any other information			

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### 1. Bidding document

Procurement and Disposal of Public Assets Act, 2003. Declaration by Procurement and Disposal Unit The information contained in this Form and the accurate and is in accordance with the Public attached documents is complete, true and

Name:	
Position:	
Signature:	
Date:	

### Declaration by Contracts Committee

The information contained in this Form is a true and Committee meeting held on the above mentioned date accurate record of the decision of the Contracts

4)	
ate	

Position: Chairperson Contracts Committee

Signature:

Name:

	Committe
	Position: Secretary Contracts Committe
	Secretary
Valle:	osition:

Signature: Date: THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSESTS ACT, 2003

### $\frac{\textbf{REPORT OF ASSESSMENT AND PRE-QUALIFICATION}}{\textbf{EVALUATION}}$

F	Procurement Reference	Number	
Code of Procuring and Disposing Entity	Supplies/Works/ Non-consultancy services	Financial year	Sequence number

1.	INT	RODUCTION
	<b>(1)</b>	PRE-QUALIFICATION FOR SINGLE REQUIREMENTS
		(a) The requirement is for [subject of procurement]
		(b) The procurement method used and approved by the
		Contracts Committee was [open domestic bidding/open international bidding] with pre-qualification.
	(2)	PRE-QUALIFICATION FOR A GROUP OF CONTRACTS
		The pre-qualification is for a group of contracts for [subject of procurement]
2.	DET	AILS OF INVITATION
	(1)	The pre-qualification document was approved by the Contracts Committee on [date]
	(2)	The pre-qualification notice was advertised on [date]
		in [name of newspaper/publication]
	(3)	The list of bidders who requested and were issued with the pre-
		qualification document was recorded using Form 8 which is attached.
3.	DET	AILS OF BID CLOSING
	(1)	Bidding was closed on [date]at [time]
		at [location]
	(2)	
		Form 11 which is attached

+.	(1)	A public bid opening was held at [location]
	(1)	on [date] at [time]
	(2)	The bid opening and attendance was recorded using Form 12 which is attached.
5.		TAILS OF EVALUATION COMMITTEE
		Evaluation Committee approved by the Contracts Committee on
		e] comprised: ne][Designation and Department]
		ne][Designation and Department]  [Designation and Department]
		ne][Designation and Department] ne][Designation and Department]
	_	me][Designation and Department]
	[1100	nej
	(1)	All pre-qualification submissions received were evaluated against the criteria stated in the pre-qualification document/notice. [Give a brief narrative on the result of the evaluation and detailed justification with reasons why any pre-qualification submissions were declared non responsive.]
	(2)	On the basis of the pre-qualification criteria stated,
	(3)	Recommendation
		(a) Pre-qualification for single requirements
		It is recommended that [number] providers be invited to bid, as listed below:  1
		(b) Pre-qualification for a group of contracts  It is recommended that [number] providers be retained on file as pre-qualified and used on future shortlists for [subject of progurament]

### 7. DISAGREEMENT BY THE EVALUATION COMMITTEE

The evaluation committee could not reach a unanimous decision on the pre-qualification and this report details the view of the majority of the team.

[Give details of the issues where the team disagreed, the discussions held, the alternative views and the names of those with alternative views].

### **Signed by the Evaluation Committee:**

We confirm that this pre-qualification report gives a complete and accurate record of the pre-qualification conducted:

Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

### **Annexes:**

Form 8: Record of sale or issue of bidding documents or addenda

Form 11: Record of receipt of bids

Form 12: Record of bid opening

Summary of pre-qualification evaluation

Shortlist of pre-qualified bidders

### 8. DOCUMENTS AVAILABLE FROM THE PROCUREMENT AND DISPOSAL UNIT:

Copy of the pre-qualification document.

Copy of the pre-qualification notice

Copy of all pre-qualification submissions.

## SUMMARY OF PRE-QUALIFICATION EVALUATION

	Procurement Reference Number	er	
Code of Procuring and Disposing Entity	Code of Procuring and Disposing Entity   Supplies/Works/Non-consultancy services   Financial year	Financial year	Sequence number
Subject of pre – qualification:			
N	,	,	

Company Name	1	2	3	4	w	9
<b>Pre-qualification criteria</b> {List all criteria in accordance with the pre-qualification document or notice. Criteria shown are examples only}.						
Experience/performance on similar contracts in the country/region/internationally	Q/NQ	Q/NQ	Q/NQ	Q/NQ	Q/NQ	Q/NQ
Equipment and manufacturing/construction facilities	Q/NQ	Q/NQ	Q/NQ	Q/NQ	Q/NQ	Q/NQ
Qualifications and experience of personnel	Q/NQ	Q/NQ	Q/NQ	Q/NQ	Q/NQ	Q/NQ
Financial capability to perform the contract	Q/NQ	Q/NQ	Q/NQ	Q/NQ	Q/NQ	Q/NQ
Local facilities or representation	Q/NQ	Q/NQ	Q/NQ	Q/NQ	Q/NQ	Q/NQ
Available capacity	Q/NQ	Q/NQ	Q/NQ	Q/NQ	Q/NQ	Q/NQ
Recommendation	O/NO	Ø/NØ	ON/O	ON/O	O/NQ	Q/NQ

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Q = Qualified NQ = Not Q
Q = Qualified NQ = Not Q
Q = Qualified NQ = Not Q
Qualified $NQ = Not Q$

As a result of this pre-qualification evaluation,	companies were declared qualified andcc	companies wer
declared not qualified.		
Name:	Position:	
Signature:	Date:	
On behalf of the Evaluation Committee		

FORM 8

Regulation 47 (3)

# THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

## RECORD OF SALE OR ISSUE OF BIDDING DOCUMENTS OR ADDENDA

	Sequence number	
ce Number	Financial year	
Procurement Reference Nun	Supplies/Works/ Non-consultancy services	
	Code of Procuring and Disposing Entity	

Particul	Particulars of Procurement
Subject of procurement	
Date of publication of bid notice	
Date of bid document or addendum is available	
Addendum number	

	Name and signature of officer issuing document	
	Signature of person issued with document	
or Addendum	Name and address of perso issued with document	
Particulars of Issue of Bidding Documents or Addendum	Date and time of issue of documents	
ue of Biddi	Fee paid	
ticulars of Iss	Date of application for the document	
Par	Name and address of bidder	
	No.	

I hereby certify that the above is a true and accurate record of the issue of bidding documents.

Position: Date:

Name:	Signature:

FORM 9

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

## REQUEST FOR APPROVAL OF ADDENDUM TO BIDDING DOCUMENT

	Procurement Reference Number	nber	
Code of Procuring and Disposing Entity	Supplies/Works/ Non-consultancy services	Financial year	Sequence number
	Particulars of Procurement	nt	
Subject of procurement			

	Submission by the Procurement and Disposal Unit	Decision by the Contracts Committee	the	Conditions/ justification for decision
	Date of submission to Contracts Committee	Date/reference of Contracts Committee meeting	ittee	
1.	Number of times (if any) has the bidding document been amended previously.			
2.	Description of proposed Addendum to bidding document			
<i>.</i> 6	Reasons for Addendum			
4.	Proposed extension to deadline (if any)			
5.	Any other relevant information			

Documents attached:

1. Addendum to bidding documents

Procurement and Disposal of Public Assets Act, 2003. Declaration by Procurement and Disposal Unit The information contained in this Form and the accurate and is in accordance with the Public attached documents is complete, true and

Signature: Position:

Name:

Declaration by Contracts Committee

The information contained in this Form is a true and

Committee meeting held on the above mentioned date accurate record of the decision of the Contracts

Signature: Date:

Position: Chairperson Contracts Committee

Name:

Position: Secretary Contracts Committee Name:

Signature:\_ Date:

Date:

FORM 10

Regulation 50 (5)

# THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

## RECORD OF MINUTES OF THE PRE-BID MEETING

	Procurement Reference Number	ıber	
rocuring and Disposing Entity	Supplies/Works/ Non-consultancy services	Financial year	Sequence number

Particulars	Particulars of Procurement
Subject of procurement	
Location of Pre-bid Meeting	
Date and time of Meeting	

Record of Pre-bid Meeting Minutes	Response given		
Record of Pre-l	Question asked		

Certification of minutes as a true and accurate record of the proceedings of the meeting.

Position:	Date:
Name:	Signature:

### SCHEDULE 1

### **FORM 5**

Regulation 3(5), 12 (3), 13(3), 14(4), 15(4), 17(2), 44(4)

# THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

## REQUEST FOR APPROVAL OF PROCUREMENT

# PART I— REQUEST BY USER DEPARTMENT FOR APPROVAL OF PROCUREMENT

	Procurement Reference Number	nber	
Code of Procuring and Disposing Entity	Supplies/Works/ Non-consultancy services	Financial year	Sequence number

	Particulars of Procurement
Subject of procurement	
Procurement Plan Reference	
Location for delivery	
Date required	

### FORM 11

### Regulation 59 (3), 59(8) and 60(7) THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

### RECORD OF BIDS RECEIVED

		Procu	rement Re	Procurement Reference Number	er			
Code	Code of Procuring and Disposing Entity	Su Non-cc	Supplies/Works/ Non-consultancy services	s/ rvices	Financial year		Sequence number	
		Pa	rticulars of	Particulars of procurement				
Subje	Subject of procurement							
Deadli	Deadline for bid submission (Date and time)	and time)						
Locati	Location of bid closing							
		Partic	lars of rece	Particulars of receipt or bid closing	ng			
;	Name and address	Date of	Time of	Number of	Method of receipt:	Name of officer who	Signature of officer who	
o N	of bidder	receipt	receipt	envelopes	person/ bid box	received the	receives the	

### **FORM 12**

# THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

### RECORD OF BID OPENING

		Procuremen	Procurement Reference Number	lber		
Code c	Code of Procuring and Disposing Entity	Supplies/Works/ Non-consultancy services	Works/ ncy services	Financial year	Sequence number	number
		Particula	Particulars of Procurement			
Subject	Subject of procurement					
Date an	Date and time of bid opening					
Location	Location for bid opening					
Type of Technic	Type of opening Technical/Financial/ Combined opening	gui				
		PART 1 PARTICIL ARS OF BID OPENING	TI ARS OF RID C	PENING		
Ž	Name and address	Currency and	Bid security	Bid security	Number of	Power of
	of bidder	price as read out	price as read out received* (Yes/No)	amount*	copies	Attorney
Name:			Position:_			
Signature:	re:		Date:			
Name:			Position:_			
Signature:	re:		Date:			

	Signature					
TTENDANCE	Company or Department					
PART II—RECORD OF ATTENDANCE	Position					
PARTII	Name and address					
	No.					

### MARIA KIWANUKA,

Minister of Finance, Planning and Economic Development.

### STATUTORY INSTRUMENTS SUPPLEMENT No. 3

14th February, 2014

### STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated 14th February, 2014 Printed by UPPC, Entebbe, by Order of the Government.

### S T A T U T O R Y I N S T R U M E N T S

### 2014 No. 9.

### THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS (EVALUATION) REGULATIONS, 2014.

### ARRANGEMENT OF REGULATIONS

### Regulation

- 1. Title.
- 2. Interpretation.

### **Evaluation Committee**

- 3. Evaluation Committee.
- 4. Chairperson of evaluation committee.
- 5. Meetings of evaluation committee.

### Evaluation of bids

- 6. Evaluation of bids for supplies, works and non-consultancy services.
- 7. Evaluation criteria.
- 8. Receipt and evaluation of single bid or of limited number of bids.
- 9. No changes to bids.
- 10. Request for clarification of bids.
- 11. Correction of non-conformities and omissions.
- 12. Evaluation of alternative technical bids.
- 13. Costs to be included in comparison of financial bids.
- 14. Correction of arithmetic errors.

### Evaluation of bids using the technical compliance evaluation method

15. Stages of evaluation using the technical compliance evaluation method.

### Regulation

- 16. Preliminary examination.
- 17. Eligibility of bidder.
- 18. Administrative compliance.
- 19. Detailed evaluation.
- 20. Product demonstration.
- 21. Comparison of financial bids.

### Evaluation of bids using the quality and cost based evaluation method.

- 22. Preliminary examination.
- 23. Detailed evaluation.
- 24. Procedure for conducting merit point evaluation.
- 25. Technical evaluation report
- 26. Notification to bidders not recommended for financial evaluation.
- 27. Public opening of financial bids.
- 28. Procedure for opening of financial bids.
- 29. Representation of bidders at opening session of financial bids.
- 30. Financial comparison.
- 31. Determination of best evaluated bid.

General provisions for evaluation of bids using the technical compliance and quality and cost based evaluation methods

- 32. Discounts.
- 33. Cross discounts.
- 34. Post qualification evaluation.
- 35. Evaluation report.
- 36. Evaluated price and contract price.

### **SCHEDULE**

- Form 13 Declaration to abide by Code of Ethical Conduct in Business
- Form 14 Technical Evaluation report under quality and cost based evaluation method
- Form 15 Record of financial bid opening
- Form 16 Evaluation report under technical compliance method
- Form 17 Financial Evaluation report under quality and cost based evaluation method

### S T A T U T O R Y I N S T R U M E N T S

### 2014 No. 9.

### The Public Procurement and Disposal of Public Assets (Evaluation) Regulations, 2014.

(Made under section 96(1) of the Public Procurement and Disposal of Public Assets Act, 2003, Act No 1 of 2003).

IN EXERCISE of the powers conferred upon the Minister responsible for finance by section 96(1) of the Public Procurement and Disposal of Public Assets Act, 2003, on the recommendation of the Authority and with the approval of Parliament, these Regulations are made, this 6th day of February, 2014.

### 1. Title and Commencement.

- (1) These Regulations may be cited as the Public Procurement and Disposal of Public Assets (Evaluation) Regulations, 2014.
- (2) These Regulations shall come into force on the 3rd day of March, 2014.

### 2. Interpretation.

In these Regulations, unless the context otherwise requires—

"Act" means the Public Procurement and Disposal of Public Assets Act, 2003.

### **Evaluation Committee**

### 3. Evaluation Committee.

- (1) A person appointed member of an evaluation committee shall have the technical skills and experience relevant for the procurement requirement.
  - (2) An evaluation committee shall have among its members—
  - (a) a person representing the user department; and
  - (b) a member of the procurement and disposal unit.

- (3) A member of a Contracts Committee shall not be a member of an evaluation committee.
- (4) A member of an evaluation committee shall declare that he or she has read the Code of Ethical Conduct in Business and does not have a conflict of interest in the procurement or disposal requirement by signing Form 13 in the Schedule to these Regulations.

### 4. Chairperson of evaluation committee.

- (1) The members of an evaluation committee shall select a chairperson, from amongst themselves.
- (2) The chairperson of the evaluation committee shall be responsible for—
  - (a) chairing all the meetings of the evaluation committee;
  - (b) conducting the evaluation is in accordance with the bidding document;
  - (c) the security of the bids and the other documentation before the evaluation committee;
  - (d) submitting the report of the evaluation committee to the Procurement and Disposal Unit within the time prescribed in regulation 5; and
  - (e) communication between the evaluation committee and a bidder or any other person.

### 5. Meetings of evaluation committee.

- (1) An evaluation exercise shall, for each type of procurement, be concluded within the time period specified in this regulation—
  - (a) twenty working days for the evaluation of bids for the procurement of supplies or non-consultancy services, from the date of opening of the bids; and

- (b) forty working days for the evaluation of bids for the procurement of works, from the date of opening of the bids.
- (2) Where an evaluation committee is not able to complete an evaluation exercise within the time specified in subregulation (1), the evaluation committee shall in writing explain to the Accounting Officer the reasons for this and request for extension of the time period for the evaluation exercise.
- (3) A meeting of an evaluation committee shall not be held unless all members of the evaluation committee are present.
- (4) Notwithstanding subregulation (3), a meeting of the evaluation committee may be held where a member who is absent agrees or where it is not possible or practical for all the members to be present at the meeting.
- (5) A member who is absent from a meeting in accordance with subregulation (4) shall be informed of the proceedings and decisions of the meeting.
- (6) Where a member who is absent from a meeting in accordance with subregulation (4), does not agree with a decision taken at the meeting, the member shall inform the chairperson of the evaluation committee, who shall call a meeting to consider the decision.
- (7) The evaluation of a bid shall be conducted by the members of the evaluation committee, jointly, during a meeting of the evaluation committee.
- (8) Notwithstanding subregulation (7), where an evaluation is complex or lengthy, the members of the evaluation committee shall—
  - (a) conduct the evaluation or part of the evaluation individually, before discussing and agreeing the results of each member, at a meeting of the evaluation committee; or

- (b) request two or more members of the evaluation committee to carry out the evaluation and prepare recommendations, which shall be reviewed by the evaluation committee and adopted as the evaluation of the evaluation committee.
- (9) A decision of an evaluation committee shall be unanimous except where the evaluation methodology requires individual scores or marks.
- (10) Notwithstanding subregulation (9), where the evaluation committee is unable to reach a decision unanimously, the decision of the majority shall be the decision of the evaluation committee and shall be stated as such in the evaluation report.
- (11) The minutes of a meeting of the evaluation committee shall be signed by all members of the evaluation committee and shall form part of the records of the procurement for which the evaluation is conducted.
- (12) The minutes of a meeting of the evaluation committee shall be an annex to the evaluation report.
- (13) The evaluation report shall state the disagreements of the members, if any, including the reasons for the disagreement, the discussions held on the issue in disagreement and the views of the members of the evaluation committee on the matter.
- (14) The evaluation report shall be signed by all the members of the evaluation committee.
- (15) Where a member of the evaluation committee does not or is not able to sign the report, the member shall in writing give reasons why he or she did not or was not able to sign the report.

### Evaluation of bids

### 6. Evaluation of bids for supplies, works and non-consultancy services.

(1) Bids for the procurement of supplies, works and nonconsultancy services shall be evaluated using the technical compliance evaluation method.

- (2) Notwithstanding sub regulation (1) bids for text books, information technology systems and for design and build contracts may be evaluated using the quality and cost based evaluation method.
- (3) The evaluation shall determine as the best evaluated bid, the bid—
  - (a) which is eligible and administratively compliant to the technical requirements of the procuring and disposing entity;
  - (b) with the lowest evaluated price; and
  - (c) where the bidder has the capacity and the resources to effectively execute the contract.

### 7. Evaluation criteria.

- (1) The evaluation of a bid, shall be conducted in accordance with the evaluation criteria stated in the Public Procurement and Disposal of Public Assets (Rules and Methods for Procurement of Supplies, Works and Non Consultancy Services) Regulations, 2014 and in the bidding document.
- (2) An evaluation committee shall not, during an evaluation, make an amendment or addition to the evaluation criteria stated in the bidding document, and shall not use any other criteria other than the criteria stated in the bidding document.
  - (3) The evaluation criteria shall assess—
  - (a) the compliance of the bid with the statement of requirements;
  - (b) the ability of the bidder to perform the proposed contract; and
  - (c) the ability of the bid to meet the objectives of the procurement.
- (4) The evaluation criteria shall not be drafted in a way which restricts competition, except where this is necessary to meet the objectives of the procurement or where the preference or reservation scheme is applied.

### 8. Receipt and evaluation of single bid or of limited number of bids.

- (1) Where a procuring and disposing entity receives one bid or a limited number of bids in response to a bid notice or in response to bidding documents sold or issued to bidders, the procuring and disposing entity may accept the single bid or the limited number of bids.
- (2) For the purposes of subregulation(1), an evaluation committee shall evaluate the single bid or the limited number of bids where the evaluation committee determines that—
  - (a) the bidding period was sufficient for the procurement method and the requirement;
  - (b) the terms and conditions of the bidding documents were reasonable and not excessive to deter competition;
  - (c) the bid notice, if any, was published in an appropriate publication and on the required date;
  - (d) the amendments to the bidding documents, if any, allowed sufficient time for the bidders to take the amendments into account in preparing the bids;
  - (e) there was no other extraneous events or circumstances that may have affected the ability of the bidders to respond to the bid notice of the bidding documents;
  - (f) there is no suspicion of collusion between the potential bidders; and
  - (g) the choice of procurement method was appropriate for the market and that there is an adequate number of potential bidders that make competition possible.
- (3) In this regulation "limited number of bids" means bids of a small proportion of the bidders who bought or who were issued with bidding documents.

(4) The evaluation report shall include a discussion of the evaluation committee of the issues in subregulation (2).

### 9. No changes to bids.

The bidding documents shall state that—

- (a) a bidder shall not seek to make a change to the substance of a bid submitted and shall not be permitted to effect any change, after the deadline for submission of bids; and
- (b) the bid of the bidder who attempts to make a change to the bid, after the deadline for submission of bids, shall be rejected and the bidder reported to the Authority.

### 10. Request for clarification of bids.

- (1) Notwithstanding regulation 9, an evaluation committee may at any stage of the evaluation request a bidder to clarify the information provided in the bid documents or to submit additional documentation to clarify the information provided.
- (2) An evaluation committee shall only make a request for clarification of information or submission of documentation under subregulation (1) where—
  - (a) there is a nonconformity or an omission in the bid, which is not a material deviation as specified in regulation 11 (4); or
  - (b) there is an arithmetic error which has to be corrected.
- (3) A request for clarification or submission shall not be made with the intention of—
  - (a) altering or amending the price of the bid except to correct errors in accordance with regulation 14;
  - (b) changing the substance of the terms and conditions of the bid; or

- (c) substantially altering anything which forms a crucial or deciding factor in the evaluation of the bid.
- (4) A bidder shall not be permitted to make a clarification or submission which—
  - (a) alters or amends the price of a bid except to correct errors in accordance with regulation 14;
  - (b) changes the substance of the terms and conditions of the bid; or
  - (c) substantially alters anything which forms a crucial or deciding factor in the evaluation of the bid.
- (5) A request to a bidder shall be signed by the chairperson of the evaluation committee.
- (6) Where a bidder does not respond to a request, the evaluation committee may disqualify the bidder.
- (7) A request to clarify the information provided in the bid documents or to submit additional documentation shall not become negotiations.

### 11. Correction of non-conformities and omissions.

- (1) Notwithstanding regulation 9, an evaluation committee may correct a non-conformity or an omission in a bid that does not constitute a material deviation.
- (2) For purposes of making a correction under subregulation (1), a nonconformity or an omission shall be quantified and expressed in monetary terms and the bid price shall, for evaluation purposes only, be adjusted, to reflect the price of the non-conforming or omitted item or component.
- (3) Where a non-conformity or an omission in a bid is not a material deviation, an evaluation committee shall—

- (a) waive the non-conformity or omission;
- (b) request the bidder to clarify the non-conformity or omission in accordance with regulation 10;
- (c) correct the non-conformity or omission using subregulation (2).
- (4) For the purposes of this regulation a "material deviation" is a deviation that—
  - (a) affects in a substantial way, the scope or quality of the supplies or services or the performance of the works to be procured;
  - (b) is inconsistent with the bidding document and which may in a substantial way, limit the rights of the procuring and disposing entity or the obligations of the bidder under the contract;
  - (c) if corrected would unfairly affect the competitive position of the other bidders whose bids are administratively compliant and responsive; or
  - (d) impacts the key factors of a procurement including cost, risk, time and quality and causes—
    - (i) unacceptable time schedules, where it is stated in the bidding document that time is of the essence;
    - (ii) unacceptable alternative technical details, such as design, materials, workmanship, specifications, standards or methodologies; or
    - (iii) unacceptable counter-bids with respect to key contract terms and conditions, such as payment terms, price adjustment, liquidated damages, sub-contracting or warranty.

### 12. Evaluation of alternative technical bids.

- (1) An alternative bid shall be evaluated using the methodology, criteria and weight used to evaluate the main bid to which the alternative bid relates.
- (2) For the purposes of evaluating an alternative bid, the detailed evaluation shall only take into account the objectives or performance requirements prescribed in the statement of requirements and shall not be required to conform precisely to the statement of requirements.
- (3) An alternative bid shall be evaluated by the evaluation committee that evaluates the main bid and the skills required for the evaluation of the alternative bid shall be taken into account when proposing the membership of the evaluation committee.
- (4) The evaluation committee may seek additional advice or assistance where required in order to conduct a fair and comprehensive evaluation of an alternative bid.

### 13. Costs to be included in comparison of financial bids.

- (1) The following costs shall, where applicable, be included in the financial comparison of bids—
  - (a) fee rates or unit prices, based on either a fixed or estimated total quantity;
  - (b) reimbursable costs, such as costs for travel, materials or consumables used in the performance of the services or similar costs;
  - (c) costs for packing, packaging, freight and inland delivery;
  - (d) costs for installation and commissioning of equipment;
  - (e) costs for inspection and tests;
  - (f) operating costs, which shall be for the period specified in the bidding document;

- (g) costs for the servicing and maintenance of equipment and costs for spare parts for equipment, which shall be for the period specified in the bidding document;
- (h) for works, the total bid price based on the bill of quantities or the schedule of prices and the cost of day work items;
- (i) duties, taxes or other levies; and
- (j) cost to cover contingencies.
- (2) Where equipment is to be in use for a long period of time or where maintenance and operating costs are a significant proportion of the overall cost, the evaluation committee shall assess the life-cycle of the costs.
- (3) The following shall be considered in the assessment of a life-cycle of the cost—
  - (a) the cost and availability of any extended warranty;
  - (b) the cost of training in operation, maintenance or repair of the supplies, taking into account the level of training required and the number of staff who require training;
  - (c) the quantity and cost of consumables or spare parts for operation over the anticipated lifetime of the supplies;
  - (d) the frequency and cost of maintenance and servicing;
  - (e) the cost of repair services;
  - (f) energy costs for operating the supplies;
  - (g) the level of manpower required for use of the supplies;
  - (h) the anticipated lifetime of the supplies; and
  - (i) the likely residual value and cost of disposal of the supplies.

### 14. Correction of arithmetic errors.

- (1) Notwithstanding regulation 11, an evaluation committee may correct an error which is purely arithmetical.
- (2) Where the bidding document does not specify the arithmetical error that may be corrected, an arithmetical error shall be corrected where—
  - (a) there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, in which case the unit price shall prevail and the total price shall be corrected, except where there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected:
  - (b) there is an error in a total which corresponds to the addition or subtraction of subtotals, in which case the subtotals shall prevail and the total shall be corrected; or
  - (c) there is a discrepancy between words and figures, in which case the amount in words shall prevail, except where the amount which is expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to paragraphs (a) and (b).
- (3) A bidder shall be promptly notified of an arithmetic correction and requested to agree to it within five working days, in accordance with the procedure for clarification of bids in regulation 10.

Evaluation of bids using the technical compliance evaluation method

### 15. Stages of evaluation using the technical compliance evaluation method.

The evaluation of a bid for the procurement of supplies, works or non-consultancy services using the technical compliance evaluation method shall be conducted under the following four stages—

- (a) a preliminary examination to determine the eligibility of the bidders and the administrative compliance of the bids received:
- (b) a detailed evaluation of the bids to determine their technical responsiveness of the bids that are eligible after the preliminary examination carried out under paragraph (a); and
- (c) a financial comparison of the bids that are eligible after the detailed evaluation carried out under paragraph (b) and to determine the best evaluated bid; and
- (d) post qualification in accordance with regulation 34, to determine that the best evaluated bidder has the capacity and the resources to effectively execute the contract.

### 16. Preliminary examination.

- (1) A preliminary examination shall be conducted to determine that—
  - (a) the bidder is eligible in accordance with regulation 17 and as specified in the bidding document; and
  - (b) the bid is administratively compliant with the basic instructions and requirements specified in regulation 18 and in the bidding document.
- (2) Eligibility and administrative compliance shall be determined on a pass or fail basis and a bid which is not eligible or administratively compliant shall be rejected at the preliminary stage of evaluation.

### 17. Eligibility of bidder

- (1) An evaluation committee shall at the preliminary examination, verify the accuracy, validity and authenticity of the documents submitted by a bidder.
  - (2) A bidder shall be eligible where—

- (a) the bidder has the legal capacity to enter into a contract with the procuring and disposing entity;
- (b) the bidder is not insolvent, in receivership, bankrupt or being wound up;
- (c) the business activities of the bidder are not suspended;
- (d) the bidder is not the subject of legal proceedings for any of the circumstances mentioned in paragraph (b);
- (e) the bidder fulfilled the obligations to pay taxes and social security contributions in Uganda;
- (f) the bidder does not have a conflict of interest in relation to the subject of the procurement;
- (g) the bidder is not suspended by the Authority; and
- (h) the bidder is not a member of the procuring and disposing entity as defined in section 91U of the Act.
- (3) For the purpose of subregulations (1) and (2), a bidder shall be required to submit the following documents, with the bid—
  - (a) a copy of the trading licence of the bidder or its equivalent;
  - (b) a copy of the certificate of registration of the bidder or its equivalent;
  - (c) a signed statement indicating that the bidder does not have a conflict of interest in the subject of the procurement; and
  - (d) any other relevant documents or statements as may be stated in the bidding documents.
- (4) Subregulation (3) (a) and (b) shall not apply to a bidder who is registered by the Authority on the register of providers or where the eligibility of the provider was verified at the pre-qualification stage.

- (5) Where a document required in subregulation (3) is not available in the country of a foreign provider, the foreign provider shall submit an alternative document or a statement affirming that the document is not available in the country of the foreign provider.
- (6) Where a bidder does not submit a document required under subregulation (3) the evaluation committee shall in accordance with regulation 10, request the bidder to submit the document.

#### 18. Administrative compliance.

- (1) An evaluation committee shall determine the administrative compliance of a bidder by confirming that the bidder conforms satisfactorily to the basic instructions, requirements and the terms and conditions of the bidding documents without any material deviation or omission.
  - (2) A bidder shall be administratively compliant where—
  - (a) the bidder submits a bid security, where this is required, in the correct form and amount and where the bid security is authentic;
  - (b) the bidder submits a bid securing declaration, where this is required, in the correct form;
  - (c) the bidder submits the bid in the required format;
  - (d) the authorisation and signature of the bids is in accordance with the instructions in the bidding document;
  - (e) the bid validity is correct; and
  - (f) the bidder submits additional documents or samples as may be required.
- (3) An evaluation committee shall determine the administrative compliance of a bid with the instructions in the bidding document and its responsiveness to the requirements of the procuring and disposing entity, based on the contents of the bid.

- (4) A bid that is not administratively compliant to the bidding document, shall be rejected by at the preliminary stage.
- (5) Where a bid is administratively compliant, the evaluation committee shall waive any non-conformity or omission in the bid that does not constitute a material deviation.

#### 19. Detailed evaluation.

- (1) An evaluation committee shall conduct a detailed evaluation of a bid that passes the preliminary examination to assess—
  - (a) the responsiveness of the bid to the terms and conditions of the bidding document; and
  - (b) the technical responsiveness of the bid to the statement of requirements.
- (2) The detailed evaluation shall compare the details of a bid with the criteria stated in the bidding document.
  - (3) The detailed evaluation shall—
  - (a) determine whether a bid conforms to the terms and conditions of the bidding document, without any material deviation;
  - (b) determine whether a bid conforms to the statement of requirements without any material deviation;
  - (c) for a bid for supplies, determine whether the bid complies with the minimum technical specification stated in the bidding document;
  - (d) for a bid for works, determine whether -
    - (i) the bid adheres to the technical specifications and standards;

- (ii) the proposed work plan and the completion schedule are adequate;
- (iii) the work methods, including the safety precautions and measures proposed are adequate;
- (iv) the documents submitted, including drawings, charts, calculations and data sheets are adequate; and
- (v) the methods proposed for handling materials and the schedules and sources of the materials and equipment are suitable.
- (4) A bid which is not substantially responsive to the minimum requirement of the detailed evaluation shall be rejected at the detailed evaluation stage.

#### 20. Product demonstration.

- (1) Where it is necessary to assess the technical characteristics of supplies, a procuring and disposing entity may, as part of the detailed evaluation process, request for a demonstration of the product by the provider.
- (2) The evaluation committee shall give a bidder who is requested to demonstrate a product, sufficient notice of the date, time and location of the demonstration.
- (3) The evaluation committee shall prior to the demonstration of a product, agree on the requirements of the demonstration and the manner in which the demonstration is to be assessed and recorded.
- (4) At least three members of the evaluation committee shall attend a demonstration of a product and the members who attend shall prepare a report of the demonstration.
- (5) The report in subregulation (4) shall be part of the evaluation report.

# 21. Comparison of financial bids.

- (1) The financial bids, of the corresponding technical bids that are responsive under regulation 19 shall be examined and compared, to determine the best evaluated bid.
- (2) In conducting a financial comparison of the bids, the evaluation committee shall—
  - (a) correct the arithmetic errors in the bids, if any, using regulation 14;
  - (b) apply any non-conditional discounts offered in a bid, using regulation 32;
  - (c) determine whether the financial bids are complete and where the bids are not complete, except a bid for works, include the missing items, cost them and add the costs to the original bid price, using sub regulation (5);
  - (d) make adjustments for any deviation that is not a material deviation, using regulation 11;
  - (e) where required for purpose of comparison, convert all bids to a single evaluation currency;
  - (f) where required, apply a margin of preference using the procedure specified in the bidding document;
  - (g) determine the total evaluated price of each bid;
  - (h) rank the bids using the total evaluated price; and
  - (i) determine the best evaluated bid.
- (3) Where a cross discount is offered, it shall be incorporated in a further financial comparison prior to determining the best evaluated bid.

- (4) A financial bid shall be determined to be complete if the prices of all items required and included in the corresponding technical bid, are indicated in the financial bid.
- (5) Where the bidding document does not state how the missing items are to be costed, the missing items shall be costed using the highest of the prices offered by the other bidders, which shall be added to the original bid price.
- (6) The best evaluated bid shall be the lowest priced bid which is eligible and administratively compliant to the technical requirements specified in the bidding document.
- (7) An evaluation committee, shall for the best evaluated bid for works, assess whether the level of payment projected for the different stages of the assignment exceed the progress of the works and where the evaluation committee determines that this, the bidder shall be requested to—
  - (a) provide a detailed analysis of the price of any of the items of the bid, to demonstrate that the price is consistent with the construction methods and work schedules proposed in the bid; or
  - (b) increase the amount of the performance security provided, where this is necessary to protect the procuring and disposing entity against default.

Evaluation of bids using the quality and cost based evaluation method

# 22. Preliminary examination.

- (1) An evaluation committee shall at the preliminary examination determine whether a bid is administratively compliant.
- (2) A bid shall be administratively compliant where the bid conforms to the instructions, requirements and the terms and conditions of the bidding documents without any non-conformity, or omission.

- (3) A bid shall be administratively compliant where—
- (a) the bid is submitted in the required format;
- (b) the financial bid is submitted separately;
- (c) the signature and authorisation to submit bids is in accordance with the instructions in the bidding documents;
- (d) a bid securing declaration, if required, is submitted in the correct format;
- (e) the validity of the bid is correct; and
- (f) the additional documentation that is required is submitted.
- (4) The preliminary examination shall be conducted on a pass or fail basis and a bid that is not administratively compliant and responsive to the bidding documents, shall be rejected at the preliminary examination stage of evaluation.
- (5) Notwithstanding sub regulation (4), where a bid is not administratively compliant but the non-compliance does not constitute a material deviation the evaluation committee may waive, clarify or correct the deviation.

#### 23. Detailed evaluation.

- (1) An evaluation committee shall using the evaluation criteria in the bidding documents and based on the contents of a bid, conduct a detailed evaluation of a bid that passes the preliminary examination.
- (2) The detailed evaluation shall compare the details of the bid with the criteria stated in the bidding documents.
- (3) The detailed evaluation of bids shall use a merit point evaluation system as specified in the bidding documents.
- (4) A bid which does not achieve the minimum score required in the bidding document shall be rejected at the detailed evaluation stage.

## 24. Procedure for conducting merit point evaluation.

- (1) The following procedure shall apply to the conduct of the merit point evaluation—
  - (a) the members of the evaluation committee shall at a meeting of the evaluation committee discuss the criteria and any subcriteria and the relative importance of each criteria and subcriteria;
  - (b) each member of the evaluation committee shall independently conduct an evaluation by considering each bid and awarding scores for the set criterion and record the scores in the score sheet:
  - (c) the chairperson of the evaluation committee shall at a meeting of the evaluation committee collect the score sheets and the scores awarded by each evaluator shall be compiled during the meeting, to produce a score sheet for each bid, from which the average score for each bid shall be calculated;
  - (d) the members of the evaluation committee shall compare the scores of each evaluator for each bid in order to verify that there has been a consistency of approach to the evaluation and a common understanding of the criteria and of each bid by all the members of the evaluation committee:
  - (e) the evaluation committee shall note any significant deviation from the average score or any inconsistencies in scoring and these shall be discussed and each evaluator shall explain and justify the scores awarded, where required; and
  - (f) where the evaluation committee agrees that a member of the evaluation committee was not consistent in the approach or did not understand the evaluation criterion or a bid, the member shall be permitted to adjust the scores awarded but shall not be obliged to make the adjustments.

- (2) The average score in sub regulation (1) (c) shall be the total technical score of the bid and where a weighted score is used, the weightings shall be applied prior to calculating the average score.
- (3) For the purposes of sub regulation (1) (f), an adjustment shall only be permitted to the extent necessary to correct an inconsistency in the approach or where a member of the evaluation committee did not misunderstand the evaluation criterion or the bid.
- (4) An adjustment shall not be made where it is not permitted by the evaluation committee.
- (5) Where a score is adjusted, the original score sheet shall be kept as part of the record of the evaluation and the adjusted score shall be recorded on a new score sheet.

#### 25. Technical Evaluation Report.

- (1) The evaluation committee shall, using Form 14 in the Schedule to these Regulations prepare a technical evaluation report indicating the strengths and weaknesses of each bid.
- (2) The technical evaluation report shall be signed by all the members of the evaluation committee.
- (3) The procurement and disposal unit shall submit technical evaluation report shall be submitted to the Contracts Committee for approval, without any change or comment, before the financial bids are opened.

# 26. Notification to bidders not recommended for financial evaluation.

- (1) After the approval of the technical evaluation report by the Contracts Committee and before the financial bids are open, the bidders whose bids are disqualified at the technical evaluation stage and which are not recommended for financial evaluation shall be informed.
- (2) The procuring and disposing entity shall, on request, provide a bidder whose bid is disqualified at the technical evaluation stage and which is not recommended for financial evaluation with a debrief which

shall state the score awarded to the bid at the technical evaluation, the reasons for the disqualification of the bid and the weaknesses of the bid against the evaluation criteria.

- (3) The debrief under this regulation shall be unique to the bidder who makes a request and shall not provide details on any other bid, other than the information that is otherwise publicly available.
- (4) The debrief shall be provided within ten working days of a request by a bidder.
- (5) A financial bid that is not evaluated shall be returned to the bidder, unopened, after the contract is awarded.

# 27. Public opening of financial bids.

- (1) The financial bids shall be opened and the financial evaluation conducted after approval of the technical evaluation report by the Contracts Committee.
- (2) A procuring and disposing entity shall notify the bidders whose technical bids qualify for financial comparison and invite the bidders to the session for opening the financial bids.
  - (3) The notification shall indicate—
  - (a) the date and time of the opening of the financial bids, which date shall be one week after the notification;
  - (b) the location of the opening session; and
  - (c) the information to be read out and recorded at the opening session.
- (4) The session for opening the financial bids shall be open to the public.
- (5) The procuring and disposing entity shall, in the record of bid opening, note any inconsistencies or omissions in the bids submitted.

(6) A copy of the record shall be posted on the procurement and disposal notice board of the procuring and disposing entity, a day after the public opening session is held and shall be displayed for a minimum of four weeks.

# 28. Procedure for opening of financial bids

- (1) The opening of the financial bids shall be managed by the Procurement and Disposal Unit and shall be witnessed by a member of the Contracts Committee or a person nominated by the user department.
- (2) The Procurement and Disposal Unit shall open all the financial bids and read out the information that is required by the bidding document, to be read out at the public opening session.
- (3) The Procurement and Disposing Unit shall at the financial bid opening session notify the bidders—
  - (a) of the bidders who submitted bids;
  - (b) of the technical score obtained by each bidder;
  - (c) of the total price of each financial bid, including the currency and the amount; and
  - (d) of any other information that is required to be stated at the public opening as indicated in the bidding documents.
- (4) The important pages of the technical bids shall be endorsed with the stamp of the procuring and disposing entity and signed or initialed by the person who chairs the public opening session.
- (5) The important pages of a technical bid shall be the signed pages of the financial bid, the bid submission sheet and all the pages containing the financial information.
- (6) The procuring and disposing entity shall, in the record of the bid opening session, note any inconsistencies or omissions in the bids submitted.

- (7) A copy of the record of the bid opening session shall be posted on the procurement and disposal notice board of the procuring and disposing entity, a day after the public opening session is held and shall be displayed for a minimum of four weeks.
- (8) The public opening of the financial bids shall be recorded using Form 15 in Schedule 1 to these Regulations.

# 29. Representation of bidders at opening session of financial bids.

- (1) A procuring and disposing entity shall allow a bidder or a representative of the bidder whose financial bids is to be opened, to attend the public opening sessions but the bidder or the representative of the bidder shall not participate in the opening of the bids.
- (2) A bidder or a representative of the bidder shall be requested to confirm that the bid is as it was submitted but shall not be permitted to make any addition, deletion or modification to the exterior or the contents of the bid.
- (3) A bidder or a representative of the bidder may ask questions after the bids are opened but a procuring and disposing entity shall not enter into a discussion with the bidder or the representative of the bidder, on the specific details of any bid.

# 30. Financial comparison.

- (1) For the purposes of evaluating financial bids of the corresponding technical bids that adhered to the minimum qualifying score under the detailed technical evaluation of the technical bids, an evaluation committee shall conduct a financial comparison of the bids by examining and comparing the financial bids and determining the best evaluated bid.
- (2) The financial comparison shall only be conducted on the bids that are opened at the session for opening financial bid.
  - (3) The financial comparison shall—

- (a) assess whether a bid conforms to the terms and conditions of the bidding documents, without material deviation;
- (b) determine the bid price;
- (c) correct any arithmetic errors in a bid;
- (d) determine whether a financial bid is complete and where a bid is not complete, cost the missing items and add these to the original bid price in accordance with regulation 11;
- (e) make adjustments for a non-conformity or an omission in a bid that does not constitute a material deviation in accordance with subregulation (4);
- (f) convert the currencies of the bids into a single currency for purposes of comparison, where required;
- (g) apply any margin of preference in accordance with the procedure specified in the bidding documents;
- (h) determine the total evaluated price of each bid; and
- (i) award a financial score to each bid or rank the bids, in accordance with the requirements of the selection method used.
- (4) For the purposes of sub regulation (3) (e), an adjustment for a non-conformity or an omission in a bid that does not constitute a material deviation shall be made using the following rules—
  - (a) the price of an input or item that is described in the technical bid but which is not priced, shall be assumed to be included in the prices of the other inputs or items; and

- (b) where the quantification of an input or item in the financial bid is different from the quantification in the technical bid the evaluation committee shall—
  - (i) where a time-based contract is to be used, correct the quantification in the financial bid to make it consistent with the quantification in the technical bid by applying the relevant unit price to the corrected quantity and correcting the total financial price; and
  - (ii) shall not make any to the financial bid where a lump sum contract is used.
- (5) A financial bid shall be complete where the inputs and items indicated in the technical bid are priced in the financial bid.
- (6) The financial bid with the lowest evaluated price shall be given a financial score of 100 and the other bids shall each be given a financial score that is inversely proportional to the lowest evaluated price.
- (7) Notwithstanding sub regulation (1), another method, where this is provided in the bidding documents, may be used to allocate scores for the cost.

#### 31. Determination of best evaluated bid.

- (1) For the purposes of determining the best evaluated bid—
- (a) the score of the technical and financial bids shall be weighted, using the weights stated in the bidding documents; and
- (b) the total score of a bid shall be obtained by adding the weighted score of the technical and financial bids.
- (2) The bidder who obtains the highest total score under paragraph (b) shall, be recommended for award of contract.

General provisions for evaluation of bids using the technical compliance and quality and cost based evaluation methods.

#### 32. Discounts.

Where a bidder offers a discount, the discount shall be reflected in the evaluation of bids and the original price of the bid shall at the financial comparison stage be modified by the discount offered.

#### 33. Cross discounts.

- (1) Where a bidder offers a cross discount that is conditional on the simultaneous award of a contract for another lot, the cross discount shall only be considered at the financial comparison of the bids.
- (2) A cross discount shall be included in a further financial comparison, using the methodology specified in the bidding document, once the ranking of each lot, which incorporates any individual discount, is determined.
- (3) In evaluating a cross discount, the evaluation committee shall seek to obtain the best overall value for money for the procuring and disposing entity.

# 34. Post qualification evaluation.

- (1) An evaluation committee shall undertake a post qualification evaluation to confirm whether the best evaluated bidder has the capacity and the resources to effectively execute a procurement for the procuring and disposing entity.
- (2) A post qualification evaluation shall be undertaken to determine to confirm—
  - (a) the experience and performance of the bidder, with regard to similar assignments;
  - (b) the capacity of the bidder with respect to equipment and facilities;

- (c) the qualifications and experience of the personnel of the bidder;
- (d) for a bid to procure non-consultancy services or works, that the bidder has the capacity to supervise or manage the performance of the non-consultancy services or works, as the case may be, based on the qualifications of the supervisory or management staff of the bidder and the number and deployment of the staff;
- (e) the financial capability to perform the assignment;
- (f) the facilities or representation at or near the location to be used for the performance of the assignment; and
- (g) any other relevant criteria.
- (3) The criteria for post qualification evaluation shall be limited to that which is necessary for the procurement and shall not be restrictive.
- (4) Where the best evaluated bidder does not meet the post qualification evaluation criteria, the evaluation committee shall record this in the evaluation report and the exercise shall be undertaken for the next best evaluated bidder.
- (5) For purposes of post qualification evaluation, an evaluation committee may request a bidder for independent references and the results from the references may be used to determine the award of contract.
- (6) An evaluation committee shall verify the information provided under subregulation (6) and where the evaluation committee determines that the best evaluated bidder no longer meets the pre qualification requirements, it may recommend that the contract is not awarded to the best evaluated bidder.
- (7) For the purpose of subregulation (6), the evaluation committee shall—

- (a) consider any material changes in the circumstances the bidder after the submission of the information for pre qualification; and
- (b) consider any information that becomes available after the pre qualification which affects, materially, the capacity of the bidder to perform.

#### 35. Evaluation report.

- (1) The evaluation committee shall prepare an evaluation report which shall indicate—
  - (a) the total price of the bid of each bidder and technical score of each bidder as read out at the public opening of the financial bids;
  - (b) the results of the administrative compliance of the bids to the terms and conditions of the bidding documents and the reasons for the rejection of the bids that are rejected;
  - (c) the evaluated price of each bid, following any corrections or adjustments to the price and the conversion to a single currency;
  - (d) the score of each financial bid;
  - (e) the weighting of the technical and financial scores; and
  - (f) the total score for each bid.
  - (2) The evaluation report shall contain recommendations on—
  - (a) the best evaluated bidder and the evaluated price of the best evaluated bidder;
  - (b) where necessary, the issues for which negotiations should be conducted with the bidder; and

- (c) a proposed price for the contract.
- (3) An evaluation report shall be signed by all the members of the evaluation committee.
- (4) The evaluation report shall be submitted to the Contracts Committee for approval without any change or comment.
- (5) The evaluation report under the technical compliance evaluation method shall be prepared using Form 16 and under the quality and cost based evaluation method using Form 17 in the Schedule to these Regulations.

## 36. Evaluated price and contract price.

- (1) The evaluated price of the best evaluated bid may not be the contract price of the contract.
- (2) The following elements of the financial evaluation shall not be included in the components of the proposed contract price—
  - (a) the cost of any items that were missing from the bid and are added during evaluation;
  - (b) the costs of adjustments made for deviations that are not material deviations;
  - (c) the price of the margin of preference that is allocated to a bidder during evaluation; and
  - (d) the gains of conversion of the currencies used in the bids to a common currency.

#### SCHEDULE FORM 13

Regulation 3 (4)

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

# DECLARATION TO ABIDE BY THE CODE OF ETHICAL CONDUCT IN BUSINESS

F	Procurement Reference	Number		
Code of Procuring and Disposing Entity	Supplies/Works/ Non-consultancy services	Financial year	Sequence number	
<b>D</b>				

Date	
Subject of Procurement	

I hereby declare that I have read the Code of Ethical Conduct in Business in the Fifth Schedule to the Public Procurement and Disposal of Public Assets Act, 2003 and that I will execute my responsibilities of a member of the Evaluation Committee in accordance with the Code and I have no personal interest that may impinge or might reasonably be deemed by others to impinge upon the execution of my duties in evaluation of the bids for the procurement/disposal.

No	Name	Title and department	Position on Evaluation Committee Chairperson/ Member/ Secretary	Signature

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT. 2003

# TECHNICAL EVALUATION REPORT UNDER QUALITY AND COST BASED EVALUATION METHOD

F	Procurement Reference	Number			
Code of Procuring and Disposing Entity Non-consultancy services Financial Sequence number					

<sup>\*\*</sup>Please read the guidance notes for preparing evaluation report at the end of this Form

#### BACKGROUND

#### 1. Introduction

- (1) The requirement is for the provision of [subject of procurement].
- (2) The procurement method used and approved by the Contracts Committee was [open domestic bidding/open international bidding/restricted domestic bidding/restricted international bidding/quotations/direct procurement].

#### 2. Details of invitation

{For open bidding without pre-qualification}

- (1) The bid document/request for quotations (RFQ) was approved by the Contracts Committee on [date] \_\_\_\_\_\_.
- (2) The bid notice was advertised on the [date] \_\_\_\_\_in [name of publication].
- (3) The list of bidders who purchased or were issued with the bid documents was recorded using Form 8 which is attached.

{For open bidding with pre-qualification}

- (1) The invitation to bid/request for quotations (RFQ), evaluation of expressions of interest and shortlist were approved by the Contracts Committee on [date] \_\_\_\_\_\_.
- (2) The list of bidders who were issued with the bid documents was recorded using Form 8 which is attached.

	{ F 01	restrictea biaaing or proposais procurement
	(1)	The invitation to bid/request for quotations (RFQ) document and shortlist were approved by the Contracts Committee on [date]
	(2)	The bidders who were issued with the bid documents/RFP was recorded using Form 8 which is attached.
	{For	direct procurement}
	(1)	The bid document and the proposed bidder were approved by the Contracts Committee on [date]
	(2)	The bid document was issued on [date]
3.	Add	lenda to bid document
	{For	· addenda}
	(1)	
	( )	by the Contracts Committee on [date(s)]and
		issued.
	(2)	
	•	no addenda}
	No a	addenda to the bid document were required or issued.
1.	Pre-	bid meeting {delete if not applicable}
	(1)	
	` /	[date]
	(2)	The meeting was recorded using Form 10 which is attached.
5.	Dea	dline for submission of proposals
	{For	open bidding, restricted bidding and proposals procurement}
	(1)	
		at [location]
	(2)	
	{For	direct procurement}
	The	sealed bid was received on [date].
5.	Deta	ails of bid opening
	(1)	A public bid opening was held at [location]on
		[date]at [time]

- (2) The outer envelopes were opened and checks were made to ensure that the envelopes contained two separately sealed envelopes of technical and financial bids.
- (3) Only the technical bids only were opened, stamped and signed by the Chairperson.
- (4) The financial bids were not opened and were put into secure storage.
- (5) The bid opening and attendance was recorded using Form 12 which is attached.

<i>'</i> •	Details of Evaluation Committee					
	The Evaluation Co.	mmittee approved by the Contracts Committee	on			
	[date]	comprised:				
[Nan	ne]	[designation and department	_]			
Nan	ne]	[designation and department]				
Nan	ne]	[designation and department]				

#### **PART 1: TECHNICAL EVALUATION**

#### 8. Details of evaluation method.

Details of Evaluation Committee

7

The evaluation method being used is the quality and cost based selection method which involves the following procedure:

- (a) preliminary examination on a pass/fail basis to determine the eligibility of the bidders and assess their administrative compliance to the invitation and non eligible and non compliant bids were eliminated from further evaluation;
- (b) detailed evaluation to assess the technical quality of bids against the criteria in the Terms of Reference in the invitation and determine their total technical score using a merit point system and each bid was compared to the minimum technical qualifying mark stated in the invitation and those not meeting the minimum mark were eliminated from further evaluation:
- (c) financial bids of those bidders who were substantially responsive and met the minimum qualifying mark will be opened and a financial comparison carried out to examine financial bids and determine the financial score of each bid;

(d) technical and financial scores will be combined, using the weightings given in the invitation, to give a total score for each bid and the bidder with the highest total score will be ranked first and recommended for contract award, subject to any negotiations required.

#### 9. Preliminary examination

[Brief narrative on the result of the preliminary examination and detailed justification with reasons why any proposals were declared non eligible or non compliant].

Refer to Table 1, which summarises the preliminary examination.

## 10. Detailed technical evaluation (of the eligible, compliant proposals)

[Brief narrative on the results of the detailed technical evaluation, including strong and weak points of each bid and reasons for any large differences in scores between evaluators. State how many bids reached the minimum qualifying mark and how many failed to reach it].

The strengths and weaknesses of each proposal are highlighted below:

Number	Name of consultant	Strengths	Weaknesses
1			
2			
3			

A summary of the technical scores is given in Table 2, indicating which bids reached the minimum qualifying mark. The score sheets for each bid, showing the scores given by each evaluator against each of the criterion and the average scores are also included as Table 2A and the individual evaluators' score sheets as Table 2B.

## **11. Recommendation** {amend as appropriate}

On the basis of the detailed evaluation criteria and the minimum technical qualifying mark of [minimum qualifying mark] stated in

the invitation, it is recommended that the financial bids of the \_\_\_\_\_ [number] bidders in the Table below be opened:

Bid Number	Name of bidder	Technical score

**12. Disagreement by the Evaluation Committee** {delete if not applicable} The evaluation committee could not reach a unanimous decision on the evaluation and this evaluation report details the view of the majority of the team.

[Give details of the issues where the team disagreed, the discussions held, the alternative views and the names of those with alternative views].

#### 13. Signed by the Evaluation Committee:

We confirm that this evaluation report gives a complete and accurate report of the evaluation conducted:

Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

## **Annexes: {amend as appropriate}**

Form 8 - Record of sale or issue of bidding documents or addenda

Form 10 - Record of minutes of pre-bid meeting

Form 11 - Record of bids received

Form 12 - Record of bid opening

Table 1: Preliminary examination

Table 2: Summary of detailed technical evaluation

Table 2A: Detailed technical evaluation of bid (one in respect of each bidder)

Table 2B: Score sheet for technical evaluation (one for each evaluator)

Minutes of the meeting of the evaluation committee

# **Documents available from the Procurement and Disposal Unit: {amend as appropriate}**

Copy of the bid document.

Copy of all technical bids.

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

# EVALUATION REPORT UNDER THE TECHNICAL COMPLIANCE EVALUATION METHOD

		P	rocureme	nt Ref	erence	Number			
Code of Procuring and Disposing Entity		Suppl Non-consu	ies/Worl		Financia year	I	Sequen		
		ead the gui	idance not	tes for	prepai	ring evalu	ation 1	report	at the
1.	Intro	oduction							
	(1)	The requirement commission procurement	ning]						lation/ ject of
	(2)	•			ational ational				
2.		ils of invita							
	•	open biddir	0			-			
	(1)	The bidding on [date]	ng docume	nt was	approve	ed by the C	Contrac 	ts Com	ımittee
	(2)	The bid n in [name of	otice was a						
	(3)	The list of	•	sued wi	th the b		_	was re	corded
	{For (1)	open biddin The invita were app	_	d, pre-	qualific	ation eval			

	(2)	The list of bidders who were issued with the bidding documents/Request for quotations was recorded using Form 8 which is attached.
	{For	restricted bidding or quotations procurement method}
	(1)	
	(2)	The bidders who were issued with the bidding documents/ request for quotations were recorded using Form 8 which is attached
	{For	direct procurement}
	(1)	
	(2)	Contracts Committee on [date]  The bidding document was issued on [date]
3.	Add	enda to bidding document
		r addenda}
	(1)	[Number] addendum/addenda was/were approved by the Contracts Committee on [date(s)] and issued.
	(2)	The issue of the addendum/addenda was recorded using Form 8 which is attached
	{For	r no addenda}
	-	addenda to the bidding document were required or issued.
4.	Pre-	bid meeting {delete if not applicable}
	(1)	A pre-bid meeting was held at [location]
	(2)	on [date]  The minutes were recorded using Form 10 which is attached.
	, ,	Ţ
5.		ails of bid closing
		open bidding, restricted bidding and quotations and proposals urement}
	(1)	
	(1)	at [location]
	(2)	

	{For	· direct procurement}
	The	sealed bid was received on [date]
6.	Deta	nils of bid opening
	(1)	A public bid opening was held at [location] on
		[date] at [time]
	(2)	The bid opening session and the attendance was recorded using
		Form 12 which is attached.
7.	Deta	nils of membership of the Evaluation Committee
	The	evaluation committee approved by the Contracts Committee on
	[date	e] comprised:
[Na	me]	[designation and department]
[Na	me]	[designation and department]
[Na	me]	[designation and department]

#### 8. Details of evaluation methodology

The evaluation methodology used was technical compliance evaluation method, which involved the following four stage procedure:

- (a) preliminary examination on a pass/fail basis to determine the eligibility of the bidders and assess their administrative compliance to the invitation and non eligible and non compliant bids were eliminated from further evaluation;
- (b) detailed evaluation to determine the technical responsiveness of eligible, compliant bids to the technical specification and terms and conditions in the invitation and bids that were not substantially responsive were eliminated from further evaluation;
- (c) financial comparison to examine and rank financial bids. The lowest price eligible, compliant, substantially responsive bid was ranked first and declared the best evaluated bid; and
- (d) post qualification evaluation to determine whether the best evaluated bidder has the capacity and the resources to effectively execute the procurement for the procuring and disposing entity.

## 9. Preliminary examination

[Brief narrative on the result of the preliminary examination and detailed justification with reasons why any bid was declared non eligible or non compliant.]

Refer to Table 1 which summarises the preliminary examination.

#### 10. Detailed evaluation

[Brief narrative on the results of the detailed evaluation and detailed justification with reasons why any bids were declared non responsive. Include details of any nonmaterial nonconformities, errors or omissions waived or rectified by the evaluation committee and the way in which they were quantified for inclusion in the financial comparison. Include details of all clarifications requested and received from bidders. ]

Refer to Table 2 which summarises the detailed evaluation.

#### 11. Financial comparison

[Describe the correction of any arithmetic errors, application of any discounts, adjustments made for any nonmaterial nonconformities, errors or omissions, conversion to a common currency and application of any margin of preference.]

All bids that were eligible, compliant and substantially responsive were ranked, with the lowest priced being ranked first.

Refer to Table 3 which summarises the financial comparison.

## **12. Evaluation of multiple lots** { *delete if not applicable* }

A second stage of the financial comparison was undertaken to apply discounts, which were conditional on the simultaneous award of more than one lot.

See the attached spreadsheet which details the application of the conditional discounts.

#### **13. Post-qualification** (*if required*)

[Name of bidder] was evaluated against the qualification criteria stated in the bidding document.

[Brief narrative on the result of the post-qualification evaluation and detailed justification with reasons if the bidder was found not qualified against any criteria.]

On the basis of the qualification criteria stated, [name of bidder] \_\_\_\_\_ is qualified/not qualified {delete as applicable}.

See record that summarises the post-qualification evaluation.

## **14. Recommendations** {to be amended as appropriate}

On the basis of the evaluation methodology and criteria stated in the invitation, it is recommended that-

	(1)	recommend	lation relates to] is fro	rocurement of [list all items the om [name of bidder] with a total		
		•	- •	amount]		
	(2)	•	s are/are not required.			
	(3)	_		s [currency and amount]		
	(4)	[currency a	*	requirement is estimated to be], including d in the estimatel.		
	{Rep	=		it awards or multiple lots}		
15.	<b>Disagreement by the Evaluation Committee</b> {delete if not applicable} The Evaluation Committee did not reach a unanimous decision on the evaluation and this evaluation report details the view of the majority of the team. [Give details of the issues where the team disagreed, the discussions held, the alternative views and the names of those with alternative views].					
16.	We o	confirm that	raluation Committees this evaluation report nation conducted:	gives a complete and accurate		
Name	e:		Signature:	Date:		
Name:			Signature:	Date:		
Name:			Signature:	Date:		
Form Form Form Table Table Table Sprea Sprea	8: Re 10: R 11: R 12: R 1: Pro 2: Su 3: Su dshee	ecord of mine ecord of bide ecord of bide eliminary exammary of de mmary of fir ts detailing lits showing a	or issue of bidding docutes of pre-bid meetirs received opening amination tailed evaluation ancial comparison	for partial or split awards		
amen	ided a	s available is appropria	te}	ent and Disposal Unit: {to be		

of all olds.

Regulations 35(3)

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

# EVALUATION REPORT UNDER QUALITY AND COST BASED EVALUATION METHOD

Procurement Reference Number							
Code of Procuring and Disposing Entity	Supplies/Works/ Non-consultancy services	Financial year	Sequence number				

<sup>\*\*</sup>Please read the guidance notes for preparing evaluation report at the end of this Form

#### 1. Introduction

(1)	On (date), the Contracts Committee approved the
	technical evaluation report and the opening of financial bids of the
	following bidders:

S/No.	Name of bidder	Technical score

(2) A copy of the technical evaluation report is attached.

#### FINANCIAL COMPARISON

# 2. Details of financial bid opening

- (1) A public opening of financial bids was held at [location] on [date] at [time].
- (2) The financial bids were opened, stamped and signed by the Chairperson and the price and technical score read out.

(3) The record of finacial bid opening was recorded using Form 15 which is attached.

{For quality and cost based selection}

# 3. Financial comparison

[Describe the correction of any arithmetic errors, application of any discounts, adjustments made for any nonmaterial nonconformities, errors or omissions, conversion to a common currency and application of any margin of preference.]

The bid with the lowest evaluated price was given a score of 100 and the other bids were given financial scores that were inversely proportional to the lowest priced proposal.

{Or describe other methodology for allocating financial scores, in accordance with the invitation.}

Refer to Table 1 which summarises the financial comparison.

#### 4. Total technical and financial score

- (1) A total score was obtained by weighting the technical and financial scores, using the weights stated in the invitation, and adding them together.
- (2) The technical weight was [technical weight] % and the financial weight was [financial weight] %.
- (3) The bids were ranked according to total score, with the highest total score being ranked first.

Refer to Table 2 which summarises the technical and financial scores and weightings and the total scores and rankings.

## **5. Post-qualification** (*if required*)

- (1) [Name of bidder] was evaluated against the qualification criteria stated in the bidding document.
- (2) [Brief narrative on the result of the post-qualification evaluation and detailed justification with reasons if the bidder was found not qualified against any criteria.]
- (3) On the basis of the qualification criteria stated, [name of bidder] \_\_\_\_\_\_ is qualified/not qualified {delete as applicable}.

See record that summarises the post-qualification evaluation.

#### **6. Recommendations** {amend as appropriate}

On the basis of the evaluation methodology and criteria stated in the invitation, it is recommended that—

- (1) the best evaluated bid for the procurement of [list all items the recommendation relates to] is from [name of bidder] with a total evaluated price of [currency and amount].
- (2) negotiations are/are not required.
- (3) the total proposed contract price is [currency and amount].
- (4) the total acquisition cost for the requirement is estimated to be [currency and amount], including [state all incidental costs included in the estimate].

# 7. Disagreement by the Evaluation Committee {delete if not applicable} The evaluation committee could not reach a unanimous decision on the evaluation and this evaluation report details the view of the majority of the team.

[Give details of the issues where the team disagreed, the discussions held, the alternative views and the names of those with alternative views].

#### 8. Signed by the Evaluation Committee:

We confirm that this evaluation report gives a complete and accurate report of the evaluation conducted:

Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

#### Annexes:

Technical evaluation report under quality and cost based evaluation method.

Form 15: Record of financial bid opening

Table 1: Summary of financial comparison

Table 2: Technical and financial evaluation summary

Minutes of the meeting of the evaluation committee

# Documents available from the Procurement and Disposal Unit: {amend as appropriate}

Copy of all financial bids.

# STATUTORY INSTRUMENTS SUPPLEMENT No. 3

14th February, 2014

#### STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated 14th February, 2014 Printed by UPPC, Entebbe, by Order of the Government.

#### S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 10.

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS (PROCUREMENT OF CONSULTANCY SERVICES) REGULATIONS, 2014.

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- 2. Interpretation.

#### Initiation of Procurement Requirement

- 3. Initiation of procurement requirement and confirmation of funding.
- 4. Availability of funds.
- 5. Assessment of market price.

#### Procurement of consultancy services

6. Methods of procuring consultancy services.

#### Expression of interest

- 7. Procuring consultancy services by publishing a notice of expression of interest.
- 8. Period for expressions of interest.
- 9. Short listing of consultants after expression of interest.
- 10. Debriefing of consultants not shortlisted.

#### Short listing consultants without expression of interest

- 11. Short listing consultants without publication of notice of expression of interest.
- 12. Shortlist of consultants.
- 13. Pre-qualification notices and documents.
- 14. Bidding periods in pre-qualification.
- 15. Developing pre-qualified list of consultants.

#### Single and sole source consultants

- 16. Procuring a single or sole consultant.
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## Evaluation of financial proposals

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#### **SCHEDULE 1—FORMS**

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- Form 19 Evaluation report for expression of interest for consultancy services
- Form 20 Record of issue of request for proposals or addenda
- Form 21 Record of minutes of pre-proposal meeting
- Form 22 Record of receipt of expression of interest/proposals
- Form 23 Record of opening of technical proposals
- Form 24 Technical evaluation report for consultancy services
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- Form 26 Evaluation report for consultancy services

#### S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 10.

# The Public Procurement and Disposal of Public Assets (Procurement of Consultancy Services) Regulations, 2014.

(Made under section 96(1) of the Public Procurement and Disposal of Public Assets Act, 2003)

IN EXERCISE of the powers conferred upon the Minister responsible for finance by section 96 (1) of the Public Procurement and Disposal of Public Assets Act, 2003, on the recommendation of the Authority and with the approval of Parliament, these Regulations are made, this 6th day of February, 2014.

#### 1. Title and Commencement.

- (1) These Regulations may be cited as the Public Procurement and Disposal of Public Assets (Procurement of Consultancy Services) Regulations, 2014.
- (2) These Regulations shall come into force on the 3rd day of March, 2014.

#### 2. Interpretation.

In these Regulations, unless the context otherwise requires—

- "Act" means the Public Procurement and Disposal of Public Assets Act, 2003;
- "consultancy service" means a service of an intellectual or advisory nature, provided by a practitioner who is skilled and qualified in a particular field of profession; and includes, but is not limited to, engineering design or supervision, accountancy, auditing, financial services, procurement services, training and capacity building services, management advice, policy studies and advice and assistance with institutional reform;
- "consultant" means an individual who, or a firm, company, corporation, organisation or partnership which, provides consultancy services to a procuring and disposing entity;

- "consultants qualifications selection method" means the method of selecting where a procuring and disposing entity—
  - (a) prepares the terms of reference to request expressions of interest and information on the consultants experience in order to develop a short list;
  - (b) selects a consultant with the most appropriate qualifications;
  - (c) requests the consultant with the most appropriate qualifications to submit a combined technical and financial proposal;
  - (d) evaluates the combined technical and financial proposal; and
  - (e) invites the consultant for negotiations;
- "fixed budget selection method" refers to a method of selecting consultants with the best technical proposal that is within the budget;
- "least cost selection method" refers to the method of selecting consultants where the lowest priced proposal meeting the minimum qualifying score of the technical proposal is selected:
- "quality based selection method" means the method of selecting consultants that uses quality as the primary factor and the technical proposal of the consultants are evaluated and only the financial proposal of the best evaluated consultant is opened and negotiated upon;
- "quality cost based selection method" means the method of selecting consultants which takes into account the quality of the of the proposal and the cost of the services in the selection of the consultant.

### Initiation of Procurement Requirement

## 3. Initiation of procurement requirement and confirmation of funding.

- (1) An initiation of a procurement requirement shall include—
- (a) a clearly defined terms of reference;
- (b) the estimated value of the consultancy services;
- (c) confirmation of availability of funding; and
- (d) the approval of the procurement requirement as specified in sub regulation (4).
- (2) In estimating the value of the consultancy services required and confirming the availability of funds, a procuring and disposing entity shall—
  - (a) base the estimate on an assessment of the market price;
  - (b) seek technical advice, where required; and
  - (c) ascertain that the confirmation of availability of funding takes into account the total cost of acquiring the requirement.
- (3) A specific reference number shall be allocated to each procurement requirement, using the numbering system prescribed by the Authority in guidelines.
- (4) The approval of requisition of a procurement requirement shall be evidenced by the signature of the Accounting Officer.
- (5) A procurement process shall be initiated using Part 1 of Form 18 in the Schedule.

### 4. Availability of funds.

(1) A procuring and disposing entity shall not initiate any procurement for which funds are not available or adequate, except where—

- (a) the delivery of consultancy services and the consequent payments to a provider are to be effected from subsequent financial years;
- (b) in the case of framework contracts, funds will be committed at the time of issue of each specific call off order; or
- (c) the Secretary to the Treasury confirms in writing that the required funding shall be made available.
- (2) The availability of funds shall be evidenced by budgeted or supplementary funds for the current financial year or an allocation for subsequent years.
  - (3) The accounting officer shall confirm the availability of funds.
- (4) Procurement may be initiated, in accordance with this regulation, before the receipt of funds, but a contract shall not be awarded before the availability of funds.

## 5. Assessment of market price.

- (1) In order to determine the market price of a consultancy service, the accounting officer shall use all appropriate sources of information, including—
  - (a) prices obtained on previous similar services; and
  - (b) prices advised by potential consultants.
- (2) Where the accounting officer contacts potential consultants for advice under subregulation (1)(b) in order to determine the market price, the accounting officer shall limit the information disclosed to the potential consultants to that which is essential for obtaining the market price or which is already available to the public.
- (3) Where the price of the best evaluated bidder is higher than the market price, established at the commencement of the procurement, the accounting officer shall re-assess the market price to ascertain that the market price is still valid.

### Procurement of consultancy services

## 6. Methods of procuring consultancy services.

A procuring and disposing entity shall procure consultancy services—

- (a) by publishing a notice inviting expression of interest and developing a shortlist;
- (b) by developing a shortlist without publication of a notice inviting expression of interest; or
- (c) by inviting a single or sole source consultant in accordance with regulation 16.

### Expression of interest

# 7. Procuring consultancy services by publishing a notice of expression of interest.

- (1) A procuring and disposing entity shall invite consultants to provide consultancy services by publishing a notice inviting interested consultants to submit expressions of interest.
- (2) A procuring and disposing entity shall publish the notice inviting expressions of interest in at least one newspaper of wide circulation in Uganda.
- (3) Where a procuring and disposing entity requires to obtain effective competition, the notice inviting expressions of interest shall also be published in the relevant trade or professional publication.
- (4) Where a procuring and disposing entity does not expect the required consultancy services to be available from at least six consultants in Uganda, the notice inviting expressions of interest shall be published in a publication of wide international circulation.
- (5) The notice inviting expressions of interest shall on the date of publication of the notice, be displayed on the website of the Authority and on the procurement and disposal notice board of the procuring and disposing entity, and remain on display up to the date of closing of submission of expressions of interest.

- (6) A notice inviting expressions of interest may also be published on the website of the procuring and disposing entity and in any other appropriate location.
- (7) A procuring and disposing entity may publish an abridged version of the notice inviting expressions of interest and where the procuring and disposing entity publishes an abridged version—
  - (a) the abridged notice shall indicate the website address where the full notice may be viewed; and
  - (b) the full notice shall be displayed on the website of the Authority and of the procuring and disposing entity.
  - (8) A notice inviting expressions of interest shall indicate—
  - (a) the name, address and contact details of the procuring and disposing entity;
  - (b) a summary of the scope of the assignment and a brief description of the required consultancy services;
  - (c) a statement of any eligibility and qualification requirements;
  - (d) the criteria to be used to evaluate the expressions of interest;
  - (e) details of the information required in the expression of interest, including any information or documentation required to verify the eligibility or qualifications of a consultant;
  - (f) instructions on the location for submission of expressions of interest and the deadline for submission; and
  - (g) instructions on the sealing and labelling of expressions of interest.
- (9) A procuring and disposing entity shall use the standard notice inviting expressions of interest issued by the Authority, to prepare a notice inviting expressions of interest.

(10) A request to publish a notice shall be made by the Procurement and Disposal Unit to the Contracts Committee using Part II of Form 18 in the Schedule.

#### 8. Period for expressions of interest.

- (1) The period for expressions of interest shall start on the date the notice is first published and end on the deadline for submission of expressions of interest.
  - (2) The period shall be determined taking into consideration—
  - (a) the level of detail required in the expression of interest;
  - (b) whether the consultants are required to submit authenticated legal documents or similar documents as part of the proposals and the time required to obtain the documents; and
  - (c) the location of the consultants and the time required to deliver the expression of interest to the procuring and disposing entity.
  - (3) The minimum period for expressions of interest shall be—
  - (a) ten working days where the notice is only published in Uganda; and
  - (b) fifteen working days where the notice is published internationally.

## 9. Short listing of consultants after expression of interest.

- (1) The evaluation committee shall, using the evaluation of expressions of interest, develop a shortlist of consultants who meet the requirements of the procuring and disposing entity.
- (2) The evaluation of expression of interest shall be in accordance with the criteria stated in the notice inviting expressions of interest.
  - (3) The evaluation of expressions of interest shall determine—

- (a) the capacity of a consultant to perform the assignment successfully; and
- (b) the eligibility of a consultant.
- (4) In determining the capacity of the consultant to perform an assignment successfully, the evaluation committee shall establish—
  - (a) the experience of the consultant in assignments of a similar nature;
  - (b) the experience of the consultant in countries with conditions similar to the conditions in Uganda;
  - (c) the skills of the consultant that are relevant to the assignment; and
  - (d) any other criteria that is relevant to the capacity of the consultants to perform the assignment.
- (5) In determining the eligibility of the consultant, the evaluation committee shall establish whether—
  - (a) the consultant has the legal capacity to enter into a contract with the procuring and disposing entity;
  - (b) the consultant is not insolvent, in receivership, bankrupt or being wound up;
  - (c) the business activities of the consultant are not suspended;
  - (d) the consultant is not the subject of legal proceedings for any of the circumstances mentioned in paragraph (b);
  - (e) the consultant fulfilled the obligations to pay taxes and social security contributions in Uganda;
  - (f) the consultant does not have a conflict of interest in relation to the subject of the procurement;
  - (g) the consultant is not suspended by the Authority; and

- (h) the consultant is not a member of the procuring and disposing entity as defined in section 91U of the Act.
- (6) For the purpose of subregulation (5), a consultant, where the consultant is a firm, company, corporation, organisation or partnership, shall be required to submit the following documents, with the expression of interest—
  - (a) a copy of the trading licence of the consultant or its equivalent;
  - (b) a copy of the certificate of registration of the consultant or its equivalent;
  - (c) a signed statement indicating that the consultant does not have a conflict of interest in the subject of the procurement; and
  - (d) any other relevant documents or statements as may be stated in the notice inviting expression of interest.
- (7) Subregulation (6) (a) and (b) shall not apply to a consultant who is registered by the Authority on the register of providers.
- (8) Where the business of a consultant is not registered in Uganda and a document required in subregulation (6) is not available in the country of the consultant, the consultant shall submit an alternative document or a statement affirming that the document is not available in the country of the consultant.
- (9) A procuring and disposing entity shall verify the accuracy, validity and authenticity of the documents submitted a consultant under subregulation (6).
- (10) For the purpose of subregulation (4), where the consultant is an individual, the consultant shall be required to submit a curriculum vitae, with the expression of interest.
- (11) The eligibility of a consultant shall be evaluated on a pass or fail basis and where a consultant fails the eligibility requirements, the consultant shall be eliminated from the evaluation.

- (12) A shortlist shall to the extent possible, have six consultants.
- (13) The evaluation of expressions of interest shall be recorded using Form 19 in the Schedule.

## 10. Debriefing of consultants not shortlisted.

- (1) The procuring and disposing entity shall, on the day the request for proposals is issued, notify a consultant who is not shortlisted.
- (2) A procuring and disposing entity shall where requested by a consultant who is not shortlisted, provide the consultant with a debrief stating the reasons for the failure of the expression of interest of that consultant.
  - (3) The debrief shall—
  - (a) include a copy of the shortlist of the consultants approved for the consultancy service; and
  - (b) include brief details of the reasons why the consultant was not shortlisted and the reasons why the consultant did not meet the required standard or the relative weaknesses of the expression of interest of the consultant against the evaluation criteria.
- (4) The debrief shall be unique to a consultant and shall not provide details of any other expression of interest except the information specified under subregulation (3) or information which is available publicly.
- (5) A procuring and disposing entity shall provide the debrief within ten working days of a request.

Short listing consultants without expression of interest

# 11. Short listing consultants without publication of notice of expression of interest.

(1) A procuring and disposing entity may short list consultants without publication of a notice for expression of interest where—

- (a) the consultancy service can only be provided by a limited number of consultants, in this case not more than six consultants;
- (b) the value of the procurement is lower than the value prescribed for publication of notice inviting expression of interest; or
- (c) there is an emergency situation.
- (2) The shortlist shall for the purposes of sub regulation (1) (a), have all the potential consultants and for the purposes of sub regulation (1) (b), have at least three consultants.
- (3) Where consultants are shortlisted without publication of a notice of expression of interest on the grounds that the service can only be provided by a limited number of consultants, the procuring and disposing entity shall prior to issuing the request for proposals, publish a notice on the website of the Authority indicating—
  - (a) the subject matter of the procurement; and
  - (b) the shortlist of consultants.
- (4) For the purposes of developing a shortlist, a procuring and disposing entity shall use its list of prequalified providers.
- (5) Where a procuring and disposing entity does not have a list of prequalified providers, the procuring and disposing entity shall use—
  - (a) the register of providers of the Authority;
  - (b) the recommendations of a competent authority; or
  - (c) the pre-qualified list of providers of another procuring and disposing entity, for a similar procurement.
- (6) A procuring and disposing entity shall in developing a short list confirm that—

- (a) a fair and equal opportunity is afforded to all the consultants and that barrier shall not be created to deter competition;
- (b) a consultant is not included on the shortlist unless the consultant is expected to fully satisfy the eligibility requirements in regulation 9(5);
- (c) a consultant is not included on the shortlist unless the consultant is expected to fully satisfy the qualification requirements and the key personnel of the consultant have the relevant experience and the qualifications to perform the service; and
- (d) the owners of the consultant, where the consultant is a firm, company, corporation, organisation or partnership, are not owners of another firm, company, corporation, organisation or partnership on the shortlist.

#### 12. Shortlist of consultants.

- (1) The procuring and disposing entity shall, before a request for proposals is issued to the consultants, display the shortlist on the procurement and disposal notice board of the procuring and disposing entity.
- (2) The Procurement and Disposal Unit shall submit the shortlist of consultants, a request for proposals document and the proposed evaluation committee to the contracts committee for approval using Part II of Form 18 in the Schedule.
- (3) The Contracts Committee shall consider the shortlist of consultants and record the reasons for the selection of each consultant in Part III of Form 18 in the Schedule.
- (4) The shortlist approved by the Contracts Committee shall, on the date the request for proposals is issued to the consultants on the shortlist, be displayed on the procurement and disposal notice board of the procuring and disposing entity, and shall be displayed for the duration of the period for submission of proposals.

### 13. Pre-qualification notices and documents

- (1) A procuring and disposing entity shall by issuing a prequalification notice, invite potential consultants to obtain the prequalification documents from the procuring and disposing entity.
- (2) A pre-qualification notice shall be published in at least one newspaper of wide circulation.
- (3) A procuring and disposing entity shall, for the purpose of sub regulation (1), use the pre-qualification documents issued by the Authority.
  - (4) Pre-qualification documents shall contain—
  - (a) the categories of consultancy services required by the procuring and disposing entity;
  - (b) the criteria for pre-qualification;
  - (c) a statement of the information required from a provider;
  - (d) instructions on the location and deadline for submission of pre-qualification applications; and
  - (e) instructions on the sealing and labelling of pre-qualification applications.
- (5) The information required from a provider under sub regulation (4) (c) shall be the minimum information required to make a judgment on the suitability of the provider and not to discourage a provider from applying for pre-qualification.

#### 14. Bidding periods in pre-qualification

- (1) The bidding period for pre-qualification shall start from the date of first publication of the pre-qualification notice or the date of availability of the pre-qualification documents, whichever is later, and end on the deadline for submission of pre-qualification applications.
- (2) The minimum bidding period for pre-qualification shall be fifteen working days.

(3) Forms 20, 22 and 23 shall apply to the pre-qualification exercise under this regulation.

## 15. Developing pre qualified list of consultants.

- (1) The evaluation of pre-qualification applications shall be in accordance with the criteria stated in the pre-qualification documents.
- (2) In determining the eligibility of the consultant, the evaluation committee shall establish whether—
  - (a) the consultant has the legal capacity to enter into a contract with the procuring and disposing entity;
  - (b) the consultant is not insolvent, in receivership, bankrupt or being wound up;
  - (c) the business activities of the consultant are not suspended;
  - (d) the consultant is not the subject of legal proceedings for any of the circumstances mentioned in paragraph (b).
  - (e) the consultant fulfilled the obligations to pay taxes and social security contributions in Uganda;
  - (f) the consultant does not have a conflict of interest in relation to the subject of the procurement;
  - (g) the consultant is not suspended by the Authority; and
  - (h) the consultant is not a member of the procuring and disposing entity as defined in section 91U of the Act.
- (3) For the purpose of sub regulation (2), a consultant, where the consultant is a firm, company, corporation, organisation or partnership, shall be required to submit the following documents, with the application to be pre-qualified—
  - (a) a copy of the trading licence of the consultant or its equivalent;
  - (b) a copy of the certificate of registration of the consultant or its equivalent;

- (c) a signed statement indicating that the consultant does not have a conflict of interest in the subject of the procurement; and
- (d) any other relevant documents or statements as may be stated in the pre-qualification document.
- (4) Sub regulation (3) (a) and (b) shall not apply to a consultant who is registered by the Authority on the register of providers.
- (5) Regulation 9 (8) to (13) shall apply to pre-qualification as they apply to expression of interest.

#### Single and sole source consultants

#### 16. Procuring a single or sole source consultant.

- (1) Where exceptional circumstances prevent the use of competitive bidding and where the conditions for using the direct procurement method as specified in the Fourth Schedule to the Act are satisfied, a procuring and disposing entity may invite a consultant who has the capacity to perform the required assignment to submit a proposal.
  - (2) For the purposes of sub regulation (1)—
  - (a) a single consultant shall be identified from a number of consultants who are able to provide the consultancy service;
  - (b) a sole source consultant shall be identified where only one consultant is able to provide the consultancy service, due to the unique skills or knowledge of that consultant or where there is need for continuity in the delivery of the consultancy service.
- (3) A procuring and disposing entity shall use the prequalified list of providers of the procuring and disposing entity to identify a single consultant or a sole source consultant for a consultancy service and where the procuring and disposing entity does not have a prequalified list of providers, the procuring and disposing entity shall use—

- (a) the register of providers of the Authority;
- (b) the recommendations of a competent authority; or
- (c) the pre-qualified providers of another procuring and disposing entity.
- (4) For each consultancy service, the consultants who are eligible for selection as single consultants shall, be procured on a rotational basis.
- (5) The Procurement and Disposal Unit shall, prior to making a recommendation for procurement as a single or sole source consultant to the Contracts Committee, confirm that the consultant is eligible and qualified.
- (6) Where a consultant is to be procured as a sole source consultant, the Procurement and Disposal Unit shall, prior to making a recommendation to the Contracts Committee, verify that only that consultant is able to meet the requirements of the required consultancy service, due to the unique skills or knowledge of the consultant and that the consultant is eligible and qualified.
- (7) The Procurement and Disposal Unit shall submit the name of the recommended single consultant or a sole source consultant to the Contracts Committee for approval of the request for proposals, using Part II of Form 18 in the Schedule.
- (8) The name of the single consultant or sole source consultant, who is approved by the Contracts Committee shall on the day the request for proposals is issued, be displayed on the procurement and disposal notice board of the procuring and disposing entity, and remain on display for the duration of the period for submission of proposals.

#### 17. Procurement of services of consultants who are individuals.

(1) Regulations 6, 7, 8, 9, 10, 11, 12 and 16 shall apply to the procurement of services of consultants who are individuals.

- (2) A procuring and disposing entity shall procure the services of a consultant who is an individual where—
  - (a) the procuring and disposing entity does not require the services of a firm, company, corporation, organisation or partnership to provide the consultancy services;
  - (b) additional professional support is not required; or
  - (c) the experience and qualifications of the consultant who is an individual are the most important requirement.
- (3) A notice inviting expression of interest from individual consultants shall in addition to the requirements in regulation 7, state—
  - (a) the address of the website with the full terms of reference which shall state the skills, qualifications and experience required;
  - (b) details of the information required from the consultants, which shall include the curriculum vitae, the fee rate of the consultants and a covering letter stating the suitability and availability of the consultant, for the assignment;
  - (c) that the expression of interest is to be submitted using the one stage-single envelope method;
  - (d) the criteria to be used to select the consultants which shall be based on the experience and qualifications of the consultant and capacity to provide the consultancy services; and
  - (e) whether the selection shall take into account references and use interviews to assess the skills, qualifications and experience of the consultant.
- (4) Where a consultant is to be interviewed as part of the selection process, the notice shall state that—

- (a) the consultant invited for the interview will bear the costs of attendance;
- (b) the consultant invited for the interview shall be notified of the arrangements for the interview; and
- (c) where the consultant who is invited for interviews fails to attend, the consultant shall be eliminated from the selection process.
- (5) The full terms of reference shall be displayed on a website referenced in the notice and shall promptly be made available to a consultant who makes a request.
- (6) A procuring and disposing entity shall use the standard notice inviting individual consultants issued by the Authority to prepare a notice inviting individual consultants.

#### Request for proposals

## 18. Drafting request for proposals.

- (1) A procuring and disposing entity shall use the standard request for proposals issued by the Authority, to draft a request for proposals for a consultancy service.
- (2) A request for proposals shall be approved by the Contracts Committee.
- (3) For the purposes of drafting a request for proposals under sub regulation (1), a Procurement and Disposal Unit shall not make any textual or other changes to the section on instructions to consultants, the section on the general conditions of the contract and the section on the proposal forms, except in accordance with sub regulation (4).
  - (4) The Procurement and Disposal Unit shall—
  - (a) effect any necessary changes to the instructions to the consultants by an entry in the data sheet;

- (b) effect changes to the general conditions of contract by an entry to the special conditions of contract;
- (c) modify the statement of requirements, as may be required; and
- (d) modify the evaluation and qualification criteria in accordance with the options in the standard request for proposals issued by the Authority and these Regulations.
- (5) A request for proposals shall—
- (a) define the terms of reference of the consultancy service in a precise form and in a manner that leaves no doubt or assumption by a consultant;
- (b) state clearly the selection method to be used which shall be appropriate to the requirements of the procuring and disposing entity;
- (c) state the validity period of the proposals;
- (d) state whether a pre-proposal meeting is to be held;
- (e) where appropriate, notify of the date, time and the location for the opening of the technical proposals and the information to be read at the opening session;
- (f) state clearly the evaluation criteria to be used including the all appropriate factors and their weighting and method of application;
- (g) include a draft contract with the structure of payment, payment terms and method of payment; and
- (h) require that the basis of the prices and costs required are adequately defined and that these represent the full cost of the procurement requirement.

- (6) A request for proposals shall—
- (a) in respect of the instructions to the consultants on the selection process—
  - (i) indicate the form of the proposal securing declaration, where required;
  - (ii) indicate the form required of a valid proposal;
  - (iii) provide instructions on the requirements for signing and authorising proposals;
  - (iv) state the details for labelling the envelopes and that the proposals are to be submitted in a securely sealed plain outer envelope;
  - (v) contain instructions that a consultant may, at any time before the deadline for submission of proposals, withdraw the proposal and submit another or modify part of a proposal and the procedure for this;
  - (vi) state that a consultant may seek clarification on the request for proposal and the date by which clarification may be sought;
  - (vii) state that the original copy of the technical proposal and of the financial proposal shall be marked, "ORIGINAL" and specify the number of copies of the technical proposal and of the financial proposal to be submitted, which shall be marked, "COPY".
  - (viii) the currency in which a proposal is to be submitted;
  - (ix) the proposal submission method, including instructions for the submission of the technical and financial proposals, separately, where applicable;
  - (x) the selection method and evaluation criteria to be used; and

- (xi) the procedure for conversion of prices to a single currency for evaluation purposes, including the source and date of exchange rates to be used;
- (b) in respect of the statement of requirements for the consultancy services, include—
  - (i) the terms of reference and the expected input of the key personnel;
  - (ii) the duration and timing of the inputs and the completion schedule;
  - (iii) the inputs and facilities to be provided by the procuring and disposing entity; and
  - (iv) the required deliverables or outputs and the arrangements for approval or acceptance of the deliverables or outputs;
- (c) in respect of the proposed contract, include—
  - (i) the type of contract to be placed;
  - (ii) the amount and form of the performance security, where this is required;
  - (iii) the currency in which the contract price is to be paid;
  - (iv) the payment terms and the documentation required for payment;
  - (v) the basis for determining the fixed prices and the variable prices, and the method for calculating the variations in the variable prices, where required;
  - (vi) provisions relating to fraud and collusion; and
  - (vii) the method of payment.
- (7) For the purposes of sub regulation (6) (a) (v) and (vi), the consultants shall indicate on the envelopes—

- (a) the procurement reference number;
- (b) the name of the consultant; and
- (c) the following words—
  - (i) "TECHNICAL" or "FINANCIAL", as may be necessary;
  - (ii) "WITHDRAWAL" "MODIFICATION" or "REPLACEMENT", as may be necessary; and
  - (iii) "NOT TO BE OPENED BEFORE DATE AND TIME OF PROPOSAL OPENING".
- (8) The request for proposals may require a consultant to comment on the terms of reference.

#### 19. Changes to proposal details.

- (1) The request for proposals shall state that a consultant shall not seek to make a change to the substance of a proposal submitted and shall not be permitted to effect any change, after the deadline for submission of proposals.
- (2) The request for proposals shall state that the proposal of a consultant who attempts to make a change to the proposal, after the deadline for submission of proposals, shall be rejected and the consultant reported to the Authority.

#### 20. Details of terms of reference in request for proposals.

- (1) A statement of requirements for the procurement of consultancy services shall be in the form of terms of reference.
- (2) The terms of reference for consultancy services shall be included in the request for proposals and in the contract.
- (3) The terms of reference shall contain a clear and unambiguous description of the required consultancy services and shall include—

- (a) a background narrative to the required consultancy services;
- (b) the objectives of the required consultancy services and a list of the targets to be achieved by the consultant;
- (c) a list of the specific tasks or duties to be performed;
- (d) a schedule of the deliverables or the outputs for the assignment and the timelines for submission of the deliverables or outputs, against which the achievements of the consultancy services are to be measured;
- (e) the management and reporting lines of the consultant, to the procuring and disposing entity and the specific administrative arrangements and reporting requirements to apply;
- (f) the duration of the assignment and the timetable for implementing the assignment;
- (g) the industry standards applicable to the assignment, if any; and
- (h) the required key personnel and their minimum qualifications.

#### 21. Details to be included in the request for proposal.

- (1) A request for proposals shall—
- (a) where the quality and cost based selection method is to be used, state—
  - (i) the technical evaluation criteria to be used and the maximum scores for each criterion;
  - (ii) the qualifying score of the technical proposal; and
  - (iii) the relative weights to be allocated to the technical and the financial proposals at evaluation;
- (b) where the quality based selection method is used, state—
  - (i) the technical evaluation criteria to be used and the maximum scores for each criteria; and

- (ii) the qualifying score of the technical proposal;
- (c) where the fixed budget selection method is to be used, state—
  - (i) the technical evaluation criteria to be used and the maximum scores for each criterion;
  - (ii) the qualifying score of the technical proposal; and
  - (iii) the budget for the assignment;
- (d) where the least cost selection method is to be used, state—
  - (i) the technical evaluation criteria to be used and the maximum scores for each criteria; and
  - (ii) the qualifying score of the proposal;
- (e) where the consultants qualification selection method is used, state—
  - (i) the technical evaluation criteria to be used and the maximum scores for each criteria; and
  - (ii) the qualifying score of the proposal.
- (2) For the purposes of sub regulation (1) (a) (iii) the weight for the financial score shall not be less than ten points and not more than thirty points of the total of one hundred points for the technical and financial proposals.

## 22. Details of evaluation criteria to be included in request for proposals.

- (1) The evaluation criteria to be used shall be stated in the request for proposal and the evaluation shall be conducted in accordance with the criteria without any amendment to the criteria.
- (2) The request for proposals shall state the technical evaluation criteria, which shall consist of a number of main criteria which may be divided into sub criteria.

- (3) The request for proposals shall state that total of the points for all the criteria shall be one hundred and shall state the maximum number of points for each main criterion.
- (4) The main criteria and maximum number of points in this subregulation are indicative and may be adjusted to the specific circumstances of the procurement requirement—

	Total	100 points
(e)	Participation by nationals	0 to 10 points
(d)	Transfer of knowledge	0 to 10 points
(c)	Key personnel	30 to 60 points
(b)	Methodology proposed	20 to 50 points
(a)	Specific experience	5 to 10 points
	Criteria	Range of points

(5) Where an evaluation is complex or where a detailed evaluation of sub criteria or the curriculum vitae is required, each criterion may be scored out of one hundred points and the scores of each criterion weighted to obtain a maximum total of one hundred points.

#### 23. Issue of request for proposals.

- (1) A request for proposals shall be issued to all the consultants who are invited to submit proposals, on the same day.
- (2) A procuring and disposing entity shall obtain a signed receipt or other confirmation of receipt of the request for proposal from the consultant to whom a request for proposal is issued.
- (3) A procuring and disposing entity shall only receive proposals from consultants who are invited to submit proposals.
- (4) A procuring and disposing entity shall record the issuance of the request for proposals using Form 20 in the Schedule.

#### 24. Considerations in respect of taxes, duties and levies.

- (1) A request for proposals shall state the taxes, duties and levies to be included in the evaluated price.
- (2) A procuring and disposing entity shall state the liability to taxes and other such charges for the consultant for the duration of the consultancy.
- (3) Unless otherwise stated in the request for proposals, where a preference scheme applies, the cost of any taxes, duties or levies shall be included in the evaluated price prior to the application of any margin of preference.

#### 25. Availability of staff.

- (1) A procuring and disposing entity shall in the request for proposals, where appropriate—
  - (a) request the consultant to confirm the availability of the key professional staff, whose curriculum vitae are to be included in the proposal and which shall be evaluated; and
  - (b) request for signed statements of availability from the key professional staff, which shall be included in the proposal.
- (2) A procuring and disposing entity may, where necessary, allow a consultant to substitute the key professional staff of the consultant, and where the procuring and disposing entity allows this, the substitute staff shall have equivalent or superior qualifications and experience.
- (3) A consultant shall confirm the availability of the key professional staff.

### 26. Insurance and indemnity for consultancy services.

- (1) A procuring and disposing entity shall in the request for proposal require a consultant—
  - (a) to indemnify or cause to be indemnified, the procurement requirements for the consultancy services—

- (i) against damage, loss or injury to person or property arising from the services provided; and
- (ii) against any actions, suits, claims, demands, costs and expenses occasioned by negligent or breach of statutory duty by a consultant; and
- (b) to have and maintain adequate professional liability and insurance coverage against negligent performance.
- (2) A procuring and disposing entity shall state the insurance and indemnity required for the procurement of consultancy services in the request for proposals and shall require a consultant to include in the proposal, the costs of the insurance and indemnity.

## 27. Period for preparation of proposals for consultancy services.

- (1) The period for preparation of proposals for consultancy services shall start on the date the consultants are invited to submit proposals and end on the deadline for submission of proposals.
- (2) A procuring and disposing entity shall determine the period in subregulation (1), taking into consideration the following factors-
  - (a) the time necessary for the consultants to prepare the proposals, taking into account the level of detail required and the complexity of proposals and to obtain authenticated legal documents, where these are required;
  - (b) the location of consultants invited to submit proposals and the time required to deliver the request for proposals to the procuring and disposing entity; and
  - (c) the anticipated duration of the procurement process.
  - (3) The minimum bidding period shall be—
  - (a) fifteen working days, in the case of consultancy firms; and

- (b) ten working days in the case of individuals.
- (4) Subregulation (3) shall not apply in an emergency situation or where single or sole source consultant is invited in accordance with regulation 16.

#### 28. Clarification and amendment of request for proposals.

- (1) Where a consultant makes a request for clarification, the procuring and disposing entity shall in writing, provide the clarification and send a copy of the clarification to all the consultants who are invited to submit proposals.
- (2) The clarification shall describe the request made, but shall not identifying the consultant who makes the request.
- (3) At any time, prior to the deadline for submission of proposals, a procuring and disposing entity may, at its own initiative or in response to a request for clarification from a consultant, amend the request for proposals by issuing an addendum.
- (4) Where a procuring and disposing entity amends the request for proposals by issuing an addendum, the procuring and disposing entity may where necessary extend the period for preparation of proposals, as may be appropriate.
- (5) The addendum and the extension to the period of submission of proposals, shall be issued to all the consultants who are invited to submit proposals.
- (6) An addendum to a request for proposals shall be approved by the Contracts Committee prior to issue to the consultants.
  - (7) The addenda shall be numbered sequentially.
- (8) The clarifications and amendments to the request for proposals issued under this regulation shall be binding on the consultants.

### 29. Pre-proposal meetings.

- (1) A procuring and disposing entity may hold a pre-proposal meeting to allow consultants to whom a request for proposals is issued to seek clarification on the requirements of the procuring and disposing entity.
- (2) A pre-proposal meeting shall be managed by the Procurement and Disposal Unit and person nominated by the user department shall attend the meeting.
- (3) To allow the consultants take into account any additional information in the preparation of the proposals, the pre-proposal meeting shall be held within sufficient time before the deadline for submission of proposals.
- (4) A procuring and disposing entity shall give the consultants sufficient notice of the meeting.
- (5) The minutes of a pre-proposal meeting shall be recorded using Form 21 in the Schedule and copies of the minutes shall be provided to all the consultants who are issued the request for proposals.

# 30. Period of validity of proposals and extension of period of validity.

- (1) The period of validity of a proposal shall start from the date of the closing of submission of the proposal and end on the last day of the period of validity of the proposal.
- (2) A procuring and disposing entity shall determine the period of validity of a proposal taking into consideration the following—
  - (a) the time needed by the procuring and disposing entity to undertake the technical and financial evaluation and negotiations, as appropriate;
  - (b) the time needed by the Contracts Committee to adjudicate the award of contract recommendation; and

- (c) the time needed by the Procurement and Disposal Unit to prepare the letter of proposal acceptance and the contract and to obtain the required approvals.
- (3) Where it is necessary, for purposes of completing the requirements specified in subregulation (2), to extend the period of validity of a proposal, the consultant shall be requested in writing, before the expiry of the validity of the proposal of the consultant, to extend the period of validity of the proposal.
- (4) A consultant shall not, in extending the period of validity of a proposal, change the price or any other item of the proposal.
- (5) A consultant may refuse to extend the period of validity of the proposal and where the consultant refuses, the proposal securing declaration shall not be executed.

### 31. Proposal securing declaration.

- (1) A procuring and disposing entity may require a consultant to provide a proposal securing declaration in respect of the proposal submitted.
  - (2) A proposal securing declaration shall be—
  - (a) in a format provided in the request for proposals; and
  - (b) valid until the date prescribed in the request for proposals.
- (3) Where a consultant breaches the proposal securing declaration, the procuring and disposing entity shall immediately notify the Authority.
- (4) The Authority may in accordance with Section 94 of the Act, suspend a consultant who breaches a proposal securing declaration.

## 32. Methods for submission of proposals.

(1) A procuring and disposing entity shall use one of the following methods of submission of proposals—

- (a) the one stage-two envelope method where the proposal is submitted in an outer sealed envelope containing two separately sealed envelopes labelled "technical proposal" and "financial proposal", respectively;
- (b) the one stage-single envelope method where a proposal is submitted in one sealed envelope; or
- (c) two stage method where, at the first stage only the technical proposal is submitted and at the second stage, a revised technical proposal and a financial proposal are submitted.
- (2) The method of submission of proposals shall be used for the respective methods of procurement and shall be based on the following—
  - (a) the one stage-two envelope method shall be used where, the quality and cost based selection method, the quality based selection method, the least cost selection method or the fixed budget selection method is used and may be used for the quality based selection method;
  - (b) the one stage-single envelope method shall be used for the direct procurement method or the consultants' qualifications selection method; and
  - (c) the two stage method shall be used for the quality based selection method.

#### 33. Withdrawal, modification and replacement of proposals.

- (1) A consultant shall withdraw or modify a proposal by writing a letter, notifying the procuring and disposing entity of the withdrawal or modification, as the case may be.
- (2) The letter to withdrawal a proposal shall be contained in an envelope clearly marked, "WITHDRAWAL" and shall be submitted in the same way as a proposal.

- (3) A consultant who withdraws a proposal may submit a replacement proposal which shall be submitted in an envelope clearly marked "REPLACEMENT".
- (4) A consultant may modify part of a proposal by submitting another proposal in respect of the part to be modified with a covering letter in an envelope clearly marked, "MODIFICATION".
- (5) The proposal submitted under subregulation (4) and the covering letter shall indicate the part of the proposal to which the modification relates.

### Receipt and opening of proposals

### 34. Methods of receipt of proposal.

- (1) A proposal shall be received by a procuring and disposing entity where—
  - (a) the proposal is received by a member of the Procurement and Disposal Unit; or
  - (b) the proposal is deposited in the proposal box.
- (2) A procuring and disposing entity shall not be held liable for risk of loss or delay in delivery of a proposal delivered by courier.

# 35. Receipt of proposals in person and closing of submission of proposals.

- (1) A member of the Procurement and Disposal Unit shall be available at the location for submission of proposals, for a reasonable period of time before the deadline for submission, to receive proposals and to issue receipts.
- (2) The Procurement and Disposal Unit shall issue a receipt for each proposal received, stating the date and time the proposal is received.

- (3) A procuring and disposing entity shall maintain a record of the proposals received using Form 22 in the Schedule which shall indicate the name of the consultant, the date and time the proposal is received and name of the member of staff of the Procurement and Disposal Unit who receives the proposal.
- (4) The process of submission of proposals shall be closed at the deadline for submitting proposals.
- (5) A proposal that is brought to the location of submission of proposals after the deadline for submission shall not be accepted or received by the procuring and disposing entity.
- (6) A proposal that is submitted after the deadline for submission of proposals shall be labelled "LATE", and shall be returned unopened to the consultant or shall be destroyed where the proposal is not labelled with the name of the consultant.
- (7) The closure of the process of submission of proposals shall be managed by at least one member of the procurement and disposal unit and shall be witnessed by a member of the Contracts Committee or a person nominated by the user department.
- (8) The persons referred to in subregulation (7) shall fill and sign Form 22 in the Schedule to confirm that selection closed at the deadline for submission of proposals.
- (9) Immediately after the closure of the process of submission of proposals, the proposals received shall be moved to the location where the proposals are to be opened.

## 36. Receipt of proposals by box and closing of submission of proposals.

(1) A Procurement and Disposal Unit shall provide a box for submission of proposals which shall be accessible to a consultant during working hours, until the deadline for submission of proposals.

- (2) A Procurement and Disposal unit may issue a receipt for each proposal received, stating the date and time the proposal was received, before it is placed in the box and record the receipt of the proposal using Form 22 in the Schedule.
- (3) Where a proposal is too large to be placed in the box, a member of the Procurement and Disposal Unit shall receive the proposal and issue a receipt.
- (4) The process of submission of proposals shall be closed at the deadline for submission of proposals, by sealing the box.
- (5) A proposal that is brought to the location for submission of proposals after the deadline for submission shall not be, placed in the box or accepted in any other way.
- (6) The closure of the process of submission of proposals shall be managed by at least one member of the Procurement and Disposal Unit and shall be witnessed by a member of the Contracts Committee or a person nominated by the user department.
- (7) The persons referred to in subregulation (6) shall sign Form 22 in the Schedule to confirm that selection was closed at the deadline for submission of proposals.
- (8) Immediately after the closure of the process of submission of proposals, the proposals received shall be moved to the location where the proposals are to be opened.

### 37. Representation of consultants at public opening.

- (1) A consultant or a representative of the consultant may attend the public opening session.
- (2) A consultant or a representative of the consultant shall be requested to confirm that the proposal is as it was submitted but shall not be permitted to make any addition, deletion or modification to the exterior or the contents of the proposal.

(3) A consultant or a representative of the consultant may ask questions after the proposals are opened but a procuring and disposing entity shall not enter into a discussion with the consultant or the representative of the consultant, on the specific details of any proposal.

### 38. Information to be read out at technical opening.

The Procurement and Disposal Unit shall at the technical opening session notify the consultants of—

- (a) the consultants who submit proposals;
- (b) a consultant that did not submit a proposal securing declaration, where this was requested for;
- (c) the consultant who submitted separately sealed financial proposals, where this was required; and
- (d) any other information that is required to be stated at the public opening as indicated in the request for proposals.

#### 39. Procedure for public opening of technical proposals.

- (1) The public opening of technical proposals shall be managed by the Procurement and Disposal Unit and shall be witnessed by a member of the Contracts Committee or a person nominated by the User Department.
- (2) At the public opening, the Procurement and Disposal Unit shall first manage the envelopes marked "WITHDRAWAL" by reading out the names of the consultants as indicated on the envelopes and returning the sealed envelopes to the consultants.
- (3) A proposal shall be accepted as withdrawn where the withdrawal notice is in accordance with the instructions for withdrawal of proposals stated in the request for proposals.
- (4) The Procurement and Disposal Unit shall open all the other envelopes including the envelopes marked "REPLACEMENT" and "MODIFICATION" and read out the information that is required by the request for proposal to be read out at the public opening session.

- (5) The financial proposals shall not be opened at the public opening session.
- (6) A replacement proposal shall be recorded as such in the record of the proposal opening session.
- (7) The signed pages of the technical proposal and any other pages as may be determined by the person who chairs the public opening session to be the important pages of the technical proposals shall be endorsed with the stamp of the procuring and disposing entity and signed or initialled by that person.
- (8) The procuring and disposing entity shall, in the record of proposal opening session, note the proposal securing declarations received.
- (9) A copy of the record shall be made available to a consultant or a representative of the consultant, upon request, and on payment of the fee prescribed by the Authority in guidelines.
- (10) A copy of the record shall be posted on the procurement and disposal notice board of the procuring and disposing entity, three working days after the public opening session is held and shall be displayed for a minimum of one week.
- (11) The public opening of the technical proposals and expressions of interest shall be recorded using Form 23 in the Schedule.

Methods of selection of consultants and evaluation of proposals

#### 40. Methods of selection of consultants.

- (1) A procuring and disposing entity may use any of the following selection methods for the selection of consultants—
  - (a) the quality and cost based selection method;
  - (b) the quality based selection method;
  - (c) the fixed budget selection method;

- (d) the least cost selection method; or
- (e) consultants qualifications selection method.
- (2) A request for proposals shall indicate the selection method to be used by the procuring and disposing entity.
- (3) A procuring and disposing entity shall use the quality and cost based selection method to select consultants except in the circumstances specified in subregulation (4), where other selection methods may be used.
- (4) A procuring and disposing entity may use other methods in the following circumstances—
  - (a) the quality based selection method shall be used for—
    - (i) highly specialised assignments, where it is difficult to develop precise terms of reference or the required input and for which a procuring and disposing entity expects consultants to demonstrate innovation in the proposal;
    - (ii) assignments that have a high downstream impact and in which, the objective is to have the best consultants; and
    - (iii) assignments that can be carried out in several different ways, where a proposal is therefore not comparable and where the value of the consultancy services depends on the quality of the proposals submitted;
  - (b) the fixed budget selection method shall be used where an assignment is simple, can be precisely defined, and where the budget is fixed;
  - (c) the least cost based selection method shall be used where the required consultancy service is of a standard or routine nature and where well established practices and standards exist; and

(d) the consultant qualifications selection method shall be used for consultancy services of a value as may be prescribed by the Authority in guidelines.

# 41. Application of the Public Procurement and Disposal of Public Assets (Evaluation) Regulations, 2014.

The Public Procurement and Disposal of Public Assets (Evaluation) Regulations 2014, shall, with the necessary modifications, apply to evaluation of proposals under these Regulations.

### 42. Evaluation of proposals.

- (1) An evaluation committee shall evaluate the proposals for provision of consultancy services using the method and criteria stated in the request for proposals.
- (2) The technical proposals shall be evaluated within thirty working days from the date of the opening of the technical proposals.
- (3) The financial proposals shall be evaluated within seven working days from the date of the opening of the financial proposals.

### 43. Request for clarification of proposals.

- (1) Notwithstanding regulation 19, an evaluation committee may at any stage of the evaluation, request a consultant to clarify the information provided in the proposal or to submit additional documentation to clarify the information provided.
- (2) An evaluation committee shall only make a request for clarification of information or submission of documentation under sub regulation (1) where—
  - (a) there is a nonconformity or an omission in the proposal, which is not a material deviation as specified in regulation 44 (3); or
  - (b) there is an arithmetic error which has to be corrected.

- (3) A request for clarification or submission shall not be made with the intention of—
  - (a) altering or amending the price of the proposal except to correct errors in accordance with regulation 44;
  - (b) changing the substance of the terms and conditions of the proposal; or
  - (c) substantially altering anything which forms a crucial or deciding factor in the evaluation of the proposal.
- (4) A consultant shall not be permitted to make a clarification or submission which—
  - (a) alters or amends the price of a proposal except to correct errors in accordance with regulation 44;
  - (b) changes the substance of the terms and conditions of the proposal; or
  - (c) substantially alters anything which forms a crucial or deciding factor in the evaluation of the proposal.
- (5) A request to a consultant shall be signed by the chairperson of the evaluation committee.
- (6) Where a consultant does not respond to a request, the evaluation committee may disqualify the consultant.
- (7) A request to clarify the information provided in the proposal or to submit additional documentation shall not become negotiations.

#### 44. Correction of non-conformities and omissions.

(1) Notwithstanding regulation 19, an evaluation committee may correct non-conformity or an omission in a proposal that does not constitute a material deviation.

- (2) For purposes of making a correction under sub regulation (1), a nonconformity or an omission shall be quantified and expressed in monetary terms and the proposal price shall, for evaluation purposes only, be adjusted, to reflect the price of the non-conforming or the omitted item or component.
- (3) For the purposes of these Regulations a material deviation is a deviation that—
  - (a) is inconsistent with the request for proposal and which may limit in any substantial way, the rights of the procuring and disposing entity or the obligations of the consultant under the contract;
  - (b) if corrected would unfairly affect the competitive position of the other consultants whose proposal are administratively compliant; or
  - (c) impacts the key factors of a procurement including cost, risk, time and quality and causes unacceptable—
    - (i) time schedules, where it is stated in the request for proposals that time is of the essence;
    - (ii) alternative technical details, such as design, materials, workmanship, specifications, standards or methodologies; or
    - (iii) counter-proposals with respect to key contract terms and conditions, such as payment terms, price adjustment, liquidated damages, sub-contracting or warranty.

# 45. Receipt and evaluation of single proposal or of limited number of proposals.

(1) Where a procuring and disposing entity receives one proposal or a limited number of proposals in response to a notice inviting expression of interest or in response to a request for proposals sold or issued to bidders, the procuring and disposing entity may accept the single proposal or the limited number of proposals.

- (2) For the purposes of subregulation (1), an evaluation committee shall select the single proposal or the limited number of proposals where the evaluation committee determines that—
  - (a) the procurement method was appropriate for the required consultancy service and that there is an adequate number of consultants that make competition possible;
  - (b) the bidding period was sufficient for the procurement method and the required consultancy service;
  - (c) the terms and conditions of the request for proposals were reasonable and not excessive to deter competition;
  - (d) the proposal notice, if any, was published in an appropriate publication and on the required date;
  - (e) the short list has the required number of consultants;
  - (f) the consultants who are shortlisted were issued with the request for proposal and that there was no delay in issuing the request for proposals;
  - (g) the amendments to the request for proposals, if any, allowed sufficient time for the bidders to take the amendments into account in preparing the proposals;
  - (h) there was no unrelated event or circumstance that may have affected the ability of the bidders to respond to the proposal notice or the request for proposals; and
  - (i) there is no suspicion of collusion between the consultants.
- (3) In this regulation "limited number of proposals" means proposals of a small proportion of the bidders who bought or who were issued with request for proposals.
- (4) The evaluation report shall include a discussion of the evaluation committee of the issues in subregulation (2).

### Evaluation of technical proposals

#### 46. Preliminary examination.

- (1) An evaluation committee shall at the preliminary examination determine whether the proposal is administratively compliant.
- (2) A proposal shall be administratively compliant where the proposal conforms to the instructions, requirements and the terms and conditions of the request for proposals without any non-conformity or omission.
  - (3) A proposal shall be administratively compliant where—
  - (a) the proposal is submitted in the required format;
  - (b) the financial proposal is submitted separately;
  - (c) the signature and authorisation to submit proposals is in accordance with the instructions in the request for proposals;
  - (d) a proposal securing declaration, if required, is submitted in the correct format:
  - (e) the validity of the proposal is correct; and
  - (f) the additional documentation that is required is submitted.
- (4) The preliminary examination shall be conducted on a pass or fail basis and a proposal that is not administratively compliant and responsive to the request for proposals, shall be rejected at the preliminary examination stage of evaluation.
- (5) Notwithstanding subregulation (4), where a proposal is not administratively compliant but the non-compliance does not constitute a material deviation the evaluation committee may waive, clarify or correct the deviation.

#### 47. Detailed evaluation.

- (1) An evaluation committee shall using the evaluation criteria in the request for proposals and based on the contents of a proposal, conduct a detailed evaluation of a proposal that passes the preliminary examination.
- (2) The detailed evaluation shall compare the details of the proposal with the criteria stated in the request for proposals.
- (3) The detailed evaluation of proposals shall use a merit point evaluation system as specified in the request for proposals.
- (4) A proposal which does not achieve the minimum score required in the request for proposal shall be rejected at the detailed evaluation stage.

### 48. Procedure for conducting merit point evaluation.

- (1) The following procedure shall apply to the conduct of the merit point evaluation—
  - (a) the members of the evaluation committee shall at a meeting of the evaluation committee discuss the criteria and any subcriteria and the relative importance of each criteria and subcriteria;
  - (b) each member of the evaluation committee shall independently conduct an evaluation by considering each proposal and awarding scores for the set criterion and record the scores in the score sheet;
  - (c) the chairperson of the evaluation committee shall at a meeting of the evaluation committee collect the score sheets and the scores awarded by each evaluator shall be compiled during the meeting, to produce a score sheet for each proposal, from which the average score for each proposal shall be calculated;

- (d) the members of the evaluation committee shall compare the scores of each evaluator for each proposal in order to verify that there has been a consistency of approach to the evaluation and a common understanding of the criteria and of each proposal by all the members of the evaluation committee;
- (e) the evaluation committee shall note any significant deviation from the average score or any inconsistencies in scoring and these shall be discussed and each evaluator shall explain and justify the scores awarded, where required; and
- (f) where the evaluation committee agrees that a member of the evaluation committee was not consistent in the approach or did not understand the evaluation criterion or a proposal, the member shall be permitted to adjust the scores awarded but shall not be obliged to make the adjustments.
- (2) The average score in subregulation (1) (c) shall be the total technical score of the proposal and where a weighted score is used, the weightings shall be applied prior to calculating the average score.
- (3) For the purposes of subregulation (1) (f), an adjustment shall only be permitted to the extent necessary to correct an inconsistency in the approach or where a member of the evaluation committee did not misunderstand the evaluation criterion or the proposal.
- (4) An adjustment shall not be made where it is not permitted by the evaluation committee.
- (5) Where a score is adjusted, the original score sheet shall be kept as part of the record of the evaluation and the adjusted score shall be recorded on a new score sheet.
- (6) The evaluation committee shall, in the evaluation report, indicate the strengths and weaknesses of each proposal.

### 49. Technical evaluation report.

- (1) The Procurement and Disposal Unit shall submit the report of the evaluation committee to the contracts committee for approval before the financial proposals are opened.
- (2) The evaluation report shall be signed by all the members of the evaluation committee and a member who is not able to sign the report shall given a written explanation for this.
  - (3) The technical evaluation report shall contain—
  - (a) a summary of the preliminary examination;
  - (b) the results of the technical evaluation, including the scores allocated to each proposal, a narrative on the strengths and weaknesses of each proposal and the ranking of the proposals as may required by the selection method;
  - (c) the non-conformity or omissions, if any, relating to the technical method used by the consultant or regarding the staffing or required experience; and
  - (d) recommendations on the proposals that should be evaluated at the financial comparison stage.
- (4) The technical evaluation report shall be prepared using Form 24 in the Schedule.

# 50. Notification to consultants not recommended for financial evaluation.

(1) After the approval of the technical evaluation report by the Contracts Committee and before the financial proposals are open, the consultants whose proposals are disqualified at the technical evaluation stage and which are not recommended for financial evaluation shall be informed.

- (2) The procuring and disposing entity shall, on request, provide a consultant whose proposal is disqualified at the technical evaluation stage and which is not recommended for financial evaluation with a debrief which shall state the score awarded to the proposal at the technical evaluation, the reasons for the disqualification of the proposal and the weaknesses of the proposal against the evaluation criteria.
- (3) The debrief under this regulation shall be unique to the consultant who makes a request and shall not provide details on any other proposal, other than the information that is otherwise publicly available.
- (4) The debrief shall be provided within ten working days of a request by a consultant.
- (5) A financial proposal that is not evaluated shall be returned to the consultant, unopened, after the contract is awarded.

# 51. Evaluation of proposals of single consultants and sole source consultants.

- (1) The evaluation committee shall make a recommendation for award of contract, to a single consultant or sole source consultant where the proposal of the consultant achieves the minimum technical score.
- (2) Where the technical proposal of a single consultant or a sole source consultant is not administratively compliant or does not achieve the minimum technical score, the evaluation committee shall recommend to the Contracts Committee to reject the proposal and to invite another consultant to submit a proposal.
- (3) The Procurement and Disposal Committee shall submit the report of the evaluation committee the contracts committee for approval without any change or comment.
  - (4) The evaluation report shall state—
  - (a) the results of the preliminary examination;

- (b) the technical scores awarded by each member of the evaluation committee;
- (c) the total technical score for the proposal;
- (d) a description of the relative strengths and weaknesses of the proposal;
- (e) the price of the financial proposal read out at the proposal opening session;
- (f) the results of the assessment of responsiveness to the terms and conditions of the request for proposals;
- (g) the evaluated price of the proposal, following any arithmetic corrections or adjustments to the price;
- (h) a recommendation to award the contract to the consultant or where the proposal is rejected, the reasons for the rejection;
   and
- (i) the issues that require negotiations, if any.
- (5) The evaluation report shall be signed by all the members of the evaluation committee and a member who is not able to sign the report shall given a written explanation for this.
- (6) The evaluation report shall be prepared using Form 24 in the Schedule.

### Evaluation of financial proposals

### 52. Notification of public opening of financial proposals.

- (1) A procuring and disposing entity shall notify the consultants whose technical proposals qualify for financial comparison and invite the consultants to the session for opening the financial proposals.
  - (2) The notification shall indicate—

- (a) the date and time of the opening of the financial proposals, which date shall be five days after the notification;
- (b) the location of the opening session; and
- (c) the information to be read out and recorded at the opening session.
- (3) The session for opening the financial proposals shall be open to the public.

#### 53. Procedure for opening of financial proposals.

- (1) The opening of the financial proposals shall be managed by the Procurement and Disposal Unit and shall be witnessed by a member of the Contracts Committee or a person nominted by the user department.
- (2) The Procurement and Disposal Unit shall open all the financial proposals and read out the information that is required by the request for proposal, to be read out at the public opening session.
- (3) The Procurement and Disposing Unit shall at the financial proposal opening session notify the consultants—
  - (a) of the consultants who submitted proposals;
  - (b) of the technical score obtained by each consultant;
  - (c) of the total price of each financial proposal, including the currency and the amount; and
  - (d) of any other information that is required to be stated at the public opening as indicated in the request for proposals.
- (4) The important pages of the financial proposals shall be endorsed with the stamp of the procuring and disposing entity and signed or initialled by the person who chairs the public opening session.

- (5) For purposes of subregulation (4), the important pages of a financial proposal shall be the signed pages of the financial proposal, the proposal submission sheet and all the pages containing financial information.
- (6) The procuring and disposing entity shall, in the record of the proposal opening session, note any inconsistencies or omissions in the proposals submitted.
- (7) A copy of the record of the proposal opening session shall be posted on the procurement and disposal notice board of the procuring and disposing entity, a day after the public opening session is held and shall be displayed for a minimum of four weeks.
- (8) The public opening of the financial proposals shall be recorded using Form 25 in the Schedule.

# 54. Representation of consultants at opening session of financial proposals.

- (1) A procuring and disposing entity shall allow a consultant or a representative of the consultant whose financial proposals is to be opened, to attend the public opening sessions but the consultant or the representative of the consultant shall not participate in the opening of the proposals.
- (2) A consultant or a representative of the consultant shall be requested to confirm that the proposal is as it was submitted but shall not be permitted to make any addition, deletion or modification to the exterior or the contents of the proposal.

#### 55. Financial comparison.

- (1) An evaluation committee shall conduct a financial comparison of the proposals by examining and comparing the financial proposals and determining the best evaluated proposal.
- (2) The financial comparison shall only be conducted on the proposals that are opened at the session for opening financial proposal.

- (3) The financial comparison shall—
- (a) assess whether a proposal conforms to the terms and conditions of the request for proposals, without material deviation;
- (b) determine the proposal price;
- (c) correct any arithmetic errors in a proposal;
- (d) determine whether a financial proposal is complete and where a proposal is not complete, cost the missing items and add these to the original proposal price in accordance with regulation 57;
- (e) make adjustments for a non-conformity or an omission in a proposal that does not constitute a material deviation in accordance with subregulation (4);
- (f) convert the currencies of the proposals into a single currency for purposes of comparison, where required;
- (g) apply any margin of preference in accordance with the procedure specified in the request for proposals;
- (h) determine the total evaluated price of each proposal;
- (i) award a financial score to each proposal or rank the proposals, in accordance with the requirements of the selection method used; and
- (j) determine the best evaluated proposal using the method and criteria specified in the request for proposals.
- (4) For the purposes of subregulation (3) (e), an adjustment for a non-conformity or an omission in a proposal that does not constitute a material deviation shall be made using the following rules—

- (a) the price of an input or item that is described in the technical proposal but which is not priced, shall be assumed to be included in the prices of the other inputs or items;
- (b) where the quantification of an input or item in the financial proposal is different from the quantification in the technical proposal—
  - (i) the evaluation committee shall, where a time-based contract is to be used, correct the quantification in the financial proposal to make it consistent with the quantification in the technical proposal by applying the relevant unit price to the corrected quantity and correcting the total financial price; and
  - (ii) and a lump sum contract is used, no corrections shall be made to the financial proposal.
- (5) A financial proposal shall be determined to be complete where the price of the inputs and items required is indicated and included in the technical proposal.

### 56. Costs to be included in the financial comparison.

- (1) The costs to be taken into account in the financial comparison include—
  - (a) fee rates, based on either a fixed or estimated total input quantity;
  - (b) reimbursable costs, such as costs for travel, translation, printing and dispatching report, communication and secretarial services;
  - (c) costs for office accommodation, investigations and surveys;
  - (d) costs of rental and freight for any equipment to be provided by the consultant;

- (e) duties, taxes or other levies; and
- (f) contingencies.
- (2) The request for proposals shall state the costs to be taken into account in the financial comparison and the costs shall be excluded from the financial comparison.

#### 57. Correction of arithmetic errors.

- (1) Notwithstanding regulation 44, an evaluation committee may correct an error that is purely arithmetical.
- (2) Where the request for proposals does not specify the arithmetical error that may be corrected, an arithmetical error shall be corrected where—
  - (a) there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, in which case the unit price shall prevail and the total price shall be corrected, except where there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
  - (b) there is an error in a total which corresponds to the addition or subtraction of subtotals, in which case the subtotals shall prevail and the total shall be corrected; or
  - (c) there is a discrepancy between the words and the figures in the proposal, in which case the amount in words shall prevail, except where the amount which is expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to paragraphs (a) and (b).

### 58. Evaluation of financial proposals for consultancy services.

A financial proposal shall be evaluated using the selection method specified in the request for proposals and in regulation 40.

# 59. Evaluation of financial proposals under the quality and cost based evaluation method and determining the best evaluated proposal.

- (1) An evaluation committee shall evaluate the financial proposals of the corresponding technical proposals that achieved the minimum qualifying score under the detailed evaluation for the technical proposals.
- (2) The financial proposals shall be opened and the financial evaluation conducted after approval of the technical evaluation report by the Contracts Committee.
- (3) The evaluation of the financial proposals shall be in accordance with regulation 55 (3).
- (4) The financial proposal with the lowest evaluated price shall be given a financial score of 100 and the other proposals shall each be given a financial score that is inversely proportional to the lowest evaluated price.
- (5) Notwithstanding subregulation (4), another method, where this is provided in the request for proposals, may be used to allocate scores for the cost.
  - (6) For the purposes of determining the best evaluated proposal—
  - (a) the score of the technical and financial proposals shall be weighted, using the weights stated in the request for proposals;
  - (b) the total score of a proposal shall be obtained by adding the weighted score of the technical and financial proposals; and
  - (c) the consultant who obtains the highest total score under paragraph (b) shall, be recommended for award of contract.
- (7) The evaluation committee shall prepare an evaluation report which shall indicate—

- (a) the total price of the proposal of each consultant and technical score of each consultant as read out at the public opening of the financial proposals;
- (b) the results of the administrative compliance of the proposals to the terms and conditions of the request for proposals and the reasons for the rejection of the proposals that are rejected;
- (c) the evaluated price of each proposal, following any corrections or adjustments to the price and the conversion to a single currency;
- (d) the score of each financial proposal;
- (e) the weighting of the technical and financial scores;
- (f) the total score for each proposal; and
- (g) a recommendation to award the contract to the consultant who obtains the highest total score under subregulation(6).
- (8) The Procurement and Disposal Unit shall submit the report of the evaluation committee to the contracts committee for approval without any change or comment
- (9) The evaluation report shall be prepared using Form 26 in the Schedule.

# 60. Evaluation of financial proposals under the quality based evaluation method.

(1) An evaluation committee shall evaluate the financial proposal of the corresponding technical proposal that achieved the highest qualifying score under the detailed evaluation for the technical proposals.

- (2) The financial proposals shall be opened and the financial evaluation conducted after approval of the technical evaluation report by the Contracts Committee.
- (3) The evaluation of the financial proposal shall be in accordance with regulation 55 (3).
- (4) The consultant who obtains the highest qualifying score under the detailed evaluation shall be recommended for award of contract.
- (5) The evaluation committee shall prepare an evaluation report which shall indicate—
  - (a) the price of the financial proposal of the consultant, following any corrections or adjustments to the price and the technical score of the consultant as read out at the public opening of the financial proposals;
  - (b) the results of the administrative compliance of the proposal to the terms and conditions of the request for proposals; and
  - (c) a recommendation to award the contract to the consultant.
- (6) The Procurement and Disposal Unit shall submit the report of the evaluation committee to the contracts committee for approval without any change or comment.
- (7) The evaluation report shall be prepared using Form 26 in the Schedule.

# 61. Evaluation of financial proposals under the fixed budget evaluation method.

(1) An evaluation committee shall evaluate the financial proposals of the corresponding technical proposals that achieved the minimum qualifying score under the detailed evaluation for the technical proposals.

- (2) The financial proposals shall be opened and the financial evaluation conducted after approval of the technical evaluation report by the Contracts Committee.
- (3) The evaluation of the financial proposal shall be in accordance with regulation 55 (3).
- (4) A proposal which exceeds the budget indicated in the request for proposals shall be rejected.
- (5) The proposals that are within the budget of the procuring and disposing entity shall be ranked according to their technical scores and the consultant who submitted the highest ranked, of the technical proposals that are within the budget, shall be recommended for award of contract.
- (6) The evaluation committee shall prepare an evaluation report which shall indicate—
  - (a) the total price of the proposal of each consultant and technical score of each consultant as read out at the public opening of the financial proposals;
  - (b) the results of the administrative compliance of the proposals to the terms and conditions of the request for proposals and the reasons for the rejection of the proposals that are rejected;
  - (c) the evaluated price of each proposal, following any corrections or adjustments to the price and the conversion to a single currency;
  - (d) the proposals that were rejected for exceeding the budget;
  - (e) the ranking of the proposals that are within the budget, using the score of the technical proposals;
  - (f) a recommendation to award the contract to the consultant who obtains the highest technical score, that is within the budget; and

- (g) where appropriate, a recommendation for negotiation and the issues for negotiations.
- (7) The evaluation report shall be signed by all the members of the evaluation committee.
- (8) The Procurement and Disposal Unit shall submit the report of the evaluation committee to the contracts committee for approval without any change or comment.
- (9) The evaluation report shall be prepared using Form 26 in the Schedule.

# 62. Evaluation of financial proposals under the least cost evaluation method.

- (1) An evaluation committee shall evaluate the financial proposals of the corresponding technical proposals that achieved the minimum qualifying score under the detailed evaluation for the technical proposals.
- (2) The financial proposals shall be opened and the financial evaluation conducted after approval of the technical evaluation report by the Contracts Committee.
- (3) The evaluation of the financial proposal shall be in accordance with regulation 55 (3).
- (4) The financial proposals shall be ranked according to the total prices.
- (5) The consultant who submits the lowest priced proposal, which meets the minimum qualifying score under the detailed evaluationshall be recommended for award of contract.
- (6) The evaluation committee shall prepare an evaluation report which shall indicate—
  - (a) the total price of each proposal and the technical score of each proposal as read out at the public opening of the financial proposals;

- (b) the results of the administrative compliance of the proposals to the terms and conditions of the request for proposals and the reasons for the rejection of the proposals that are rejected;
- (c) the evaluated price of each proposal, following any corrections or adjustments to the price and the conversion to a single currency;
- (d) the ranking of the proposals, according to their total proposal price;
- (e) a recommendation to award the contract to the consultant with the lowest proposal price, which meets the minimum qualifying technical mark; and
- (f) where appropriate, a recommendation for negotiation and the issues for negotiations.
- (7) The evaluation report shall be signed by all the members of the evaluation committee.
- (8) The Procurement and Disposal Unit shall submit the evaluation report to the Contracts Committee for approval without any change or comment.
- (9) The evaluation report shall be prepared using Form 24 in the Schedule.

Selection of consultants who are individuals

#### 63. Selection of consultant who is an individual.

- (1) An evaluation committee shall select the consultant who is an individual with the best evaluated expression of interest.
- (2) The selection shall be conducted using the criteria stated in the invitation for expression of interest.
  - (3) The evaluation committee shall during the selection—

- (a) verify that a consultant meets the eligibility criteria stated in the notice;
- (b) assess the skills, qualifications and experience of a consultant in relation to the requirements of the terms of reference and criteria stated in the invitation for expression of interest;
- (c) reject a consultant who does not substantially meet the requirements of the procuring and disposing entity, as defined in the terms of reference; and
- (d) rank the consultants who meet the requirements of the procuring and disposing entity according to the technical scores of their proposals.
- (4) Where it is stated in the invitation for expression of interest, the evaluation shall—
  - (a) take into account references; or
  - (b) use interviews to assess the skills, qualifications and experience of a consultant.
- (5) Where an interview is to be conducted, it shall be after the evaluation of the other criteria with the consultant with the best expression of interest.
- (6) An interview may be conducted by telephone or other appropriate means of communication.
- (7) An interview shall be conducted by at least three members of the evaluation committee who shall prepare a plan for the interview for the approval of the contracts committee, prior to the interview.
- (8) The minutes of the interview shall form part of the evaluation report.

- (9) Subject to the requirement for an interview in this regulation, the evaluation committee shall recommend to the contracts committee to award the contract to the consultant with the best expression of interest.
  - (10) The evaluation report shall contain—
  - (a) the results of the assessment of responsiveness to the notice inviting expression of interest;
  - (b) the score for the expression of interest, awarded by each member of the evaluation committee:
  - (c) the total score for the expression of interest;
  - (d) the evaluated price of the expressions of interest, following any arithmetic corrections or adjustments to the price;
  - (e) a recommendation to award the contract to the consultant with the best expression of interest; and
  - (f) a recommendation for negotiations, where necessary.
- (11) The evaluation report shall be signed by all the members of the evaluation committee.
- (12) The evaluation report shall be submitted to the Contracts Committee for approval.
- (13) The evaluation report shall be prepared using Form 26 in the Schedule.

### Contracts for consultancy services

### 64. Types of contracts for consultancy services.

(1) A procuring and disposing entity shall use the following types of contracts as shall be necessary—

- (a) a lump sum contract shall be used where the content of the required consultancy service, the duration of the consultancy service, and the required output are clearly defined and are all in the control of the consultant;
- (b) a time-based contract shall be used where it is difficult to define the scope and duration of the required consultancy service, where the consultancy service is related to an activity performed by other consultant for which the completion period may vary or where the input required to attain the objectives is difficult to assess;
- (c) a framework contract shall be used—
  - (i) for regularly required professional services or technical advice, such as audit services or legal or procurement advice;
  - (ii) where there is a need to have consultancy services "on call" and the extent and timing of the requirement cannot be defined in advance; or
  - (iii) for requirements which are needed repeatedly or continuously over a period of time and having the requirement available on a "call off" basis would reduce procurement costs or reduce lead times;
- (d) a percentage based contract shall be used where it is appropriate to relate the fee to be paid directly to the estimated or actual cost of the subject of the contract, such as the construction cost of the project or the cost of goods procured, auctioned or inspected such as architectural services, third party procurement, auctions or inspection services; and
- (e) a retainer contract shall be used where a procuring and disposing entity intends to retain a specialised consultant over a prescribed period of time, but where the level and amount of services required cannot be defined or where advisers are to be retained for the implementation of complex projects or for technical troubleshooting.

(2) The Public Procurement and Disposal of Public Assets (Contracts) Regulations 2014 shall, with the necessary modifications, apply to the contracts for the procurement of consultancy services entered into under these Regulations.

#### 65. Evaluated price and contract price.

- (1) The price of the best evaluated proposal shall be used only as a basis for evaluating a proposal and shall not necessarily be the price of the resulting contract.
- (2) The following elements of a financial evaluation shall not be included in the proposed contract price—
  - (a) any margin of preference that is allocated to the consultant during evaluation;
  - (b) any conversion to a common currency; and
  - (c) any weightings applied to the financial proposals.
- (3) For the avoidance of doubt, the following elements of a financial evaluation shall be included in the components of the proposed contract price—
  - (a) the cost of all taxes, duties and levies originally included in the proposal price; and
  - (b) any adjustments made to correct arithmetical errors.

#### 66. Negotiations with consultants.

- (1) For the purpose of section 88A of the Act, a procuring and disposing entity may, before award of contract conduct negotiations with a consultant to whom it is award of contract is recommended.
- (2) The negotiations shall for all selection methods, except the quality based selection method and the direct selection method or the consultants qualifications method, relate to—

- (a) minor alterations to the terms of reference or the method proposed by the consultant, to take into account the comments of the consultant on the terms of reference;
- (b) the scope of the assignment and the inputs to be used;
- (c) minor amendments to the special conditions of the contract;
- (d) the arrangements for payment under the contract;
- (e) the work plan and completion schedule to accommodate any changes in the terms of reference or a request made by the procuring and disposing entity;
- (f) the inputs required from the procuring and disposing entity; or
- (g) clarification of any details that are not apparent or which could not be finalised at the time of submission of expression of interest.
- (3) Where direct selection method, quality based selection method or the consultants qualifications method is used, the negotiations shall relate to—
  - (a) alterations to the terms of reference or the method proposed by the consultant:
  - (b) a reduction of inputs for budgetary reasons;
  - (c) amendments to the special conditions of the contract;
  - (d) the payment terms and arrangements;
  - (e) proposal unit rates;
  - (f) the work plan and completion schedule;

- (g) inputs required from the procuring and disposing entity; or
- (h) clarification of any details that are not apparent or which could not be finalised at the time of submission of expression of interest.
- (4) The negotiations held under this regulation shall not—
- (a) substantially change the technical quality or details of the procurement requirement, including the tasks or responsibilities of the consultant;
- (b) materially alter the terms and conditions of the contract stated in the request for proposal.

# THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

# EVALUATION REPORT FOR EXPRESSIONS OF INTEREST FOR CONSULTANCY SERVICES

	Procurement Reference Number	r	
Code of Procuring and Disposing Entity	Consultancy services	Financial year	Sequence number

#### 1. Introduction

- (1) {For expression of interest for single requirements}
- (a) The requirement is for [subject of procurement].
- (b) The procurement method used and approved by the Contracts Committee was through publication of a notice inviting expression of interest and developing a shortlist.
- (2) {For prequalification}

The prequalification is for [subject of procurement].

#### 2. Details of invitation

{For expression of interest}

- (1) The expression of interest notice was approved by the Contracts Committee on [date].
- (2) The expression of interest notice was advertised on the [date] in [name of publication].

 $\{For\ prequalification\}$ 

- (1) The prequalification notice and document was approved by contracts Committee on [date].
- (2) The prequalification notice was advertised on [date] in [name of publication]
- (3) The list of consultants requesting the prequalification document was recorded using Form 20 which is attached

### 3. Details of expression of interest/prequalification closing

- (1) Submission of expression of interest/prequalification applications closed on [date] at [time] at [location].
- (2) The receipt of expressions of interest/prequalification applications was recorded using Form 22 which is attached.

### 4. Details of expression of interest/prequalification opening

A public opening was held at [location] on [date] at [time]. The expression of interest/prequalification opening and attendance was recorded using Form 23 which is attached.

#### 5. Details of Evaluation Committee

The evaluation committee approved by the Contracts Committee on [date] comprised:

[Name] [Title and department] [Name] [Title and department] [Name] [Title and department]

#### 6. Details of the evaluation

{For expression of interest}

- (1) All expressions of interest submissions received were evaluated against the criteria stated in the expression of interest notice. [Brief narrative on the result of the evaluation and detailed justification with reasons why an expression of interest, if any, was declared non responsive.]
- (2) On the basis of the expression of interest criteria stated, [number] consultants are pre-qualified and [number] are not pre-qualified. See the attached table, which summarises the evaluation.

#### 7. Recommendation

(1) {For expression of interest for single requirements}
It is recommended that the following consultants be invited to submit
proposals:

(i)			 			 				 												
(ii)			 			 				 												
(iii)			 			 				 												

### (2) {For prequalification}

(1) All prequalification applications received were evaluated against the criteria stated in the prequalification document.

[Brief narrative on the result of the evaluation and detailed justification with reasons why an application, if any, was declared non responsive.]

(2) On the basis of the prequalification criteria stated, [number] consultants are pre-qualified and [number] are not pre-qualified. See the attached table, which summarises the evaluation.

#### 8. Recommendation

It is recommended that [number] consultants be retained on file as prequalified and used on future shortlists for [subject of procurement].

**9. Disagreement by the Evaluation Committee** {delete if not applicable} The evaluation committee could not reach a unanimous decision on the expression of interest and this report details the view of the majority of the team.

[Give details of the issues where the team disagreed, the discussions held, the alternative views and the names of those with alternative views].

#### 10. Signed by the Evaluation Committee:

We confirm that this expression of interest/prequalification evaluation report gives a complete and accurate report of the expression of interest conducted:

Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

### **Annexes: {amend as appropriate}**

Form 20 - Record of issue of expression of interest/request for proposals/addenda

Form 22—Record of receipt of expression of interest/proposals

Form 23—Record of opening of expression of interest.

Summary of expression of interest evaluation

# Documents available from the Procurement and Disposal Unit: {amend as appropriate}

Copy of the expression of interest notice.

Copy of all expression of interest submissions.

Copy of the prequalification document.

Copy of all prequalification applications.

#### **FORM 24**

Regulations 49(4), 51(6), 62(9)

# THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

# TECHNICAL EVALUATION REPORT FOR CONSULTANCY SERVICES

	Procurement Reference Number	r			
Code of Procuring and Disposing Entity	Consultancy services	Financial year	Sequence number		

<sup>\*\*</sup>Please read the guidance notes for preparing evaluation report at the end of this Form

#### BACKGROUND AND TECHNICAL EVALUATION

#### 1. Introduction

(1)

- (1) The requirement is for the provision of consultancy services for [subject of procurement].
- (2) The procurement method used and approved by the Contracts Committee was [through publication of a notice inviting expression of interest and developing a shortlist/development of a shortlist without publication of a notice inviting expression of interest/invitation of a single or sole consultant].

# 2A. Details for publication of a notice inviting expression of interest and developing a shortlist

Committee on [date] \_\_\_\_\_.

(2) The notice was advertised on the [date] \_\_\_\_\_ in [name of publication].

(3) The request for proposals, [RFP], evaluation of expressions of

The expression of interest notice was approved by the Contracts

- (3) The request for proposals, [RFP], evaluation of expressions of interest and shortlist were approved by Contracts Committee on [date\_\_\_\_\_]
- (4) The list of consultants who were issued with the proposal documents was recorded using Form 20 which is attached.

2B.		nils for development of a shortlist without publication of a notice ing expression of interest/invitation											
	(1) The request for proposals (RFP) document and shortlist wapproved by the Contracts Committee on [date]												
	(2)	The consultants who were issued with the proposal documents/request for proposals were recorded using Form 20 which is attached.											
2C.	Details for invitation of a single or sole consultant												
	(1)	The proposal document and proposed single/sole consultant were approved by the Contracts Committee on [date]											
	(2)	The proposal document was issued on [date]											
3A.	Addenda to proposal document												
	{For addenda}												
	(1)	[Number]addendum/addenda was/were approved by the Contracts Committee on [date(s)]and issued.											
	(2)	The issue of the addendum/addenda was recorded using Form 20 which is attached.											
3B.	Whe	ere there is no addenda											
	No a	addenda to the proposal document were required or issued.											
4.	Pre-proposal meeting {delete if not applicable}												
	(1)	A pre-proposal meeting was held at [location] on [date]											
	(2)	The meeting was recorded using Form 21 which is attached.											
5.	Dead	dline for submission of proposals											
	short inviti	publication of a notice inviting expression of interest and developing a tlist and for development of a shortlist without publication of a notice ing expression of interest/invitation}											
	Ride	ling was closed on [data] at [time]											

	at [location] The
rece	ipt of proposals was recorded using Form 22 which is attached.
{For	· invitation of a single or sole consultant}
The	sealed proposal was received on [date].
Deta	ails of proposal opening
(1)	A public proposal opening was held at [location]on [date]at [time]
(2)	The outer envelopes were opened and checks were made to ensure that the envelopes contained two separately sealed envelopes of technical and financial proposals.
(3)	Only the technical proposals only were opened, stamped and signed by the Chairperson.
(4)	The financial proposals were not opened and were put into secure storage. The proposal opening and attendance was recorded using Form 23 which is attached.
Deta	nils of Evaluation Committee
The	Evaluation Committee approved by the Contracts Committee on
	e]comprised:
	ne] [designation and department
	ne] [designation and department]
[Nar	ne] [designation and department]

{For quality and cost based selection}

#### 8A. Details of evaluation method.

The evaluation method being used is the quality and cost based selection method which involves the following procedure:

- (a) preliminary examination on a pass/fail basis to determine the eligibility of the consultants and assess their administrative compliance to the invitation and the non eligible and non compliant proposals were eliminated from further evaluation;
- (b) detailed evaluation to assess the technical quality of proposals against the criteria in the Terms of Reference in the invitation and determine their total technical score using a merit point system and each proposal was compared to the minimum technical qualifying mark stated in the invitation and those not meeting the minimum mark were eliminated from further evaluation; and

- (c) financial proposals of those consultants who were substantially responsive and met the minimum qualifying mark will be opened and a financial comparison carried out to examine financial proposals and determine the financial score of each proposal; and
- (d) technical and financial scores will be combined, using the weightings given in the invitation, to give a total score for each proposal. The consultant with the highest total score will be ranked first and recommended for contract award, subject to any negotiations required.

#### 9A. Preliminary examination

[Brief narrative on the result of the preliminary examination and detailed justification with reasons why any proposals were declared non eligible or non compliant].

See Table 1, which summarises the preliminary examination.

#### 10A. Detailed technical evaluation (of the eligible, compliant proposals)

[Brief narrative on the results of the detailed technical evaluation, including strong and weak points of each proposal and reasons for any large differences in scores between evaluators. State how many proposals reached the minimum qualifying mark and how many failed to reach it].

The strengths and weaknesses of each proposal are highlighted in the Table below:

Number	Name of Consultant	Strengths	Weaknesses
1			
1			
2.			
_			
3			

A summary of the technical scores is given in Table 2, indicating which proposals reached the minimum qualifying mark. The score sheets for each proposal, showing the scores given by each evaluator against each of the criterion and the average scores are also included as Table 2A and the individual evaluators' score sheets as Table 2B.

#### **11A. Recommendation** {amend as appropriate}

On the basis of the detailed evaluation criteria and the minimum technical qualifying mark of [minimum qualifying mark] stated in the invitation, it is recommended that the financial proposals of \_\_\_\_\_\_ [number] consultants indicated in the Table be opened:

Proposal Number	Name of Consultant	Technical score

{For quality based selection}

#### 8B. Details of evaluation method.

The evaluation method being used is quality based selection method, using a one-stage, two-envelope submission method, which involves the following procedure:

- (a) preliminary examination on a pass/fail basis to determine the eligibility of the consultants and assess their administrative compliance to the invitation and the non eligible and non compliant proposals were eliminated from further evaluation;
- (b) detailed evaluation to assess the technical quality of proposals against the criteria in the Terms of Reference in the invitation and determine their total technical score using a merit point system and proposals that were substantially responsive were ranked according to technical score; and
- (c) the financial proposal of the consultant with the highest technical mark will be opened and a financial comparison carried out to examine the financial proposal and the consultant will be recommended for contract award subject to any negotiations required.

#### 9B. Preliminary examination

[Brief narrative on the result of the preliminary examination and detailed justification with reasons why any proposals were declared non eligible or non compliant.]

See Table 1, which summarises the preliminary examination.

#### 10B. Detailed technical evaluation (of the eligible, compliant proposals)

[Brief narrative on the results of the detailed technical evaluation, including strong and weak points of each proposal and reasons for any large differences in scores between evaluators. State which proposal obtained the highest technical score.]

The strengths and weaknesses of each proposal are highlighted in the Table below:

Number	Name of Consultant	Strengths	Weaknesses
1			
2			
2			
3			

A summary of the technical scores is given in Table 2, indicating which proposals reached the minimum qualifying mark. The score sheets for each proposal, showing the scores given by each evaluator against each of the criterion and the average scores are also included as Table 2A and the individual evaluators' score sheets as Table 2B.

#### **11B. Recommendation** {amend as appropriate}

On the basis of the detailed evaluation criteria stated in the invitation, it is recommended that the financial proposal of [name of consultant] be opened and preparations be made for negotiations.

{For least cost selection}

#### 8C. Details of evaluation method.

The evaluation method being used is least cost selection, which involves the following procedure:

- (a) preliminary examination on a pass/fail basis to determine the eligibility of the consultants and assess their administrative compliance to the invitation and the non eligible and non compliant proposals were eliminated from further evaluation;
- (b) detailed evaluation to assess the technical quality of proposals against the criteria in the Terms of Reference in the invitation and determine their total technical score using a merit point system

and each proposal was compared to the minimum technical qualifying mark stated in the invitation and those not meeting the minimum mark were eliminated from further evaluation; and

iii. financial proposals of those consultants who were substantially responsive and met the minimum qualifying mark will be opened and a financial comparison carried out to examine financial proposals and rank the proposals according to price. The consultant submitting the lowest priced proposal will be ranked first and recommended for contract award, subject to any negotiations required.

#### 9C. Preliminary examination

[Brief narrative on the result of the preliminary examination and detailed justification with reasons why any proposals were declared non eligible or non compliant.]

See Table 1, which summarises the preliminary examination.

#### 10C. Detailed technical evaluation (of the eligible, compliant proposals)

[Brief narrative on the results of the detailed technical evaluation, including strong and weak points of each proposal and reasons for any large differences in scores between evaluators. State how many proposals reached the minimum qualifying mark and how many failed to reach it.]

The strengths and weaknesses of each proposal are highlighted in the Table below:

Number	Name of Consultant	Strengths	Weaknesses
1			
1			
2			
2			
3			

A summary of the technical scores is given in Table 2, indicating which proposals reached the minimum qualifying mark. The score sheets for each proposal, showing the scores given by each evaluator against each of the criterion and the average scores are also included as Table 2A and the individual evaluators' score sheets as Table 2B.

#### **11C. Recommendation** {amend as appropriate}

On the basis of the detailed evaluation criteria and the minimum technical qualifying mark of [minimum qualifying mark] stated in the invitation, it is recommended that the financial proposals of the [number] consultants indicated in the Table be opened:

Proposal Number	Name of Consultant	Technical score

{For fixed budget selection}

#### 8D. Details of evaluation method.

The evaluation method being used is fixed budget selection which involves the following procedure:

- (a) preliminary examination on a pass/fail basis to determine the eligibility of the consultants and assess their administrative compliance to the invitation and the non eligible and non compliant proposals were eliminated from further evaluation;
- (b) detailed evaluation to assess the technical quality of proposals against the criteria in the Terms of Reference in the invitation and determine their total technical score using a merit point system and each proposal was compared to the minimum technical qualifying mark stated in the invitation and those not meeting the minimum mark were eliminated from further evaluation; and
- (c) financial proposals of those consultants who were substantially responsive and met the minimum qualifying mark will be opened and a financial comparison carried out to examine financial proposals and reject any proposals which exceed the budget and the consultant submitting the highest ranked technical proposal among those within the budget will be recommended for contract award, subject to any negotiations required.

#### 9D. Preliminary examination

[Brief narrative on the result of the preliminary examination and detailed justification with reasons why any proposals were declared non eligible or non compliant.]

Refer to Table 1 which summarises the preliminary examination.

#### 10D. Detailed technical evaluation (of the eligible, compliant proposals)

[A brief narrative on the results of the detailed technical evaluation, including strong and weak points of each proposal and reasons for any large differences in scores between evaluators. State how many proposals reached the minimum qualifying mark and how many failed to reach it.]

The strengths and weaknesses of each proposal are highlighted the Table below:

Number	Name of Consultant	Strengths	Weaknesses
1			
2			
3			

A summary of the technical scores is given in Table 2, indicating which proposals reached the minimum qualifying mark. The score sheets for each proposal, showing the scores given by each evaluator against each of the criterion and the average scores are also included as Table 2A and the individual evaluators' score sheets as Table 2B.

#### **11D. Recommendation** {amend as appropriate}

On the basis of the detailed evaluation criteria and the minimum technical qualifying mark of [minimum qualifying mark] stated in the invitation, it is recommended that the financial proposals of the following [number] consultants be opened:

#### **8E.** Details of evaluation method.

The evaluation of the single proposal involves the following procedure:

- (a) preliminary examination to determine administrative compliance to the request for proposals;
- (b) detailed evaluation to assess the technical quality of the proposal against the criteria in the Terms of Reference in the RFP and determine its technical score using a merit point system; and
- (c) financial comparison to examine the financial aspects of the proposal and determine its total price.

#### 9E. Preliminary examination

[Brief narrative on the result of the preliminary examination. Where the proposal is non compliant, detailed justification must be provided and the Evaluation Committee should amend later sections of this report to make appropriate recommendations.]

Refer to Table 1 which summarises the preliminary examination.

#### 10E. Detailed technical evaluation

[Brief narrative on the results of the detailed evaluation where the proposal is non responsive, detailed justification must be provided and the Evaluation Committee should amend later sections of this report to make appropriate recommendations. Include details of any nonmaterial nonconformities, errors or omissions waived or rectified by the evaluation committee. Include details of all clarifications requested and received from the consultant.]

The strengths and weaknesses of each proposal are highlighted the Table below:

Number	Name of Consultant	Strengths	Weaknesses
1			

The technical scores are given in Table 3, showing the scores given by each evaluator against each of the criterion and the average score.

#### **11E. Recommendations** {amend as appropriate}

On the basis of the evaluation methodology and criteria stated in the request for proposals, it is recommended that—

- (a) the best evaluated proposal for the procurement of [list all items the recommendation relates to] is from [name of consultant] with a total evaluated price of [currency and amount];
- (b) negotiations are/are not required;
- (c) the total proposed contract price is [currency and amount]; and
- (d) the total acquisition cost for the requirement is estimated to be [currency and amount], including [state all incidental costs included in the estimate].

#### **12. Proposed negotiations** { delete if not applicable }

Negotiations are required because [justification for negotiations in line with the Public Procurement Disposal of Public Assets Act].

The proposed negotiations plan is outlined in Table 3.

The proposed negotiations team is comprised of the following officials:

[position and department] (Chairperson of the negotiations team)

10 DI	4.3	41 15		•	( 1 1	 7.	
[Name]	[position and	d departn	nent]				
[Name]	[position and	d departn	nent]				

13. Disagreement by the Evaluation Committee {delete if not applicable}
The evaluation committee could not reach a unanimous decision on the evaluation and this evaluation report details the view of the majority of the team.

[Give details of the issues where the team disagreed, the discussions held, the alternative views and the names of those with alternative views].

#### 14. Signed by the Evaluation Committee:

[Name]

We confirm that this evaluation report gives a complete and accurate report of the evaluation conducted:

Name:	Signature:	 Date: _	
Name:	Signature:	 Date: _	
Name:	Signature:	Date:	

#### **Annexes: {amend as appropriate}**

Form 20 - Record of issue of expression of interest/request for proposals/addenda

Form 21 - Record of minutes of pre-proposal meeting

Form 22 - Record of receipt of expression of interest/proposals

Form 23 - Record of opening of expression of interest /technical proposals

Table 1: Preliminary examination

Table 2: Summary of detailed technical evaluation

Table 2A: Detailed technical evaluation of proposal (one in respect of each consultant)

Table 2B: Score sheet for technical evaluation (one for each evaluator)

Table 3: Negotiation Plan

# Documents available from the Procurement and Disposal Unit: {amend as appropriate}

Copy of the proposal document.

Copy of all technical proposals.

#### **FORM 26**

Regulations 59(9), 60(7), 61(9), 63(13)

# THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

#### **EVALUATION REPORT FOR CONSULTANCY SERVICES**

Procurement Reference Number						
Code of Procuring and Disposing Entity	Consultancy services	Financial year	Sequence number			

<sup>\*\*</sup>Please read the guidance notes for preparing evaluation report at the end of this Form

#### FINANCIAL COMPARISON

	trod	

S/No.	Name of Consultant	Technical Store

(2) A copy of the technical evaluation report is attached.

#### 2. Details of financial proposal opening

- (1) A public opening of financial proposals was held at [location] on [date] at [time].
- (2) The financial proposal was opened, stamped and signed by the Chairperson.

- (3) The price and technical score read out.
- (4) The proposal opening and attendance was recorded using Form 25 which is attached.

{For quality and cost based selection}

#### 3A. Financial comparison

[Describe the correction of any arithmetic errors, application of any discounts, adjustments made for any nonmaterial nonconformities, errors or omissions, conversion to a common currency and application of any margin of preference.]

The proposal with the lowest evaluated price was given a score of 100 and the other proposals were given financial scores that were inversely proportional to the lowest priced proposal.

{Or describe other methodology for allocating financial scores, in accordance with the invitation.}

Refer to Table 1 which summarises the financial comparison.

#### 3B. Total technical and financial score

- (1) A total score was obtained by weighting the technical and financial scores, using the weights stated in the invitation, and adding them together.
- (2) The technical weight was [technical weight] % and the financial weight was [financial weight] %.
- (3) The proposals were ranked according to total score, with the highest total score being ranked first.

Refer to Table 2 which summarises the technical and financial scores and weightings and the total scores and rankings.

{For quality based selection}

#### 4A. Financial comparison

[Describe the correction of any arithmetic errors.]

Refer to Table 1 which summarises the financial comparison.

{For least cost selection}

#### 5A. Financial comparison

[Describe the correction of any arithmetic errors, application of any discounts, adjustments made for any nonmaterial nonconformities, errors

or omissions, conversion to a common currency and application of any margin of preference.]

All proposals were ranked, with the lowest priced being ranked first. Refer to Table 1 which summarises the financial comparison.

{For fixed budget selection}

#### 6A. Financial comparison

[Describe the correction of any arithmetic errors, application of any discounts, adjustments made for any nonmaterial nonconformities, errors or omissions, conversion to a common currency, application of any margin of preference and the rejection of any proposals exceeding the budget.]

All proposals that were within the budget were ranked according to their technical score, with the highest technical score being ranked first. Refer to Table 1 which summarises the financial comparison.

#### **7. Recommendations** {amend as appropriate}

On the basis of the evaluation methodology and criteria stated in the invitation, it is recommended that—

- (1) the best evaluated proposal for the procurement of [list all items the recommendation relates to] is from [name of consultant] with a total evaluated price of [currency and amount].
- (2) negotiations are/are not required, where required, the negotiation plan is attached as Table 3 for approval.
- (3) the total proposed contract price is [currency and amount].
- (4) the total acquisition cost for the requirement is estimated to be [currency and amount], including [state all incidental costs included in the estimate].
- **8. Disagreement by the Evaluation Committee** {delete if not applicable} The evaluation committee could not reach a unanimous decision on the evaluation and this evaluation report details the view of the majority of the team.

[Give details of the issues where the team disagreed, the discussions held, the alternative views and the names of those with alternative views].

#### 9. Signed by the Evaluation Committee:

We confirm that this Evaluation Report gives a complete and accurate report of the evaluation conducted:

Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

#### **Annexes: {amend as appropriate}**

Technical evaluation report

Form 25: Record of financial proposal opening

Table 1: Summary of financial comparison

Table 2: Technical and financial evaluation summary

Table 3: Negotiation Plan

Documents available from the Procurement and Disposal Unit: {amend as appropriate}

Copy of all financial proposals.

# STATUTORY INSTRUMENTS SUPPLEMENT No. 3

14th February, 2014

#### STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated 14th February, 2014 Printed by UPPC, Entebbe, by Order of the Government.

#### STATUTORY INSTRUMENTS

#### 2014 No. 11.

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS (PROCUREMENT OF MEDICINES AND MEDICAL SUPPLIES) REGULATIONS, 2014.

#### ARRANGEMENT OF REGULATIONS

#### Regulation

- 1. Title and Commencement.
- 2. Application.
- 3. Interpretation.

#### Methods of procurement

- 4. Open domestic bidding.
- 5. Open international bidding.
- 6. Restricted bidding.
- 7. Request for quotations.
- 8. Micro procurement.
- 9. Direct procurement.
- 10. Shortlist of providers.

#### **Bidding**

- 11. Bid security.
- 12. Use of brand names.
- 13. Notice of best evaluated bidder.

#### **SCHEDULE**

#### S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 11.

The Public Procurement and Disposal of Public Assets (Procurement of Medicines and Medical Supplies) Regulations, 2014.

(Made under sections 40A (7) and 96 (1) of the Public Procurement and Disposal of Public Assets Act, 2003).

In EXERCISE of the powers conferred upon the Minister responsible for finance by sections 40A (7) and 96 (1) of the Public Procurement and Disposal of Public Assets Act, 2003, in consultation with the Minister responsible for health, on the recommendation of the Authority and with the approval of Parliament, these Regulations are made, this 6th day of February, 2014.

#### 1. Title.

- (1) These Regulations may be cited as the Public Procurement and Disposal of Public Assets (Procurement of Medicines and Medical Supplies) Regulations, 2014.
- (2) These Regulations shall come into force on the 3rd day of March, 2014.

#### 2. Application.

The procurement of medicines and medical supplies shall be in accordance with regulations made under the Act, except as provided for in these Regulations.

#### 3. Interpretation.

In these Regulations, unless the context otherwise requires—

- "competent authority" means a Government office which is mandated to perform a specified function;
- "medical supplies" means the supplies in the Schedule to these Regulations;

- "medicines" means any substance or preparation used or intended to be used for internal or external application to the human body either in the treatment or prevention of disease or for improving physiological functions;
- "procuring and disposing entity" means a statutory body, a department of Government or of a local government and any other body or unit established and mandated by Government to procure medicine.

#### Methods of procurement

#### 4. Open domestic bidding.

- (1) Open domestic bidding shall be the preferred method of procuring medicines and medical supplies.
- (2) Procurement using open domestic bidding shall be by public advertisement of a bid notice published in at least one newspapers of wide national circulation.

#### 5. Open international bidding.

- (1) A procuring and disposing entity shall procure medicines or medical supplies using the open international bidding instead of open domestic bidding, where competition shall not be effected without foreign bidders or where foreign bidders will increase the value for money.
- (2) Open international bidding shall be used in accordance with the Fourth Schedule to the Act and the Public Procurement and Disposal of Public Assets (Rules and Methods of Procurement) Regulations, 2014.

#### 6. Restricted bidding.

- (1) Where there is a limited number of providers, a procuring and disposing entity may procure medicines or medical supplies using the restricted bidding where—
  - (a) in the case of a procurement by the National Medical Stores, the value of the procurement is less than two billion shillings; and

- (b) in the case of a procurement by a procuring and disposing entity other than the National Medical Stores, the value of the procurement is less than five hundred million shillings.
- (2) The short list shall have at least five providers, except where the required medicine is only available from less than five providers.
- (3) Where a shortlist has less than five providers, the Procurement and Disposal Unit shall provide justification for this to the Contracts Committee.
- (4) The minimum bidding period for the restricted bidding shall be fifteen days.

#### 7. Request for quotations.

- (1) A procuring and disposing entity may procure medicines or medical supplies using the request for quotations method where the value of the procurement—
  - (a) in the case of a procurement by the National Medical Stores, is less than one billion shillings; and
  - (b) in the case of a procurement by a procuring and disposing entity other than the National Medical Stores, is less than one hundred million shillings.
  - (2) The request for quotations shall be used where—
  - (a) the time available is not sufficient for restricted bidding; or
  - (b) where restricted bidding does not receive responsive bids.
- (3) The short list shall have at least three providers, except where the required medicines or medical supplies are only available from less than three providers.

#### 8. Micro procurement.

(1) A procuring and disposing entity shall procure medicines or medical supplies using the micro procurement method where the value of the procurement—

- (a) in the case of a procurement by the National Medical Stores, is below one hundred million shillings; and
- (b) in the case of a procurement by a procuring and disposing entity other than the National Medical Stores, is below five million shillings.
- (2) Micro procurements shall be executed by a member of the procuring and disposing entity appointed, for this purpose, by the accounting officer of the procuring and disposing entity.
- (3) The short list shall have three providers, except where the required medicines or medical supplies are only available from less than three providers.

#### 9. Direct procurement

- (1) A procuring and disposing entity shall use the direct procurement method where a provider is a single provider or a sole source provider.
- (2) A procuring and disposing entity shall use a single provider where there is a limited number of providers who are able to provide the required medicines or medical supplies, such as in an emergency situation.
- (3) A procuring and disposing entity shall use a sole source provider where only one provider is able to provide the medicines or medical supplies, or where there is need for continuity in the delivery of the medicines or medical supplies.

#### 10. Short list of providers.

- (1) A procuring and disposing entity shall develop a short list of providers for medicines using—
  - (a) the list of pre-qualified providers of the procuring and disposing entity;
  - (b) the register of the World Health Organisation or any other international agency of which Uganda is a member;
  - (c) the prequalified list of another procuring and disposing entity;

- (d) the registers of the National Drug Authority; or
- (e) the procuring and disposing entity's knowledge of the market.
- (2) A procuring and disposing entity shall develop a short list of providers for medical supplies using—
  - (a) the list of pre-qualified providers of the procuring and disposing entity;
  - (b) the prequalified list of another procuring and disposing entity; or
  - (c) the procuring and disposing entity's knowledge of the market.

#### **Bidding**

#### 11. Bid security

The value of a bid security, where requested for by a procuring and disposing entity, shall be a fixed value or a percentage of the total bid price, but shall in all cases not exceed 2% of the total estimated value of the bid.

#### 12. Use of brand names

- (1) Specifications shall not be issued with reference to a particular trademark, brand name, patent, design, type, specific origin, producer, manufacturer, catalogue or numbered item.
- (2) Where there is no other sufficiently precise or intelligible way of characterising a requirement except by the use of a reference in sub regulation (1), the description shall be used, followed by the words "or equivalent", and shall only serve as a benchmark during the evaluation process.
- (3) Notwithstanding sub regulation (1), where a standardisation policy is adopted by a competent authority or the World Health Organisation, the corresponding trademark, brand name, patent, design, type, specific origin, manufacturer, producer, catalogue or numbered item may be used in the statement of requirements.

#### 13. Notice of best evaluated bidder.

- (1) A procuring and disposing entity shall, within two days after the decision of the contracts committee to award a contract—
  - (a) send a copy of the notice of best evaluated bidder to all the bidders who participated in the bidding process;
  - (b) display the notice of best evaluated bidder on the notice board of the procuring and disposing entity and the website, where available; and
  - (c) display the notice of best evaluated bidder on the website of the Authority.
- (2) A notice of the best evaluated bidder shall be published for a minimum of-
  - (a) five working days, before the award of contract, in the case of open or restricted procurement method; and
  - (b) three working days, before the award of contract, in the case of request for quotations procurement method.
- (3) The procuring and disposing entity shall obtain proof of delivery of the notice of best evaluated bidder to all bidders.
  - (4) The notice of best evaluated bidder shall not be issued—
  - (a) where the direct procurement method is used;
  - (b) where a competitive procurement method is used and only one bid is received by the procuring and disposing entity;
  - (c) where the micro procurement method is used; and
  - (d) for a procurement in an emergency situation.

#### **Schedule**

#### MEDICAL SUPPLIES

#### 1. Sundries and medical consumables

Adhesive plaster

Airway guedel

Apron

Autoclave marketing tape

Bandages

Bins and bin liners

Blades scalpel

Blood lancets

Blood transfusion sets, bags and accessories

Bone wax

**Boots** 

Brain swabs

Catheters and tubes

Cotton wool

Gauze

Gloves

Intravenous cannula

Intravenous infusion sets and burettes

Linen material

Lumber puncture, needles and epidural sets

Medical gas

Nasal oxygen cannula

Needles

Plaster of Paris

Protective hospital supplies

Safety boxes

Safe delivery kits

Sutures

Syringes, with or without needles

Theatre supplies

Thorax drainage bottle and accessories

Umbilical tape

Urine and colostomy bags

- 2. Disinfectants and anti-effectives agents
- 3. Medical equipment
- 4. Dental supplies
- 5. Orthopedic and dental supplies
- 6. Laboratory supplies and consumables
- 7. Test kits
- 8. Hospital stationary
- 9. Radiopharmaceuticals
- 10. Medical envelopes
- 11. Insecticide and non-insecticide treated mosquito nets
- 12. Medical staff uniforms and protective wares

MARIA KIWANUKA,

Minister of Finance, Planning and Economic Development.

# STATUTORY INSTRUMENTS SUPPLEMENT No. 3

14th February, 2014

#### STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated 14th February, 2014 Printed by UPPC, Entebbe, by Order of the Government.

#### S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 12.

# THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS (PROCURING AND DISPOSING ENTITIES OUTSIDE UGANDA) REGULATIONS, 2014

#### ARRANGEMENT OF REGULATIONS

#### Regulation.

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- 3. Interpretation.

#### PART II—PROCUREMENT ACTIVITIES.

- 4. Contracts Committee, evaluation committee and procurement and disposal unit.
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- 6. Procurement method to be determined by threshold.
- 7. Minimum bidding periods.
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9. Selection of disposal method.

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# S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 12.

# The Public Procurement and Disposal of Public Assets (Procuring and Disposing Entities Outside Uganda) Regulations, 2014.

(Under section 96(2) of the Public Procurement and Disposal of Public Assets Act, 2003)

In EXERCISE of the powers conferred upon the Minister responsible for finance by section 96(2) of the Public Procurement and Disposal of Public Assets Act, 2003, on the recommendation of the Authority and with the approval of Parliament, these Regulations are made this 6th day of February, 2014.

#### PART I—PRELIMINARY

#### 1. Title and Commencement.

These Regulations may be cited as the Public Procurement and Disposal of Public Assets (Procuring and Disposing Entities Outside Uganda) Regulations, 2014.

(2) These Regulations shall come into force on the 3rd day of March, 2014.

#### 2. Application.

- (1) These Regulations apply to all public procurement and disposal activities carried out by a procuring and disposing entity outside Uganda.
- (2) All regulations made under the Act shall apply to a procuring and disposing entity outside Uganda as modified by these Regulations.

#### 3. Interpretation.

In these Regulations, unless the context otherwise requires—

"Act" means the Public Procurement and Disposal of Public Assets Act, 2003;

- "host country" means the country in which a procuring and disposing entity outside Uganda, is based, located or operates;
- "Ministry" means the Ministry responsible for foreign affairs;
- "Mission" means an Embassy, High Commission or Consulate of Uganda in a country to which a Uganda representative is accredited:
- "procuring and disposing entity outside Uganda" includes a mission.

#### PART II—PROCUREMENT ACTIVITIES

# 4. Contracts Committee, evaluation committee and procurement and disposal unit.

- (1) The contracts committee and the procurement and disposal unit of a procuring and disposing entity outside Uganda shall be made up of Ugandan nationals within the procuring and disposing entity.
- (2) The contracts committee, evaluation committee and the procurement and disposal unit of a procuring and disposing entity outside Uganda shall be determined by the size of the procuring and disposing entity as specified in Schedule 1.
- (3) Subject to sub regulation (4) the evaluation committee of a procuring and disposing entity outside Uganda shall consist of Ugandan nationals within the procuring and disposing entity.
- (4) Where a procuring and disposing entity cannot constitute an evaluation committee from the Ugandan nationals within the procuring and disposing entity, the evaluation committee may be made up of—
  - (a) persons within the procuring and disposing entity who are not Ugandan nationals; or
  - (b) Ugandan nationals within the host country who are not within the procuring and disposing entity.

#### 5. Reports to the Authority.

- (1) A procuring and disposing entity outside Uganda shall after every three months, submit a report to the Authority on all procurement and disposal contracts awarded during the three months.
- (2) The report shall be made using Form 27 in Schedule 2 and shall be submitted within fifteen days after the end of the three months to which the report relates.

#### 6. Procurement method to be determined by threshold.

A procuring and disposing entity outside Uganda shall determine the method of procurement using the value prescribed by the Authority by guidelines.

#### 7. Minimum bidding periods.

- (1) The minimum bidding period by a procuring and disposing entity outside Uganda is—
  - (a) ten working days for the open bidding method;
  - (b) five working days for the restricted bidding method; and
  - (c) three working days for the request for quotations or proposals method;
- (2) The direct procurement method shall not have a minimum bidding period.

#### 8. Bid security.

A procuring and disposing entity outside Uganda shall only require a bid security where the open bidding method is used.

#### PART III—DISPOSAL OF PUBLIC ASSETS

#### 9. Selection of disposal method.

In addition to the conditions and rules for disposal using the different methods specified in the Public Procurement and Disposal of Public Assets (Disposal of Public Assets) Regulations, 2014, a procuring and disposing entity outside Uganda shall take into account any requirement for disposal required by the host country.

SCHEDULE 1

Size of procuring and disposing entity and related matters

Size of Evaluation Committee	2	1	1	1
Quorum for Contracts & Disposal Unit	1 or 2	1	1	1
Quorum for Contracts Committee	2	1	1	1
Size of Contracts Committee (Minimum)	æ	2	П	1
Accounting staff of the procuring and Officer Ugandan nationals	At least 7	5 to 6	4	1 to 3
Accounting Officer	1	1	1	1
Size of Procuring or Disposing Entity or Mission	Large	Medium	Small	Very small

**FORM 27** 

Regulation 5(2)

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

# QUARTERLY REPORT ON PROCUREMENT AND DISPOSAL CONTRACTS

(Insert name of Procuring and Disposing Entity here)

Quarter of reporting	Suming						
Financial year							
PART I: PROC	UREMENT CON	PART I: PROCUREMENT CONTRACTS AWARDED (except Micro Procurement)	DED (except Mic	ro Procurement)			
Procurement Reference Number	Subject of procurement	Method of procurement	Provider	Date of award of contract	Market price of the procurement	Date of award of the of contract value of contract procurement amount)	
				TOTAL			

	Revised contract value and currency if applicable				
OR VARIED	Value of amendment or variation (currency and amount if applicable)				
TS AMENDED	Date of amendment or variation				
CONTRAC	Provider				
CUREMENT	Indicate amendment or variation				
PART II: PROCUREMENT CONTRACTS AMENDED OR VARIED	Subject of procurement				
	Procurement Reference Number				
-		 -	34	 	

	1			1		
	Contract value (Currency and amount)					
<b>IPLETED</b>	Total amount paid and currency					
PART III: PROCUREMENT CONTRACTS COMPLETED	Date of completion					TOTAL
PROCUREMENT (	Provider					
PART III:	Subject of procurement					
	Procurement Reference Number					

	Contract value (Currency and amount)				
IENTS	Invoice and date of delivery/ completion				Total value of micro procurements of the Procuring and Disposing Entity
MICRO PROCUREN	Provider				
PART IV: REPORT ON MICRO PROCUREMENTS	Subject of procurement				
PA	Procurement reference number				
	No		336		

	PART	PART V: QUARTERLY REPORT ON DISPOSAL	Y REPORT C	N DISPOSA	\L	
Disposal reference number	Subject of disposal	Method of disposal	Name of buyer	Date of award	Reserve price	Contract price (Currency and amount)
			TOTAL			

# Declaration

I hereby certify that the above information is a true and accurate record of the procurement and disposal contracts undertaken by the within the quarter.

Title: ACCOUNTING OFFICER	Date:
ne:	nature:

MARIA KIWANUKA, Minister of Finance, Planning and Economic Development.

# STATUTORY INSTRUMENTS SUPPLEMENT No. 3

14th February, 2014

#### STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated 14th February, 2014 Printed by UPPC, Entebbe, by Order of the Government.

#### STATUTORY INSTRUMENTS

#### 2014 No. 13.

# THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS (DISPOSAL OF PUBLIC ASSETS) REGULATIONS, 2014.

#### ARRANGEMENT OF REGULATIONS

#### Regulation

#### PART I—PRELIMINARY

- 1. Title and Commencement.
- 2. Disposal planning.
- 3. Initiation of disposal requirements and approval for disposal.

# PART II—CONDITIONS ND RULES FOR DISPOSAL OF PUBLIC ASSETS Conditions and rules for public bidding

- 4. Conditions for use of public bidding.
- 5. Rules for disposal of public assets by public bidding.

#### Conditions and rules for public auction

- 6. Conditions for use of public auction.
- 7. Rules for disposal of public assets by public auction.
- 8. Appointment of auctioneer.

#### Conditions and rules for direct negotiations

- 9. Conditions for use of direct negotiations.
- 10. Rules for disposal of public assets by direct negotiations.

#### Conditions and rules for sale to public officers

- 11. Conditions for use of sale to public officers.
- 12. Rules for disposal of public assets by sale to public officers.

#### Conditions and rules for destruction of public assets

- 13. Conditions for use of destruction of public asset.
- 14. Rules for disposal of public assets by destruction.

# Conditions and rules for conversion or classification of public assets into another form

- 15. Conditions for use of conversion or classification of a public asset into another form for disposal by sale.
- 16. Rules for disposal of public assets by conversion or classification of the public assets into another form.

#### Conditions and rules for use of trade-in

- 17. Conditions for use of trade-in.
- 18. Rules for disposal of public assets by trade-in.

# Conditions and rules for transfer to another procuring and disposing entity

- 19. Conditions for use of transfer to another procuring and disposing entity.
- 20. Rules for disposal of public assets by transfer to another procuring and disposing entity.

#### Conditions and rules for donation

- 21. Conditions for use of donation.
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- 23. Valuations and reserve price.
- 24. Description of public assets for disposal.
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- 26. Submission of bids.
- 27. Cancellation of disposal process.
- 28. Withdrawal of bids.
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- 30. Receipt of bids in person and deadline for submission of bids.
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- 32. Notification to bidders of public bid opening.
- 33. Information to be read out.
- 34. Procedure for public bid openings.
- 35. Representation of bidder at public bid opening.
- 36. Record of public bid opening.
- 37. Complaints on the bidding process.
- 38. Re-bidding due to identical highest price bids.

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- 39. Evaluation of bids.
- 40. Evaluation based on price only.
- 41. Evaluation based on price and other factors.
- 42. Submission of evaluation report.
- 43. Procedure for negotiations.
- 44. Failure to reach the reserve price.
- 45. Records of disposal of public assets.
- 46. Contracts of disposal.

#### **SCHEDULE**

#### SCHEDULE—FORMS

- Form 28: Requisition for disposal
- Form 29: Request by the Procurement and Disposal Unit to Contracts Committee for disposal by public bidding
- Form 30: Record of issue or sale of bidding documents or addenda
- Form 31: Request by the Procurement and Disposal Unit to Contracts Committee for disposal by public auction
- Form 32: Request by the Procurement and Disposal Unit to Contracts Committee for disposal by direct negotiations
- Form 33: Request by the Procurement and Disposal Unit to Contracts Committee for disposal by Sale to public officers
- Form 34: Request by the Procurement and Disposal Unit to Contracts Committee for disposal by destruction
- Form 35: Approval of destruction of public assets
- Form 36: Request by the Procurement and Disposal Unit to Contracts Committee for disposal by conversion or classification of asset into another form
- Form 37: Certificate of conversion or classification of asset into another form
- Form 38: Request by the Procurement and Disposal Unit to Contracts Committee for disposal by trade in
- Form 39: Request by the Procurement and Disposal Unit to Contracts Committee for disposal by transfer to another Procuring and Disposing Entity
- Form 40: Agreement for the transfer of an asset to another Procuring and Disposing Entity
- Form 41: Request by the Procurement and Disposal Unit to Contracts Committee for disposal by donation
- Form 42: Confirmation of donation of asset
- Form 43: Record of receipt of bids or bid closing
- Form 44: Record of bid opening
- Form 45: Disposal evaluation report
- Form 46: Negotiations plan
- Form 47: Record of public auction
- Form 48: Monthly report on disposal

#### S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 13.

# The Public Procurement and Disposal of Public Assets (Disposal of Public Assets) Regulations, 2014.

(Made under section 96(1) of the Public Procurement and Disposal of Public Assets Act, 2003, Act No 1 of 2003).

IN EXERCISE of the powers conferred upon the Minister responsible for finance by section 96(1) of the Public Procurement and Disposal of Public Assets Act, 2003, on the recommendation of the Authority and with the approval of Parliament, these Regulations are made, this 6th day of February, 2014.

#### PART I—PRELIMINARY

#### 1. Title and Commencement.

- (1) These Regulations may be cited as the Public Procurement and Disposal of Public Assets (Disposal of Public Assets) Regulations, 2014.
- (2) These Regulations shall come into force on the 3rd day of March, 2014

# 2. Disposal planning.

- (1) For the purposes of disposal planning, an accounting officer shall, in each financial year, cause the public assets of a procuring and disposing entity to be reviewed, to identify the public assets to be disposed of in the following financial year.
- (2) A procuring and disposing entity may use the board of survey or a user department to identify the public assets to be disposed of.
- (3) For the purposes of maximizing competition and achieving value for money, a procuring and disposing entity shall group the public assets to be disposed of in contracts or lots.
- (4) In order to reduce the administration and transaction costs, a procuring and disposing entity shall dispose of as many public assets as possible at a given time, where the public auction disposal method is to be used.

(5) A procuring and disposing entity may pool public assets for purposes of common disposal.

## 3. Initiation of disposal requirements and approval for disposal.

- (1) A User Department or the appropriate department of a procuring and disposing entity that is responsible for the management of public assets, shall initiate a process for disposal of a public asset by making a request for disposal of the public asset to the accounting officer.
- (2) A User Department may initiate a process for disposal of public assets where the board of survey recommends for the disposal of a public asset.
- (3) A User Department or the appropriate department of a procuring and disposing entity that is responsible for the management of public assets which initiates a disposal process shall in the request for disposal, clearly indicate the public asset to be disposed of.
- (4) The accounting officer of a procuring and disposing entity shall approve a request for disposal prior to the commencement of the disposal process.
  - (5) Every disposal process shall—
  - (a) have a reference number, allocated using the referencing system in the guidelines; and
  - (b) be identified by the reference number of the asset in the assets register of the procuring and disposing entity.
- (6) The request and approval of the disposal of a public asset shall be made by the User Department or the appropriate department of a procuring and disposing entity that is responsible for the management of public assets and the accounting officer, respectively, using Form 28 in the Schedule.

# PART II—CONDITIONS AND RULES FOR DISPOSAL OF PUBLIC ASSETS Conditions and rules for public bidding

### 4. Conditions for use of public bidding.

Public bidding shall be used as a method of disposal where—

- (a) the asset is located in a remote area;
- (b) the asset has a geographically dispersed potential market;
- (c) the sale has end-user or export restrictions;
- (d) conditions need to be attached to the sale of the asset; or
- (e) post-bid negotiations may be required.

## 5. Rules for disposal of public assets by public bidding.

- (1) The Procurement and Disposal Unit, shall make a request to the Contracts Committee, for the use of the public biding method using Form 29 in the Schedule.
- (2) The Contracts Committee shall state its decision of the Form submitted under subregulation (1).
- (3) A procuring and disposing entity shall solicit for bids to dispose of a public asset by public bidding by publishing an invitation notice to the public.
- (4) The invitation notice to the public shall be published in at least one newspaper of national circulation and may be communicated to the public using any other appropriate media, which offers an efficient means of communicating with potential bidders and which increases competition.
- (5) The invitation notice shall be displayed on the procurement and disposal notice board of the procuring and disposing entity and on the website of the Authority.

- (6) The invitation notice shall indicate that an interested bidder shall obtain the bidding documents from a procuring and disposing entity.
- (7) The bidding documents for disposal by public bidding shall indicate—
  - (a) a description of the public asset to be disposed of;
  - (b) the documentation required for bidding;
  - (c) the eligibility requirements;
  - (d) the procedure for signing and authorising bids;
  - (e) the number of copies of bids to be submitted, which shall include one original bid, marked 'ORIGINAL', and a specified number of copies, of the bid marked 'COPY';
  - (f) the following instruction for labeling the envelope—
    - (i) the reference number of the disposal process;
    - (ii) the name of the bidder;
    - (iii) the words "WITHDRAWAL" or "REPLACEMENT" where a bid is withdrawn or replaced, respectively; and
    - (iv) the words "NOT TO BE OPENED BEFORE THE DATE AND TIME OF BID OPENING";
  - (g) that the public asset is sold on an "as is, where is" basis or the alternative basis for sale;
  - (h) the location of the public asset and the arrangements for a potential bidder to inspect the public asset;
  - (i) the requirement for a bid security, where necessary;

- (j) that the substance of a bid including changes in price shall not be sought, offered or permitted after bid closing;
- (k) the deadline for submission of bids and the location and method for submission bids;
- (l) the arrangements for opening the bids;
- (m) the qualification required of the bidders;
- (n) the method to be used to evaluate the bids and to award the contract for disposal;
- (o) the conditions of the sale;
- (p) the payment procedure and handing over arrangements; and
- (q) that the risk and cost of dismantling and removing the public asset is to be the responsibility of the successful bidder.
- (8) The bidding documents shall be drafted using the format issued by the Authority.
- (9) The bidding documents may be sold and where the bidding documents are sold, they shall be sold at a price that covers the costs of copying and issuing the documents.
- (10) A procuring and disposing entity shall record the issue or sale of bidding documents using Form 30 in the Schedule.
  - (11) The minimum bidding period shall be fifteen working days.
- (12) The bids shall be evaluated using the "price only" methodology.
- (13) A procuring and disposing entity may hold negotiations with the successful bidder.

(14) Where the successful bidder fails to pay the contract price in accordance with the terms of the contract, the procuring and disposing entity shall terminate the contract and make an offer for sell to the next highest bidder.

### Conditions and rules for public auction

#### 6. Conditions for use of public auction

- (1) A public auction shall be used where—
- (a) there is a large number of potential bidders for the public asset;
- (b) the value of the asset is low;
- (c) more than one public assets are to be disposed of and the assets are at one location; or
- (d) an on site auction is arranged to avoid transport costs.
- (2) Where the public auction method is used, the sale shall be at a reserve price.

# 7. Rules for disposal of public assets by public auction

- (1) The Procurement and Disposal Unit shall make a request to the Contracts Committee, for the use of the public auction method using Form 31 in the Schedule.
- (2) The Contracts Committee shall state its decision on the Form submitted under subregulation (1).
- (3) A procuring and disposing entity shall solicit for bids to dispose of a public asset by public auction, by publishing an invitation notice to the public.
- (4) The invitation notice to the public shall be published in at least one newspaper of national circulation and may be communicated to the public using any other appropriate media, which offers an efficient means of communicating with potential bidders and which increases competition.

- (5) The invitation notice shall be displayed on the procurement and disposal notice board of the procuring and disposing entity and on the website of the Authority.
- (6) A procuring and disposing entity shall appoint an auctioneer to conduct a public auction on behalf of the procuring and disposing entity and hand over the public asset for disposal to the auctioneer.
- (7) The auctioneer shall issue a receipt to the procuring and disposing entity for the public asset received from the procuring and disposing entity.
- (8) A procuring and disposing entity shall allow a period of at least ten working days for the potential bidders to inspect the public asset to be auctioned, which shall be between the date of publication of the invitation notice to the public and the date of the public auction.
  - (9) Bidding at a public auction shall be made orally.
- (10) The procedure for bidding at a public auction shall be specified by the auctioneer.
  - (11) The auctioneer shall not hold negotiations with any bidder.
- (12) The auctioneer shall at the public auction announce the successful bidder who shall immediately after the announcement pay at least fifty percent of the contract price.
- (13) The successful bidder shall within five working days from the date of the public auction, pay the balance of the contract price to the procuring and disposing entity.
- (14) Notwithstanding anything in this regulation, a public asset shall not be handed over to a bidder until the full contract price is paid and received by the procuring and disposing entity.

## 8. Appointment of auctioneer.

- (1) The auctioneer to be appointed by a procuring and disposing entity to conduct a public auction on behalf of the procuring and disposing entity shall be an auctioneer licenced under the Auctioneers Act, Cap 270.
- (2) The auctioneer shall be procured in accordance with the relevant procurement rules and methods in the Act.
- (3) In procuring an auctioneer, a procuring and disposing entity shall take into account—
  - (a) the commission rate of the auctioneer;
  - (b) the location of the auctioneer and cost of transporting the asset to be disposed of;
  - (c) the facilities of the auctioneer;
  - (d) the ability of the auctioneer to achieve optimum returns;
  - (e) the performance record and integrity of the auctioneer; and
  - (f) the viability of the business of the auctioneer.
- (4) The auctioneer appointed under this regulation shall provide a performance security in the format required by the procuring and disposing entity.

## Conditions and rules for direct negotiations

## 9. Conditions for use of direct negotiations.

Direct negotiations shall be used where national security, public interest, health and safety issues, legal and human rights issues or environmental considerations are served, when a sale is made to a particular bidder.

## 10. Rules for disposal of public assets by direct negotiations.

(1) The Procurement and Disposal Unit shall make a request to the Contracts Committee, for the use of the direct negotiations method using Form 32 in the Schedule.

- (2) The Contracts Committee shall state its decision on the Form submitted under subregulation (1).
- (3) Where a public asset is to be disposed of through direct negotiations, a procuring and disposing entity shall obtain a valuation for the public asset before the negotiations are conducted.
- (4) A procuring and disposing entity shall solicit for bids to dispose of a public asset by direct negotiations by issuing bidding documents.
- (5) The bidding documents shall be drafted using the format issued by the Authority.
- (6) The minimum bidding period for disposal by direct negotiations shall be three working days.
  - (7) The bids shall be evaluated using the "price only" methodology.
- (8) A procuring and disposing entity may hold negotiations with the successful bidder.
- (9) Where the successful bidder fails to pay the contract price in accordance with the terms of the contract, the procuring and disposing entity shall terminate the contract and dispose of the asset using another appropriate method of disposal.

#### Conditions and rules for sale to public officers

### 11. Conditions for use of sale to public officers.

- (1) Sale to a public officer shall be used for the disposal of a public asset where—
  - (a) the public assets for disposal are a small number or are of a low value and sale to the public would not achieve value for money for the procuring and disposing entity; or

- (b) the use of the public asset by the public officer, would directly enhance the performance of the public officer in the execution of his or her duties within a procuring and disposing entity, if the asset is put to the personal use of the public officer.
- (2) Disposal by sale to public officials shall be contracted to an independent agent.
- (3) A public asset shall be sold to a public officer for the personal use of the public officer and not for business or commercial use.
- (4) For the purposes of subregulation (3) a public asset is sold for business or commercial use where a public officer—
  - (a) makes an excessive number of purchases of a similar public asset made within a limited period; or
  - (b) purchases more than one similar public assets at a particular disposal process.

# 12. Rules for disposal of public assets by sale to public officers

- (1) The Procurement and Disposal Unit shall make a request to the Contracts Committee, for sale to public officers using Form 33 in the Schedule.
- (2) The Contracts Committee shall state its decision on the Form submitted under subregulation (1).
- (3) The independent agent appointed under regulation 11 (2) shall solicit for bids to dispose of a public asset by sale to public officers by publication of a non-public invitation notice which shall be displayed within at least five procuring and disposing entities, which are freely and easily accessible by public officers and on the website of the Authority.
- (4) The non-public invitation notice shall indicate that the public officers interested in bidding for the public assets shall obtain the bidding documents from the independent agent.

- (5) The bidding documents for disposal by public auction shall indicate—
  - (a) a description of the public asset to be disposed of;
  - (b) that the public asset is sold on an "as is, where is" basis or the alternative basis for sale:
  - (c) the documentation required for bidding;
  - (d) the eligibility requirements;
  - (e) the procedure for signing and authorising bids;
  - (f) the number of copies of bids to be submitted, which shall include one original bid, marked 'ORIGINAL', and a specified number of copies, of the bid marked 'COPY';
  - (g) the following instruction for labeling the envelope—
    - (i) the reference number of the disposal process;
    - (ii) the name of the bidder;
    - (iii) the words "WITHDRAWAL" or "REPLACEMENT" where a bid is withdrawn or replaced, respectively; and
    - (iv) the words "NOT TO BE OPENED BEFORE THE DATE AND TIME OF BID OPENING";
  - (h) the location of the public asset and arrangements for the interested public officers to inspect the public asset;
  - (i) the requirement for a bid security, where required;
  - (j) that the substance of a bid including changes in price shall not be sought, offered or permitted after bid closing;

- (k) the deadline for submission of bids and the location and method for submission bids;
- (l) the arrangements for opening the bids;
- (m) the qualification required of the public officers who intend to bid:
- (n) the method to be used to evaluate the bids and to award the contract for disposal;
- (o) the conditions of the sale;
- (p) the payment procedure and handing over arrangements; and
- (q) that the risk and cost of dismantling and removing the public asset is to be the responsibility of the successful bidder.
- (6) The bidding documents shall be drafted using the format issued by the Authority.
  - (7) The bidding documents shall not be sold.
- (8) An independent agent shall record the issuance of the bidding documents using Form 31 in the Schedule.
- (9) The public assets to be sold to public officers shall not be grouped in lots, but shall be sold as separate items, except where—
  - (a) a group of items is of a very low value;
  - (b) a group of items forms a natural set; or
  - (c) the items would not have a value or would have a lower value if sold as separate item.
- (10) Except where items are in lots, a public officer shall not be permitted to purchase two or more similar items at a particular disposal process.

- (11) The bidding period for sale to public officers shall be ten working days.
- (12) The bids shall be evaluated using the "price only" methodology.
- (13) Notwithstanding subregulation (13), an evaluation committee shall, prior to recommending award of contract, using the register of sales to public officers of the Authority, verify that the best evaluated bidder is not purchasing the public asset for business or commercial use.
- (14) Where the evaluation committee determines that best evaluated bidder is purchasing the public asset for business or commercial use, the evaluation committee shall report this to the Contracts Committee.
- (15) A procuring and disposing entity shall not hold negotiations with any bidder.
- (16) Where the successful bidder fails to pay the contract price in accordance with the terms of the contract, the procuring and disposing entity shall terminate the contract and make an offer to the next highest bidder.
- (17) The Authority shall maintain a register of the sales to public officers, which shall include for each contract—
  - (a) the name of the public officer to whom the contract is awarded;
  - (b) the date of the disposal contract;
  - (c) the type of public asset sold; and
  - (d) any other relevant information.
- (18) The following persons may bid for public assets under this regulation—

- (a) a member of the Contracts Committee or of the evaluation committee of the procuring and disposing entity or of another procuring and disposing entity; and
- (b) a member of the Board of Survey.

Conditions and rules for destruction of public assets

## 13. Conditions for use of destruction of public asset.

Destruction of a public asset shall be used where—

- (a) national security, public interest, health and safety issues, legal and human rights issues or environmental considerations will be served if the public asset is destroyed; or
- (b) the public asset has no residual value and it cannot be transferred to another procuring and disposing entity, converted or classified into another form with any value or disposed of by donation.

# 14. Rules for disposal of public assets by destruction

- (1) The Procurement and Disposal Unit shall make a request to the Contracts Committee, for disposal by destruction using Form 34 in the Schedule.
- (2) The Contracts Committee shall state its decision on the Form submitted under subregulation (1).
- (3) A procuring and disposing entity shall undertake the destruction of the public asset or engage a competent authority or a provider to undertake the destruction.
- (4) Where a procuring and disposing entity engages a provider to undertake the destruction, the provider shall be procured in accordance with the relevant procurement rules and methods in the Act.
- (5) The accounting officer shall, using Form 35 in the Schedule give approval for the destruction, prior to the destruction.

(6) Where a procuring and disposing entity engages a competent authority or a provider to undertake the destruction, the competent authority or provider shall issue a certificate of destruction to the procuring and disposing entity which shall be part of the record of disposal proceedings.

Conditions and rules for conversion or classification of public assets into another form

# 15. Conditions for use of conversion or classification of a public asset into another form for disposal by sale.

Conversion or classification of a public asset into another form for disposal by sale shall be used as a method of disposal—

- (a) where national security, public interest, health and safety issues, legal and human rights issues or environmental considerations will be served if the public asset is converted or classified into another form; or
- (b) where the public asset has no residual value in its current form, but where some sale value can be obtained through conversion or classification of the public asset into another form.

# 16. Rules for disposal of public assets by conversion or classification of the public assets into another form.

- (1) The Procurement and Disposal Unit shall make a request to the Contracts Committee, for disposal by conversion or classification of public assets into another form using Form 36 in the Schedule.
- (2) The Contracts Committee shall state its decision on the form submitted under subregulation (1).
- (3) A procuring and disposing entity may engage a competent authority or a provider to undertake the conversion or classification.

- (4) Where a procuring and disposing entity engages a provider to undertake the conversion or classification, the provider shall be procured in accordance with the relevant procurement rules and methods in the Act.
- (5) The competent authority or the provider who undertakes the conversion or classification shall submit evidence of the conversion or classification undertaken, using Form 37 in the Schedule which shall be part of the record of disposal proceedings.

## Conditions and rules for use of trade-in

#### 17. Conditions for use of trade-in.

- (1) Trade-in shall be used where a public asset of a procuring and disposing entity will be upgraded in a convenient, economic and efficient way, by trading-in a surplus public asset of the procuring and disposing entity, to offset the purchase price of a new asset.
- (2) Trade-in shall not be used where competition and value for money will not be achieved in the procurement process.

# 18. Rules for disposal of public assets by trade-in.

- (1) The Procurement and Disposal Unit shall make a request to the Contracts Committee, for disposal by trade-in using Form 38 in the Schedule.
- (2) The Contracts Committee shall state its decision on the Form submitted under subregulation (1).
- (3) A procuring and disposing entity shall solicit for bids for the procurement to be done under the trade-in of a public asset using the relevant regulations on procurement.
- (4) A procuring and disposing entity shall cause the public assets to be disposed of by trade-in to be valued before the disposal.
- (5) For the purposes of selecting the appropriate method of disposal to use, the estimated value of the asset of the trade-in shall be included in the estimated value of the procurement.

- (6) The disposal process of the trade-in shall be carried out using the appropriate disposal method in accordance with these Regulations.
- (7) The disposal process of the trade-in shall be an integral part of the procurement process and shall follow the procurement rules in the Act and the Regulations made under the Act.
- (8) The method used to evaluate trade-in offers shall be stated in the evaluation report.
- (9) A procuring and disposing entity may where permitted by section 74 of the Act, hold negotiations with the successful bidder.

Conditions and rules for transfer to another procuring and disposing entity

# 19. Conditions for use of transfer to another procuring and disposing entity.

Transfer to another procuring and disposing entity shall be used where the procuring and disposing entity to which a transfer of the public asset is made shall make further use of the public asset.

# 20. Rules for disposal of public assets by transfer to another procuring and disposing entity.

- (1) The Procurement and Disposal Unit shall make a request to the Contracts Committee, for the transfer to another procuring and disposing entity using Form 39 in the Schedule.
- (2) The Contracts Committee shall state its decision on the Form submitted under subregulation (1).
- (3) The concerned procuring and disposing entities shall prior to the transfer, agree on the following—
  - (a) the subsidiary or linked public assets to be included in or excluded from the transfer;
  - (b) the date for the transfer;

- (c) the responsibility for transporting the public asset;
- (d) the procedure of handing over the public asset and the documentation to be transferred with the public asset; and
- (e) the responsibility for any legal obligations linked to the public asset to be transferred.
- (4) The arrangements for the transfer shall be recorded using Form 40 in the Schedule.

## Conditions and rules for donation

#### 21. Conditions for use of donation.

Donation of a public asset shall be used where—

- (a) the procuring and disposing entity cannot obtain payment for the public assets using any of the relevant methods of disposal;
- (b) the public asset cannot be transferred to another procuring and disposing entity.

# 22. Rules for disposal of public assets by donation.

- (1) The Procurement and Disposal Unit shall make a request to the Contracts Committee, for disposal by donation using Form 41 in the Schedule.
- (2) The Contracts Committee shall state its decision on the Form submitted under subregulation (1).
- (3) The procuring and disposing entity shall identify a recipient of the public assets to be donated and confirm the interest of the recipient to receive the public asset on the terms and conditions offered by the procuring and disposing entity.
- (4) A procuring and disposing entity shall not dispose of a public asset by donation where the procuring and disposing entity will incur expenses except where—

- (a) there is no other way of disposing of the asset; and
- (b) the cost to be incurred is less than would be incurred if the public asset was destroyed.
- (5) These Regulations shall not apply to an asset that is procured by a procuring and disposing entity for the purpose of donation to any person.
- (6) A procuring and disposing entity shall confirm the donation of a public asset using Form 42 in the Schedule.

PART III—RULES AND PROCESSES FOR DISPOSAL OF PUBLIC ASSETS.

## 23. Valuations and reserve price.

- (1) A procuring and disposing entity shall obtain a valuation for a public asset prior to the commencement of disposal proceedings.
  - (2) The valuation shall be obtained from—
  - (a) a competent authority, where this is so required by law; or
  - (b) a competent authority or a provider procured in accordance with the Act, where there is no requirement for valuation under the relevant laws.
- (3) The Contracts Committee shall determine whether the valuation required under subregulation (2) (b) should be conducted.
- (4) A valuation shall not be carried out under subregulation (2) (b) where the cost of the valuation is likely to be more than the money expected to be realised from the disposal.
- (5) Where the Contract Committee determines, another valuation may be conducted.

- (6) Where more than one valuations are conducted, the valuations shall be confidential and the identities and recommendations of a valuer shall not be revealed to the other valuer.
- (7) The Contracts Committee shall use the valuation to select the disposal method and where required, to determine the reserve price.
- (8) For the purposes of determining the reserve price, the Contracts Committee shall decide whether a reserve price should be set and shall, on the recommendation of the user department approve the reserve price.
- (9) The reserve price shall be the minimum sale price of a public asset.

### 24. Description of public assets for disposal.

- (1) A procuring and disposing entity shall in the invitation notice to the public and the bidding documents, give a description of a public asset to be disposed of including pictures of the asset, the size of the asset, the encumbrances on the assets, if any, the current usage of the asset, the condition and location of the asset.
- (2) The description of a public asset shall, where applicable, indicate the risk and cost of dismantling and removing the public asset upon completion of the disposal proceedings.
- (3) A warranty shall not be offered on a public asset to be disposed of, except where the increase in price received for the public asset is likely to be greater than any costs associated with providing the warranty.

# 25. Inspection of public assets.

- (1) A procuring and disposing entity shall offer a reasonable opportunity to potential bidders, to inspect a public asset before the deadline for bidding.
- (2) The arrangements for the inspection of the public assets shall be included in the invitation notice and in the bidding documents, where appropriate.

#### 26. Submission of bids.

- (1) A written bid shall be submitted in a plain outer envelope which shall be sealed securely in such a manner that opening and resealing the envelope cannot be achieved undetected.
- (2) A procuring and disposing entity shall at the opening of bids, reject an envelope that is not sealed.

## 27. Cancellation of disposal process.

- (1) A Procurement and Disposal Unit shall where it deems it necessary, or upon the recommendation of the User Department, recommend to the Contracts Committee that the disposal process be cancelled.
  - (2) The recommendation for cancellation shall indicate—
  - (a) the reference number of the disposal and the respective public asset;
  - (b) the reasons for the recommendation;
  - (c) the status of the disposal process;
  - (d) the recommended alternative disposal method, where applicable; and
  - (e) and other relevant information.
- (3) The Contracts Committee shall consider the recommendation and forward it to the accounting officer for a decision.

#### 28. Withdrawal of bids.

- (1) A bidder may, at any time before the deadline for submission of bids, withdraw a bid, by a letter notifying a procuring and disposing entity of the withdrawal.
- (2) A withdrawal letter shall be authorised and submitted in the same way as the bid and shall be opened, read out and recorded at the bid opening session.

- (3) A bidder who withdraws a bid may submit a new bid in accordance with the provisions of the bidding documents.
- (4) A bidder may at any time before the deadline for submission of bids withdraw a bid and submit another bid.

# 29. Methods of receipt of bids.

- (1) A procuring or disposing entity shall receive bids—
- (a) through the staff of the procurement and disposal unit, and issue a receipt, in accordance with regulation 30; or
- (b) by use of a bid box in accordance with regulation 31.
- (2) Where a bid is delivered by registered mail or courier, a procuring and disposing entity shall not be held liable for risk of loss or delay in delivery.

## 30. Receipt of bids in person and deadline for submission of bids.

- (1) An officer of the procurement and disposal unit shall be available at the location for submission, before the deadline for submission of bids, to receive the bids and to issue receipts.
- (2) The procurement and disposal unit shall issue a signed receipt for each bid received, stating the date and time the bid is received.
- (3) A procuring and disposing entity shall maintain a record of the bids received using Form 43 in the Schedule which shall indicate the name of each bidder, the date and time when each bid is received and name of the staff member of the procurement and disposal unit who receives the bid.
- (4) Bidding shall be closed at the precise time of the deadline for submission of bids.
- (5) A bid that is brought to the location of submission of bids after the deadline for submission of bids shall not be accepted for purposes of bidding.

- (6) The bid that is brought to the location of submission after the deadline for submission of bids shall be labeled "LATE" and returned unopened to the bidder.
- (7) A bid that is brought to the location of submission of bids after the deadline for submission of bids, which is not labelled with the name of the bidder, shall be left unopened and destroyed.
- (8) The procurement and disposal unit shall manage the process specified under this regulation and a representative of the Contracts Committee or of the User Department shall witness the process.
- (9) The persons referred to in subregulation (8) shall sign Form 43 in the Schedule to confirm that bidding was closed at the precise time of the deadline for submission of bids.
- (10) Immediately after the deadline for submission of bids, the bids received shall be moved to the location to be used for opening the bids.

#### 31. Receipt of bids by bid box and deadline for submission of bids.

- (1) A procurement and disposal unit shall ensure that a bidder has access to the bid box at all times during working hours until the deadline for submission of bids.
- (2) Where a bid is too large to be placed in the bid box, the procurement and disposal unit shall—
  - (a) issue a receipt for each bid received, stating the date and time the bid is received:
  - (b) keep the bid securely until the deadline for submission of bids; and
  - (c) take the bid and the bid box to the location to be used for opening the bids.
- (3) Where a procuring and disposing entity considers it appropriate, it may require a bidder to register a bid.

- (4) A bidder whose bid is registered under subregulation (3) shall be given a receipt, stating the date and time the bid is received, before the bid is placed in the bid box.
- (5) Bidding shall be closed at the precise time of the deadline for submission of bids by sealing the bid box.
- (6) The bid that is brought to the location of submission after the deadline for submission of bids shall be labeled "LATE" and returned unopened to the bidder.
- (7) A bid that is brought to the location of submission of bids after the deadline for submission of bids, which is not labelled with the name of the bidder, shall be left unopened and destroyed.
- (8) The procurement and disposal unit shall manage the process specified under this regulation and a representative of the Contracts Committee or of the User Department shall witness the process.
- (9) The persons referred to in subregulation (8) shall sign Form 43 in the Schedule to confirm that the bid box was sealed at the precise time of the deadline for submission of bids.
- (10) Immediately after the deadline for submission of bids, the bid box shall be moved to the location to be used for opening the bids.
- (11) The bid box shall not be opened until the time of the public opening of the bids.

# 32. Notification to bidders of public bid opening.

- (1) Where a procuring and disposing entity uses the open bidding or the restricted bidding process the bids shall be opened at a public bid opening session and the bidding document shall contain instructions to bidders regarding—
  - (a) the date and time of the bid opening;

- (b) the location of the bid opening; and
- (c) the information to be read out and recorded at the bid opening session.
- (2) Where the information in subregulation (1) is not available at the time of issue of the bidding document, the information shall be communicated to all the bidders who purchased or were issued with the bidding document, before the deadline for submission of bids.

#### 33. Information to be read out.

- (1) The information to be read out at the bid opening under regulation 32, shall be in accordance with the bidding document and shall include—
  - (a) the name of the bidder;
  - (b) the presence or absence of a bid security and the form or amount of the bid security, where bid security was requested in the bidding document;
  - (c) the total price and currency of the bid; and
  - (d) any other information required as may be stated in the bidding documents.
- (2) The information in this regulation may be varied where it is required by an alternative bid submission or evaluation method.

## 34. Procedure for public bid openings.

- (1) The bid opening session shall be managed by a member of the procurement and disposal unit and shall be witnessed by a representative of the Contracts Committee.
- (2) The envelopes marked "WITHDRAWAL" shall be opened first and read out and the envelopes containing the withdrawn bid shall be located and returned to the bidder unopened.

- (3) A procuring and disposing entity shall only allow a bid to be withdrawn where the withdrawal notice is in accordance with the requirements in the bidding document and where the notice is read out at the bid opening session.
- (4) The other envelopes, including the envelopes marked "REPLACEMENT", shall be opened one at a time and the relevant details read out in accordance with the bidding document.
- (5) A replacement bid shall be recorded as such at the bid opening session.
- (6) The key pages of a bid that is opened shall be stamped with the stamp of the procuring and disposing entity and signed or initialled by the chairperson of the bid opening session.
- (7) The chairperson of the bid opening session shall determine the key pages to be stamped and initialled, which shall include the typed pages of the bid that are unique to the bid, and the bid form or bid submission sheet and the pages containing financial information.
- (8) With the exception of a bid that is brought to the location of submission of bids after the deadline for submission of bids, a bid shall not be rejected or evaluated in any way at the public bid opening session.
- (9) A procuring and disposing entity shall in the record of the bid opening session, note any discrepancies in a bid or any missing documents but shall not comment on the discrepancies or missing documents.

# 35. Representation of bidder at public bid opening.

- (1) Public bid opening shall be conducted in the presence of a bidder or a representative of a bidder who chooses to attend.
- (2) The procuring and disposing entity shall permit a bidder or a representative of a bidder to confirm that the bid is intact and sealed and any addition, deletion or modification to the exterior or the contents of a sealed bid shall not be permitted.

(3) A bidder or a representative of a bidder may ask questions after all the bids are opened, but a procuring and disposing entity shall not enter into discussion on the specific details of any bid.

### 36. Record of public bid opening.

- (1) The bid opening shall be recorded using Form 44 in the Schedule.
- (2) Any person who attends or participates in a bid opening shall sign Part II of Form 44 in the Schedule.
- (3) After the bids are opened, read out and recorded, the record of the opening shall be signed by the chairperson and countersigned by the secretary.
- (4) Copies of the record shall, upon request, be made available to a bidder or a representative of a bidder.
- (5) The record of the bid opening shall be posted on the notice board of the procuring and disposing entity, within one working day of the opening and shall be displayed for a minimum of seven days.

## 37. Complaints on the bidding process.

- (1) A member of a procuring and disposing entity, who suspects collusion between bidders, may request the Authority to investigate this.
- (2) A member of a procuring and disposing entity who suspects mismanagement or malpractice of a procurement or disposal process within the procuring and disposing entity, shall report this to the accounting officer who shall take appropriate action.
- (3) A bidder may complain about the bidding process in accordance with the Public Procurement and Disposal of Assets (Administrative Review) Regulations, 2014.

### 38. Re-bidding due to identical highest price bids.

(1) Where two or more bidders offer the same price for a bid, and it is the highest price, the procuring and disposing entity shall invite these bidders to submit revised bids.

- (2) A bidder who is invited to submit a revised bid under subregulation (1) shall not quote a price lower than the price quoted in the original bid.
- (3) A revised bid shall be written, sealed and submitted in the same way as the original bid.
- (4) A procuring and disposing entity shall give the bidders who are invited to submit revised bids reasonable time within which to submit revised bids.
- (5) The procedure for opening the revised bids shall be the same as the procedure for opening the original bids.
- (6) Where the revised bids have identical prices, the process shall be repeated in accordance with this regulation.
- (7) This regulation shall not apply where the price referred to in subregulation (1) is a result of an error that is made in the original evaluation, including, an arithmetic error or application of an exchange rate.

#### PART IV—EVALUATION OF BIDS

#### 39. Evaluation of bids.

The Public Procurement and Disposal of Public Assets (Evaluation) Regulations 2014, shall, with the necessary modifications, apply to evaluation of bids under these Regulations.

# 40. Evaluation based on price only.

- (1) Where the evaluation is based on the price only, the bidder with the highest price shall be awarded the contract.
  - (2) The evaluation committee shall, in evaluating the bids—
  - (a) correct any arithmetic errors;
  - (b) convert the currency of the bids into a common currency; and

- (c) compare the price of each bid with the value of a public asset or the reserve price, as appropriate.
- (3) The evaluation committee shall recommend award of the disposal contract to the bidder with the best evaluated price, subject to any reservations in regard to the valuation or reserve price.
- (4) The evaluation report shall be drafted using Form 45 in the Schedule and shall indicate—
  - (a) the price of each bid;
  - (b) correction of arithmetic errors, if any, and the conversion of the bid prices into a common currency;
  - (c) the best evaluated bid;
  - (d) the comparison of the best evaluated bid with the valuation or reserve price, if any; and
  - (e) a recommendation to—
    - (i) award the contract to the best evaluated bidder and where necessary, to hold negotiations with the best evaluated bidder and a copy of the negotiation plan;
    - (ii) cancel the disposal process; or
    - (iii) dispose of the public asset using an another disposal method.
- (5) For the purposes of subregulation (4) (e) (i), the evaluation committee shall prepare for the approval of the Contracts Committee a negotiation plan using Form 46 in the Schedule which shall—
  - (a) propose the negotiation team;
  - (b) specify the issues to be negotiated; and

(c) specify the objectives to be achieved; and where possible shall quantify the objectives and set maximum and minimum negotiating parameters for a negotiation team.

### 41. Evaluation based on price and other factors.

- (1) Where the evaluation is based on price and other factors, the eligibility requirements and compliance with the other factors, shall be evaluated on a pass or fail basis.
- (2) Notwithstanding subregulation (1), evaluation of compliance with the other factors may include an evaluation of the relative merits of each bid in exceptional circumstances.
- (3) The other factors shall be stated and the reasons for evaluating them justified and approved by the Contracts Committee, prior to the issuance of bidding documents.
  - (4) The evaluation committee shall—
  - (a) use a preliminary examination to assess the eligibility of a bidder on a pass or fail basis and shall reject a bidder who fails to meet the eligibility criteria;
  - (b) evaluate other factors in the manner stated in the bidding document; and
  - (c) use a price evaluation to—
    - (i) correct any arithmetic errors;
    - (ii) convert the bid prices into a common currency, where applicable; and
    - (iii) compare the bid price with the valuation of the public asset or reserve price, where applicable.
- (5) A recommendation for contract award shall be in accordance with the specifications in the bidding document.

- (6) The evaluation committee shall recommend award of the disposal contract to the bidder with the best evaluated price, and who meets the eligibility requirements and passes the evaluation criteria, subject to any reservations in regard to the valuation or reserve price.
- (7) Notwithstanding subregulation (6), where the evaluation criteria includes an evaluation of the relative merits of each bid in accordance with subregulation (2), the evaluation committee shall recommend award of contract to the bidder with the best evaluated price, in accordance with the methodology in the bidding documents.
- (8) The evaluation report shall be prepared using Form 45 in the Schedule and shall indicate—
  - (a) whether a bidder is eligible;
  - (b) the results of the application of any other evaluation criteria relevant to public interest;
  - (c) the price of each bid;
  - (d) the correction of any arithmetic errors and the conversion to a common currency where applicable;
  - (e) the best evaluated bid;
  - (f) a comparison of the best evaluated bid with the valuation or reserve price, if any; and
  - (g) a recommendation to—
    - (i) award the contract to the best evaluated bidder and where necessary, to hold negotiations with the best evaluated bidder;
    - (ii) cancel the disposal process; or
    - (iii) dispose of the public asset using another disposal method.

- (9) For the purposes of subregulation (8) (g) (i), the evaluation committee shall prepare for the approval of the Contracts Committee a negotiation plan using Form 46 in the Schedule which shall—
  - (a) propose the negotiation team;
  - (b) specify the issues to be negotiated; and
  - (c) specify the objectives to be achieved; and where possible shall quantify the objectives and set maximum and minimum negotiating parameters for a negotiation team.

## 42. Submission of evaluation report.

- (1) Where the disposal of a public asset is by public auction, the auctioneer shall within fourteen days from the date of the public auction, submit the name of the highest bidder, the price of the bid, and the proceeds from the public auction, to the Accounting Officer, using Form 47 in the Schedule.
- (2) Where the disposal method requires the submission of a written bid, the evaluation committee shall submit the name of the highest bidder and the price of the bid, to the Procurement and Disposal Unit using Form 45 in the Schedule.

# 43. Procedure for negotiations.

The procedure for negotiations shall be in accordance with the relevant provisions of the Act.

# 44. Failure to reach the reserve price.

- (1) Where the price of the best evaluated bid is lower than the reserve price, the Contracts Committee shall, taking into consideration the difference between the best evaluated bid and the valuation or reserve price, the likely costs of the recommended action and the possibility of collusion of the bidders, make a recommendation to accounting officer.
- (2) A recommendation under subregulation (1) shall specify whether—

- (a) another valuation for the public asset should be obtained;
- (b) negotiations should be conducted with the highest bidder, where the direct negotiations method was used for the disposal;
- (c) an invitation for new bids should be made;
- (d) the disposal process should be repeated using another method of disposal which is likely to obtain a higher price; or
- (e) the public asset should be sold at a reduced price.

### 45. Records of disposal of public assets

- (1) A procuring and disposing entity shall in respect of each disposal process keep the following records—
  - (a) records of the disposal;
  - (b) records relating the management of the contract for disposal;
  - (c) records of the Contracts Committee; and
  - (d) records of the accounting officer including records of investigations of complaints.
- (2) "Records of the disposal" in subregulation (1) (a) includes, as appropriate—
  - (a) a request to initiate disposal proceedings;
  - (b) a report of the board of survey;
  - (c) a copy of an invitation notice;
  - (d) a copy of the bidding documents, and the amendments, clarifications and additions to the bidding documents such as the catalogue of the auctioneer or general descriptive literature;

- (e) a report on the inspection of the public assets by the potential bidders;
- (f) a record of the bid opening process;
- (g) the records of the Contracts Committee;
- (h) a copy of the bids that were evaluated and the requests for clarifications by the evaluation committee and the responses received in respect of the requests;
- (i) the evaluation report;
- (j) minutes of the negotiation proceedings;
- (k) a copy of the letter of bid acceptance issued to the successful bidder;
- (1) the contract;
- (m) documents related to the management of the contract for disposal receipts of payment and the handing over certificate;
- (n) a copy of the public assets register of the procuring and disposing entity; and
- (o) all correspondence between the procuring and disposing entity and the bidders, the auctioneer or the third party disposal agent.
- (3) A procuring and disposing entity shall, using Form 48 in the Schedule, by the 15th day of the month, submit a monthly report to the Authority on all disposal contracts awarded during the preceding month.

# 46. Contracts of disposal

The Public Procurement and Disposal of Public Assets (Contracts) Regulations, 2014 shall, with the necessary modifications, apply to the contracts of disposal entered into between a procuring and disposing entity and a bidder.

## THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

## <u>DISPOSAL EVALUATION REPORT</u> (EVALUATION BASED ON PRICE ONLY/ PRICE AND OTHER FACTORS)

		Disposal R	Reference Number					
	Code of	Procuring and Disposing Entity	Financial year	Sequence Number				
**Pi Fori		ad the guidance notes for	preparing evaluation	on report at the end of this				
1.	Intr	oduction						
	(1)	(1) The asset(s) being disposed of is/are [description of asset and number in asset register]						
	(2)	The disposal method used and approved by the Contracts Committee was [public bidding/direct negotiations/sale to public officers]						
2.	Details of invitation							
	<ul><li>(1) The bidding document was approved by the Contracts Committee on [date]</li></ul>							
	(2)	The bid notice was advertised on the [date]in [name of publication]						
	(3)	The list of persons issued with the bidding documents was recorded using Form 30 which is attached.						
	{For sale to public officers}							
	(1)	The bidding document was approved by the Contracts Committee on [date]						
	(2)	The bid notice was advertised on the [date]at the premises of the following procuring and disposing entities [insert locations of notices]						

	(3)	The list of staff issued with the bidding documents was recorded using Form 30 which is attached.						
	{For direct negotiations}							
	(1)	The bidding document and proposed bidder were approved by the Contracts Committee on [date]						
	(2)							
3.	Poter	pection of assets ential bidders were given the opportunity to inspect the assets at $cation$ on $[date(s)]$						
4.	<pre>Petails of bid closing {For public bidding and sale to public officers} (1) Bidding was closed on [date]at [time]        at [location] (2) The receipt of bids was recorded using Form 43 which is attached.  {For direct negotiation}</pre>							
	The sealed bid was received on [date].							
5.	Deta (1)	on [date]at						
	[time]  (2) The bid opening and attendance was recorded using Form 44 which is attached.							
6.	Details of Evaluation Committee  The evaluation committee approved by the Contracts Committee on [date] comprised of the following:							
[Nam	ne]	[Designation and department]						
[Nam	ie]	[Designation and department]						
[Nam	ne]	[Designation and department]						

#### 7. Details of evaluation

- (1) The evaluation was based on price only. Refer to Table 1 which summarises the bid prices.
- (2) The highest bid received was [price of highest bid].
- (3) The official valuation/reserve price was [valuation or reserve price, if any].

{For disposal by sale to public officers only}

(1) The previous purchases of the best evaluated bidder were checked on the Authority's register and it was determined that the bidder was not purchasing for business or commercial use.

{or}

- (2) The previous purchases of the best evaluated bidder were checked on the Authority's register and it was determined that the bidder was purchasing for business or commercial use. [Give details of why this conclusion was reached.]
- (3) The same check was therefore made on the next best evaluated bidder and it was determined that he or she was not purchasing for business or commercial use.

{For evaluation based on price and other factors}

## 8. Details of evaluation methodology

The evaluation was based on price and other factors, using the following three stage methodology. { amend as appropriate }.

- (a) preliminary examination on a pass/fail basis to determine the eligibility of the bidders and the non eligible bidders were eliminated from further evaluation;
- (b) application of other evaluation criteria in the manner stated in the bidding document and the technically non compliant bids were eliminated from further evaluation/bids were awarded scores according to merit; and
- (c) financial evaluation to correct any errors in calculations, convert to a common evaluation currency and rank the bids according to price or score and the bids were compared to the official valuation/reserve price.

#### 9. Preliminary examination

[Brief narrative on the result of the preliminary examination and detailed justification with reasons why any bidders were declared not eligible]. Refer to Table 2 which summarises the preliminary examination.

## 10. Other evaluation criteria (if any)

[Brief narrative on the application of any other evaluation criteria and detailed justification with reasons why any bids were declared non compliant or for the scores awarded].

Refer to Table 3 which summarises the technical evaluation.

#### 11. Financial evaluation

[Describe any errors in calculation and corrections made and the conversion to a common currency if necessary.]

[Describe the ranking of bids according to price or scores].

Refer to 4 which summarises the price evaluation.

- (1) The best evaluated bid was [name of bidder] at a total bid price of [price of bid].
- (2) The official valuation/reserve price was [valuation or reserve price, if any].

## **12. Recommendation** {amend as appropriate}

{Where the highest bid is equal to or higher than the valuation or reserve price, if any}

On the basis of evaluation based on price only, it is recommended that the award be made to [name of bidder] for a total contract value of [currency and amount] for [list all items that the award relates to].

{Repeat recommendation for multiple contracts.}

{Where the highest bid is lower than the valuation or reserve price}

- (1) The best evaluated bid is less than the valuation/reserve price and it is therefore recommended that no contract award be made.
- (2) It is further recommended that the asset(s) be revalued/disposed of by [method of disposal].

{or}	
The highest bid received is only [state percentage]	
% below the valuation/reserve price and it is therefore recommended th	a
negotiations be held with [name of bidder]	ir
relation to the bid price.	

	<i>{or}</i> The	highest	bid receiv	ed is	only	[state percentage]				
	The highest bid received is only [state percentage]									
	amount	t]				is that the award relates				
	{or} [S	tate other	appropriate rec	mmend	ation.]					
13.	3. Disagreement by the Evaluation Committee {delete if not applicable}. The Evaluation Committee could not reach a unanimous decision on evaluation and this evaluation report details the view of the majority of team.  [Give details of the issues where the team disagreed, the discussions he the alternative views and the names of those with alternative views].									
14.	4. Signed by the Evaluation Committee:  We confirm that this evaluation report gives a complete and accurate report of the evaluation conducted:									
Name:			Signature:			_ Date:				
						Date:				
Name			Signature:			_ Date:				
	-		ppropriate}							
			ue of bidding do			la				
			eipt of bids or b	id closin	ng					
		ord of bid mary of bi								
		•		ination (	and accepter	nent of eligibility				
			plication of oth							
			nancial evaluati							

## Documents available from the Procurement and Disposal Unit: {amend as appropriate}

Copy of the bidding document.

Copy of all bids.

## STATUTORY INSTRUMENTS SUPPLEMENT No. 3

14th February, 2014

#### STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated 14th February, 2014 Printed by UPPC, Entebbe, by Order of the Government.

#### STATUTORY INSTRUMENTS

#### 2014 No. 14.

## THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS (CONTRACTS) REGULATIONS 2014

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SCHEDULE 2 - Form

Form 49 - Contract management plan

## S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 14.

# The Public Procurement and Disposal of Public Assets (Contracts) Regulations, 2014.

(Under section 96 of the Public Procurement and Disposal of Public Assets Act, 2003)

IN EXERCISE of the powers conferred upon the Minister responsible for finance by section 96 of the Public Procurement and Disposal of Public Assets Act, 2003, on the recommendation of the Authority and with the approval of Parliament, these Regulations are made this 6th day of February, 2014.

#### PART I—PRELIMINARY

#### 1. Title and commencement.

- (1) These Regulations may be cited as the Public Procurement and Disposal of Public Assets (Contracts) Regulations, 2014.
- (2) These Regulations shall come into force on the 3rd day of March, 2014.

## 2. Interpretation.

In these Regulations, unless the context otherwise requires—

"Act" means the Public Procurement and Disposal of Public Assets Act, 2003.

#### PART II—AWARDING A CONTRACT

## 3. Adjudication and award of contract.

- (1) After evaluation and any negotiation process, a procurement and disposal unit shall submit to the contracts committee, a recommendation to award a contract.
- (2) The contracts committee shall consider the recommendation and make a decision to award the contract.
- (3) An award of contract by the contracts committee shall not be a contract binding a procuring and disposing entity to a provider.

#### 4. Notice of best evaluated bidder.

- (1) A procuring and disposing entity shall, within five working days after the decision of the contracts committee to award a contract—
  - (a) deliver a copy of the notice of best evaluated bidder to all bidders who participated in the bidding process;
  - (b) display a notice of best evaluated bidder on the notice board of the procuring and disposing entity; and
  - (c) send a copy of the notice of best evaluated bidder to the Authority for publication on the website of the Authority.
  - (2) A notice of best evaluated bidder shall not amount to a contract.
  - (3) The notice of best evaluated bidder shall state—
  - (a) the name of the best evaluated bidder;
  - (b) the proposed total contract price and, where any scores were awarded during the evaluation process, the total score of the best evaluated bidder;
  - (c) the date of the notice;
  - (d) that a procuring and disposing entity shall not award a contract during a period of ten days from the date of the notice;
  - (e) the expiry date of the period specified in paragraph (d); and
  - (f) the unsuccessful bidders and the stage at which their bids failed or were eliminated.
- (4) A procuring and disposing entity shall obtain proof of delivery of the notice of best evaluated bidder to all bidders.
- (5) The notice of best evaluated bidder shall be displayed on the procurement and disposal notice board of the procuring and disposing entity and the website of the Authority until the day following the expiry of the period specified in regulation 5.

- (6) This regulation shall not apply to—
- (a) micro procurement;
- (b) direct procurement; or
- (c) procurement in emergency situations, irrespective of the procurement method used.

## 5. Period during which no further action may be taken.

- (1) A procuring and disposing entity shall not take any action on the contract award until the lapse of ten days after the date of display of the notice of the best evaluated bidder under regulation 4.
- (2) Where the decision to award a contract is changed within the time specified in subregulation (1), the ten days shall be deemed to commence on the date of display of the new notice of the best evaluated bidder.
  - (4) This regulation shall not apply to—
  - (a) micro procurement;
  - (b) direct procurement; or
  - (c) procurement in emergency situations, irrespective of the procurement method used.

## 6. Debriefing bidders.

- (1) After signing a contract, the procuring and disposing entity shall at the request of a bidder give the bidder a written debrief stating the reasons for the success or failure of the bids.
  - (2) A debrief shall—
  - (a) state the name of the best evaluated bidder and the evaluated price of the bid;

- (b) where any scores were awarded during the evaluation process, provide a breakdown of the scores awarded against each criterion, for the best evaluated bidder and, where applicable, the scores awarded to the bid of the unsuccessful bidder; and
- (c) in the case of an unsuccessful bidder—
  - (i) state the evaluated price of the bid;
  - (ii) state at the stage of the evaluation at which the bid was rejected; and
  - (iii) provide brief details of any material deviation, reservation or omission that led to the rejection of the bid or state the relative weakness of the bid.
- (3) The debrief shall be unique to each bidder and shall not provide details on any other bids, other than the information required by subregulation (2) or that is otherwise publicly available.
- (4) The debriefing of bidders shall not apply to micro procurement, direct procurement or direct selection.

## 7. Procedure for awarding contract.

- (1) A procuring and disposing entity shall not issue a contract document, purchase order, or other communication in any form, conveying acceptance of a bid that binds a procuring and disposing entity to a contract with a provider, until—
  - (a) the contracts committee makes a decision to award the contract;
  - (b) the accounting officer confirms that the contract price is not higher than the market price established prior to the commencement of the procurement process;
  - (c) the period specified in regultion 5 expires, following the notice of best evaluated bidder;

- (d) the accounting officer confirms that the procurement is not subject to any administrative review;
- (e) the full amount of the funding for the period of the proposed contract is committed; and
- (f) all relevant agencies, including, the Attorney General make the necessary approval of the contract.
- (2) Notwithstanding subregulation (1), in an emergency situation or for micro procurement, the accounting officer may sign a contract without—
  - (a) a decision by the contracts committee, where the contracts committee is unable to meet;
  - (b) a notice of best evaluated bidder; or
  - (c) applying the period specified in regulation 5.

#### 8. Commitment of funds.

- (1) A procuring and disposing entity shall not enter into a contract until the accounting officer confirms in writing that the required funds have been committed for the proposed contract.
  - (2) subregulation shall (1) not apply where—
  - (a) payment to a provider shall be effected in a subsequent financial year;
  - (b) in the case of a framework contract, funds are committed at the time of issue of each specific call off order; or
  - (c) the Secretary to the Treasury confirms in writing that the required funding shall be made available in accordance with a specified schedule of payment.

- (3) Where payment to a provider extends to more than one financial year, an accounting officer shall make financial provision for the payment, in the budgets submitted to the Secretary to the Treasury, for the duration of the contract.
- (4) In the case of a framework contract, the accounting officer shall ascertain that—
  - (a) the minimum payment guaranteed to the provider is committed prior to the award of contract;
  - (b) sufficient funds are budgeted for in a financial year to cover the full cumulative costs of all call off orders anticipated for the year; and
  - (c) the funds required for each call off order are committed prior to the release if the call off order.
- (5) Where the Secretary to the Treasury confirms that the required funds shall be availed in accordance with subregulation (2)(c), the accounting officer shall make the necessary adjustments to the current and future budgets and comply with any other instructions issued by the Secretary to the Treasury.

## 9. Commitment of total cost of acquiring requirement.

- (1) An accounting officer shall ascertain that the total cost of acquiring a procurement requirement is committed before entering into a contract.
  - (2) The total cost of acquiring a requirement shall include—
  - (a) the total contract price;
  - (b) contingencies, including the anticipated contract variations or permitted exchange rate fluctuations; and
  - (c) other incidental costs, not included in the contract price, but for which a procuring and disposing entity shall be liable, including local clearance, inland delivery and import taxes or duties.

- (3) In the case of a contract for supplies using an INCOTERM term, where the procuring and disposing entity is responsible for paying additional costs, the procuring and disposing entity shall ascertain that the additional costs are included in the total cost of acquiring the requirement before entering into the contract.
  - (4) The additional costs referred to in subregulation (3) include—
  - (a) freight costs;
  - (b) local clearance and delivery costs;
  - (c) insurance costs;
  - (d) taxes, duties and levies due on importation;
  - (e) inspection costs; and
  - (f) any other costs.

#### 10. Contract.

- (1) A contract shall—
- (a) clearly identify the obligations of each party;
- (b) correlate all payments by a procuring and disposing entity with the corresponding input, obligation or deliverables by a provider, in a specific identifiable and measurable manner;
- (c) provide effective supervision arrangements, where required;
- (d) provide adequate monitoring and cost control measures, where required;
- (e) include adequate and clear delivery, acceptance and handover or commissioning arrangements, where required; and
- (f) the procedure and right of the parties to terminate the contract.
- (2) A contract document shall be in accordance with the form of contract specified in the bidding document.

- (3) A person signing the contract shall initial all the pages of the contract.
- (4) At least three originals of the contract shall be produced and a procuring and disposing entity and a provider shall each get an original signed by both parties.

#### 11. Formation of a contract.

- (1) A procuring and disposing entity shall not enter into a contract until all the requirements of regulation 5 are complied with.
- (2) A contract shall be formed when the contract is signed and issued by a procuring and disposing entity.

## 12. Performance security.

- (1) A performance security shall be required to protect the procuring and disposing entity against non performance of a contract.
- (2) The bidding documents shall state the requirement for a performance security.
- (3) The amount of performance security shall be specified in guidelines issued by the Authority.
- (4) Notwithstanding subregulation (3), in the case of framework contracts, the performance security shall be equivalent to ten percent of the value of a call off order.
  - (5) A performance security shall be—
  - (a) in a format provided by the Authority and included in the bidding documents;
  - (b) in a form and from an institution that is acceptable to the Bank of Uganda in accordance with guidelines issued by the Authority; and
  - (c) valid for the period prescribed in the bidding documents.

- (6) Where a provider is required to provide a performance security, a bid security from that provider shall not be released until a satisfactory performance security is received and verified by the procuring and disposing entity and the contract is signed.
- (7) A performance security shall not be released by a procuring and disposing entity until all the obligations of the provider which are subject to the performance security are fulfilled.
- (8) A performance security may cover warranty obligations, if stated in the bidding documents.

## 13. Effecting the contract.

- (1) A contract shall become effective as specified in the contract, but may depend upon the fulfillment of one or more conditions, including—
  - (a) a procuring and disposing entity receiving a performance security;
  - (b) a procuring and disposing entity receiving an advance payment guarantee;
  - (c) a provider receiving an advance payment; or
  - (d) a provider receiving an acceptable letter of credit.
- (2) A procuring and disposing entity shall fulfill all its obligations when the contract becomes effective.
- (3) A procuring and disposing entity shall terminate a contract where a provider—
  - (a) fails or refuses to sign a contract without due cause;
  - (b) fails to provide the required performance security within the specified time; or
  - (c) fails to fulfill any other condition of the contract.

(4) Where a procuring and disposing entity cancels a procurement process or terminates a contract under subregulation (3), the procuring and disposing entity shall award the contract to the next best evaluated bidder.

#### PART III—TYPES OF CONTRACTS.

#### 14. Choice of contract.

- (1) A procuring and disposing entity shall, determine the contract type appropriate for a procurement or disposal after taking into account—
  - (a) the nature of the procurement or disposal requirement;
  - (b) the need to minimise risk for a procuring and disposing entity;
  - (c) the need to maximise value for money for a procuring and disposing entity;
  - (d) the likelihood of any delays or unforeseen circumstances requiring contract extensions, or variations of change of orders; and
  - (e) the need for effective contract management and cost control.
- (2) A procuring and disposing entity shall use any of the types contracts specified in this Part and may for that purpose combine more than one types of contract.

## 15. Lump sum contract

- (1) A lump sum contract shall include fixed price determined in accordance with these Regulations.
  - (2) A lump sum contract shall include interim or stage payments.
- (3) Payment for a lump sum contract shall be linked to clearly specified outputs or deliverables, which include—
  - (a) deliveries of supplies, evidenced by the appropriate delivery documentation;

- (b) reports;
- (c) drawings;
- (d) bills of quantities;
- (e) activity schedules; and
- (f) any other outputs or deliverables appropriate to a contract.

#### 16. Time-based contract.

- (1) Payment for a time-based contract shall be based on agreed hourly, daily, weekly, or monthly fees for nominated personnel or a certain type or grade of personnel and reimbursable items using actual expenses or agreed unit prices.
- (2) Payment rates for personnel shall include salary, social costs, overhead costs, fee or profit and, special allowances.
  - (3) Reimbursable items include—
  - (a) subsistence, such as per diem or housing;
  - (b) transport, which may be international or local;
  - (c) monies for mobilisation and demobilisation;
  - (d) services and equipment such as vehicles, office equipment, furniture and supplies;
  - (e) office rent;
  - (f) insurance;
  - (g) printing of documents;
  - (h) surveys;
  - (i) training, if it is a major component of the assignment; and
  - (j) any other appropriate items.

- (4) A time-based contract shall include a maximum amount of total payments to be made including any contingency allowance for unforeseen work and duration.
  - (5) A time-based contract shall include interim or stage payments.

#### 17. Admeasurement contract.

- (1) Under an admeasurement contract, works shall be split into various items and the quantity of each item needed to complete the assignment shall be estimated and indicated in the bidding document.
- (2) A bidder shall price each work item by indicating a unit rate for each item in the bill of quantities.
- (3) The initial total contract price shall be calculated by multiplying the unit rate by the estimated quantity to give a total for each item, and then calculating the sum of the line item totals.
- (4) The actual work done shall be measured during the performance of the contract and shall be finally reconciled upon completion of the contract.
- (5) Payment shall be made for the actual quantity of work performed.
- (6) An admeasurement contract shall include fixed prices or price adjustment.
- (7) An admeasurement contract shall include interim or stage payments.

#### 18. Framework contract.

- (1) Under a framework contract, a bidder shall indicate the unit rate for each item.
- (2) A procuring and disposing entity shall indicate the estimated quantity or value of a procurement where this is possible or necessary to obtain competitive bids, but shall not make a commitment to purchase the full quantity or value.

- (3) Notwithstanding subregulation (2), a procuring and disposing entity shall make a commitment to purchase a minimum quantity or value or to purchase all similar requirements from a successful bidder, where this is necessary or preferable in order to obtain competitive prices.
- (4) A framework contract shall state the arrangements for obtaining specific requirements during the period of the contract, using placement of "call-off" or delivery orders where appropriate.
- (5) Payment shall be made on the basis of the works, services or supplies actually delivered or performed.
- (6) A framework contract shall include fixed prices or price adjustment.

## 19. Percentage based contract.

- (1) A percentage based contract shall clearly define the total cost from which the percentage is to be calculated.
- (2) A bidder shall be required to indicate the fee rate as a percentage of the total cost of the procurement requirement.
  - (3) A percentage contract shall include—
  - (a) a fixed target cost;
  - (b) the minimum or maximum fees;
  - (c) sliding scales of the fees, related to the value of the subject of the contract; or
  - (d) incentive fees, related to any savings made through economic design, discounts obtained, cost reductions or similar fees.

#### 20. Cost reimbursable contract.

Under a cost reimbursable contract, a procuring and disposing entity shall pay a provider—

- (a) for the actual cost of the works, evidenced by receipts and other appropriate documentation; and
- (b) a fee or profit to be agreed upon and specified in the contract.

## 21. Target price contract.

Under a target price contract, a procuring and disposing entity shall pay the provider for the actual cost of the works, evidenced by receipts and other appropriate documentation and a fee, profit or agreed percentage of any cost savings below the target price.

#### 22. Retainer contract.

Payment for a retainer contract shall include a flat fee—

- (a) which represents the total payment due, irrespective of the level and amount of services provided during the prescribed period; or
- (b) as a retainer for the prescribed period plus a pre-agreed unit rate for services provided.

#### 23. Success fee contract.

- (1) Payment for a success fee contract, shall be a—
- (a) pre-agreed amount linked to the successful completion of a target or event;
- (b) percentage of a predetermined amount or proceeds; or
- (c) a basic flat rate, which is not linked to the successful completion of a particular task, event or action.
- (2) A success fee contract shall describe the nature of the success to which a success fee shall be applicable and the timescale in which the task, event or action shall be achieved.

## Contracts for supplies

## 24. Types of contracts for supplies.

- (1) A procuring and disposing entity shall use a lump sum contract for supplies where the specification, required quantity and delivery schedule of a contract are known.
- (2) A procuring and disposing entity shall use framework contract for supplies—
  - (a) which are needed repeatedly or continuously over a period of time, including stationery, office supplies, food stuffs and spare parts;
  - (b) where there are logistical and procurement reasons for having the requirement available on a call off basis; or
  - (c) where the arrangement would reduce procurement costs or lead times.
- (3) A procuring and disposing entity shall obtain the consent of the Authority to procure supplies using another type of contract other than the ones stated in this regulation.

## 25. Scope of contracts for supplies.

A contract for supplies shall clearly indicate the scope of the responsibilities of a provider under the contract, which may include—

- (a) supply and delivery of supplies, in accordance with the specified INCOTERM;
- (b) installation and commissioning of supplies;
- (c) training in use, maintenance or repair of the supplies; and
- (d) provision of after-sales services, including the supply and delivery of consumables and spare parts and servicing, maintenance, repair, calibration and modification of equipment.

## 26. Delivery terms.

- (1) Delivery terms for supplies shall be in accordance with the INCOTERMS.
- (2) A contract shall specify the INCOTERMS to be used for delivery.

## 27. Freight and delivery.

- (1) The freight and delivery requirements for each procurement requirement shall be specified in the bidding documents by stating the delivery terms using the appropriate INCOTERMS.
- (2) A contract shall state the required mode of transportation and freight.
- (3) A procuring and disposing entity shall state its address clearly as the consignee address.

## 28. Packing, packaging, marking and labeling.

- (1) A procuring and disposing entity shall state in the contract, the minimum packing and packaging criteria and the requirements for labeling and marking of packages, where applicable.
- (2) A procuring and disposing entity shall state in the contract, that packing standards shall withstand rough handling, storage and protection against the effects of moisture, where applicable.

## 29. Insurance for supplies.

- (1) A procuring and disposing entity shall specify in the contract the required level of insurance against loss, damage and theft.
- (2) A procuring and disposing entity shall state in the contract whether a bidder is required to arrange insurance and shall include the cost of insurance using the appropriate INCOTERM.
- (3) Where a provider is required to arrange insurance in the name of a procuring and disposing entity, the bidding documents and contract shall state that the minimum insurance coverage shall be one hundred and ten percent of the delivered cost, covering Institute of Cargo Clauses (A), including "all risks" "warehouse to warehouse", "strikes", "war" and "civil commotion".

## 30. Export and import licences.

- (1) A procuring and disposing entity shall specify in the contract the responsibility for export and import licences, or similar documentation or formalities, using the appropriate INCOTERMS.
- (2) Where a procuring and disposing entity wishes to vary the provisions of INCOTERMS, the revised provisions shall be clearly stated in the contract.
- (3) A procuring and disposing entity shall state in the contract that each party shall provide assistance to the other, to obtain the necessary export or import licences.

## 31. Inspection and testing for supplies.

- (1) A contract for supplies shall specify whether a procuring or disposing entity may inspect or test supplies during manufacture, prior to shipment, on delivery or prior to acceptance, in order to verify their technical quality, quantity, packaging or any other detail.
- (2) Inspection and testing shall include an independent technical inspection or testing conducted under the internal quality control procedures of the provider.
  - (3) The requirement for inspection shall take into account—
  - (a) the technical complexity of the supplies;
  - (b) the quantity and value of the supplies;
  - (c) the estimated cost, delay or other effect of receiving the wrong quantity or sub-standard or damaged supplies to a procuring and disposing entity;
  - (d) the cost of inspection; and
  - (e) the internal quality control procedures of the provider.
  - (4) Where inspection is required, the contract shall indicate—

- (a) the type of inspection or test to be performed and the standards to be met;
- (b) the location where the inspection or test is to be performed;
- (c) the person to carry out the inspection or test;
- (d) when inspection or testing is to be performed;
- (e) the notification or documentation required from a provider;
- (f) the party to pay for the cost of the inspection, including the cost of facilities, labour, apparatus and materials and whether the cost should be included in the bid;
- (g) that samples required for inspection shall be provided at no additional cost;
- (h) the arrangement and cost for any re-inspection required; and
- (i) any other relevant details.
- (5) A contract shall describe the obligations and responsibilities of the provider relating to inspection.
- (6) Where a third party provider is required to inspect supplies, the services shall be contracted following the appropriate procurement method and rules for the procurement of services.
- (7) Where inspection or testing consists of the internal quality control procedures of the provider, the procuring and disposing entity may, if so specified in the contract, send a representative to witness the internal tests or request copies of the reports from the tests.

## Contracts for non-consultancy services

## 32. Types of contracts for non-consultancy services.

(1) A procuring and disposing entity shall use a lump sum contract for non-consultancy services where the terms of reference and the required input or period of performance of a contract, are known.

- (2) A procuring and disposing entity shall use a framework contract for non-consultancy services—
  - (a) where there is a need to have non-consultancy services "on call" and the extent and timing of the requirement including repairs and servicing of equipment cannot be defined in advance; or
  - (b) for non-consultancy services, which are needed repeatedly or continuously over a period of time and having the requirements available on a "call off" basis would reduce procurement costs or lead times.

## 33. Insurance and indemnity for non-consultancy services.

- (1) A procuring and disposing entity shall ascertain that—
- (a) all procurement requirements for non-consultancy services are adequately and appropriately indemnified against—
  - (i) damage, loss or injury to person or property arising from the services provided; and
  - (ii) any actions, suits, claims, demands, costs and expenses occasioned by negligent or breach of statutory duty by a provider; and
- (b) a provider maintains adequate professional liability and insurance coverage against negligent performance.
- (2) A procuring and disposing entity shall state in the bidding documents and contract, the insurance and indemnity required for procurement for services and shall require a bidder to include the costs of the insurance and indemnity in the bid.
- (3) A procuring and disposing entity shall take out the insurance required by law and any other appropriate insurance.

## 34. Property for non-consultancy contracts.

A procuring and disposing entity shall specify, in a contract for non-consultancy services—

- (a) the ownership of all property purchased, produced, developed or used during implementation of the contract;
- (b) the obligations of a provider regarding the custody and care of property of the procuring and disposing entity, occupied or used during implementation of a contract;
- (c) arrangements for temporary handover and return of all property of a procuring and disposing entity occupied or used during implementation of a contract; and
- (d) arrangements for the handover, if appropriate, of all property purchased during implementation of a contract.

## Contracts for works

## 35. Types of contracts for works.

- (1) A procuring and disposing entity shall use a lump sum contract for buildings and other forms of construction where the works are well defined and are unlikely to change in quantity or specification, and where encountering difficult or unforeseen site conditions, such as hidden foundation problems, is unlikely.
- (2) A procuring and disposing entity shall use an admeasurement contract for buildings and other forms of construction where the works are not well defined or are likely to change in quantity or specification, and where encountering difficult or unforeseen site conditions, such as hidden foundation problems, is likely.
- (3) A procuring and disposing entity shall use a framework contract where the quantity of works is not defined and where—
  - (a) there is a need to have works "on call" and the extent and timing of the requirement cannot be defined in advance; or

- (b) requirements are needed repeatedly or continuously over a period of time and having the requirement available on a "call off" basis would reduce procurement costs or lead times.
- (4) A procuring and disposing entity shall use a cost reimbursable contract—
  - (a) for emergency works, where there is insufficient time to calculate the full costs involved; or
  - (b) for high risk works, where it is more economical for a procuring and disposing entity to bear the risk of price variations than to pay a provider to accept the risk or where a provider does not accept the risk.
- (5) A procuring and disposing entity shall use a target price contract where—
  - (a) a target price is agreed; and
  - (b) cost savings may be achieved by offering an incentive payment to a provider for any cost savings below the target price.
- (6) A procuring and disposing entity shall obtain the consent of the Authority to use another type of contract for works, other than the ones specified in this regulation.

## 36. Scope of contracts for works.

- (1) A contract for works shall clearly indicate the scope of work and the responsibility for the design.
  - (2) A contract for works may be—
  - (a) a standard contract, where the works are fully designed by a procuring and disposing entity or a consultant prior to bidding and a provider is responsible for construction only;

- (b) a design and build contract, where a provider is responsible for the design and construction of the works based on the parameters of a procuring and disposing entity; or
- (c) a turnkey contract, where a provider is responsible for the design, engineering, supply, installation of equipment and the complete construction, based on the performance specifications of a procuring and disposing entity, except where a procuring and disposing entity is responsible for the design and engineering, and invites bids for a single contract for the supply and installation of all the works and supplies required for the project component.
- (3) A procuring and disposing entity shall use a management contracting contract where appropriate, subject to the regulations governing the procurement of services.
- (4) A procuring and disposing entity shall obtain the consent of the Authority to use a contract for works, whose scope is outside this regulation.

## 37. Insurance and indemnity for works.

- (1) A procuring and disposing entity shall ascertain that all procurement requirements for works are adequately and appropriately insured, from the commencement of the works to the end of the defects liability period, for events which are due to the risks of a provider, including—
  - (a) loss of or damage to the works, plant, materials, equipment, property; and
  - (b) personal injury or death.
- (2) Insurance shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred

(3) A procuring and disposing entity shall state the insurance required in the bidding documents and the contract and shall require a bidder to include the costs of insurance in the bid.

## 38. Property for works contracts.

A contract for works shall clearly state—

- (a) the procedure for the transfer of the completed works to a procuring and disposing entity, including the transfer of title and the documentation of the transfer;
- (b) the ownership of the property on site during the implementation of a contract;
- (c) the obligations of a provider in relation to the custody and care of the property of a procuring and disposing entity, occupied or used during the implementation of a contract; and
- (d) arrangements for the temporary handover and return of all property of a procuring and disposing entity, occupied or used during the implementation of the contract.

PART IV—CONTRACT PRICING AND PAYMENT.

## 39. Contract pricing.

- (1) A procuring and disposing entity shall place a contract based on fixed prices, for a procurement requirement that is to be completed within eighteen months from the placement of the contract.
- (2) Notwithstanding subregulation (1), a contract for a requirement that is to be completed within eighteen months shall provide for price adjustment in the case of—
  - (a) rapidly rising prices; or
  - (b) significant price fluctuations in the case of imported goods due to the changes in foreign currency.

- (3) For the purposes of subregulation (2), the submission to the contracts committee shall include the justification for recommending the price adjustment.
- (4) A procuring and disposing entity shall place a contract with price adjustment provisions for a procurement requirement that will not be completed within eighteen months from the placement of a contract.
- (5) The Authority shall provide a procuring and disposing entity with advice on internationally accepted practices, in relation to price adjustment for differing procurement requirements.

## 40. Application of price adjustment.

- (1) A procuring and disposing entity shall include a price adjustment provision in a contract extending beyond eighteen months, where it is more economical for a procuring and disposing entity to accept the inflation risk than to pay an additional cost for the supplier to accept the risk.
- (2) Where a price adjustment provision is included in a contract, the method for calculating adjustments, and any restrictions or conditions on adjustments, shall be clearly stated in the bidding documents and in the contract.
- (3) A price adjustment shall be calculated using a predefined formula, which shall separate the total price into components, such as labour, equipment, materials, and fuel, adjusted by price indices specified for each component.
- (4) Where the payment currency is different from the currency of the source of the input and corresponding index, a correction factor shall also be applied in the formula, to avoid incorrect adjustment.
- (5) The formula, price indices, correction factors and base date for application shall be clearly stated in the bidding documents and in the contract.

- (6) The formula and price indices shall be appropriate to the type of procurement and source of the inputs and shall use industry standards wherever possible.
- (7) Where there is an industry standard or where an appropriate formula is not available, a procuring and disposing entity shall use the sample formula in Schedule 1.

## 41. Payment terms.

- (1) A contract shall specify the payment terms to apply to the contract, including—
  - (a) the payment method;
  - (b) the payment structure;
  - (c) the payment documents;
  - (d) the payment period; and
  - (e) the currency of the payment.
- (2) Where a bidder proposes alternative payment terms, the bidder shall include the full cost of the terms in the bid price.

## 42. Payment method.

- (1) A procuring and disposing entity shall agree with a provider on the method of payment for a contract.
- (2) The method of payment shall be comprehensively defined in a contract and shall indicate the person to pay any costs associated with the agreed method.

## 43. Payment structure.

- (1) A procuring and disposing entity shall state in the contract, the structure of the payment to be made.
- (2) The payment structure and amount of payment for each procurement requirement shall be determined by best practices.

- (3) The amount of payment shall be proportionate to the required output or deliverables.
  - (4) A payment structure may include—
  - (a) advance payments;
  - (b) stage payments, which shall be linked to specific deliverables or milestones and which may be stated in percentage terms of the defined amount or in specific amounts;
  - (c) regular interim payments, which shall be based on general progress or the work performed and may relate to a specified time period or a measurement of work performed;
  - (d) a retained payment, which shall be linked to a specific contract event, such as installation or warranty.
- (5) The payment structure shall be proportionate to the output or deliverables specified under subregulation (4) (b) and (c).

## 44. Advance payment.

- (1) A procuring and disposing entity may make an advance payment for—
  - (a) mobilisation or start up costs for the provision of works or services; or
  - (b) the provision of supplies, such as items that have to be specially or custom manufactured.
- (2) Where an advance payment is consistent with best practices, an advance payment security specified in regulation 47, shall be required and the requirement for a payment security shall be stated in the bidding documents and in the contract.

- (3) A procuring and disposing entity shall not make an advance payment exceeding thirty percent of the contract price.
  - (4) An advance payment shall be—
  - (a) recovered from subsequent interim payments made to a provider, which shall be subject to a percentage deduction equal to the percentage paid as advance payment; or
  - (b) specified as a particular milestone for stage payments.

## 45. Interim or stage payment.

- (1) Where an interim or stage payment is permitted, a procuring and disposing entity shall comply with the following conditions—
  - (a) the payment shall be linked to specific and verifiable deliverables, contract event, time period, or work which should be stated in the bidding documents and the resulting contract;
  - (b) individual payments shall not exceed the cost or value of the deliverable, period or work to which the payment relates; and
  - (c) the procuring and disposing entity shall require the provision of a payment security if, during the delivery of the works, services or supplies, risk or title remains with the provider.
- (2) Where a payment security is required under subregulation (1)(c), a procuring and disposing entity shall comply with regulation 47.

## 46. Retained payment.

- (1) A procuring and disposing entity shall determine the works or services for which payment may be retained and state in the contract—
  - (a) the percentage or amount of the total contract value to be retained;

- (b) the period or the event at which the retention is to be released; and
- (c) the documents that shall prove or certify the period or event relating to the release.
- (2) A provider may be permitted to substitute a payment security for a retained payment, in accordance with these Regulations.

## 47. Payment security.

- (1) Payment shall not be made to a provider under a contract for works, services or supplies, without receipt of the deliverables specified in the contract.
- (2) Notwithstanding subregulation (1), payment shall be made to a provider before receipt of deliverables specified in the contract, after obtaining an appropriate payment security.
- (3) The bidding documents and contract shall state the requirement for a payment security.
  - (4) A payment security shall—
  - (a) be in a format provided by the Authority which shall be included in the bidding documents;
  - (b) be in a form and from an institution that is acceptable to the Bank of Uganda;
  - (c) be valid for a prescribed period beyond the expected final date of completion of a contract or expected release date; and
  - (d) where appropriate, allow for the progressive reduction of the secured sum, where a successive payment is released against the secured sum.
- (5) The period in subregulation (4)(c) shall be determined taking into account the circumstances of a procurement requirement and the likelihood of extensions or delays to the final completion date.

- (6) The validity period for a payment security for procurement for works shall be for three to six months after the final expected transaction date.
- (7) The validity period for a payment security for procurement for services or supplies shall be for one to three months after the final expected transaction date.
- (8) A payment security shall be released by a procuring and disposing entity upon the expiry of the term of the security or upon the reduction of the secured sum to zero, whichever is later.
- (9) The proposed release of a payment security shall be communicated to a provider and returned in accordance with the instructions of the provider.

## 48. Payment documents.

- (1) A procuring and disposing entity shall clearly state in the contract, the documents against which each payment shall be made.
- (2) A payment document shall include a document certifying or proving—
  - (a) the delivery or receipt of the works, services or supplies in accordance with the terms of the contract:
  - (b) the content of the consignments delivered;
  - (c) the insurance coverage of the delivered items;
  - (d) the successful inspection of the delivered items;
  - (e) the origin or eligibility of the delivered items;
  - (f) payment of costs specified in a contract, such as duties, levies or taxes that may be due and payable by a provider on the delivered items;

- (g) the acceptance of installation or commissioning of the delivered items by a user;
- (h) the receipt or acceptance of reports, manuals, guides, or other documents;
- (i) the actual time period worked;
- (j) the actual works or services completed;
- (k) the payment of sums due to sub-contractors; or
- (l) the actual sums paid for reimbursable costs, such as air tickets.
- (3) A payment request from a provider shall require an original invoice from the provider certifying the payment due.

# 49. Payment to a provider.

- (1) The payment for any sum of money due under a contract shall only be made in the name of the provider stated in the contract.
- (2) The payment shall not be made to any person other than a provider, unless the provider requests and confirms in writing the details of the recipient of the payment.
- (3) The period for payment shall be thirty days from certification of invoices, except where this is varied in the special conditions of contract.
  - (4) Payment shall be made in the currency stated in the contract.

# 50. Delays in payment.

(1) Where a payment request contains errors or discrepancies or is supported by incorrect or incomplete documentation or is not in accordance with the terms of a contract, the payment request shall not be certified and shall be returned to the provider, specifying the reasons for the rejection.

- (2) A provider whose payment request is rejected shall be entitled to present a new or amended payment request, which shall be treated as the original payment request.
- (3) Notwithstanding subregulation (1), where a procuring and disposing entity queries any part of a payment invoice from a provider, the procuring and disposing entity shall pay the unchallenged portion of the invoice to the provider.

#### PART V—CONTRACT MANAGEMENT

# 51. Contract management

- (1) The accounting officer or a person appointed by the accounting officer from the user department, shall manage the contract.
- (2) The procurement and disposal unit shall provide a copy of the contract to the person appointed by the accounting officer to manage the contract.
- (3) Upon receipt of a contract, the contract manager shall prepare a contract management plan using Form 49 in Schedule 2, and forward a copy to the to the procurement and disposal unit for purposes of monitoring.
- (4) Where a contract manager or user department has any reservation or difficulty with the terms or conditions of the contract, the contract manager shall discuss and resolve the reservation or difficulty with the procurement and disposal unit.

### 52. Appointment of contract manager.

- (1) A user department shall nominate to the accounting officer, a member of the user department, with appropriate skills and experience, or who is supervised by a member of the user department who has the appropriate skills and experience, to be appointed as contract manager.
- (2) Where a contract is of high value or is complex or forms part of a larger project, the accounting officer shall assign the contract to a contract management team, which shall have the same responsibilities as a contract manager.

(3) A contract may be managed by a body or person outside the procuring and disposing entity, supervised by the user department.

# 53. Responsibilities of contract manager.

- (1) A contract manager shall—
- (a) manage the obligations and duties of the procuring and disposing entity specified in the contract; and
- (b) make certain that the provider performs the contract in accordance with the terms and conditions specified in the contract.
- (2) In the case of a time-based contract, the contract manager shall closely monitor the progress of the contract and ascertain that the payments claimed by the provider are appropriate and in accordance with the contract terms.
- (3) For the purposes of subregulation (1), a contract manager shall—

# (a) ascertain that—

- (i) a provider meets all performance or delivery obligations in accordance with the terms and conditions of a contract;
- (ii) a provider submits all the required documentation in accordance with the terms and conditions of a contract;
- (iii) a procuring and disposing entity meets all the payment and other obligations in accordance with the terms and conditions of a contract;
- (iv) there is adequate cost, quality and time control, where appropriate;
- (v) there is compliance with the Act, these Regulations, guidelines and best practices;

- (vi) all contract obligations are complete before closing the contract file; and
- (vii) all contract management records are kept and archived as required;
- (b) issue any required variations or change orders, in accordance with the terms and conditions of a contract;
- (c) provide full details of a required contract amendment to the procurement and disposal unit and obtain the approval of the contracts committee before issuing any amendment;
- (d) Manage the handover or acceptance procedures;
- (e) provide full details of any proposed termination of a contract to the procurement and disposal unit and obtain the approval of the accounting officer prior to termination;
- (f) appraise the performance of the provider and report on the performance of the provider to the procurement and disposal unit; and
- (g) submit a monthly report on the progress or completion of the contract to the accounting officer and give a copy to the procurement and disposal unit.
- (4) The procurement and disposal unit shall every three months prepare and submit to the accounting officer a report on all contracts signed by the procuring and disposing entity, highlighting the problems encountered in managing the contracts.

# 54. Change orders to contracts.

(1) Subject to subregulation (2), a procuring and disposing entity may at any time after signing the contract issue a change order to the provider, in accordance with the contract, requiring the provider to make changes within the general scope of the contract in—

- (a) the drawings, designs, or specifications;
- (b) the method of shipment or packing;
- (c) the place of delivery;
- (d) time of performance or duration of the contract; or
- (d) the related services to be provided by the provider.
- (2) A procuring and disposing entity shall not issue a change order under this regulation which increases the cost of the contract beyond 0.1 percent in the case of a single change or 1 percent in the case of cumulative change orders, of the original contract price.
  - (3) A change order shall be issued by the contract manager.
- (4) A change order shall not be issued to the provider without the approval of the accounting officer.

#### 55. Contract amendment.

- (1) A change in the contract which increases the price of the original contract beyond 0.1% in the case of a single change or 1% cumulatively shall be effected by amending the contract.
- (2) The price to be charged by a provider for any related services that might be needed but which were not included in the contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the provider for similar services.
- (3) Notwithstanding subregulation (2) a contract amendment for additional quantities of the same items shall use the same or lower unit prices as the original contract.
- (4) A single contract amendment shall not increase the total contract price by more than fifteen percent of the original contract price.

- (5) Where a contract is amended more than once, the cumulative value of all contract amendments shall not increase the total contract price by more than 25 percent of the original contract price.
- (6) A contract amendment shall not be issued to a provider without—
  - (a) commitment of the full amount of funding of the amended contract price over the required period of the revised contract;
  - (b) obtaining approval from the contracts committee; and
  - (c) obtaining approval from other concerned bodies including the Attorney General.
- (7) The approval of the other concerned bodies including the Attorney General required under subregulation (6) shall be obtained after approval of the amendment by the contracts committee.

#### 56. Termination of contract.

- (1) Where the contract manager or a procurement and disposal unit is satisfied that a contract should be terminated, the contract manager or the procurement and disposal unit shall submit a recommendation for termination with a copy of the contract to the accounting officer.
  - (2) A recommendation for termination of a contract shall state—
  - (a) the name of a provider and the procurement reference number;
  - (b) reasons for the termination;
  - (c) the actions taken to avoid termination, where applicable;
  - (d) the contractual grounds for the termination;
  - (e) the costs, if any, resulting from the termination; and
  - (f) any other relevant information.

- (3) The decision to terminate a contract shall be taken by the accounting officer, after consulting the Attorney General.
- (4) Where a contract is terminated, a procuring and disposing entity shall, where appropriate, inform the Authority of the provider involved, the reasons for the termination and recommend the suspension of the provider.

*Regulation 40(7)* 

#### PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

#### SAMPLE PRICE ADJUSTMENT FORMULA

Prices payable to the provider, as stated in the contract, shall be subject to adjustment during performance of the contract to reflect changes in the cost of labour and material components in accordance with the formula:

$$\Delta P = P_0 \left( a + b \frac{L_1}{L_0} + c \frac{M_1}{M_0} \right) - P_0$$

in which:

 $\Delta P$  = adjustment amount payable to the provider.

 $P_0$  = contract price (base price).

a = fixed element representing profits and overheads included in the contract price and generally in the range of five (5)

to fifteen (15) percent.

b = estimated percentage of labour component in the contract price.

c = estimated percentage of material component in the contract price.

 $L_0, L_1$  = labour indices applicable to the appropriate industry in the country of origin on the base date and date for adjustment, respectively.

 $M_0$ ,  $M_1$  = material indices for the major raw material on the base date and date for adjustment, respectively, in the country of origin.

The coefficients a, b, and c shall be specified by the procuring and disposing entity in the bidding documents. The sum of the three coefficients should be one (1) in every application of the formula.

The bidder shall indicate the source of the indices and the base date indices in his bid.

Base date = thirty (30) days prior to the deadline for submissi	ion of the bids.
Date of adjustment =weeks prior to da (representing the mid-point of the period of manufacture).	ate of shipment
The above anion adjustment formula shall be involved by sithe	an mantri auhiaat ta

The above price adjustment formula shall be invoked by either party subject to the following further conditions:

- (a) Price adjustment will be applied only if the resulting increase or decrease is more than \_\_\_\_\_ percent of the Contract Price.[Two (2) percent would be an acceptable percentage.]
- (b) No price adjustment shall be allowed beyond the original delivery dates unless specifically stated in the extension letter. As a rule, no price adjustment shall be allowed for periods of delay for which the provider is entirely responsible. The procuring and disposing entity will however be entitled to any decrease in the prices of the supplies and services subject to adjustment.
- (c) The total adjustment under this clause shall be subject to a ceiling of plus or minus \_\_ percent of the contract price.
  [Ten (10) percent would be an acceptable percentage.]
- (d) If the currency in which the contract price P<sub>0</sub> is expressed is different from the currency of origin of the labour and material indices, a correction factor will be applied to avoid incorrect adjustments of the contract price. The correction factor shall correspond to the ratio of exchange rates between the two currencies on the base date and the date for adjustment as defined above.

No price adjustment shall be payable on the portion of the contract price paid to the provider as advance payment.

## SCHEDULE 2

## **FORM**

## **FORM 49**

Regulation 51(3)

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS ACT, 2003

## **CONTRACT MANAGEMENT PLAN**

# PART I—SUPPLIES Procurement Reference Number

Code of Procuring and Disposing Entity	Sup	plies	Financial year	Sequence Number
Subject of procurement				
Provider				
Contract value				
1 Contract start date				
2. Delivery date				
3. Contract completion date if different from No. 2				
	Delive	erables		
Item			Quantity	

Contract start-up/mobilization and	guarantees (Where applicable)
Letter of credit issued, if applicable	
Darformana querentos	Amount:
Performance guarantee	Latest date for receipt:
Date of release of bid security	
Advance payment guarantee	Amount:
Advance payment guarantee	Latest date for receipt:
Release of guarantees	
Inspection (W	here applicable)
Point of inspection	
Inspection agency	
Point of delivery	
Acceptance/handover	
Contract progress	
Installation and commiss	sioning (Where applicable)
Installation date	
Commissioning date	
Interim or stage payments	See attached sheet
<b>Contract completion</b>	
Liquidated damages due if any	
Final payment	Amount
Timar payment	Date
Warranty/Guarante	ee (Where applicable)
Warranty/ guarantee start date	
Warranty/ guarantee expiry date	
Contract management plan prepare	d by:
Name:	Position
Signature	Date

# Schedule of Deliverables and Stage Payment Certificates for Multi Deliverable Contracts

Deliver able	Expected date	Actual date Submitted	Expected Amount	Actual Amount	Approval Date	Date of Invoice	Date of Payment	Interest due Y/N	Remarks
									Advance payment?
									Letter of credit?

Contract management plan prepared by: Contract Manager					
Name:	Position				
Signature	Date				

# Part II—Works

Procurement Reference Number					
Code of Procuring and Disposing Entity	Wo	orks Financial yea		Sequence Number	
Subject of procurement					
Provider					
Contract value					
Contract start date					
Contract end date (Start date + for completion)	time				
Site possession date to contractor					
Supervisor or the engineer					
Guarantees (Where applicable)					
Performance guarantee		Amoun	t:		
		Latest	date for receipt:		
Advance payment guarantee		Amoun	t:		
		Latest	date for receipt:		
Date of release of bid security					
Date of release of advance payme guarantee	ent				
Contract management plan pr	repare	d by:			
Name:	1	Position			
Signature	I	Date			

Contract Progress						
Interim or stage payments See attached sheet						
Contract Completion						
Date of taking over certificate	(Release of % of retention where applicable)					
Extension of time, if any						
Delay, if any						
Liquidated damages due, if any						
Date of performance certificate	(date of taking over certificate+ defects notification period and release of remaining % of retention)					
Return of performance security						
F' 1	Amount					
Final payment	Date					
Retentions (WA	nere applicable)					
The proportion of payments to be retained	percent] percent. [insert					
Defects Liability Peri	od (Where applicable)					
Defects liability period						
Contractual date of performance certificate	(Contract completion date + defects notification period)					

# Contract management plan prepared by:

Name:	Position
Signature	Date

# **Schedule of Interim Payment Certificates**

No	Expected date	Actual date Submitted	Expected Amount	Actual Amount	Date of Certification	Date of Invoice	Date of Payment	Interest due Y/N	Remarks
									Advance payment?
									Letter of Credit?
									First return of % of retention
									Return of remaining % of retention

Contract	management	plan	prepared	by:

Name:	Position
Signature	Date

# **Part III—Consultancy Services**

	Procurement Reference Number					
С			sultancy rvices	Financial year	Sequence number	
Subje	ect of procurement					
Provi	der					
Conti	act value					
Contract duration						
Contract start date						
Contr	act completion date					
		Deli	verables			
No	Deliverable		Date expected			

Payment Schedule (Where Applicable)					
Percentage payment	Deliverable	Amount to be paid	Amount outstanding on contract		
Lumpsum					
Time based					

Contract management plan prepared by:				
Name:	Position			
Signature	Date			

# **Part IV—Non-Consultancy Services**

		Procu	rement 1	Reference 1	Number	
PDI	E Code	Department		onsultancy rvices	Financial year	Sequence Number
Subje	Subject of Procurement					
Provider						
Contract Value						
Contract duration						
Contract start date						
Contract completion date						
Deliverables						
No	No Deliverable		Date expected			

Guarantees (Where applicable)					
Darformana quarantaa	Amount:				
Performance guarantee	Latest date for receipt:				
Date of release of bid security					
A dyongo noviment guerentee	Amount:				
Advance payment guarantee	Latest date for receipt:				
Installation and commissioning (Where applicable)					
Installation date					
Commissioning date					
Payment Schedule					
Interim/stage payments	Milestones				
Lumpsum					
Time based					
Contract completion					
Liquidated damages if any					
Final payment	Amount				
Timai payment	Date				
Contract management plan prepare	ed by:				
Name:	Docition				

MARIA KIWANUKA,

Minister of Finance, Planning and Economic Development.

Signature ...... Date ......

# STATUTORY INSTRUMENTS SUPPLEMENT No. 3

14th February, 2014

#### STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated 14th February, 2014 Printed by UPPC, Entebbe, by Order of the Government.

#### STATUTORY INSTRUMENTS

#### 2014 No. 15.

THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS (FORCE ACCOUNT MECHANISM) REGULATIONS, 2014.

#### ARRANGEMENT OF REGULATIONS

### Regulation

- 1. Title and Commencement.
- 2. Interpretation.
- 3. Determination of the costs of the force account mechanism
- 4. Procurement of equipment and supplies for the force account mechanism.
- 5. Appointment of supervisor.
- 6. Appointment of public officer to manage works using force account mechanism.

## S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 15.

# The Public Procurement and Disposal of Public Assets (Force Account Mechanism) Regulations, 2014.

(Made under sections 95A and 96 (1) of the Public Procurement and Disposal of Public Assets Act, 2003).

IN EXERCISE of the powers conferred upon the Minister responsible for finance by sections 95A and 96(1) of the Public Procurement and Disposal of Public Assets Act, 2003, on the recommendation of the Authority and with the approval of Parliament, these Regulations are made, this 6th day of February, 2014.

#### 1. Title and Commencement.

These Regulations may be cited as the Public Procurement and Disposal of Public Assets (Force Account Mechanism) Regulations, 2014.

(2) These Regulations shall come into force on the 3rd day of March, 2014.

# 2. Interpretation.

In these Regulations, unless the context otherwise requires—

- "Act" means the Public Procurement and Disposal of Public Assets Act, 2003;
- "competent authority" means a Government office which has the mandate to perform a specified function;
- "works" means any work associated with the construction, reconstruction, demolition, repair or renovation of a building or structure, on the surface or underground, on or under water.

## 3. Determination of the costs of the force account mechanism.

- (1) To determine that the direct, indirect and overhead costs to be incurred in using the force account mechanism are less than would be incurred if the assignment was executed by a contractor, as required by section 95 A (3) (b) of the Act, a procuring and disposing entity shall cost the indirect and overhead costs to be incurred using the force account, using the rates provided by a competent authority.
- (2) The indirect and overhead costs to be incurred by a procuring and disposing entity shall be compared with the cost that would be incurred if the assignment was executed by a contractor.
- (3) To determine that no contractor is willing to execute the assignment, as required by section 95A (4) of the Act, a procuring and disposing entity shall—
  - (a) make an assessment of previous similar procurements for works where no contractor was willing to execute a similar assignment for the procuring and disposing entity or for another procuring and disposing entity; or
  - (b) use the procuring and disposing entity's knowledge of the market.
- (4) For the purposes of this regulation, a procuring and disposing entity may request another procuring and disposing entity or a competent authority to cost the indirect or overhead costs.

# 4. Procurement of equipment and supplies for the force account mechanism.

The procuring and disposing entity shall procure the equipment and supplies required to undertake works using the force account mechanism using procurement rules and methods in the Act.

# 5. Appointment of supervisor.

- (1) For the purposes of these Regulations, an Accounting Officer shall, in writing, appoint a member of the procuring and disposing entity as supervisor, to supervise the works to be executed using these Regulations.
  - (2) The supervisor shall—
  - (a) approve the work plan;
  - (b) supervise the progress of the assignment;
  - (c) verify the works undertaken and the costs of the works; and
  - (d) issue performance and completion certificates in respect of the assignment.
- (3) The supervisor shall supervise the public officer appointed under regulation 6.
  - (4) The appointment shall indicate—
  - (a) the functions and powers of the supervisor;
  - (b) the duration of the assignment;
  - (c) the reporting mechanism between the supervisor and the Accounting Officer; and
  - (d) the facilitation to be given to the supervisor.
- (5) The supervisor shall submit to the Accounting Officer, progress reports and at the completion of the assignment, a final report.
- (6) For the purposes of this regulation, the Accounting Officer may with the approval of the Accounting Officer of another procuring and disposing entity, appoint a member of that procuring and disposing entity to perform the functions of supervisor, specified in this regulation.

# 6. Appointment of public officer to manage works using force account mechanism.

- (1) The Accounting Officer shall appoint a public officer from the procuring and disposing entity to manage works executed using the force account mechanism.
- (2) The public officer appointed under this regulation shall manage the works and the personnel to be used in the execution of the works and shall be responsible for the equipment to be used.
  - (3) The appointment shall indicate—
  - (a) the scope of works to be carried out by the public officer;
  - (b) the powers of the public officer to be exercised in the execution of the works;
  - (c) the equipment to be used for the works;
  - (d) the personnel of the procuring and disposing entity to be engaged in the works;
  - (e) the duration of the works to be executed;
  - (f) where applicable, the personnel and equipment of another procuring and disposing entity to be used;
  - (g) the direct, indirect and overhead costs projected for the works; and
  - (h) any facilitation to be given to the public officer.
- (4) The public officer appointed under this regulation shall, prepare a work plan for the execution of the works, for the approval of the supervisor.

- (5) The public officer shall—
- (a) fill a daily work sheet to indicate the works executed;
- (b) submit monthly reports to the supervisor; and
- (c) submit a report on the assignment at its completion, including the daily work sheets filled under paragraph (a), to the supervisor.
- (6) For the purposes of this regulation, the Accounting Officer may request another procuring and disposing entity to perform the functions of the public officer specified in this regulation.

MARIA KIWANUKA,

Minister of Finance, Planning and Economic Development.

# STATUTORY INSTRUMENTS SUPPLEMENT No. 3

14th February, 2014

#### STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated 14th February, 2014 Printed by UPPC, Entebbe, by Order of the Government.

#### S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 16.

# THE PUBLIC PROCUREMENT AND DISPOSAL OF PUBLIC ASSETS (ADMINISTRATIVE REVIEW) REGULATIONS, 2014.

#### ARRANGEMENT OF REGULATIONS.

# Regulation.

- Title and commencement.
- 2. Application.
- 3. Interpretation.
- 4. Complaints to Accounting Officer.
- 5. Review by the Accounting Officer.
- 6. Dismissal of complaint by Accounting Officer.
- 7. Complaints to the Authority.
- 8. Review by the Authority.
- 9. Dismissal of complaints by the Authority.
- 10. Appeal to the Tribunal.
- 11. Fees for administrative review.

#### **SCHEDULE**

Fees for administrative review.

## S T A T U T O R Y I N S T R U M E N T S

#### 2014 No. 16.

# The Public Procurement and Disposal of Public Assets (Administrative Review) Regulations, 2014.

(Made under section 96(1) of the Public Procurement and Disposal of Public Assets Act, 2003, Act No 1 of 2003).

IN EXERCISE of the powers conferred upon the Minister responsible for finance by section 96(1) of the Public Procurement and Disposal of Public Assets Act, 2003, on the recommendation of the Authority and with the approval of Parliament, these Regulations are made, this 6th day of February, 2014.

#### 1. Title and Commencement.

- (1) These Regulations may be cited as the Public Procurement and Disposal of Public Assets (Administrative Review) Regulations, 2014.
- (2) These Regulations shall come into force on the 3rd day of March, 2014.

# 2. Application.

These Regulations shall not apply where a procuring and disposing entity has entered into a contract, for procurement or disposal, with a bidder.

# 3. Interpretation.

In these Regulations, unless the context otherwise requires—

- "Act" means the Public Procurement and Disposal of Public Assets Act, 2003;
- "bidder" means a physical or artificial person intending to participate or who is participating in a procurement or disposal process with a procuring and disposing entity.

# 4. Complaint to Accounting Officer.

(1) A bidder who is aggrieved by a decision of a procuring and disposing entity shall make a complaint to the Accounting Officer.

- (2) The complaint made under subregulation(1) shall indicate—
- (a) the name and contact details of the bidder or the person representing the bidder;
- (b) the procurement or disposal requirement to which the complaint relates;
- (c) the substantive and factual grounds of the complaint, including—
  - (i) the provision of the Act or regulations made under the Act which are the subject of the breach or omission by the procuring and disposing entity; and
  - (ii) where known, the names of the person involved in the subject of the complaint, the events and the facts that constitute the complaint;
- (d) the corrective measures requested by the bidder;
- (e) the documentary evidence and any other evidence, relevant to the complaint, that is in the possession of the bidder; and
- (f) any other information relevant to the complaint.

### 5. Review by the Accounting Officer.

The Accounting Officer shall investigate a complaint filed under regulation 4 by considering—

- (a) the information and evidence contained in the complaint;
- (b) the records of the procurement or disposal, kept by the procuring and disposing entity;
- (c) information provided by the staff of the procuring and disposing entity, if any;
- (d) where appropriate, information provided by other bidders; and
- (e) any other relevant information.

# 6. Dismissal of complaint by Accounting Officer.

(1) An Accounting Officer shall not investigate a complaint where—

- (a) the complaint does not fulfill the requirement of regulation 4 and section 90(1a) of the Act;
- (b) the complainant is not a bidder in respect of the procurement or disposal proceeding for which the complaint is made;
- (c) a complaint is not in respect of any procurement or disposal proceeding; or
- (d) the complaint is not in respect of an omission or breach by the procuring and disposing entity, of the Act, regulations made under the Act, guidelines issued under the Act or a provision of a solicitation document.
- (2) A complaint that does not fulfill the requirements of subregulation (1) shall be dismissed by the Accounting Officer without investigation.
- (3) Where the Accounting Officer dismisses a complaint, the Accounting Officer shall in writing notify the bidder of the dismissal.
- (4) A bidder who is aggrieved by a decision of the Accounting Officer made under subregulation (3), may within ten working days from the receipt of the notification from the Accounting Officer, make a complaint to the Authority.

# 7. Complaints to the Authority.

- (1) A complaint to the Authority shall be in writing, addressed to the Executive Director of the Authority.
  - (2) A complaint shall—
  - (a) indicate the name and contact details of the bidder or the person representing the bidder;
  - (b) indicate the procuring and disposing entity against which the complaint is made;
  - (c) indicate the procurement or disposal requirement to which the complaint relates;
  - (d) indicate the complaint made to the Accounting Officer;

- (e) include a record of the correspondences regarding the complaint, between the Accounting Officer and the bidder;
- (f) indicate the grounds of the complaint;
- (g) indicate the corrective measures requested for by the bidder from the Authority; and
- (h) provide any other information relevant to the complaint.

# 8. Review by the Authority.

- (1) The Authority shall, where a complaint is filed under regulation 7, immediately—
  - (a) notify the procuring and disposing entity of the complaint; and
  - (b) suspend the procurement or disposal proceedings.
- (2) The Authority shall request the procuring and disposing entity to provide the records of the procurement or disposal process and shall institute an investigation into the complaint.
- (3) The Authority shall, in carrying out an investigation under subregulation (2) consider—
  - (a) the information and evidence contained in the complaint;
  - (b) the records of the procurement or disposal kept by the procuring and disposing entity;
  - (c) the information provided by the staff of the procuring and disposing entity, if any;
  - (d) the information provided by the interested bidders; and
  - (e) any other relevant information.

# 9. Dismissal of complaints by the Authority.

- (1) The Authority shall not investigate a complaint where the Authority determines that—
  - (a) the complainant is not a bidder in respect of the procurement or disposal process for which the complaint is made;

- (b) a complaint is not in respect of a procurement or disposal proceeding; or
- (c) the complaint does not comply with sections 90 and 91 of the Act.
- (2) A complaint that does not fulfil the requirements of subregulation (1) shall be dismissed by the Authority without investigation.
- (3) Where the Authority dismisses a complaint, the Authority shall in writing notify the complainant of the dismissal.
- (4) A bidder who is aggrieved by a decision of the Authority, made under this regulation, may appeal to the Tribunal.

### 10. Appeal to the Tribunal.

A bidder may appeal to the Tribunal where—

- (a) the bidder is not satisfied with the decision of the Authority;
- (b) the Authority does not issue a decision in respect of a review of the decision of the Accounting Officer, within fifteen working days; or
- (c) the bidder alleges that the Authority cannot handle a review impartially.

#### 11. Fees for administrative review.

- (1) The fees in the second column of the Schedule to these Regulations shall be paid to a procuring and disposing entity, for the administrative review for a procurement or disposal of a value specified in the first column.
- (2) Where a complaint is upheld by the Accounting Officer or the Authority, the fee shall be refundable.
- (3) Where a complaint is withdrawn or dismissed, the fee shall not be refundable.

### **SCHEDULE**

#### FEES FOR ADMINISTRATIVE REVIEW

No.	Value of procurement	Fees payable for administrative review in Shilings
1.	Procurements or disposal of a value of up to shillings 100,000,000	500,000
2.	Procurements or disposal of a value of more than shillings 100,000,000 up to shillings 500,000,000	1,500,000
3.	Procurements or disposal of a value of more than shillings 500,000,000 up to shillings 1,000,000,000	2,500,000
4.	Procurements or disposal of a value of more than shillings 1,000,000,000 up to shillings 50,000,000,000	5,000,000
5.	Procurements or disposal of a value of more than shillings 50,000,000,000 up to shillings 100,000,000,000	10,000,000
6.	Procurements or disposal of a value of more than shillings 100,000,000,000	15,000,000

MARIA KIWANUKA,

Minister of Finance, Planning and Economic Development.

# STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated 14th February, 2014 Printed by UPPC, Entebbe, by Order of the Government.

### TATUTORY INSTRUME Z S

## 2014 No. 17.

## The Land Acquisition (Matugga - Semuto - Kapeka Road) Instrument, 2014.

(Under section 3 of the Land Acquisition Act, Cap. 226,

Instrument is made this 18th day of June, 2013. In exercise of the powers conferred upon the Minister responsible for by Section 3 of the Land Acquisition Act, Cap. 226, this

### 1. Title.

This Instrument may be cited as the Land Acquisition (Matugga - Semuto Kapeka Road) Instrument, 2014

# Declaration of land required for public purpose.

alignment of the corridor for the proposed Matugga declared to be land acquired by the Government for a Public Purpose Road and illustrated in the maps set out in Part 2 of the Schedule are The parcels of land described in Part I of the Schedule set out in the final Semuto - Kapeka

# Inspection of plans and maps of the declared Land.

inspected at the office of the Commissioner of Lands and Surveys, Entebbe, during office hours. Plans and Maps of the Land referred to in paragraph 2 may be

### 700

### **SCHEDULE**

### PART I —DESCRIPTION OF THE LAND TO BE ACQUIRED FOR THE ROAD RESERVE ALONG THE MATUGGA-KAPEKA ROAD

MATUGGA - SEMUTO - KAPEEKA ROW LHS

MATUGGA - SEMUTO - KAPEEKA\_ROW\_LHS

	MATUGGA - SEMUTO - KAPEEKA		
0/1	RIGHT OF WAY CO-ORDINATE ABSTRACT_LEFT HAND SIDE		
S/No	CHAINAGE	EASTING	NORTHING
1	0+000.00 0+012.47	446,628.66 446,617.44	51,757.66
2		- / -	51,752.23
3	0+018.71	446,611.47	51,750.38
4	0+024.96	446,605.35	51,749.14
5	0+150.85	446,480.21	51,735.49
6	0+181.91	446,449.16	51,734.34
7	0+210.38	446,420.72	51,735.64
8	0+241.44	446,389.91	51,739.59
9	0+259.56	446,372.14	51,743.10
10	0+280.28	446,352.06	51,748.20
11	0+306.17	446,327.43	51,756.18
12	0+326.88	446,308.18	51,763.81
13	0+342.41	446,294.04	51,770.25
14	0+360.53	446,277.92	51,778.53
15	0+378.66	446,262.22	51,787.59
16	0+394.19	446,249.15	51,795.97
17	0+469.45	446,189.81	51,842.25
18	1+229.52	445,679.25	52,405.32
19	1+293.11	445,633.07	52,449.03
20	1+364.02	445,577.04	52,492.50
21	1+400.71	445,546.37	52,512.64
22	1+452.07	445,501.72	52,538.03
23	1+508.33	445,450.79	52,561.90
24	1+552.35	445,409.66	52,577.62
25	1+621.44	445,343.48	52,597.43
26	1+988.94	444,989.57	52,696.43
27	2+196.36	444,789.80	52,752.28
28	2+293.12	444,695.89	52,775.58
29	2+365.07	444,625.38	52,789.91
30	2+462.42	444,529.49	52,806.73
31	2+799.92	444,197.01	52,864.71
32	2+868.35	444,129.71	52,877.10
33	2+897.17	444,102.01	52,885.06
34	2+920.75	444,079.94	52,893.36
35	2+952.19	444,051.56	52,906.89
36	2+975.78	444,031.21	52,918.82
37	3+007.21	444,005.52	52,936.93
38	3+020.32	443,995.35	52,945.19
39	3+036.04	443,983.60	52,955.65
40	3+062.25	443.965.19	52.974.29
41	3+109.38	443,936.06	53,011.35
42	3+197.82	443.891.73	53.087.87
43	3+251.98	443,863.07	53,133.84
44	3+301.23	443.834.87	53.174.20

	MATUGGA - SEMUTO - KAPEEKA		
	RIGHT OF WAY CO-ORDINATE ABSTRACT_LEFT HAND SIDE		
S/No	CHAINAGE	EASTING	NORTHING
45	3+361.16	443,799.12	53,222.31
46	3+423.86	443,765.84	53,275.45
47	3+463.86	443,741.98	53,307.55
48	3+543.90	443,692.24	53,370.26
49	3+553.90	443,686.27	53,378.28
50	3+584.00	443,666.37	53,400.86
51	3+633.02	443,636.56	53,439.78
52	3+652.17	443,623.75	53,454.02
53	3+685.65	443,599.48	53,477.07
54	3+735.85	443,559.04	53,506.83
55	3+832.92	443,475.24	53,555.81
56	3+961.35	443,366.62	53,624.33
57	4+029.36	443,310.93	53,663.37
58	4+097.36	443,256.60	53,704.27
59	4+175.43	443,195.97	53,753.45
60	4+285.65	443,112.61	53,825.55
61	4+325.29	443,082.54	53,851.37
62	4+366.99	443,049.71	53,877.09
63	4+396.42	443,025.74	53,894.17
64	4+430.76	442,996.99	53,912.95
65	4+493.07	442,943.67	53,945.20
66	4+536.37	442,907.25	53,968.60
67	4+556.74	442,890.55	53,980.27
68	4+579.66	442,872.11	53,993.89
69	4+650.95	442,817.32	54,039.51
70	4+734.96	442,758.18	54,099.16
71	4+945.11	442,619.67	54,257.22
72	4+969.16	442,603.38	54,274.91
73	4+992.95	442,585.95	54,291.09
74	5+014.35	442,569.20	54,304.41
75	5+029.50	442,556.82	54,313.15
76	5+045.28	442,543.38	54,321.42
77	5+066.76	442,524.48	54,331.61
78	5+107.17	442,488.37	54,349.76
79	5+130.76	442,467.98	54,361.62
80	5+180.50	442,428.05	54,391.29
81	5+204.09	442,410.84	54,407.42
82	5+264.87	442,369.98	54,452.41
83	5+349.87	442,313.31	54,515.77
84	5+434.33	442,256.81	54,578.54
85	5+453.61	442,243.12	54,592.12
86	5+475.31	442,226.97	54,606.61
87	5+494.59	442,211.98	54,618.74
88	5+518.69	442,192.45	54,632.87

	MATUGGA - SEMUTO - KAPEEKA		
	RIGHT OF WAY CO-ORDINATE ABSTRACT_LEFT HAND SIDE		
S/No	CHAINAGE	EASTING	NORTHING
89	5+559.66	442,157.45	54,654.15
90	5+586.17	442,133.73	54,666.00
91	5+627.13	442,095.68	54,681.17
92	5+660.87	442,063.32	54,690.73
93	5+699.43	442,025.52	54,698.32
94	5+740.39	441,984.76	54,702.41
95	5+846.19	441,879.02	54,705.99
96	5+878.05	441,847.61	54,711.26
97	5+909.90	441,817.10	54,720.41
98	5+965.57	441,767.30	54,745.30
99	5+992.12	441,745.76	54,760.82
100	6+021.32	441,724.07	54,780.37
101	6+042.57	441,709.78	54,796.09
102	6+090.75	441,680.39	54,834.28
103	6+525.02	441,416.39	55,179.09
104	7+050.39	441,090.36	55,591.06
105	7+125.36	441,043.66	55,649.70
106	7+149.64	441,028.06	55,668.31
107	7+164.19	441,018.28	55,679.07
108	7+190.86	440,999.52	55,698.04
109	7+250.46	440,955.48	55,738.19
110	7+326.36	440,899.79	55,789.77
111	7+370.36	440,870.69	55,822.77
112	7+436.02	440,831.77	55,875.64
113	7+993.52	440,504.18	56,326.74
114	8+181.05	440,394.00	56,478.50
115	8+616.23	440,142.72	56,833.80
116	8+781.23	440,047.68	56,968.68
117	8+891.26	439,982.27	57,057.15
118	8+928.76	439,960.67	57,087.81
119	9+033.79	439,902.23	57,175.08
120	9+193.79	439,810.07	57,305.87
121	9+493.79	439,637.27	57,551.10
122	9+861.26	439,425.59	57,851.49
123	9+958.47	439,368.71	57,930.32
124	10+059.41	439,308.08	58,011.02
125	10+295.73	439,162.11	58,196.86
126	10+314.07	439,151.40	58,211.76
127	10+340.27	439,137.61	58,234.04
128	10+369.09	439,124.58	58,259.75
129	10+392.68	439,115.63	58,281.56
130	10+416.26	439,108.31	58,303.98
131	10+436.13	439,103.31	58,323.21
132	10+502.55	439.090.50	58,388.39

	MATUGGA - SEMUTO - KAPEEKA		
	RIGHT OF WAY CO-ORDINATE ABSTRACT LEFT HAND SI		
S/No	CHAINAGE	EASTING	NORTHING
133	10+717.55	439,049.06	58,599.36
134	10+780.10	439,039.47	58,661.17
135	10+910.34	439,014.75	58,789.04
136	10+950.59	439,008.16	58,828.75
137	10+975.75	439,004.44	58,853.63
138	11+016.10	438,996.67	58,893.22
139	11+027.59	438,995.30	58,904.63
140	11+038.77	438,994.04	58,915.74
141	11+066.47	438,991.16	58,943.29
142	11+123.78	438,986.15	59,000.37
143	11+140.43	438,983.86	59,016.87
144	11+145.18	438,983.04	59,021.55
145	11+152.32	438,981.65	59,028.55
146	11+164.22	438,978.98	59,040.14
147	11+180.87	438,974.44	59,056.17
148	11+183.24	438,973.73	59,058.44
149	11+188.00	438,972.23	59,062.95
150	11+190.38	438,971.45	59,065.20
151	11+202.28	438,967.31	59,076.35
152	11+207.03	438,965.53	59,080.76
153	11+211.79	438,963.67	59,085.14
154	11+216.55	438,961.75	59,089.49
155	11+221.31	438,959.75	59,093.81
156	11+240.58	438,953.27	59,111.96
157	11+245.38	438,950.92	59,116.14
158	11+250.18	438,948.49	59,120.29
159	11+262.43	438,942.06	59,130.72
160	11+364.93	438,887.88	59,217.73
161	11+382.99	438,878.34	59,233.05
162	11+399.93	438,869.38	59,247.44
163	11+430.35	438,849.28	59,270.26
164	11+445.35	438,841.35	59,283.00
165	11+505.40	438,811.76	59,335.25
166	11+940.87	438,581.72	59,705.00
167	11+964.38	438,570.62	59,725.73
168	11+987.90	438,560.95	59,747.17
169	12+019.26	438,550.38	59,776.69
170	12+048.00	438,543.09	59,804.49
171	12+092.40	438,536.42	59,848.39
172	12+155.14	438,531.99	59,910.97
173	12+194.37	438,528.94	59,950.08
174	12+208.43	438,526.80	59,963.98
175	12+224.83	438,523.23	59,979.99
176	12+245.92	438,516.92	60,000.11

S/No	RIGHT OF WAY	CO ODDINATE ADO	
S/No	RIGHT OF WAY CO-ORDINATE ABSTRACT_LEFT HAND SIDE		
	CHAINAGE	EASTING	NORTHING
177	12+267.00	438,508.77	60,019.55
178	12+299.78	438,492.57	60,048.05
179	12+332.57	438,472.40	60,073.89
180	12+360.67	438,452.27	60,093.51
181	12+388.78	438,429.85	60,110.46
182	12+423.90	438,399.14	60,127.50
183	12+467.57	438,358.29	60,142.94
184	12+564.40	438,266.70	60,174.36
185	12+626.04	438,207.27	60,190.74
186	12+701.82	438,133.25	60,206.93
187	12+708.12	438,127.25	60,208.88
188	12+721.57	438,114.22	60,212.22
189	12+735.91	438,100.15	60,214.94
190	12+752.72	438,083.34	60,215.47
191	12+785.84	438,050.79	60,221.58
192	12+812.04	438,025.40	60,228.02
193	12+822.52	438,015.40	60,231.17
194	12+848.73	437,990.89	60,240.44
195	12+885.40	437,958.00	60,256.66
196	12+916.84	437,931.41	60,273.44
197	12+948.28	437,906.57	60,292.71
198	12+982.33	437,881.89	60,316.17
199	13+077.81	437,818.39	60,387.47
200	13+160.31	437,763.62	60,449.17
201	13+228.02	437,718.71	60,499.84
202	13+253.95	437,702.39	60.519.99
203	13+292.84	437,680.35	60,552.04
204	13+323.96	437,664.94	60,579.07
205	13+391.22	437.634.46	60,639.02
206	13+472.09	437,593.94	60,709.01
207	13+516.28	437.567.31	60,744.27
208	13+558.01	437,540.13	60,775.94
209	13+582.56	437,523.26	60.793.78
210	13+619.39	437,496.79	60.819.38
211	13+651.30	437,472.77	60.840.40
212	13+685.68	437,445.83	60,861.75
213	13+705.32	437,429.98	60,873.34
214	13+747.41	437,395.07	60.896.87
215	13+874.59	437,288.96	60.966.97
216	13+900.97	437,265,99	60,979.94
217	13+934.54	437,235.25	60,993.43
218	13+953.73	437,217.06	60,999.55
219	13+987.30	437,184.42	61,007.40
	10.907.00	437,104.42	01,007.40

	MATUGGA - S	EMUTO - KAPEEKA	
			STRACT LEFT HAND SIDE
S/No	CHAINAGE	EASTING	NORTHING
221	14+047.92	437,124.08	61.012.55
222	14+172.09	436,999,97	61,016.34
223	14+198.50	436,973.59	61,017.76
224	14+252.17	436,920,34	61.024.46
225	14+293.07	436,880.33	61,032.95
226	14+339.08	436,836.19	61.045.95
227	14+400.41	436,779.28	61,068.81
228	14+456.64	436,729.57	61,095.09
229	14+505.20	436,688,94	61,121.68
230	14+548.66	436,654.65	61,148.38
231	14+597.22	436,618.89	61,181.24
232	14+638.12	436,591.07	61,211.22
233	14+715.97	436,541.71	61,271.41
234	14+758.54	436,516.78	61,305.92
235	14+873.53	436,444.10	61,395.03
236	14+883.85	436,435.84	61,401.21
237	14+941.35	436,399.50	61,445.77
238	14+993.28	436,366.06	61,485.49
239	15+042.47	436,330.37	61,519.36
240	15+072.59	436,308.56	61,540.13
241	15+111.15	436,279.44	61,565.42
242	15+177.37	436,226.70	61,605.45
243	15+201.90	436,206.33	61,619.12
244	15+266.89	436,151.38	61,653.82
245	15+307.63	436,117.75	61,676.82
246	15+363.65	436,073.47	61,711.14
247	15+442.40	436,015.39	61,764.30
248	15+574.90	435,921.05	61,857.34
249	15+822.64	435,746.26	62,032.92
250	16+054.93	435,583.60	62,198.75
251	16+118.77	435,536.59	62,241.94
252	16+162.97	435,502.18	62,269.68
253	16+198.79	435,473.24	62,290.80
254	16+229.48	435,447.80	62,307.96
255	16+447.53	435,266.37	62,428.92
256	16+478.43	435,241.84	62,447.70
257	16+511.90	435,216.59	62,469.66
258	16+594.58	435,156.86	62,526.84
259	16+633.98	435,127.78	62,553.42
260	17+706.56	434,313.50	63,251.55
261	17+974.24	434,114.24	63,430.29
262	18+217.18	433,939.12	63,598.68
263	18+371.86	433,826.45	63,704.65
264	18+521.86	433,716.45	63,806.63

	MATUGGA - SEMUTO - KAPEEKA		
	RIGHT OF WAY CO-ORDINATE ABSTRACT_LEFT HAND SIDE		
S/No	CHAINAGE	EASTING	NORTHING
265	18+561.94	433,688.81	63,835.65
266	18+576.94	433,677.81	63,845.85
267	18+627.25	433,640.97	63,880.11
268	18+677.45	433,606.79	63,916.88
269	18+698.69	433,595.53	63,934.89
270	18+722.59	433,584.68	63,956.18
271	18+730.56	433,581.54	63,963.50
272	18+741.18	433,577.68	63,973.40
273	18+757.11	433,572.68	63,988.53
274	18+765.08	433,570.52	63,996.20
275	18+773.06	433,568.63	64,003.95
276	18+781.02	433,566.96	64,011.73
277	18+790.48	433,564.50	64,020.87
278	18+805.33	433,559.05	64,034.68
279	18+813.34	433,557.88	64,042.61
280	18+830.35	433,557.71	64,059.61
281	18+844.92	433,561.42	64,073.71
282	18+856.57	433,563.16	64,085.22
283	18+871.40	433,564.05	64,100.03
284	18+895.19	433,564.27	64,123.81
285	18+921.35	433,562.30	64,149.90
286	18+933.24	433,560.65	64,161.68
287	18+949.89	433,557.52	64,178.03
288	18+966.54	433,553.50	64,194.19
289	18+983.19	433,548.56	64,210.09
290	19+009.35	433,539.02	64,234.45
291	19+042.64	433,523.81	64,264.06
292	19+078.31	433.503.92	64.293.66
293	19+113.97	433,480.62	64,320.66
294	19+137.75	433,463.34	64,337.01
295	19+159.16	433,446.71	64,350.48
296	19+413.47	433,236.85	64,494.13
297	19+567.35	433,109.22	64,580.09
298	19+608.13	433,072.85	64,598.53
299	19+648.90	433,034.63	64,612.73
300	19+684.89	432,999.76	64,621.62
301	19+723.27	432,961.78	64,627.20
302	19+771.23	432,913.83	64,628.44
303	19+821.59	432,863.79	64.622.86
304	19+914.36	432,773.19	64,602.93
305	19+947.38	432,740.60	64,597.57
306	19+986.21	432,701,91	64.594.33
307	20+025.03	432,663.09	64,594.57
308	20+071.62	432,616.76	64,599.41

	MATUGGA - SEMUTO - KAPEEKA		
	RIGHT OF WAY CO-ORDINATE ABSTRACT LEFT HAND		
0/11-			
<b>S/No</b> 309	20+107.85	EASTING	NORTHING
310	20+107.85	432,581.24 432,553.82	64,606.59 64.614.28
		. ,	- ,
311	20+188.09	432,505.49	64,632.81
312	20+219.15	432,477.67	64,646.63
313	20+252.76	432,448.77	64,663.79
314	20+425.30	432,303.91	64,757.52
315	20+856.23	431,942.67	64,992.48
316	20+920.57	431,893.48	65,033.95
317	20+984.90	431,849.84	65,081.21
318	21+013.22	431,832.58	65,103.67
319	21+046.69	431,813.80	65,131.37
320	21+129.60	431,771.35	65,202.59
321	21+206.53	431,730.90	65,268.03
322	21+340.49	431,654.51	65,378.08
323	21+705.18	431,430.73	65,666.04
324	21+785.42	431,381.97	65,729.76
325	21+810.62	431,368.95	65,751.33
326	21+964.89	431,277.03	65,875.23
327	22+000.86	431,252.31	65,901.36
328	22+036.83	431,224.64	65,924.33
329	22+070.40	431,196.48	65,942.61
330	22+131.89	431,141.25	65,969.65
331	22+344.51	430,948.97	66,060.40
332	22+475.02	430,832.67	66,119.63
333	22+507.90	430,801.66	66,130.56
334	22+545.08	430,768.84	66,148.02
335	22+564.60	430,752.53	66,158.74
336	22+603.38	430,716.70	66,173.59
337	22+917.59	430,416.79	66,267.28
338	22+976.02	430,360.42	66,282.66
339	23+002.48	430,334.31	66,286.98
340	23+019.33	430,317.56	66,288.80
341	23+040.98	430,295.95	66,290.05
342	23+057.82	430,279.10	66,290.19
343	23+081.88	430,255.07	66,289.10
344	23+209.22	430,128.21	66,278.06
345	23+274.91	430,062.74	66,272.70
346	23+311.58	430,026.07	66,273.27
347	23+332.54	430,005.22	66,275.45
348	23+356.13	429,981.99	66,279.50
349	23+374.47	429,964.16	66,283.82
350	23+395.43	429,944.12	66,289.97
351	23+434.72	429,907.78	66,304.91
352	23+473.94	429,873.59	66,324.10

	MATUGGA - S	EMUTO - KAPEEKA	
	RIGHT OF WAY CO-ORDINATE ABSTRACT_LEFT HAND SIDI		
S/No	CHAINAGE	EASTING	NORTHING
353	23+613.98	429,755.66	66,399.63
354	23+976.55	429,450.35	66,595.19
355	24+001.61	429,430.70	66,610.74
356	24+056.60	429,384.39	66,640.40
357	24+086.71	429,357.78	66,654.48
358	24+421.71	429,075.68	66,835.16
359	24+626.99	428,903.64	66,947.16
360	25+464.44	428,207.20	67,412.23
361	25+564.14	428,123.56	67,466.48
362	25+628.94	428,068.62	67,500.85
363	25+773.80	427,944.70	67,575.87
364	26+086.30	427,677.11	67,737.28
365	26+218.68	427,563.92	67,805.93
366	26+253.11	427,535.96	67,826.03
367	26+281.64	427,514.14	67,844.40
368	26+328.30	427,481.29	67,877.54
369	26+356.83	427,463.12	67,899.53
370	26+396.88	427,441.04	67,932.94
371	26+448.02	427,412.43	67,975.33
372	26+568.91	427,347.57	68,077.35
373	26+599.81	427,331.59	68,103.80
374	26+607.24	427,328.46	68,110.54
375	26+623.70	427,322.19	68,125.76
376	26+647.60	427,314.85	68,148.50
377	26+658.22	427,312.29	68,158.81
378	26+666.19	427,310.66	68,166.61
379	26+668.85	427,310.15	68,169.22
380	26+678.71	427,308.89	68,179.00
381	26+710.01	427,305.14	68,210.07
382	26+731.69	427,299.00	68,230.86
383	26+740.47	427,294.88	68,238.62
384	26+744.49	427,292.75	68,242.03
385	26+752.52	427,287.79	68,248.34
386	26+760.64	427,282.40	68,254.42
387	26+766.17	427,278.31	68,258.14
388	26+772.82	427,273.01	68,262.16
389	26+780.94	427,266.02	68,266.29
390	26+791.08	427,256.64	68,270.14
391	26+797.17	427,250.77	68,271.78
392	26+801.23	427,246.78	68,272.55
393	26+809.55	427,238.57	68,273.84
394	26+826.58	427,221.55	68,273.15
395	26+836.67	427,211.66	68,271.17
396	26+852.33	427,197.48	68,264.51

	MATUGGA - SEMUTO - KAPEEKA		
	RIGHT OF WAY CO-ORDINATE ABSTRACT LEFT HAND SID		
S/No	CHAINAGE	EASTING	NORTHING
397	26+924.05	427,137.60	68.225.06
398	26+950.25	427,114.71	68.212.29
399	26+976.45	427,090.88	68,201.42
100	27+004.37	427.064.64	68.191.87
401	27+031.48	427,038.41	68,185.00
102	27+117.22	426,954.05	68.169.67
403	27+153.52	426,918.04	68,165.14
104	27+169.08	426,902.51	68,164.17
405	27+244.16	426,827.46	68,162.06
406	27+256.06	426,815.58	68,161.35
407	27+272.71	426,799.03	68,159.58
408	27+294.11	426,777.94	68,155.91
409	27+372.17	426,701.57	68,139.76
410	27+419.57	426,654.61	68,133.28
411	27+469.19	426,605.11	68,129.86
412	27+527.91	426,546.40	68,130.25
413	27+599.38	426,475.27	68,137.22
114	28+050.57	426,029.58	68,207.49
415	28+100.32	425,982.13	68,222.45
416	28+126.52	425,958.23	68,233.19
417	28+152.73	425,935.28	68,245.83
418	28+189.40	425,905.01	68,266.54
419	28+223.46	425,879.16	68,288.71
420	28+280.24	425,841.29	68,331.02
421	28+642.74	425,611.29	68,611.21
122	28+764.81	425,533.74	68,705.48
423	28+788.59	425,517.42	68,722.77
124	28+838.49	425,478.91	68,754.51
425	28+900.54	425,425.68	68,786.40
426	28+931.09	425,396.89	68,796.62
427	28+967.95	425,361.04	68,805.16
128	29+044.34	425,286.60	68,822.35
129	29+080.43	425,252.71	68,834.73
430	29+121.66	425,215.48	68,852.46
431	29+260.11	425,096.90	68,923.94
432	29+338.95	425,030.65	68,966.68
433	29+371.96	425,008.54	68,991.17
134	29+487.52	424,919.86	69,065.29
135	29+715.02	424,746.73	69,212.87
436	29+786.78	424,691.04	69,258.12
437	29+880.00	424,609.53	69,303.37
438	29+923.95	424,570.01	69,322.59
439	29+970.35	424,526.95	69,339.86
440	30+051.91	424,448.84	69,363.33

	MATUGGA - SEMUTO - KAPEEKA		
	RIGHT OF WAY CO-ORDINATE ABSTRACT_LEFT HAND SIDE		
S/No	CHAINAGE	EASTING	NORTHING
441	30+096.43	424,407.05	69,378.70
442	30+148.79	424,361.15	69,403.89
443	30+198.54	424,321.83	69,434.37
444	30+243.06	424,290.94	69,466.43
445	30+562.95	424,097.97	69,721.56
446	30+970.37	423,851.91	70,046.28
447	31+014.01	423,822.03	70,078.09
448	31+060.06	423,787.54	70,108.61
449	31+101.27	423,754.34	70,133.03
450	31+197.73	423,672.55	70,184.16
451	31+257.73	423,620.47	70,213.95
452	31+332.74	423,554.74	70,250.10
453	31+505.25	423,404.39	70,334.66
454	31+755.25	423,187.38	70,458.79
455	31+892.95	423,067.19	70,525.99
456	31+935.18	423,029.23	70,544.49
457	32+293.96	422,700.16	70,687.45
458	32+353.15	422,648.02	70,715.46
459	32+419.03	422,593.51	70,752.47
460	32+559.04	422,478.81	70,832.75
461	32+871.54	422,222.79	71,011.94
462	33+131.54	422,009.78	71,161.03
463	33+212.18	421,943.99	71,207.66
464	33+268.80	421,901.00	71,244.50
465	33+317.70	421,867.31	71,279.96
466	33+353.75	421,844.72	71,308.04
467	33+384.64	421,826.97	71,333.33
468	33+534.11	421,746.68	71,459.41
469	33+572.27	421,722.76	71,489.14
470	33+619.95	421,688.10	71,521.88
471	33+674.77	421,642.67	71,552.56
472	33+709.63	421,611.30	71,567.77
473	33+743.94	421,578.98	71,579.27
474	33+774.95	421,548.84	71,586.58
475	33+817.90	421,506.20	71,591.74
476	33+904.24	421,420.05	71,597.52
477	33+947.87	421,377.42	71,606.76
478	33+982.82	421,344.41	71,618.23
479	34+030.47	421,301.74	71,639.46
480	34+090.17	421,250.76	71,670.52
481	34+367.67	421,013.87	71,815.05
482	34+780.95	420,663.58	72,034.37
483	34+818.63	420,632.70	72,055.96
484	34+868.74	420,593,40	72.087.05

MATUGGA - SEMUTO - KAPEEKA   RIGHT OF WAY CO-ORDINATE ABSTRACT_LEFT HAND SIDE   S/No		MATUGGA SEMUTO KAREEKA				
S/No         CHAINAGE         EASTING         NORTHING           485         34+891.24         420,575.08         72,100.12           486         35+023.75         420,467.22         72,177.08           487         35+063.82         420,433.21         72,198.27           488         35+565.94         420,024.09         72,489.39           489         35+694.94         419,914.94         72,558.14           490         35+949.89         419,694.44         72,686.11           491         36+069.25         419,590.77         72,745.28           492         36+140.65         419,526.42         72,776.19           493         36+895.50         418,831.58         73,071.15           494         37+200.50         418,550.82         73,190.31           495         37+396.20         418,370.67         73,266.76           496         37+729.87         418,056.00         73,377.61           498         37+758.68         418,029.51         73,388.95           499         37+80.58         418,010.32         73,388.95           500         37+805.84         417,967.51         73,427.93           502         37+876.57         417,934.71						
485         34+891.24         420,575.08         72,100.12           486         35+023.75         420,467.22         72,177.08           487         35+063.82         420,433.21         72,198.27           488         35+565.94         420,024.09         72,489.39           489         35+949.89         419,694.44         72,558.14           490         35+949.89         419,590.77         72,745.28           492         36+140.65         419,590.77         72,745.28           493         36+895.50         418,831.58         73,071.15           494         37+200.50         418,550.82         73,190.31           495         37+396.20         418,370.67         73,266.76           496         37+432.27         418,056.00         73,377.61           498         37+758.68         418,056.00         73,377.61           498         37+803.33         418,010.32         73,398.98           500         37+880.84         417,988.63         73,412.41           501         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+995.79         417,877.49		_				
486         35+023.75         420,467.22         72,177.08           487         35+063.82         420,433.21         72,198.27           488         35+565.94         420,024.09         72,489.39           489         35+694.94         419,914.94         72,558.14           490         35+949.89         419,694.44         72,686.11           491         36+069.25         419,590.77         72,745.28           492         36+140.65         419,526.42         72,776.19           493         36+895.50         418,831.58         73,071.15           494         37+200.50         418,550.82         73,190.31           495         37+396.20         418,370.67         73,280.33           497         37+729.87         418,056.00         73,377.61           498         37+758.68         418,056.00         73,398.98           499         37+780.33         418,010.32         73,398.98           501         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,427.93           502         37+805.84         417,988.63						
487         35+063.82         420,433.21         72,198.27           488         35+566.94         420,024.09         72,489.39           489         35+694.94         419,914.94         72,558.14           490         35+949.89         419,694.44         72,686.11           491         36+069.25         419,590.77         72,745.28           492         36+140.65         419,526.42         72,776.19           493         36+895.50         418,831.58         73,071.15           494         37+200.50         418,550.82         73,190.31           495         37+396.20         418,370.67         73,266.76           496         37+729.87         418,056.00         73,377.61           498         37+758.68         418,056.00         73,377.61           499         37+80.33         418,010.32         73,398.98           500         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,838.70			_			
488         35+565.94         420,024.09         72,489.39           489         35+694.94         419,914.94         72,558.14           490         35+949.89         419,694.44         72,686.11           491         36+949.89         419,590.77         72,745.28           492         36+140.65         419,526.42         72,776.19           493         36+895.50         418,31.58         73,071.15           494         37+200.50         418,550.82         73,190.31           496         37+396.20         418,370.67         73,266.76           496         37+432.27         418,370.67         73,376.1           498         37+758.68         418,056.00         73,377.61           499         37+780.33         418,010.32         73,388.95           500         37+805.84         417,988.63         73,412.41           501         37+876.57         417,947.51         73,427.93           502         37+876.57         417,934.71         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,819.91         73,545.84           506         38+028.72         417,819.91         <						
489         35+694.94         419,914.94         72,558.14           490         35+949.89         419,694.44         72,686.11           491         36+069.25         419,590.77         72,745.28           492         36+140.65         419,526.42         72,776.19           493         36+895.50         418,831.58         73,071.15           494         37+200.50         418,550.82         73,190.31           495         37+396.20         418,370.67         73,266.76           496         37+432.27         418,337.25         73,280.33           497         37+729.87         418,056.00         73,377.61           498         37+758.68         418,029.51         73,388.95           499         37+780.33         418,010.32         73,398.98           500         37+805.84         417,988.63         73,412.41           501         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,838.70						
490         35+949.89         419,694.44         72,686.11           491         36+069.25         419,590.77         72,745.28           492         36+140.65         419,526.42         72,776.19           493         36+895.50         418,831.58         73,071.15           494         37+200.50         418,550.82         73,190.31           495         37+396.20         418,370.67         73,266.76           496         37+429.87         418,056.00         73,377.61           498         37+758.68         418,029.51         73,388.95           499         37+803.33         418,010.32         73,398.98           500         37+805.84         417,988.63         73,412.41           501         37+878.57         417,994.71         73,458.03           502         37+876.57         417,994.71         73,458.03           503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,819.91         73,556.07           507         38+100.20         417,754.71         73,585.38           508         38+191.14         417,627.38						
491         36+069.25         419,590.77         72,745.28           492         36+140.65         419,526.42         72,776.19           493         36+895.50         418,831.58         73,071.15           494         37+200.50         418,8550.82         73,190.31           495         37+396.20         418,370.67         73,266.76           496         37+432.27         418,370.67         73,280.33           497         37+729.87         418,056.00         73,377.61           498         37+758.68         418,029.51         73,388.95           499         37+780.33         418,010.32         73,398.98           500         37+805.84         417,988.63         73,412.41           501         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,485.02           503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,819.91         73,545.84           506         38+028.72         417,819.91         73,585.38           508         38+191.14         417,627.35			419,914.94			
492         36+140.65         419,526.42         72,776.19           493         36+895.50         418,831.58         73,071.15           494         37+200.50         418,550.82         73,190.31           495         37+396.20         418,370.67         73,266.76           496         37+432.27         418,37.25         73,280.33           497         37+729.87         418,056.00         73,377.61           498         37+758.68         418,029.51         73,388.95           499         37+780.33         418,010.32         73,398.98           500         37+805.84         417,988.63         73,412.41           501         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,485.03           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,819.91         73,556.07           507         38+100.20         417,754.71         73,585.38           508         38+191.14         417,627.38         73,648.29		35+949.89	419,694.44	72,686.11		
493         36+895.50         418,831.58         73,071.15           494         37+200.50         418,550.82         73,190.31           495         37+396.20         418,370.67         73,266.76           496         37+432.27         418,337.25         73,280.33           497         37+729.87         418,056.00         73,377.61           498         37+758.68         418,029.51         73,388.95           499         37+80.33         418,010.32         73,398.98           500         37+805.84         417,988.63         73,412.41           501         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,819.91         73,556.07           507         38+100.20         417,754.71         73,585.38           508         38+191.14         417,627.38         73,648.29	191	36+069.25	419,590.77	72,745.28		
494         37+200.50         418,550.82         73,190.31           495         37+396.20         418,370.67         73,266.76           496         37+432.27         418,370.67         73,280.33           497         37+729.87         418,056.00         73,377.61           498         37+758.68         418,029.51         73,388.95           499         37+780.33         418,010.32         73,398.98           500         37+805.84         417,988.63         73,412.41           501         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,819.91         73,556.07           507         38+100.20         417,754.71         73,585.38           508         38+191.14         417,672.15         73,623.49           509         38+242.32         417,627.38         73,648.29	192	36+140.65	419,526.42	72,776.19		
495         37+396.20         418,370.67         73,266.76           496         37+432.27         418,337.25         73,280.33           497         37+729.87         418,056.00         73,377.61           498         37+756.88         418,029.51         73,388.95           499         37+780.33         418,010.32         73,398.98           500         37+805.84         417,988.63         73,412.41           501         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,838.70         73,545.84           506         38+028.72         417,819.91         73,556.07           507         38+100.20         417,754.71         73,585.38           508         38+191.14         417,627.38         73,648.29	193	36+895.50	418,831.58	73,071.15		
496         37+432.27         418,337.25         73,280.33           497         37+729.87         418,056.00         73,377.61           498         37+758.68         418,029.51         73,388.95           499         37+780.33         418,010.32         73,398.98           500         37+805.84         417,988.63         73,412.41           501         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,838.70         73,545.84           506         38+028.72         417,819.91         73,556.07           507         38+100.20         417,754.71         73,685.38           508         38+191.14         417,672.15         73,623.49           509         38+242.32         417,627.38         73,648.29	194	37+200.50	418,550.82	73,190.31		
497         37+729.87         418,056.00         73,377.61           498         37+756.68         418,029.51         73,388.95           499         37+780.33         418,010.32         73,398.98           500         37+805.84         417,988.63         73,412.41           501         37+876.57         417,947.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,838.70         73,545.84           506         38+028.72         417,819.91         73,556.07           507         38+100.20         417,754.71         73,585.38           508         38+191.14         417,672.15         73,643.29           509         38+242.32         417,627.38         73,644.29	195	37+396.20	418,370.67	73,266.76		
498         37+758.68         418,029.51         73,388.95           499         37+780.33         418,010.32         73,398.98           500         37+805.84         417,988.63         73,412.41           501         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,838.70         73,545.84           506         38+028.72         417,819.91         73,556.07           507         38+100.20         417,754.71         73,585.38           508         38+191.14         417,672.15         73,623.49           509         38+242.32         417,627.38         73,648.29	196	37+432.27	418,337.25	73,280.33		
499         37+780.33         418,010.32         73,398.98           500         37+805.84         417,988.63         73,412.41           501         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,485.02           505         38+097.32         417,837.49         73,518.37           505         38+007.32         417,838.70         73,545.84           506         38+028.72         417,819.91         73,556.07           507         38+100.20         417,754.71         73,585.38           508         38+191.14         417,672.15         73,623.49           509         38+242.32         417,627.38         73,648.29	197	37+729.87	418,056.00	73,377.61		
500         37+805.84         417,988.63         73,412.41           501         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,838.70         73,545.84           506         38+028.72         417,819.91         73,556.07           507         38+100.20         417,754.71         73,585.38           508         38+191.14         417,672.15         73,623.49           509         38+242.32         417,627.38         73,648.29	198	37+758.68	418,029.51	73,388.95		
501         37+832.05         417,967.51         73,427.93           502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,838.70         73,545.84           506         38+028.72         417,819.91         73,556.07           507         38+100.20         417,754.71         73,585.38           508         38+191.14         417,672.15         73,623.49           509         38+242.32         417,627.38         73,648.29	199	37+780.33	418,010.32	73,398.98		
502         37+876.57         417,934.71         73,458.03           503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,838.70         73,545.84           506         38+028.72         417,819.91         73,556.07           507         38+100.20         417,754.71         73,585.38           508         38+191.14         417,672.15         73,623.49           509         38+242.32         417,627.38         73,648.29	500	37+805.84	417,988.63	73,412.41		
503         37+912.27         417,911.36         73,485.02           504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,838.70         73,545.84           506         38+028.72         417,819.91         73,556.07           507         38+100.20         417,754.71         73,585.38           508         38+191.14         417,672.15         73,623.49           509         38+242.32         417,627.38         73,648.29	501	37+832.05	417,967.51	73,427.93		
504         37+959.79         417,877.49         73,518.37           505         38+007.32         417,838.70         73,545.84           506         38+028.72         417,819.91         73,556.07           507         38+100.20         417,754.71         73,585.38           508         38+191.14         417,672.15         73,623.49           509         38+242.32         417,627.38         73,648.29	502	37+876.57	417,934.71	73,458.03		
505     38+007.32     417,838.70     73,545.84       506     38+028.72     417,819.91     73,556.07       507     38+100.20     417,754.71     73,585.38       508     38+191.14     417,672.15     73,623.49       509     38+242.32     417,627.38     73,648.29	503	37+912.27	417,911.36	73,485.02		
506     38+028.72     417,819.91     73,556.07       507     38+100.20     417,754.71     73,585.38       508     38+191.14     417,672.15     73,623.49       509     38+242.32     417,627.38     73,648.29	504	37+959.79	417,877.49	73,518.37		
507     38+100.20     417,754.71     73,585.38       508     38+191.14     417,672.15     73,623.49       509     38+242.32     417,627.38     73,648.29	505	38+007.32	417,838.70	73,545.84		
508     38+191.14     417,672.15     73,623.49       509     38+242.32     417,627.38     73,648.29	506	38+028.72	417,819.91	73,556.07		
509 38+242.32 417,627.38 73,648.29	507	38+100.20	417,754.71	73,585.38		
	508	38+191.14	417,672.15	73,623.49		
E40 2012004E 447 E00 C0 72 C72 0E	509	38+242.32	417,627.38	73,648.29		
DIU [30+200.10 ] 417,088.88   73,672.85	510	38+288.15	417,588.68	73,672.85		
511 38+607.70 417,328.03 73,857.70	511	38+607.70	417,328.03	73,857.70		
512 38+638.97 417,300.94 73,873.33	512	38+638.97	417,300.94	73,873.33		
513 38+675.05 417,268.23 73,888.57	513	38+675.05	417,268.23	73,888.57		
514 38+741.07 417,205.56 73,909.30	514	38+741.07	417,205.56	73,909.30		
515 38+919.01 417,035.20 73,960.70	515	38+919.01	417,035.20	73,960.70		
516 38+960.91 416,996.38 73,976.48	516	38+960.91	416,996.38	73,976.48		
517 38+984.49 416,975.55 73,987.53	517	38+984.49	416,975.55	73,987.53		
518 39+015.93 416,949.11 74,004.54	518	39+015.93	416,949.11	74,004.54		
519 39+056.22 416,916.74 74,028.52		39+056.22	416,916.74	74,028.52		
520 39+176.22 416,820.44 74,100.13	520	39+176.22	416,820.44	74,100.13		
521 39+183.72 416,814.43 74,104.61	521	39+183.72	416,814.43	74,104.61	_	
522 39+193.72 416,806.40 74,110.58	522	39+193.72		74,110.58		
523 39+242.61 416,768.56 74,141.53	523	39+242.61	416,768.56	74,141.53		
524 39+291.40 416,733.87 74,175.83						
525 39+426.39 416,641.75 74,274.51	525	39+426.39	416,641.75	74,274.51		
526 39+526.80 416,573.32 74,347.98						
527 39+550.38 416,558.36 74,366.21	527	39+550.38			$\neg$	
528 39+579.20 416,541.91 74,389.88	528	39+579.20				

		EMUTO - KAPEEKA			
	RIGHT OF WAY CO-ORDINATE ABSTRACT_LEFT HAND SIDE				
S/No	CHAINAGE	EASTING	NORTHING		
529	39+621.56	416,521.67	74,427.09		
530	39+657.78	416,508.37	74,460.78		
531	39+683.98	416,501.12	74,485.96		
532	39+739.82	416,490.40	74,540.76		
533	40+022.32	416,438.74	74,818.50		
534	40+202.27	416,405.83	74,995.41		
535	40+223.75	416,401.17	75,016.38		
536	40+254.87	416,391.72	75,046.03		
537	40+290.32	416,377.25	75,078.39		
538	40+323.81	416,360.12	75,107.16		
539	40+401.31	416,317.58	75,171.95		
540	40+626.73	416,194.20	75,360.60		
541	40+664.79	416,174.82	75,393.36		
542	40+702.85	416,156.69	75,426.82		
543	40+751.05	416,135.54	75,470.14		
544	40+796.73	416,117.42	75,512.07		
545	40+839.86	416,102.06	75,552.37		
546	40+895.59	416,084.75	75,605.35		
547	40+957.84	416,066.37	75,664.82		
548	40+987.62	416,058.41	75,693.52		
549	41+008.22	416,054.58	75,713.76		
550	41+093.22	416,029.97	75,795.12		

	MATUGGA - SEMU			
	RIGHT OF WAY CO	O-ORDINATE ABSTR	ACT_RIGHT HAND S	IDE
S/No	CHAINAGE	EASTING	NORTHING	
1	0+000.00	446,616.28	51,784.89	
2	0+001.66	446,617.27	51,783.56	
3	0+004.13	446,617.89	51,781.17	
4	0+006.24	446,617.53	51,779.09	
5	0+007.96	446,616.67	51,777.60	
6	0+011.50	446,614.06	51,775.20	
7	0+013.93	446,611.92	51,774.05	
8	0+020.41	446,605.81	51,771.91	
9	0+025.94	446,600.38	51,770.87	
10	0+072.47	446,554.08	51,766.26	
11	0+077.36	446,549.19	51,766.21	
12	0+091.93	446,534.80	51,768.51	
13	0+096.96	446,529.78	51,768.40	
14	0+130.52	446,496.68	51,762.80	
15	0+143.95	446,483.58	51,759.82	
16	0+165.81	446,461.77	51,758.52	
17	0+188.94	446,438.64	51,758.82	
18	0+215.85	446,411.82	51,761.00	
19	0+244.00	446,384.10	51,765.91	
20	0+260.49	446,368.83	51,772.16	
21	0+317.85	446,314.66	51,791.00	
22	0+377.59	446,262.51	51,820.15	
23	0+418.25	446,230.38	51,845.05	
24	0+483.98	446,184.65	51,892.27	
25	0+949.93	445,871.93	52,237.69	
26	1+133.98	445,748.40	52,374.12	
27	1+194.22	445,707.89	52,418.72	
28	1+235.07	445,679.14	52,447.74	
29	1+278.48	445,646.83	52,476.73	
30	1+344.85	445,594.18	52,517.12	
31	1+431.62	445,520.08	52,562.28	
32	1+495.43	445,462.39	52,589.57	
33	1+554.15	445,407.36	52,610.05	
34	1+612.28	445,351.56	52,626.32	
35	1+957.28	445,019.31	52,719.26	
36	2+189.88	444,795.30	52,781.88	
37	2+340.97	444,648.15	52,816.14	
38	2+466.24	444,524.80	52,838.00	
39	2+683.74	444,310.53	52,875.37	
40	2+855.54	444,141.34	52,905.20	
41	2+907.81	444,091.53	52,921.03	
42	2+941.10	444,061.59	52,935.60	
43	2+967.26	444,039.35	52,949.37	
44 45	2+983.91	444,025.85	52,959.12	l
45 46	3+031.44	443,990.60	52,991.00	l
46 47	3+062.35	443,970.64	53,014.60	l
47	3+103.89 3+145.24	443,947.88 443,927.69	53,049.35 53.085.43	
48 49	3+145.24	443,927.69	53,085.43	
49 50	3+216.25	443,890.88	53,146.16	
51	3+249.24	443,872.36	53,173.46	
52				<b> </b>
52 53	3+379.83 3+439.82	443,790.84 443,755.05	53,275.34 53,323.48	l
54	3+459.99	443,755.05	53,323.48	l
55	3+459.99	443,745.12	53,341.03	
56	3+621.31	443,672.11	53,439.23	l
57	3+681.05	443,604.88	53,469.20	
57 58				l
58 59	3+717.54 3+830.35	443,574.97 443,477.62	53,532.25 53,589.26	l
60	3+830.35	443,477.62		
			53,635.41	l
61 62	4+004.03 4+098.31	443,332.59 443.257.51	53,684.73 53,741.75	<del>                                     </del>
63	4+180.19 4+325.94	443,194.57 443,083.79	53,794.13 53,888.85	l

	MATUGGA - SEN			
	RIGHT OF WAY	CO-ORDINATE ABSTR	RACT_RIGHT HAND SID	DE
S/No	CHAINAGE	EASTING	NORTHING	
65	4+404.86	443,019.31	53,934.36	
66	4+484.27	442,951.49	53,975.66	
67	4+538.96	442,906.04	54,006.07	
68	4+612.52	442,848.49	54,051.90	
69	4+720.46	442,772.37	54,128.42	
70	4+925.56	442,637.23	54,282.70	
71	4+970.08	442,605.45	54,313.88	
72	5+043.31	442.544.80	54,354.92	
73	5+095.44	442,498.31	54,378.50	
74	5+130.89	442.468.39	54.397.51	
75	5+181.00	442,430,44	54.430.25	
76	5+285.33	442,360.67	54,507.82	
77	5+418.71	442,271.17	54,606.71	
78	5+457.54	442,242.42	54,632.80	
79	5+496.37	442.211.45	54,656.22	
80	5+563.62	442,153.27	54,689.95	
81	5+597.27	442,122.40	54,703.36	
82	5+656.78	442,065.59	54,721.06	
83 84	5+716.28 5+834.13	442,006.90 441.889.14	54,730.87 54,735.22	
	5+862.23		54,735.22	
85		441,861.29		
86 87	5+899.69	441,825.30	54,749.39	
88	5+953.46	441,777.69	54,774.40	
	5+990.92	441,748.74	54,798.16	
89	6+045.94	441,713.45	54,840.37	
90	6+423.60	441,484.77	55,140.93	
91	6+447.59	441,470.28	55,160.05	
92	6+475.80	441,450.86	55,180.51	
93	6+802.25	441,248.04	55,436.31	
94	6+959.06	441,152.76	55,560.86	
95	7+112.01	441,057.30	55,680.36	
96	7+137.76	441,040.17	55,699.58	
97	7+179.81	441,010.40	55,729.28	
98	7+228.99	440,973.77	55,762.10	
99	7+266.49	440,945.99	55,787.28	
100	7+307.79	440,916.26	55,815.95	
101	7+359.30	440,883.39	55,855.62	
102	7+488.34	440,807.57	55,960.03	
103	7+683.00	440,692.92	56,117.35	
104	7+747.46	440,655.26	56,169.66	
105	8+198.24	440,390.61	56,534.57	
106	8+618.16	440,147.98	56,877.30	
107	8+718.13	440,090.92	56,959.39	
108	8+813.16	440,034.16	57,035.61	
109	8+973.15	439,942.00	57,166.39	
110	9+007.57	439,924.38	57,195.95	
111	9+264.10	439,776.34	57,405.46	
112	9+507.57	439,636.37	57,604.67	
113	9+773.26	439,483.23	57,821.79	
114	9+873.41	439,425.34	57,903.51	
115	9+973.71	439,365.93	57,984.33	
116	10+104.06	439,286.35	58,087.56	
117	10+236.56	439,204.35	58,191.64	
118	10+292.45	439,171.05	58,236.53	
119	10+316.23	439,159.20	58,257.15	
120	10+347.15	439,146.34	58,285.26	
121	10+385.18	439,134.66	58,321.46	
122	10+731.87	439,067.42	58,661.56	
123	10+762.28	439,067.42	58,661.56	
123	10+762.28	439,066.55	58,691.96	
124	10+827.33		58,755.26 58,813.79	
126		439,040.95		
126	10+946.38 11+030.73	439,029.61	58,872.26	
	11+030.73	439,020.08	58,956.08	
128	117078.50	439,015.96	59,003.67	

	MATUGGA - SEMU			
	RIGHT OF WAY CO	O-ORDINATE ABSTRA		IDE
S/No	CHAINAGE	EASTING	NORTHING	
129	11+109.94	439,011.00	59,034.71	
130	11+172.74	438,992.23	59,094.65	
131	11+223.43	438,966.70	59,138.44	
132	11+287.40	438,932.89	59,192.74	
133	11+332.40	438,909.10	59,230.94	
134	11+422.40	438,861.53	59,307.34	
135	11+483.49	438,830.60	59,360.02	
136	11+726.10	438,703.13	59,566.45	
137	11+897.41	438,612.58	59,711.87	
138	11+930.80	438,596.48	59,741.13	
139	11+976.11	438,579.77	59,783.23	
140	12+021.41	438,569.26	59,827.30	
141	12+134.99	438,559.99	59,940.50	
142	12+185.37	438,551.55	59,990.16	
143	12+230.46	438,535.86	60,032.44	
144	12+275.56	438,512.95	60,071.28	
145	12+318.01	438,485.46	60,103.63	
146	12+360.45	438,452.98	60,130.96	
147	12+397.61	438,421.18	60,150.17	
148	12+432.02	438,389.53	60,163.68	
149	12+503.71	438,321.18	60,185.31	
150	12+587.99	438,240.75	60,210.49	
151	12+641.08	438,189.20	60,223.19	
152	12+759.06	438,073.80	60,247.72	
153	12+802.31	438,031.66	60,257.46	
154	12+842.72	437,993.93	60,271.91	
155	12+880.76	437,960.51	60,290.09	
156	12+914.04	437,933.41	60,309.42	
157	12+952.08	437,905.33	60,335.08	
158	13+008.54	437,867.67	60,377.14	
159	13+110.27	437,800.18	60,453.26	
160	13+193.38	437,745.03	60,515.44	
161 162	13+225.23	437,724.84	60,540.06	
163	13+263.71 13+352.94	437,703.32	60,571.97	
164	13+352.94	437,662.05	60,651.07	
165	13+401.44	437,637.65 437,597.78	60,693.00	
166	13+490.65	437,583.55	60,745.97	
167	13+536.44	437,553.55	60,763.92 60,798.40	
168 169	13+572.06 13+620.40	437,528.49 437.492.68	60,823.84 60.856.32	
170	13+620.40			
170	13+658.57	437,462.90 437.394.28	60,880.19 60,927.38	
172	13+741.85	437,394.28	60,927.38	
173	13+906.75	437,253.67	61,013.06	
174	13+950.75	437,253.67	61,026.99	
175	13+982.13	437,211.74	61,033.30	
176	14+022.32	437,161.17	61,037.03	
177	14+111.18	437,052.34	61,039.45	
178	14+200.28	436,963.35	61,043.78	
179	14+239.36	436,924.64	61,049.09	
180	14+293.08	436,872.24	61,060.96	
181	14+371.56	436,798.34	61,087.36	
182	14+432.27	436,744.45	61,115.33	
183	14+471.35	436,711.51	61,136.36	
184	14+522.64	436,670.76	61,167.50	
185	14+573.93	436,633.15	61,202.37	
186	14+622.89	436,600.51	61,238.86	
187	14+783.17	436,500.74	61,364.31	
188	15+001.58	436,360.74	61,531.69	
189	15+055.05	436,360.44	61,568.60	
190	15+095.80	436,290.68	61,594.97	
191	15+156.91	436,290.66	61,631.54	
192	15+279.17	436,139.29	61,698.29	

	MATUGGA - SEMUTO - KAPEEKA			
	RIGHT OF WAY CO	D-ORDINATE ABSTR	RACT_RIGHT HAND S	DE
S/No	CHAINAGE	EASTING	NORTHING	
193	15+340.48	436,090.77	61,735.77	
194	15+701.44	435,832.43	61,987.87	
195	16+029.19	435,602.92	62,221.84	
196	16+090.23	435,557.97	62,263.14	
197	16+136.25	435,522.29	62,292.21	
198	16+189.45	435,479.04	62,323.18	
199	16+436.96	435,273.44	62,461.00	
200	16+491.87	435,231.69	62,496.66	
201	16+610.01	435,145.67	62,577.63	
202	16+884.63	434,937.08	62,756.27	
203	17+160.65	434,727.34	62,935.70	
204	17+361.90	434,574.16	63,066.22	
205	17+610.09	434,385.92	63,227.97	
206	17+802.31	434,242.26	63,355.69	
207	18+009.22	434,089.22	63,494.94	
208	18+276.48	433,896.57	63,680.19	
209	18+404.54	433,802.84	63,767.44	
210	18+509.54	433,725.84	63,838.83	
211	18+582.09	433,670.97	63,886.28	
212	18+634.72	433,635.00	63,924.71	
213	18+698.11	433,608.47	63,982.27	
214	18+717.36	433,602.30	64,000.51	
215	18+748.73	433,594.30	64,030.84	
216	18+784.24	433,592.40	64,066.30	
217	18+858.98	433,597.98	64,140.83	
218	18+890.42	433,593.48	64,171.94	
219	18+921.85	433,585.99	64,202.48	
220	18+968.99	433,569.32	64,246.57	
221	19+021.35	433,543.54	64,292.15	
222	19+102.39	433,490.07	64,353.04	
223	19+371.35	433,269.27	64,506.61	
224	19+527.28 19+597.38	433,140.46	64,594.50	
226		433,077.93	64,626.19	
	19+633.77	433,043.54	64,638.07	
227	19+692.28	432,986.27	64,650.02	
228	19+753.23	432,925.45	64,654.04	
229	19+792.22 19+833.65	432,886.57	64,651.06 64,643.71	
231	19+833.65	432,845.80 432,774.13	64,628.45	
232	19+934.33	432,747.25		
233	19+999.99	432,681.70	64,623.12 64,619.26	
234	20+077.02	432,605.19	64,628.18	
235	20+144.44	432,540.67	64,647.76	
236	20+195.03	432,494.91	64,669.33	
237	20+274.98	432,427.21	64,711.86	
238	20+274.98	432,427.21	64,824.38	
239	20+716.33	432,253.09	64,951.78	
240	20+830.32	431,961.70	65,014.66	
241	20+878.80	431,924.55	65,045.81	
242	20+927.28	431,890.70	65,080.51	
243	20+973.33	431,861.90	65,116.46	
244	21+074.40	431,808.57	65,202.31	
245	21+190.14	431,747.36	65,300.54	
246	21+338.71	431,660.75	65,421.25	
247	21+723.56	431,424.52	65,725.07	
248	21+780.60	431,389.98	65,770.47	
249	21+913.26	431,308.72	65,875.32	
250	21+957.75	431,280.09	65,909.37	
251	22+017.48	431,233.81	65,947.13	
252	22+056.35	431,200.33	65,966.88	
253	22+220.54	431,051.68	66,036.62	
254	22+220.54	431,051.68	66,060.97	
255	22+388.95	430,902.52	66,114.68	
		+30,80Z.3Z	66,154.53	

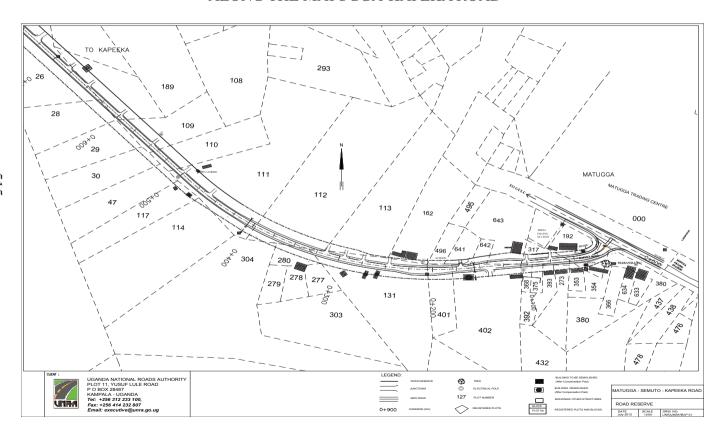
	MATUGGA - SEMI	JTO - KAPEEKA		T
		O-ORDINATE ABSTRA	CT_RIGHT HAND S	IDE
S/No	CHAINAGE	EASTING	NORTHING	
257	22+573.06	430,736.94	66,195.10	
258	22+937.33	430,389.09	66,303.26	
259	22+994.35	430,332.93	66,313.11	
260	23+043.60	430,283.73	66,315.35	
261	23+161.00	430,166.68	66,306.32	
262	23+256.72	430,071.31	66,298.08	
263	23+287.64	430,040.40	66,297.93	
264	23+325.67	430,002.60	66,302.19	
265	23+361.34	429,967.94	66,310.58	
266	23+401.75	429,930.21	66,325.04	
267	23+439.79	429,896.81	66,343.26	
268	23+556.11	429,798.64	66,405.67	
269	23+783.70	429,607.14	66,528.64	
270	23+943.79	429,472.39	66,615.07	
271	23+994.70	429,429.53	66,642.55	
272	24+019.82	429,407.13	66,653.93	
273	24+089.83	429,348.18	66,691.68	
274	24+114.95	429,328.48	66,707.27	
275	24+327.45	429,149.54	66,821.88	
276	24+512.32	428,993.97	66,921.76	
277	24+734.66	428,808.93	67,045.03	
278	24+949.66	428,630.13	67,164.43	
279	25+257.16	428,374.41	67,335.21	
280	25+434.72	428,226.73	67,433.78	
281	25+650.33	428,044.45	67,548.95	
282	25+907.65	427,824.12	67,681.85	
283	26+070.33	427,684.81	67,765.88	
284	26+189.62	427,582.89	67,827.86	
285	26+218.49	427,559.52	67,844.81	
286	26+286.42	427,508.28	67,889.41	
287	26+315.10	427,489.96	67,911.47	
288	26+344.15	427,473.11	67,935.14	
289	26+524.07	427,375.38	68,086.20	
290	26+547.79	427,363.49	68,106.73	
291	26+599.59	427,347.67	68,156.05	
292	26+625.35	427,342.91	68,181.37	
293	26+668.35	427,338.23	68,224.11	
294	26+677.25	427,336.34	68,232.81	
295	26+686.15	427,333.72	68,241.32	
296	26+745.45	427,312.69	68,296.76	
297	26+756.26	427,309.07	68,306.95	l
298	26+768.79	427,302.64	68,317.70	
299	26+780.78	427,294.44	68,326.46	
300	26+788.94	427,287.13	68,330.09	
301	26+801.49	427,275.09	68,333.59	
302	26+826.52	427,250.17	68,335.99	
303	26+846.99	427,230.30	68,331.06	
304	26+860.76	427,218.00	68,324.86	
305	26+884.22	427,198.78	68,311.43	
306	26+926.43	427,169.25	68,281.26	
307	26+945.70	427,153.10	68,270.76	-
308	26+999.32	427,106.32	68,244.55	l
309	27+046.72	427,063.94	68,223.32	
310	27+092.42	427,019.72	68,211.80	-
311 312	27+185.87 27+219.61	426,927.57	68,196.22	
		426,893.91	68,193.89	l
313	27+310.82	426,802.78	68,190.26	l
314	27+346.16	426,767.93	68,184.36	
315	27+404.50	426,710.93	68,171.97	
316	27+441.19	426,674.73	68,165.95	
317	27+521.87	426,594.30	68,159.57	
318	27+605.00	426,511.24	68,162.94	ļ
319	27+774.19	426,343.92	68,188.00	ļ
320	28+063.57	426,057.98	68,232.51	1

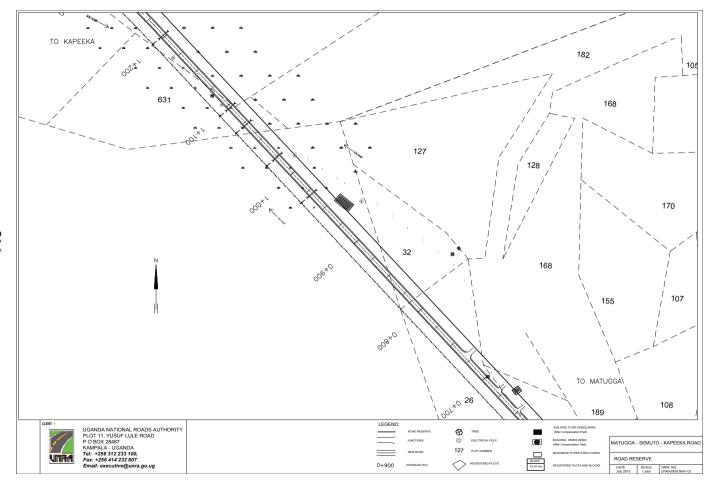
	MATUGGA - SEMUTO - KAPEEKA				
	RIGHT OF WAY CO-ORDINATE ABSTRACT_RIGHT HAND SIDE				
S/No	CHAINAGE	EASTING	NORTHING		
321	28+102.20	426,020.28	68,240.94		
322	28+118.85	426,004.45	68,246.08		
323	28+159.26	425,967.39	68,262.20		
324	28+192.55	425,938.76	68,279.18		
325	28+228.21	425,910.43	68,300.84		
326	28+263.87	425,884.90	68,325.74		
327	28+430.62	425,778.82	68,454.40		
328	28+734.33	425,586.09	68,689.11		
329	28+799.38	425,543.94	68,738.67		
330	28+836.06	425,516.90	68,763.44		
331	28+893.64	425,469.26	68,795.79		
332	28+938.84	425,427.27	68,812.52		
333	28+957.49	425,409.52	68,818.28		
334	29+066.53	425,303.42	68,843.37		
335	29+139.08	425,235.92	68,869.98		
336	29+250.29	425,141.21	68,928.25		
337	29+332.44	425,072.19	68,972.82		
338	29+375.42	425,035.39	68,995.03		
339	29+501.43	424,938.54	69,075.64		
340	29+655.79	424,820.96	69,175.66		
341	29+786.80	424,721.06	69,260.41		
342	29+845.54	424,673.34	69,294.65		
343	29+903.97	424,625.84	69,328.68		
344	29+957.66	424,577.50	69,352.06		
345	29+999.91	424,538.12	69,367.36		
346	30+094.01	424,448.16	69,394.94		
347	30+139.17	424,406.44	69,412.23		
348	30+191.44	424,362.11	69,439.92		
349	30+215.22	424,343.73	69,455.01		
350	30+246.13	424,321.76	69,476.76		
351	30+349.72	424,258.39	69,558.70		
352	30+704.22	424,044.91	69,841.71		
353	30+958.23	423,892.00	70,044.54		
354	31+008.82	423,859.20	70,083.06		
355	31+055.15	423,825.99	70,115.38		
356	31+101.48	423,790.02	70,144.57		
357	31+173.19	423,729.60	70,183.20		
358 359	31+234.53 31+308.41	423,674.00 423,609.94	70,209.09 70,245.89		
360	31+407.64				
361	31+438.31	423,523.80 423,498.39	70,295.16 70,312.33		
362	31+718.99	423,254.84	70,451.85		
	31+870.90				
363 364	31+870.90	423,122.99 423,022.71	70,527.29 70,577.50		
365	32+029.89	422,980.78	70,598.39		
366	32+182.39	422,840.84	70,659.00		
367	32+334.10	422,701.89	70,719.89		
368	32+377.74	422,663.71	70,741.02		
369	32+436.83	422,603.71	70,774.18		
370	32+725.71	422,378.14	70,774.16		
371 372	32+893.05 33+238.52	422,241.00 421,958.40	71,035.74 71,234.45		
373	33+282.16				
374	33+282.16	421,925.26 421,899.69	71,262.84 71,288.70		
375	33+360.47	421,872.66	71,288.70		
376	33+360.47	421,872.66	71,320.77		
377	33+554.44	421,766.53	71,483.10		
377					
	33+610.00	421,728.97	71,524.03		
379	33+632.32	421,712.92	71,539.54		
380	33+669.20	421,683.92	71,562.33		
381 382	33+729.24 33+771.03	421,631.55 421,592.48	71,591.69 71,606.53		
382	33+771.03	421,592.48	71,606.53		
383	33+828.51	421,567.26	71,613.36		
304	337020.51	421,536.42	7 1,0 19.01		

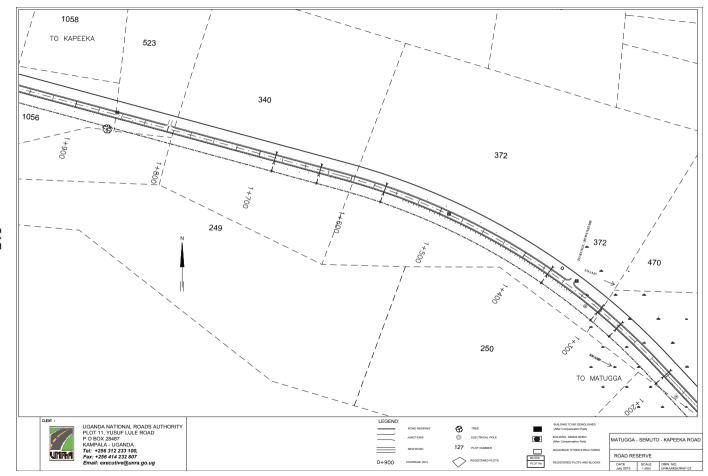
	MATUGGA - SEMU	ITO - KAPEEKA		
		O-ORDINATE ABSTRA	CT_RIGHT HAND S	IDE
S/No	CHAINAGE	EASTING	NORTHING	
385	33+945.55	421,419.73	71,627.93	
386	34+009.65	421,357.96	71,645.10	
387	34+042.94	421,327.80	71,659.18	
388	34+310.01	421,099.35	71,797.51	
389	34+550.48	420,894.28	71,923.09	
390	34+701.78	420.765.53	72.002.57	
391	34+876.08	420,620.13	72,098.69	
392	35+096.08	420,441.04	72.226.47	
393	35+141.15	420,405.86	72,254.64	
394	35+401.15	420,194.20	72,405.64	
395	35+571.40	420,055.46	72,504.30	
396	35+657.03	419,983.93	72,551.38	
397	35+785.05	419,873.83	72,616.70	
398	35+952.54	419,728.96	72,700.77	
399	36+075.37	419,622.60	72,762.20	
400	36+138.80	419,566.14	72,791.09	
400	36+268.76	419,446.81	72,791.09	l
402	36+649.35	419,446.61	72,842.60	l
402	36+649.35	419,096.53	72,991.42	
403	37+389.39	418,754.86		
404	37+389.39	418,415.26	73,280.43	<b> </b>
			73,305.76	
406	37+654.26	418,166.46	73,371.02	
407 408	37+695.42 37+760.01	418,127.58 418,066.56	73,384.52 73,405.69	<del>                                     </del>
408				
	37+786.17	418,042.51	73,415.98	
410	37+821.83	418,011.36	73,433.35	
411	37+858.26	417,981.99	73,454.90	
412	37+882.69	417,963.78	73,471.17	
413	37+940.55	417,925.28	73,514.37	
414	37+974.94	417,900.47	73,538.20	
415	38+029.95	417,855.93	73,570.47	
416	38+071.96	417,818.59	73,589.73	
417	38+111.99	417,782.02	73,605.98	
418	38+183.73	417,716.52	73,635.26	
419	38+232.77	417,672.62	73,657.13	
420	38+301.45	417,613.62	73,692.28	
421	38+570.86	417,393.95	73,848.26	
422	38+642.05	417,335.23	73,888.49	
423	38+732.65	417,252.86	73,926.22	
424	38+859.50	417,131.34	73,962.60	
425	38+941.38	417,053.01	73,986.46	
426	38+976.28	417,020.26	73,998.53	
427	39+023.81	416,978.35	74,020.94	
428	39+251.64	416,795.91	74,157.41	
429	39+288.01	416,769.30	74,182.20	
430	39+332.04	416,739.08	74,214.21	
431	39+534.14	416,601.68	74,362.43	
432	39+556.38	416,586.60	74,378.77	
433	39+581.64	416,571.59	74,399.10	
434	39+611.08	416,556.53	74,424.39	
435	39+643.99	416,542.09	74,453.96	İ
436	39+689.62	416,529.16	74,497.73	
437	39+718.21	416,523.78	74,525.80	i
438	39+914.10	416,488.14	74,718.43	
439	40+014.47	416,469,57	74.817.06	
440	40+201.83	416,435.16	75,001.24	
441	40+241.34	416,425.64	75,039.58	i e
442	40+275.66	416,413.67	75,071.75	
443	40+309.73	416,398.58	75,102.29	l
444	40+428.06	416,334.05	75,201.48	l
445	40+494.28	416,297.70	75,256.83	<del>                                     </del>
446	40+665.20	416,200.69	75,397.54	<del>                                     </del>
447	40+665.20	416,200.69	75,456.11	<b>-</b>
448	40+781.87	416,169.31	75,501.70	l

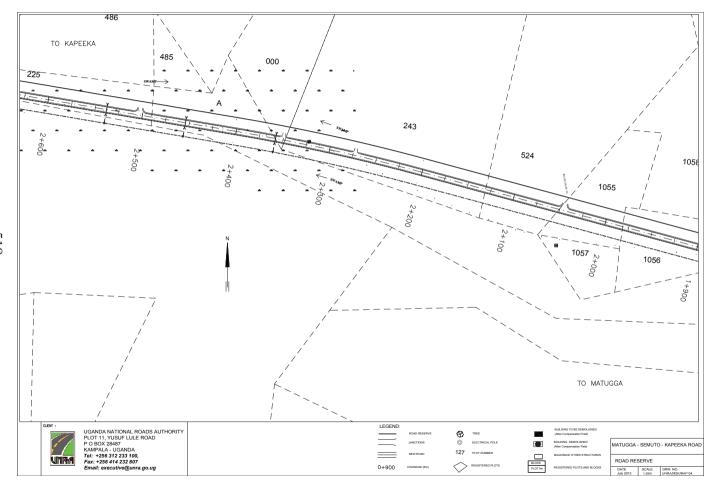
	MATUGGA - SEMI				
	RIGHT OF WAY CO-ORDINATE ABSTRACT_RIGHT HAND SIDE				
S/No	CHAINAGE	EASTING	NORTHING		
449	40+809.18	416,137.73	75,526.92		
450	40+824.18	416,133.99	75,541.44		
451	40+873.74	416,117.44	75,588.16		
452	40+950.32	416,095.05	75,661.39		
453	40+993.74	416,083.86	75,703.34		
454	41+024.68	416,074.89	75,732.96		
455	41+097.18	416,053.90	75,802.35		
	1				

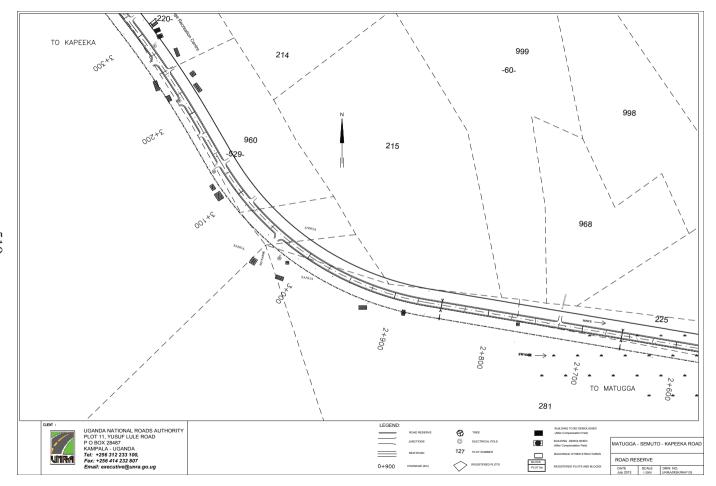
### PART II —MAPS OF THE LAND TO BE ACQUIRED FOR THE ROAD RESERVE ALONG THE MATUGGA-KAPEKA ROAD

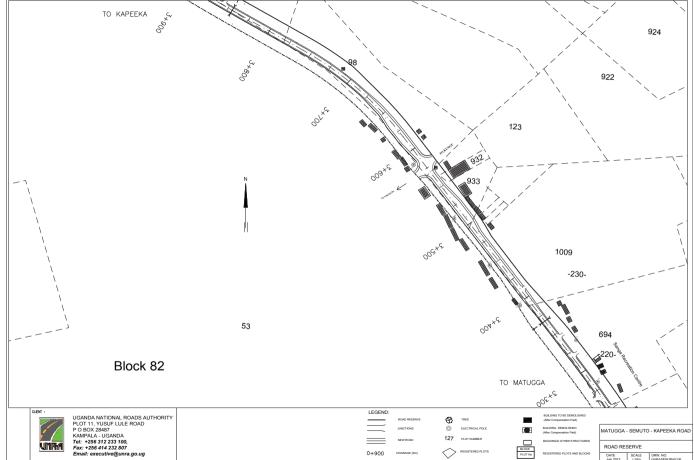


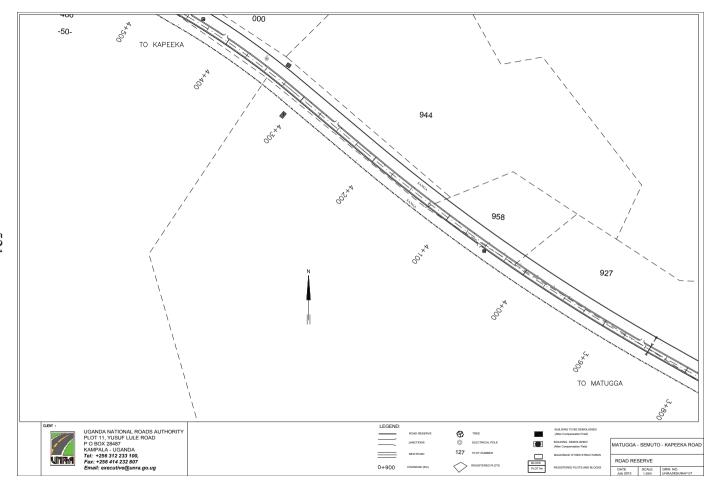


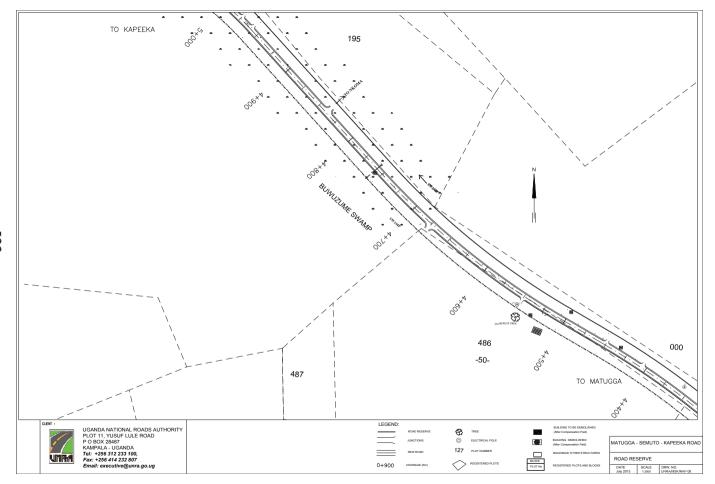


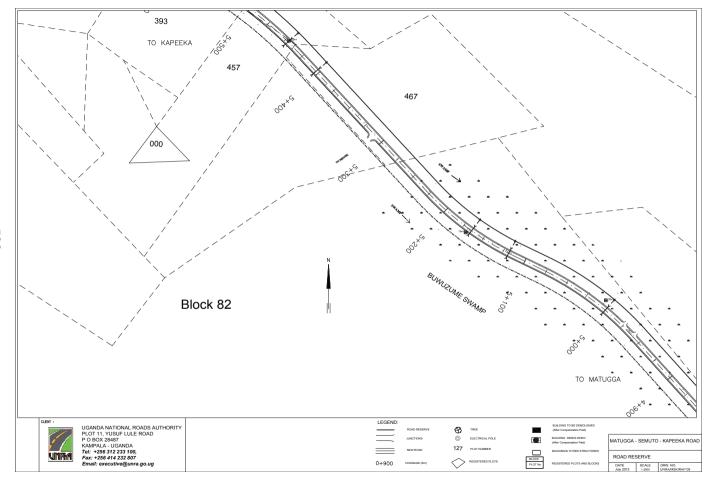


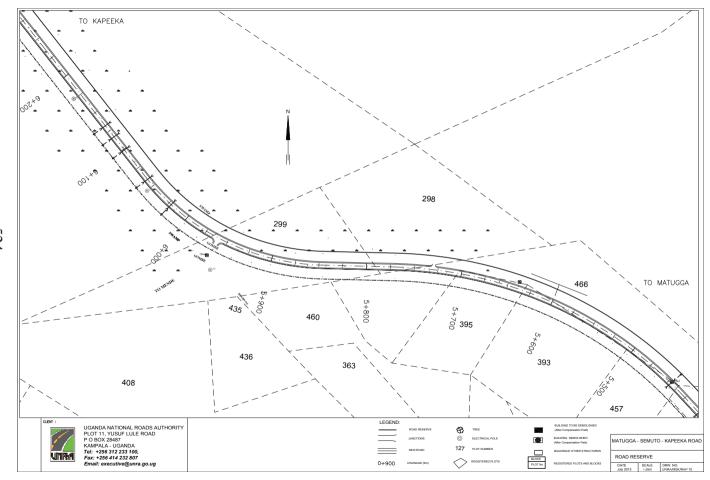


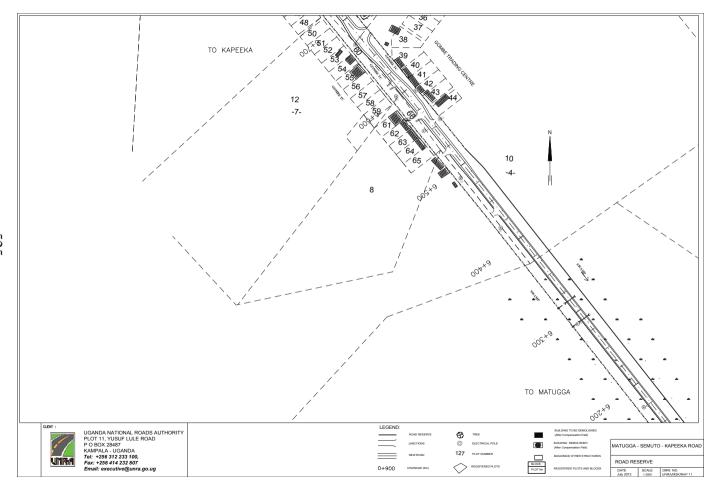


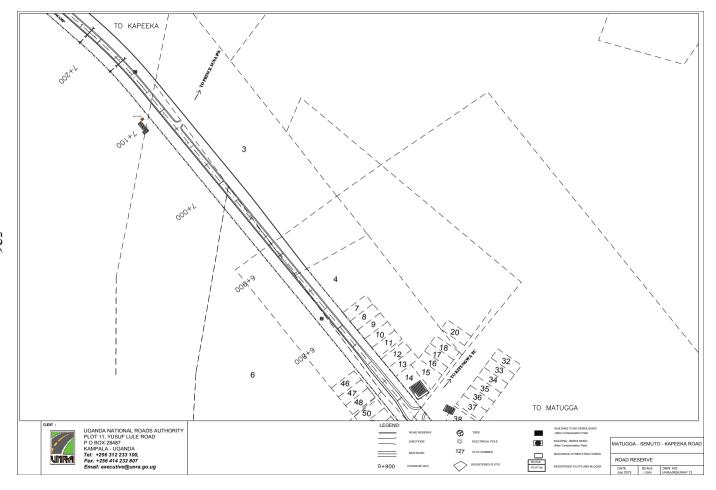


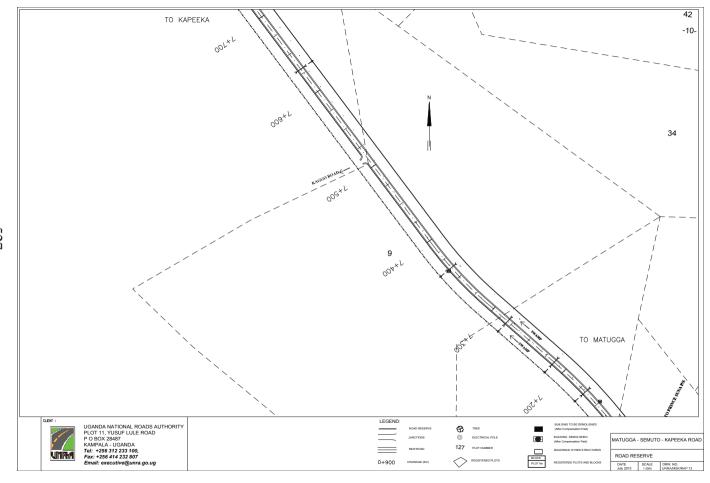


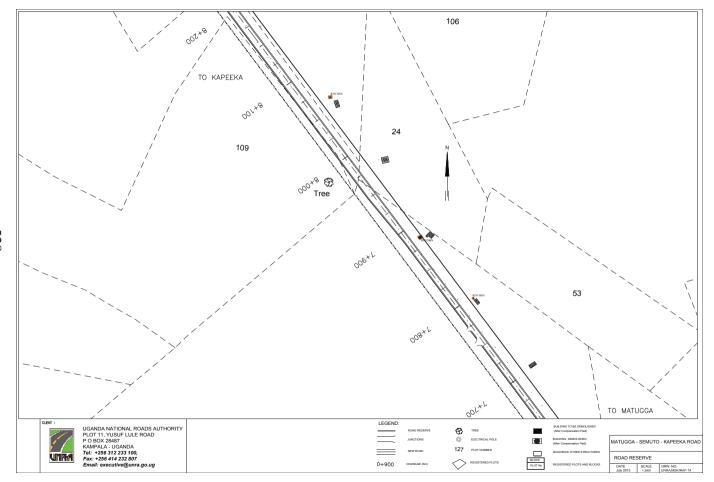


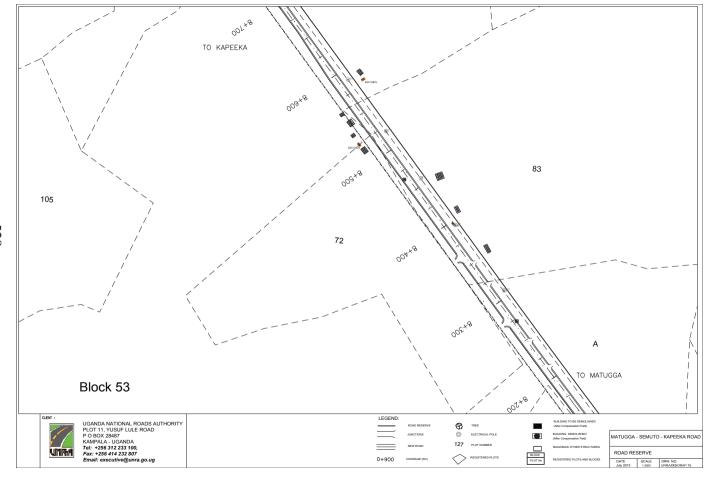


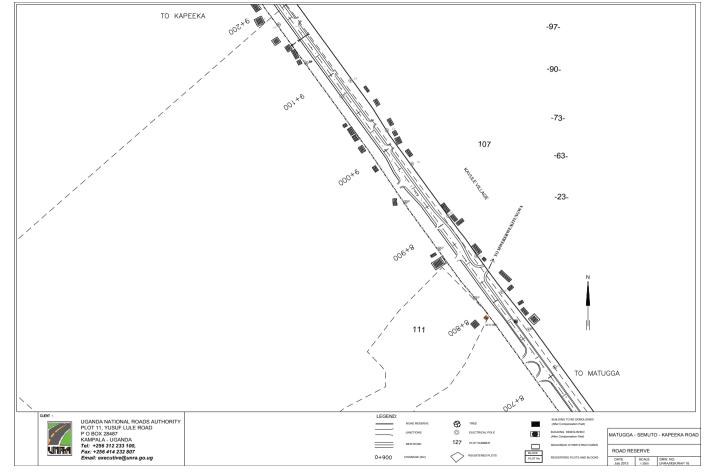


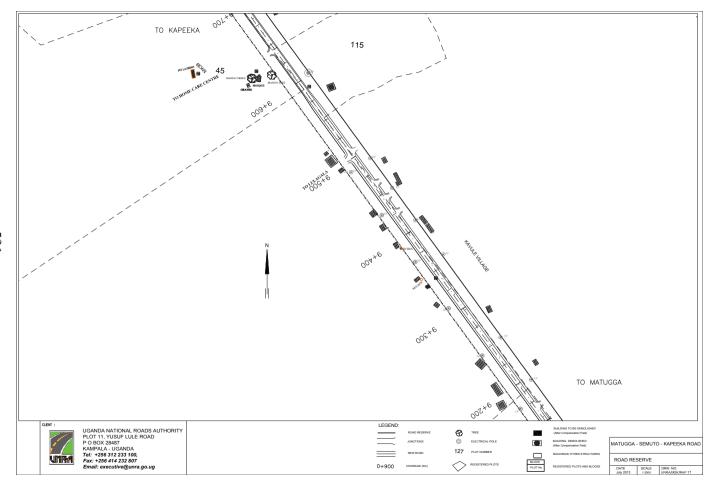


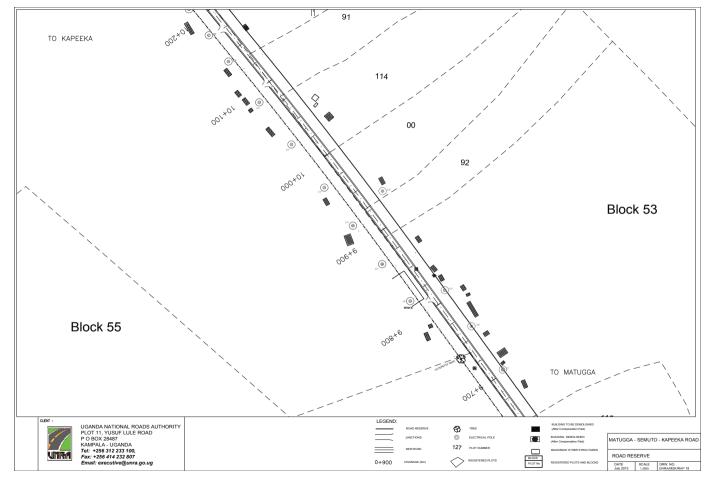


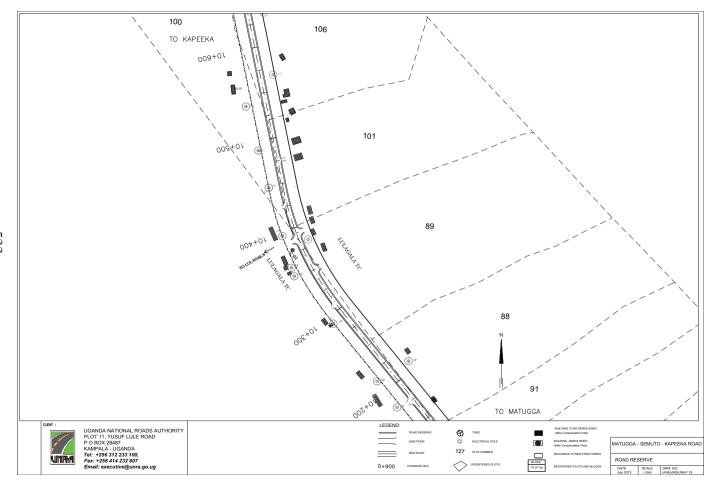


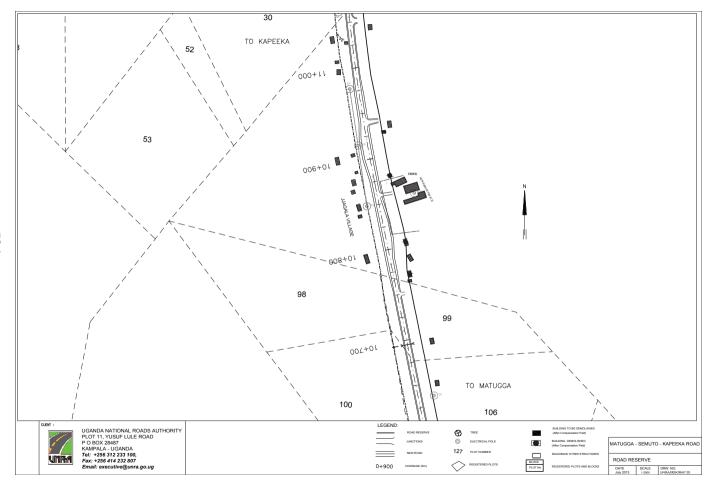


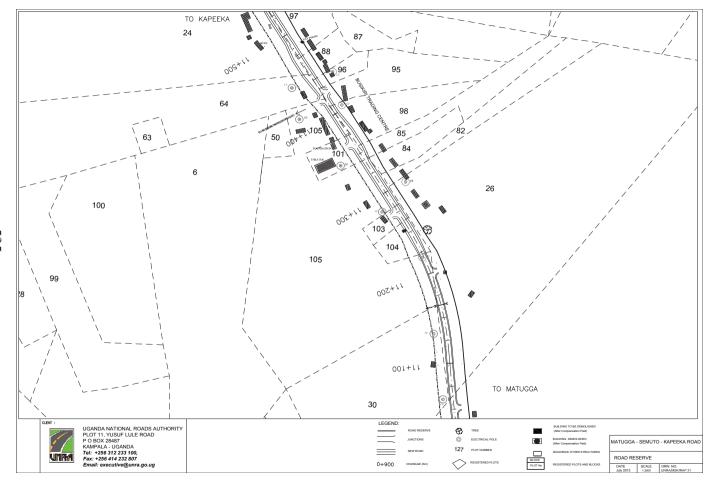


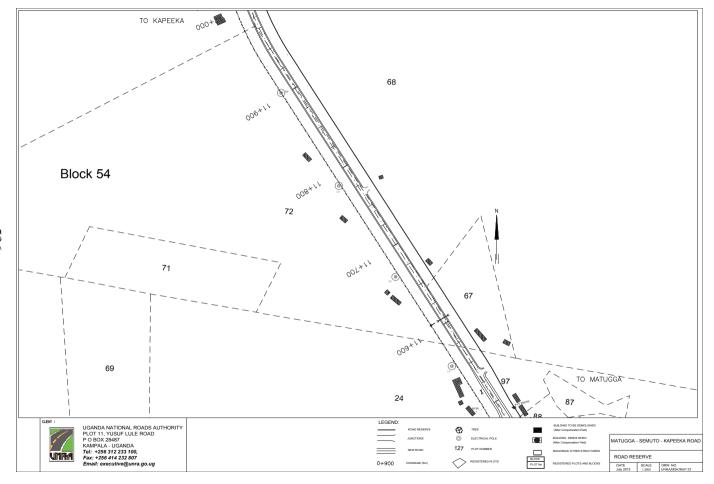


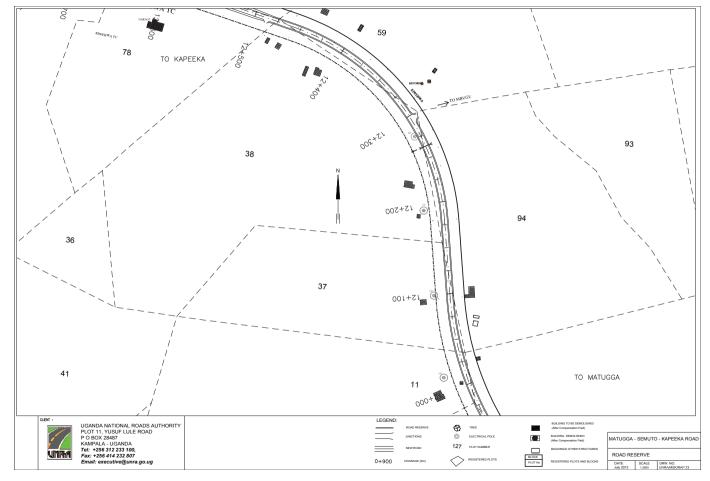


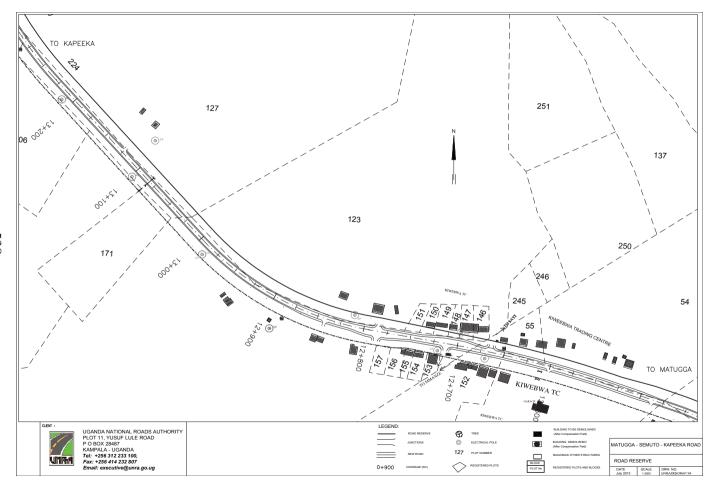


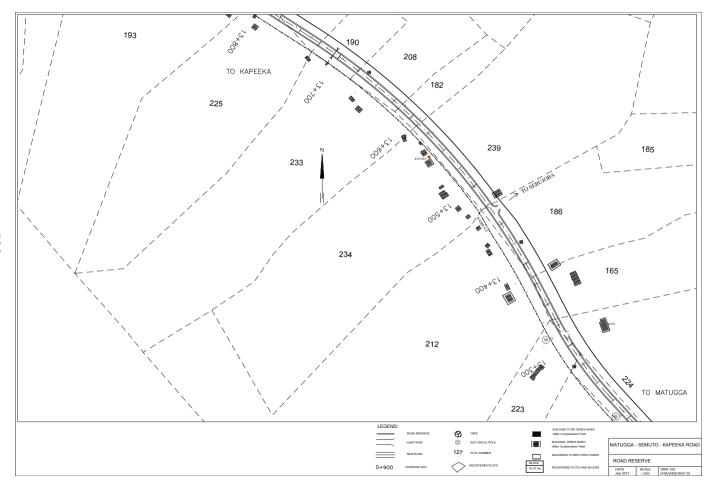


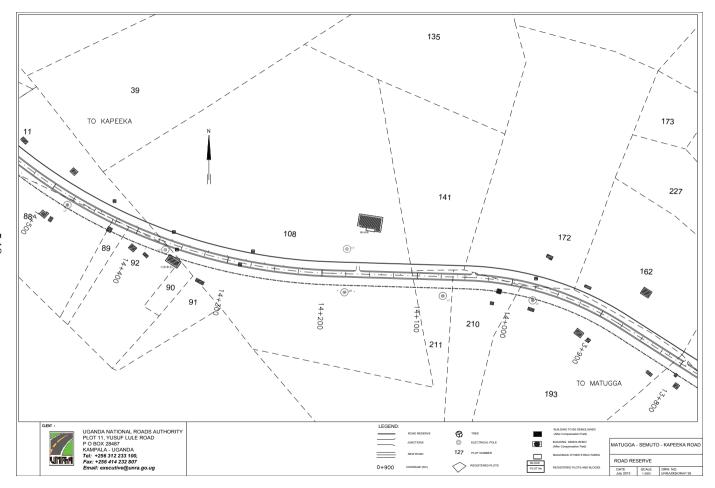


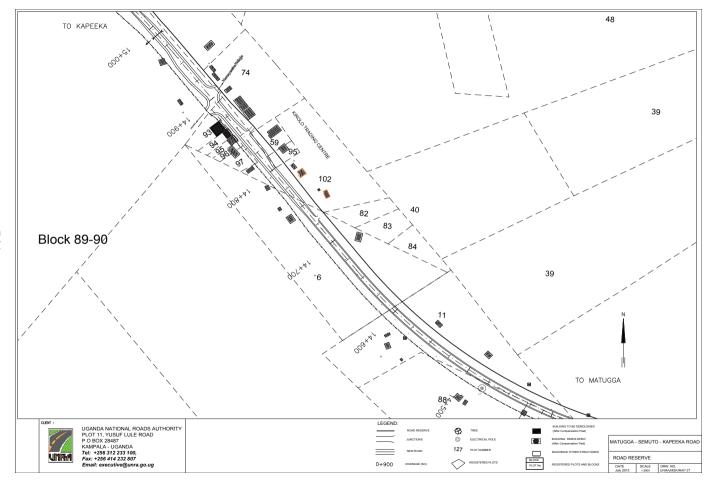


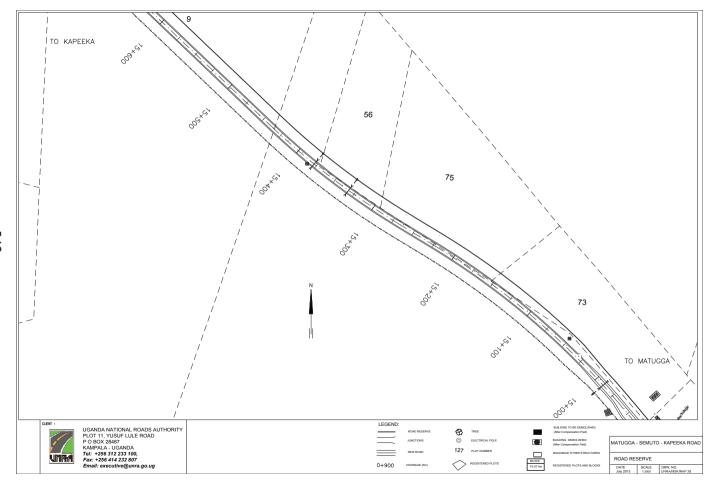


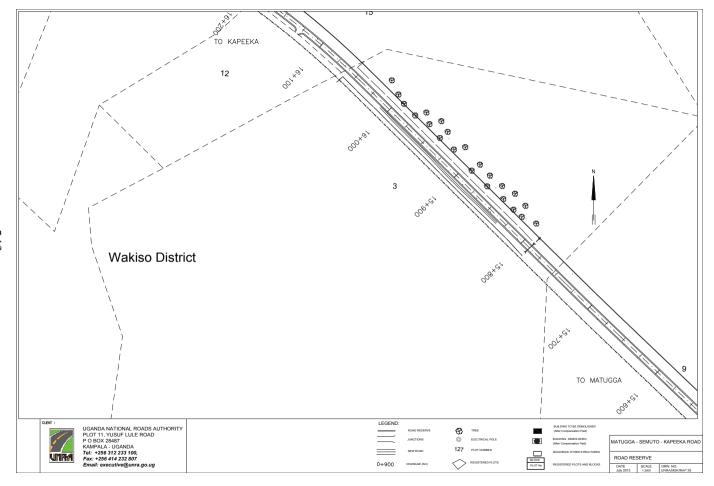


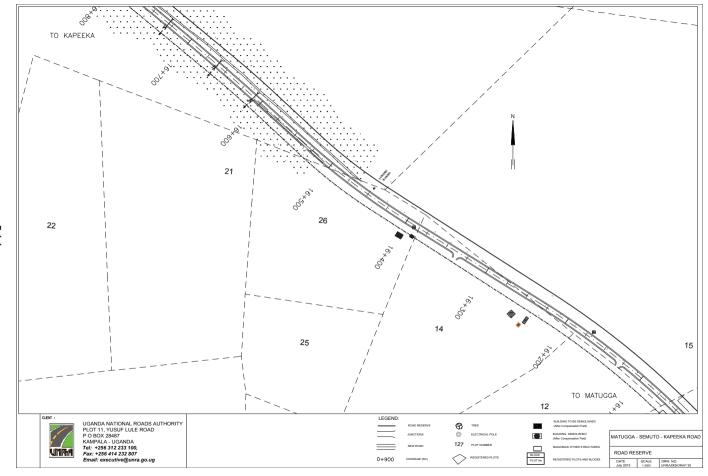


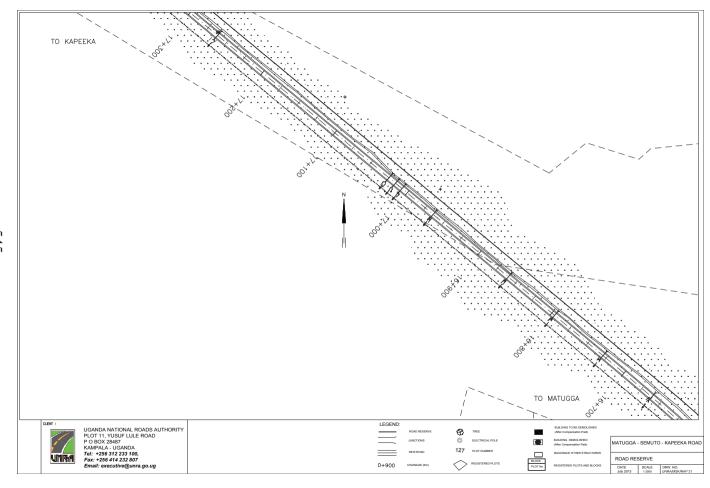


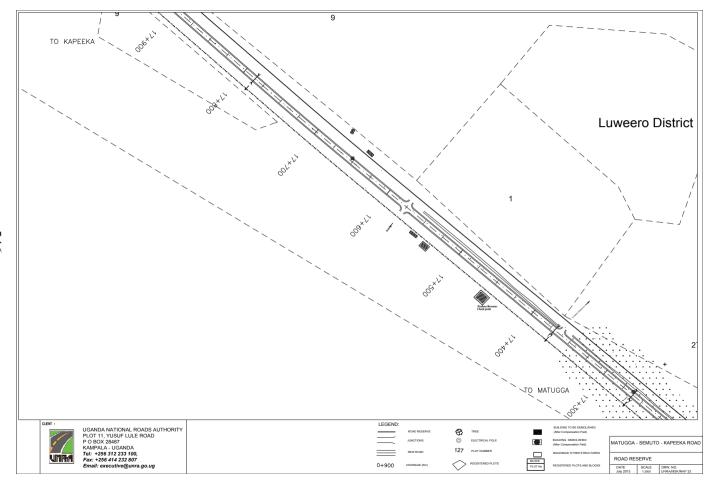


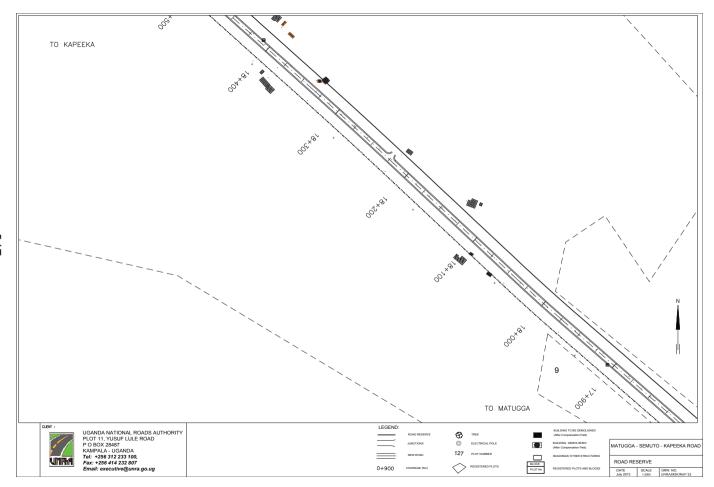


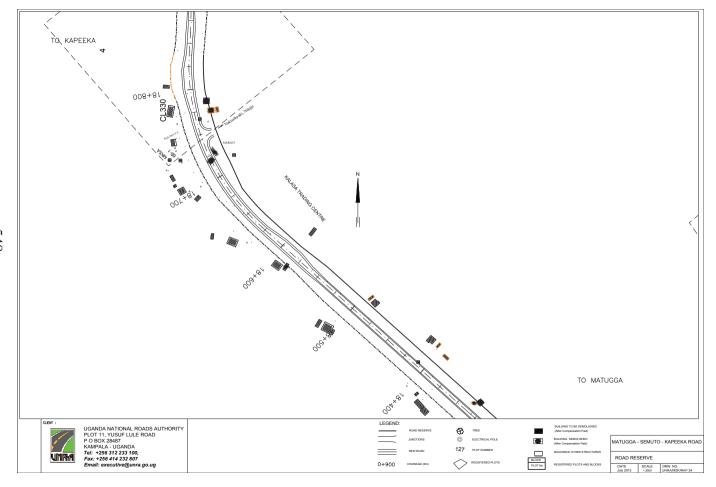


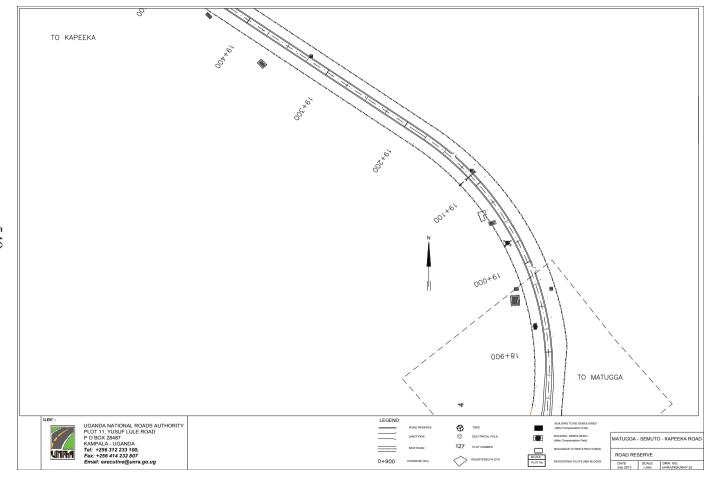


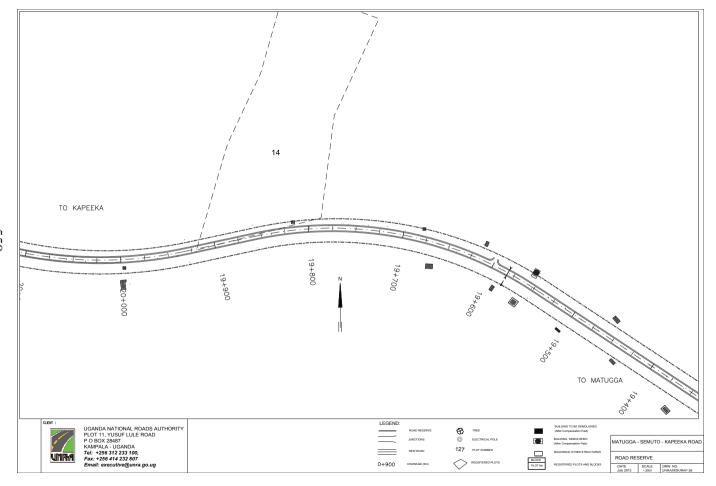


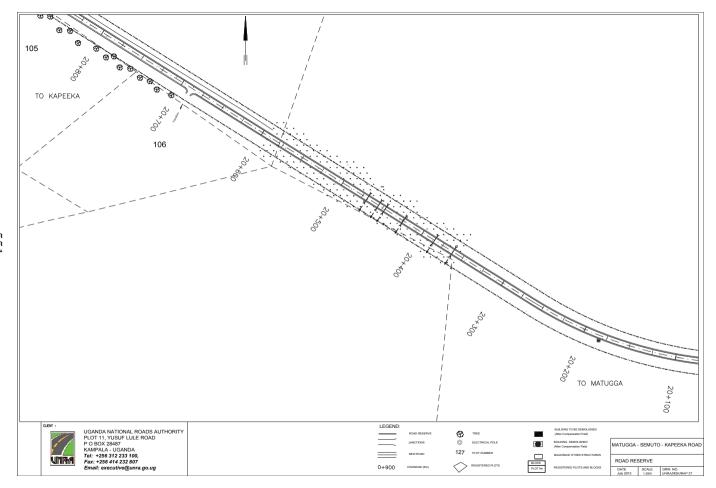


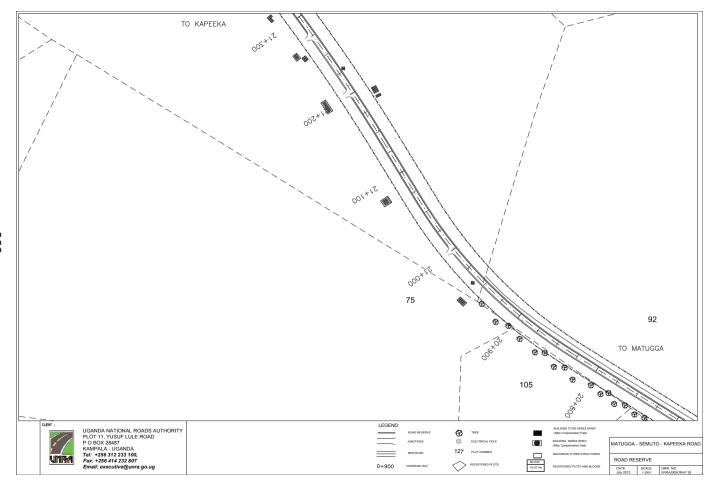












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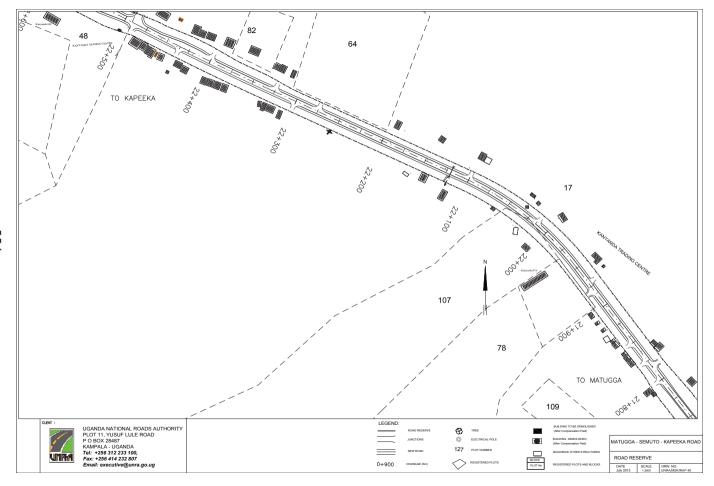
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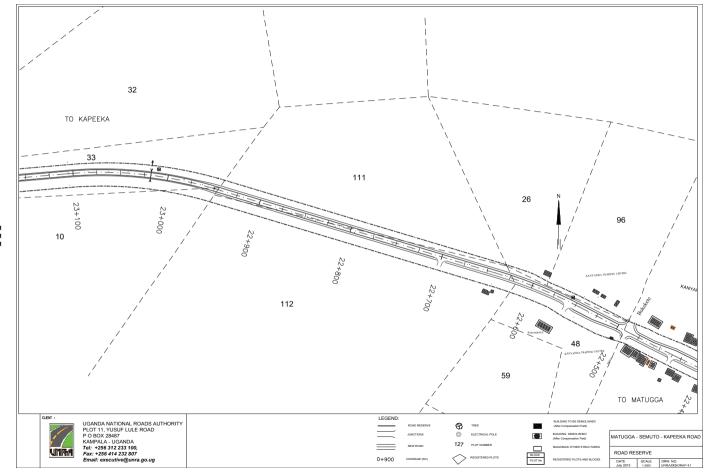
REGISTERED PLOTS AND BLOCKS

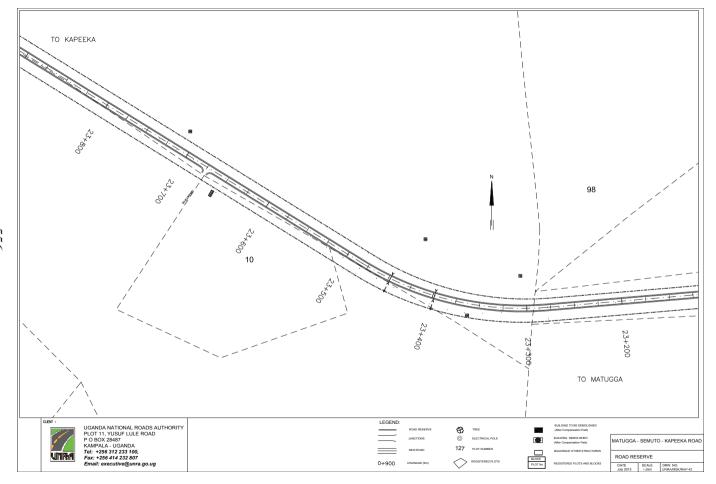
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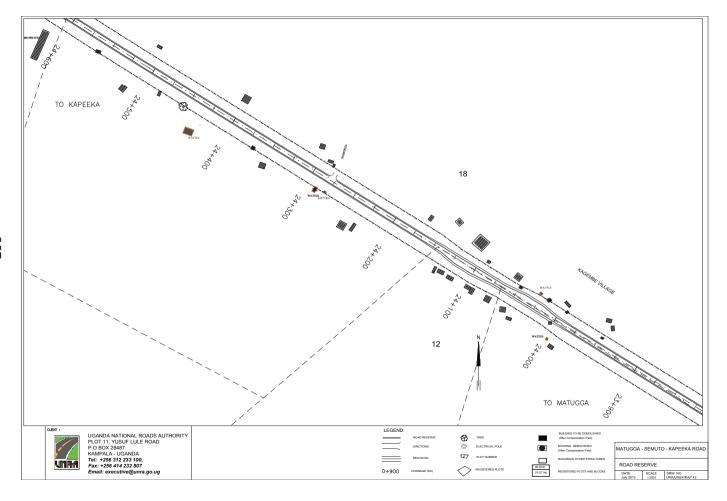
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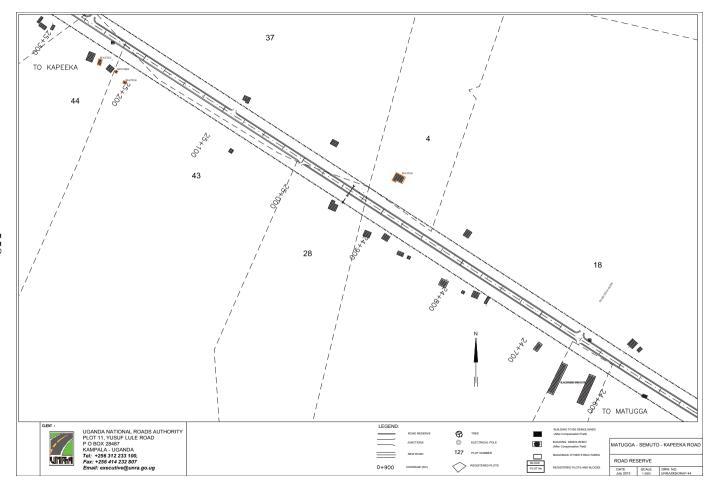
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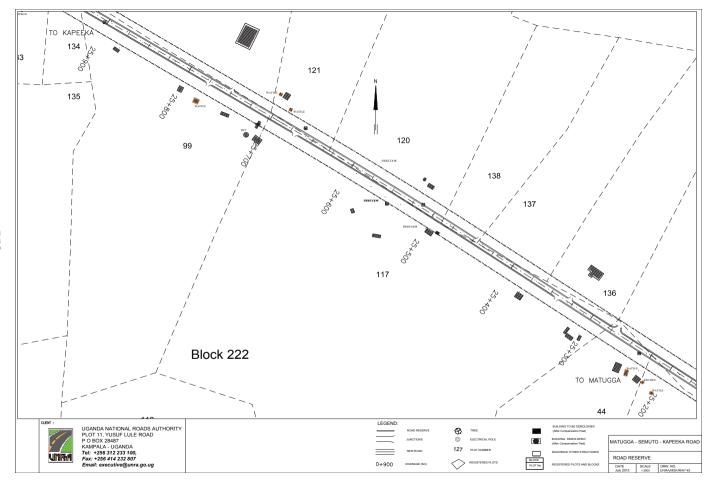


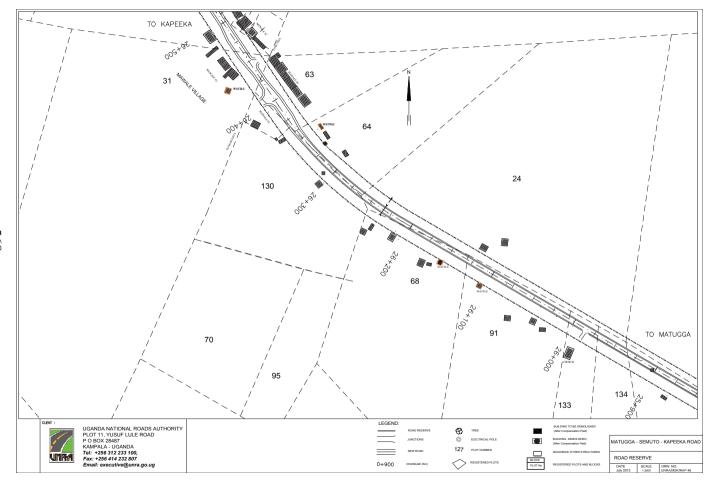


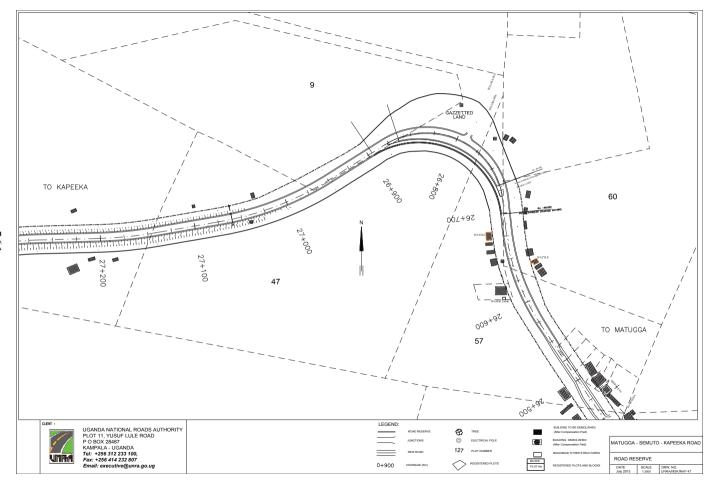


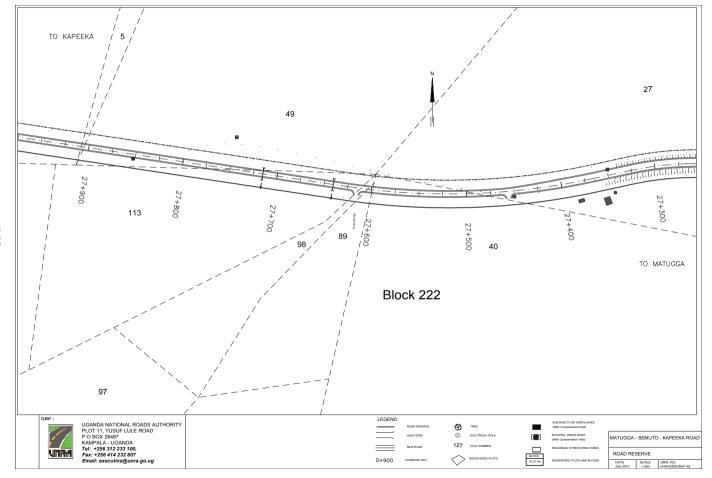


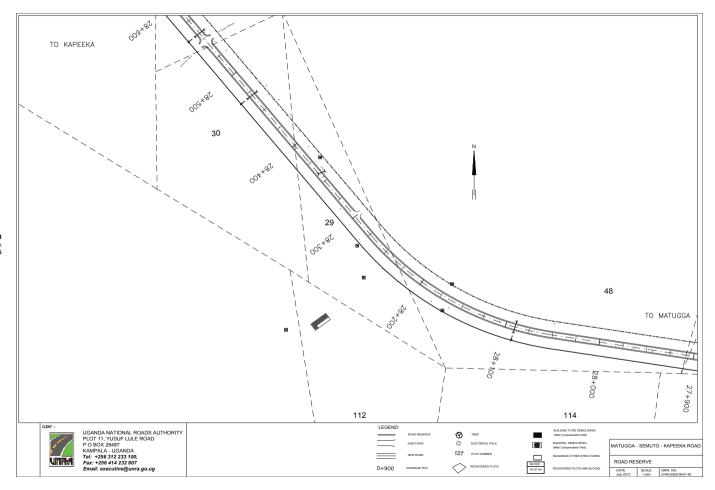


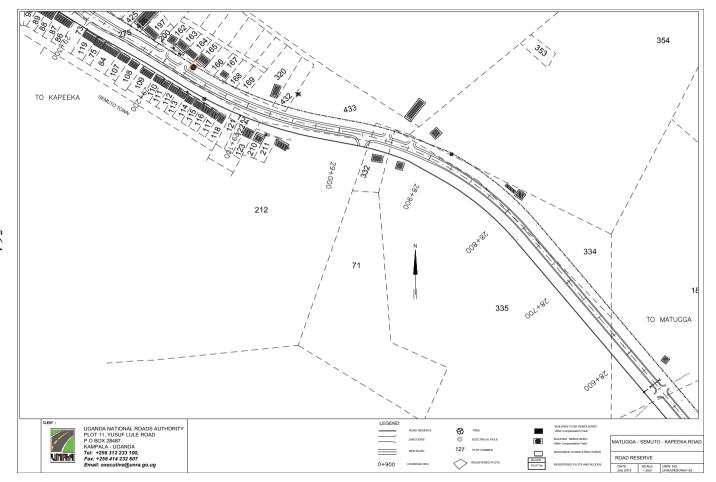


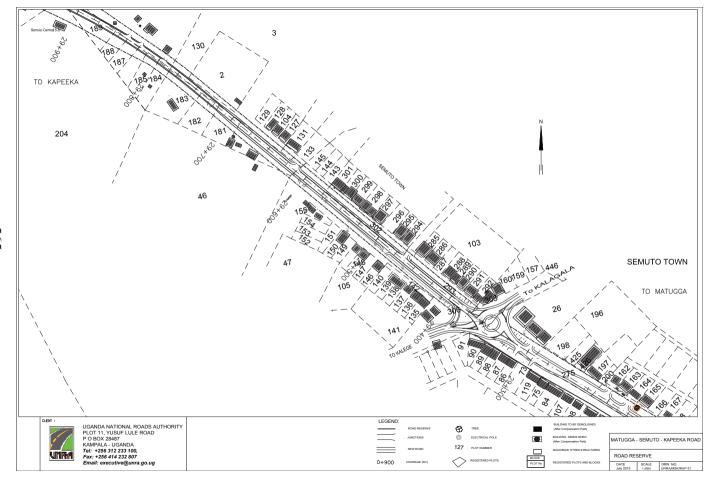


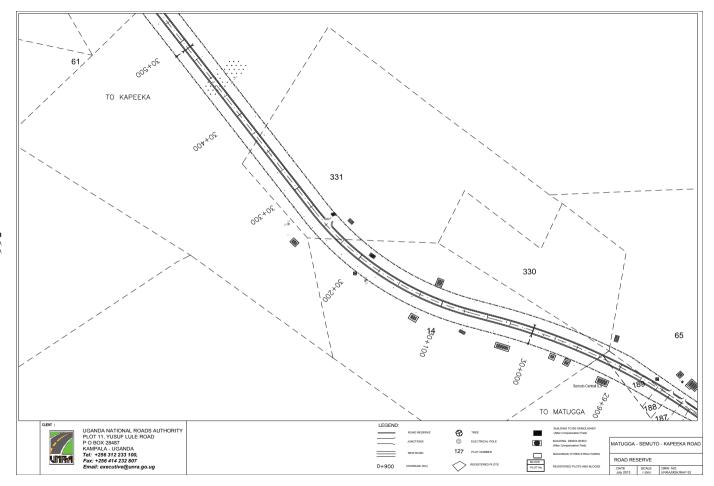


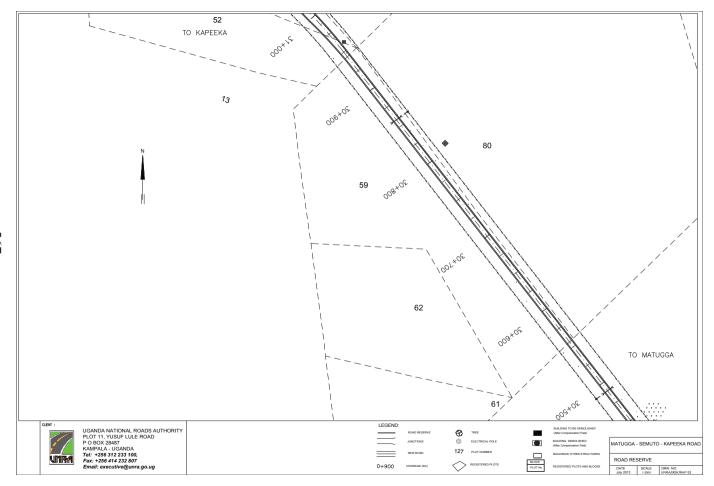


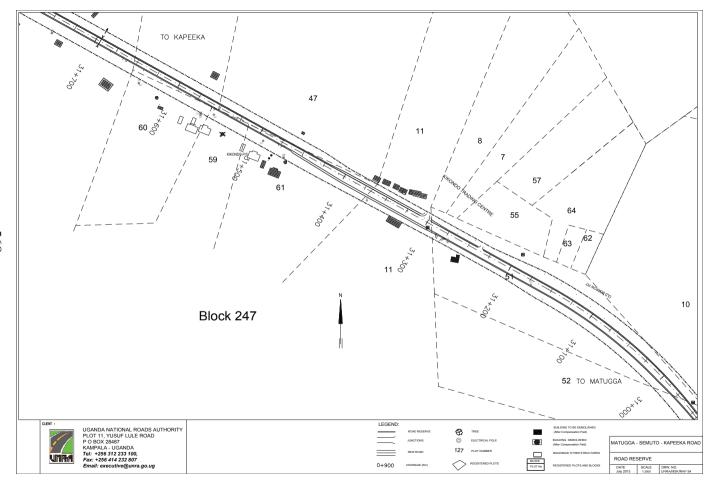


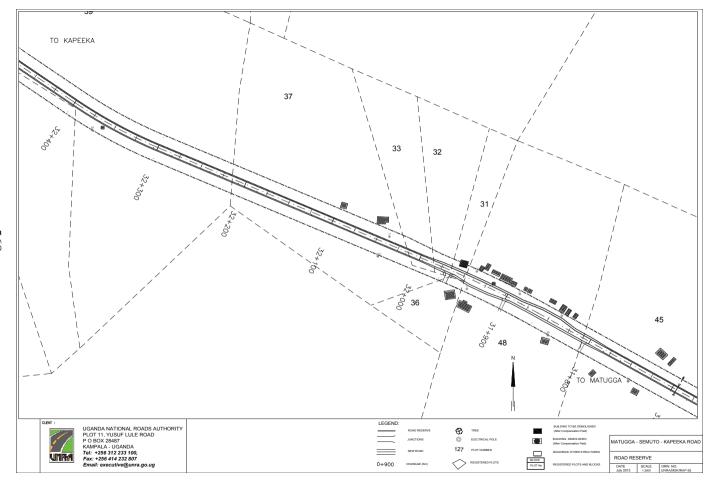


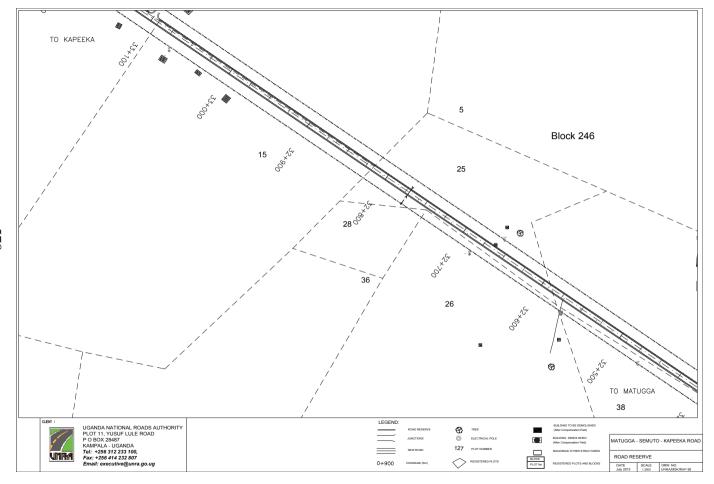


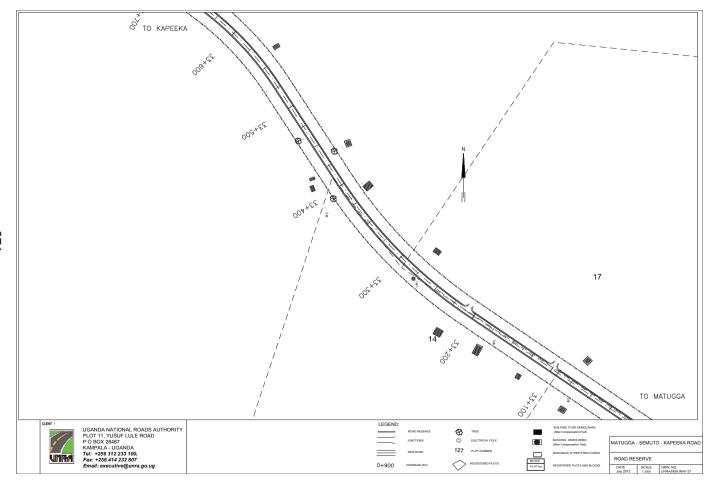




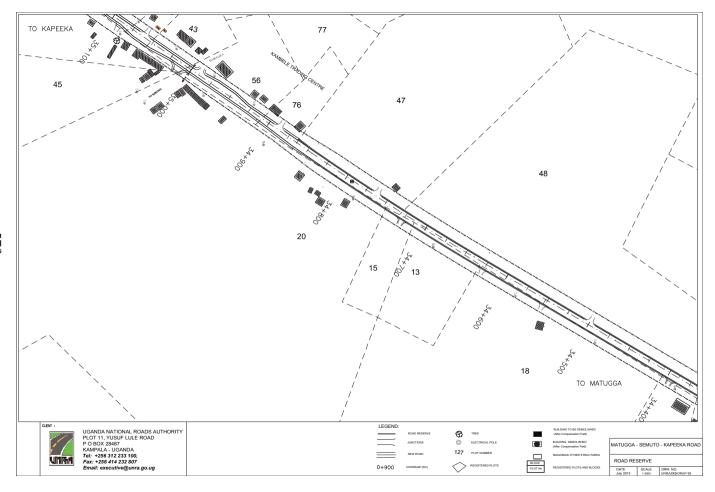


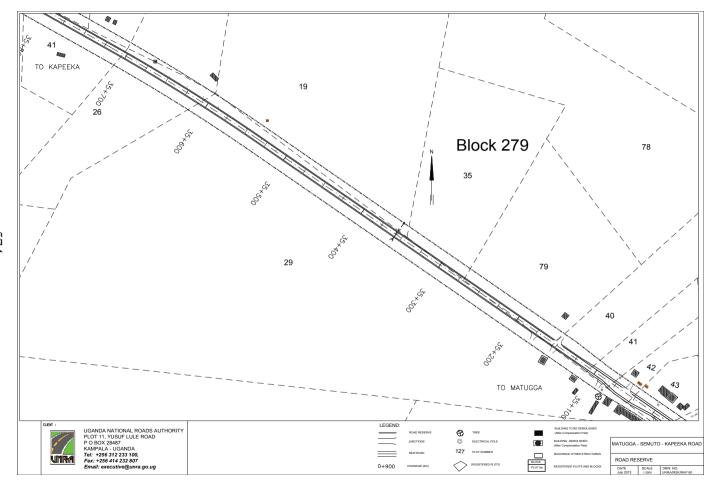


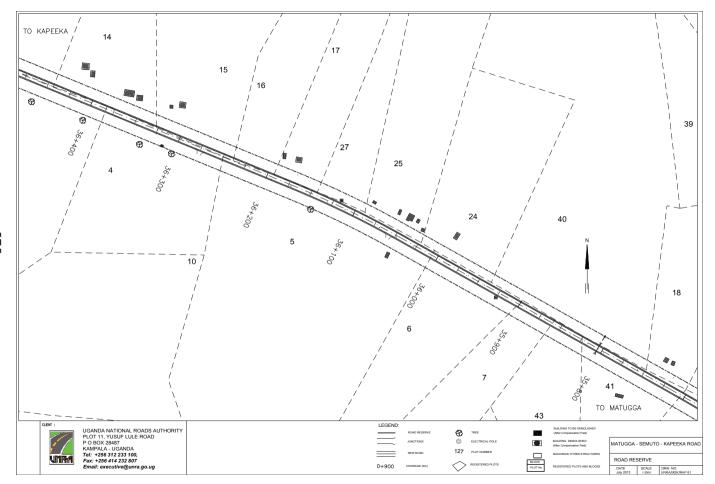


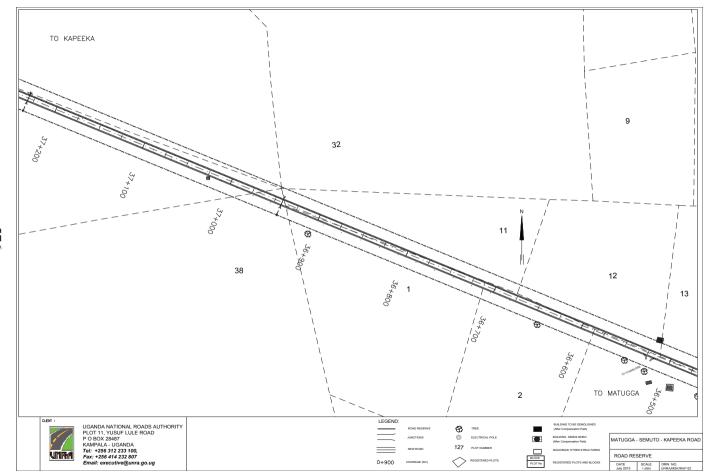


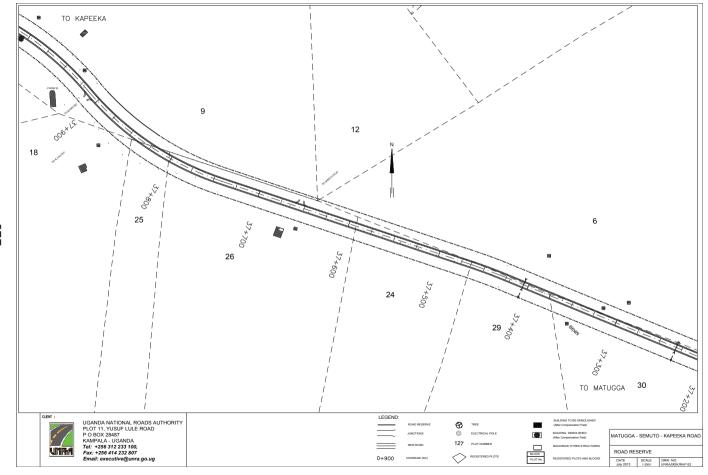
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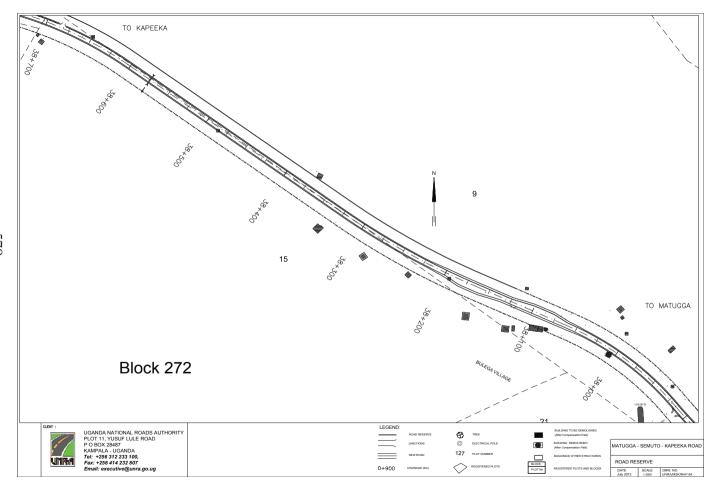


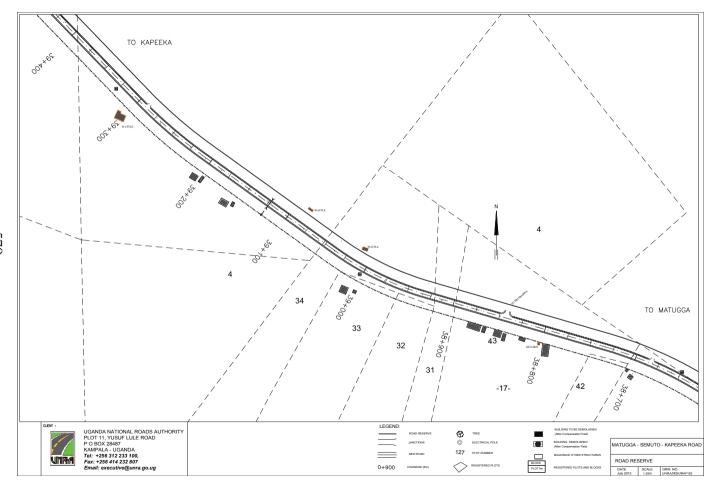


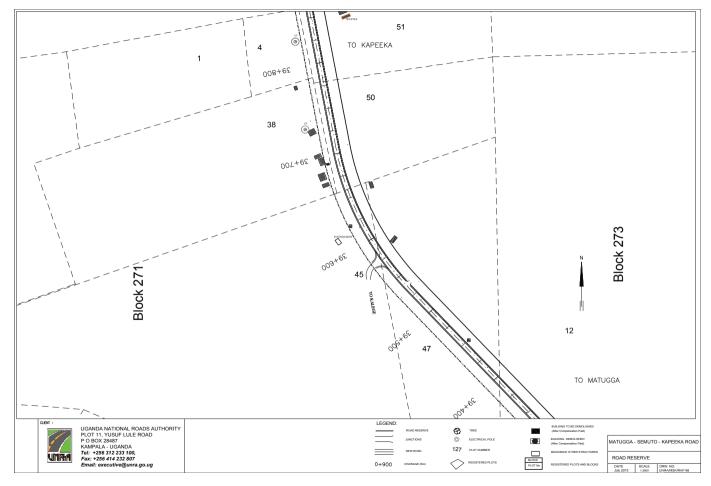


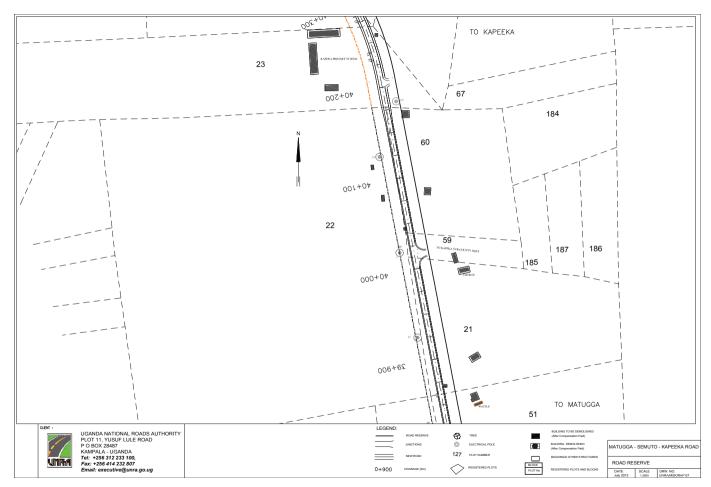


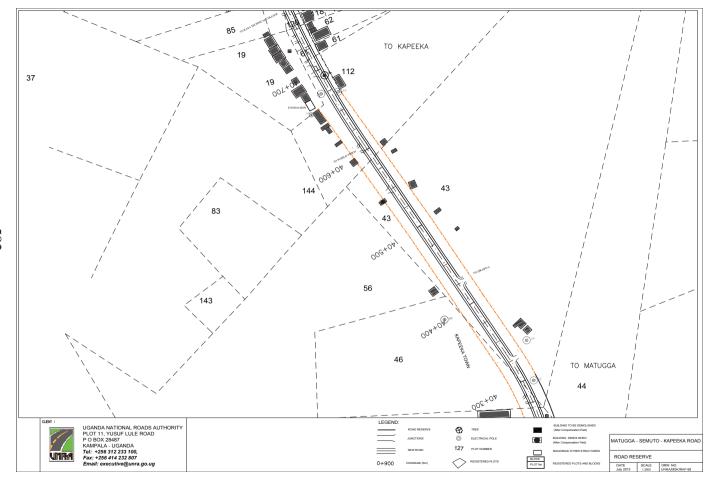


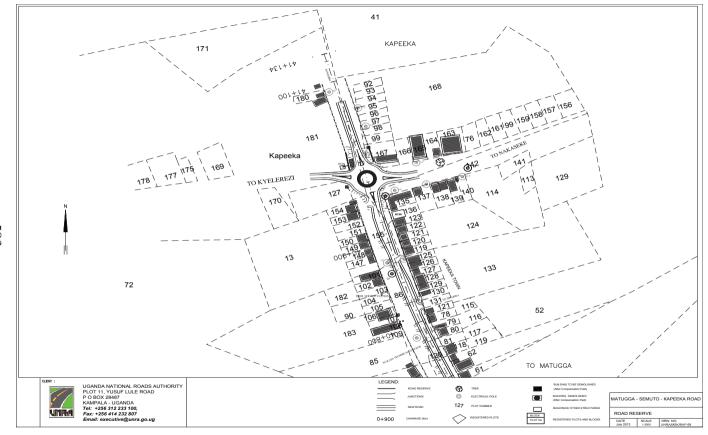












DAUDI MIGEREKO, *Minister of Lands, Housing and Urban Development.* 

#### STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated February, 2014 Printed by UPPC, Entebbe, by Order of the Government.

#### STATUTORY INSTRUMENTS

#### 2014 No. 18.

## The Land Acquisition (Vurra - Arua - Koboko - Oraba Road) Instrument, 2014.

(Under section 3 of the Land Acquisition Act, Cap. 226)

IN EXERCISE of the powers conferred upon the Minister responsible for lands, by Section 3 of the Land Acquisition Act, Cap. 226, this Instrument is made this 18th day of June, 2013.

#### 1. Title.

This Instrument may be cited as the Land Acquisition (Vurra - Arua - Koboko - Oraba Road) Instrument, 2014.

#### 2. Declaration of land required for public purpose.

The parcels of land described in Part I of the Schedule set out in the final alignment of the corridor for the proposed Vurra - Arua - Koboko - Oraba Road and illustrated in the maps set out in Part 2 of the Schedule are declared to be land acquired by the Government for a Public Purpose.

# 3. Inspection of plans and maps of the declared Land.

The Plans and Maps of the Land referred to in paragraph 2 may be inspected at the office of the Commissioner of Lands and Surveys, Entebbe, during office hours.

#### **SCHEDULE**

# PART I —DESCRIPTION OF THE LAND TO BE ACQUIRED FOR THE CONSTRUCTION OF THE CORRIDOR OF THE VURRA - ARUA-ORABA ROAD

#### Road Reserve Boundary Coordinates - LEFT HANDSIDE

VURRA - ARUA -ORABA ROAD PROJECT

CHAINAGE 0+000 TO 9+428

091 ROW-I-16 Page 1

										1 42	
Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coore	dinates
. Sint	E (Y)	N(X)	. Jiii	E (Y)	N(X)	7.5111	E (Y)	N(X)	1 Jiii	E (Y)	N(X)
1	264192. 28	319490. 52	26	264282.06	320027.80	51	264395.67	320248.49	76	264432.85	320488.03
2	264169.59	319640.03	27	264286.22	320036.89	52	264398.93	320257.28	77	264433.81	320497.94
3	264168.99	319687. 07	28	264290.38	320045.98	53	264401.96	320266.15	78	264434.73	320507.82
4	264179.27	319760.62	29	264294.59	320055.17	54	264404.77	320275.10	79	264435.63	320517.68
5	264193.99	319808. 31	30	264298.92	320064.43	55	264407.35	320284.11	80	264436.47	320527.51
6	264198.84	319845. 89	31	264303.35	320073.67	56	264409.71	320293.18	81	264437.24	320537.30
7	264202.96	319854. 99	32	264307.88	320082.87	57	264411.84	320302.31	82	264437.94	320547.09
8	264207. 26	319864. 39	33	264312.49	320092.02	58	264413.74	320311.49	83	264438.57	320556.87
9	264211.30	319873. 22	34	264317.20	320101.12	59	264415.42	320320.72	84	264439.12	320566.67
10	264215. 46	319882. 32	35	264322.00	320110.18	60	264416.87	320330.04	85	264439.59	320576.46
11	264219.62	319891. 41	36	264326.89	320119.19	61	264418.14	320339.49	86	264439.99	320586.26
12	264223. 79	319900. 50	37	264331.87	320128.15	62	264419.27	320349.07	87	264440.32	320596.08
13	264227. 95	319909. 59	38	264336.92	320137.02	63	264420.31	320358.78	88	264440.58	320605.92
14	264232.11	319918. 69	39	264341.97	320145.75	64	264421.29	320368.65	89	264440.78	320615.80
15	264236, 27	319927. 78	40	264346.98	320154.41	65	264422.27	320378.54	90	264440.95	320625.72
16	264240. 43	319936. 87	41	264351.98	320163.07	66	264423.20	320388.47	91	264441.09	320635.67
17	264244.60	319945. 97	42	264356.98	320171.73	67	264424.17	320398.45	92	264441.23	320645.66
18	264248. 76	319955. 06	43	264361.95	320180.33	68	264425.14	320408.40	93	264441.36	320655.65
19	264252. 92	319964. 15	44	264366.83	320188.86	69	264426.10	320418.36	94	264441.49	320665.66
20	264257.08	319973. 24	45	264371.57	320197.34	70	264427.06	320428.31	95	264441.62	320675.49
21	264261.25	319982.34	46	264376.13	320205.77	71	264428.03	320438.27	96	264441.62	320685.66
22	264265. 41	319991. 43	47	264380.49	320214.19	72	264428.99	320448.22	97	264441.88	320695.37
23	264269.57	320000. 52	48	264384.61	320222.64	73	264429.96	320458.17	98	264442.02	320705.67
24	264273.73	320009.61	49	264388.51	320231.16	74	264430.92	320468.12	99	264442.25	320720.71
25	264277. 89	320018.71	50	264392.20	320239.78	75	264431.88	320478.08	100	264442.33	320725.77

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D	Coord	linates		Coord	linates	D	Coord	linates		Coord	dinates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
101	264442. 52	320735.84	126	264458.15	320986.62	151	264449.68	321231.56	176	264423.77	321480.22
102	264442. 76	320745, 95	127	264458.86	320996.52	152	264448.64	321241.51	177	264422.73	321490.16
103	264443. 04	320756.06	128	264459.54	321006.45	153	264447.60	321251.45	178	264421.69	321500.11
104	264443. 37	320766. 18	129	264460.20	321016.18	154	264446.56	321261.40	179	264420.66	321510.05
105	264443. 75	320776.30	130	264460.68	321026.02	155	264445.53	321271.35	180	264419.62	321520.00
106		320786, 42	131	264461.14	321035.66	156	264444.49	321281.29	181	264418.58	321529.94
107	264444. 67	320796, 53	132	264461.41	321045.32	157	264443.46	321291.24	182	264417.55	321539.90
108	264445. 20	320806.64	133	264461.62	321055.09	158	264442.42	321301.18	183	264416.51	321549.96
109		320816. 75	134	264461.73	321065.05	159	264441.38	321311.13	184	264416.03	321555.04
110		320826, 84	135	264461.72	321074.54	160	264440.35	321321.07	185	264423.85	321581.31
111	264447. 09	320836, 91	136	264461.60	321084.26	161	264439.31	321331.02	186	264423.17	321591.35
112	264447. 80	320846.96	137	264461.38	321093.98	162	264438.27	321340.97	187	264422.58	321601.47
113		320856, 52	138	264461.05	321103.70	163	264437.24	321350.91	188	264422.08	321611.59
114	264448. 87	320866.97	139	264460.61	321113.41	164	264436.20	321360.86	189	264421.67	321621.72
115		320877. 41	140	264460.07	321123.12	165	264435.17	321370.81	190	264421.36	321631.85
116		320886. 92	141	264459.41	321132.82	166	264434.13	321380.75	191	264421.13	321641.99
117	264451. 48	320896.90	142	264458.65	321142.54	167	264433.09	321390.70	192	264421.00	321652.12
118		320906. 87	143	264457.79	321152.29	168	264432.06	321400.65	193	264420.96	321662.26
119		320916. 84	144	264456.86	321162.09	169	264431.02	321410.59	194	264421.02	321672.40
120		320926. 81	145	264455.88	321171.94	170	264429.98	321420.54	195	264421.16	321682.53
121	264454, 45	320936. 79	146	264454.85	321181.84	171	264428.95	321430.48	196	264421.40	321692.67
122	264455. 19	320946. 76	147	264453.82	321191.78	172	264427.91	321440.43	197	264421.73	321702.80
123		320956. 73	148	264452.78	321201.72	173	264426.87	321450.38	198	264422.15	321712.92
124	264456, 67	320966, 70	149	264451.75	321211.67	174	264425.84	321460.32	199	264422.66	321723.04
125		320976.68	150	264450.71	321221.62	175	264424.80	321470.27	200	264423.23	321732.58

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D-i	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
201	264423. 96	321743. 20	226	264506.35	321983.03	251	264634.49	322199.32	276	264792.29	322428.15
202	264424. 68	321753.71	227	264511.23	321991.76	252	264640.34	322207.58	277	264797.19	322436.45
203	264425, 46	321763.47	228	264516.11	322000.49	253	264646.22	322215.75	278	264801.98	322444.83
204	264426. 48	321773. 75	229	264520.99	322009.22	254	264652.25	322224.11	279	264806.64	322453.27
205	264427. 77	321784. 04	230	264525.87	322017.95	255	264658.34	322232.13	280	264811.18	322461.77
206	264429, 32	321794. 30	231	264530.75	322026.67	256	264664.42	322240.14	281	264815.61	322470.34
207	264431. 16	321804. 75	232	264535.63	322035.40	257	264670.60	322248.14	282	264819.91	322478.97
208	264433. 50	321814. 69	233	264540.51	322044.13	258	264676.79	322256.06	283	264824.08	322487.66
209	264435. 43	321824. 57	234	264545.38	322052.86	259	264682.95	322263.93	284	264828.13	322496.42
210	264438. 05	321834. 86	235	264550.26	322061.59	260	264689.12	322271.80	285	264832.06	322505.22
211	264440. 86	321844. 84	236	264555.14	322070.32	261	264695.30	322279.69	286	264835.85	322514.09
212	264443. 92	321854. 76	237	264560.02	322079.05	262	264701.46	322287.56	287	264839.53	322523.00
213	264447, 23	321864, 59	238	264564.90	322087.78	263	264707.62	322295.43	288	264843.07	322531.97
214	264450. 78	321874. 34	239	264569.80	322096.55	264	264713.78	322303.30	289	264846.46	322540.90
215	264454. 57	321883. 99	240	264574.79	322105.34	265	264719.95	322311.18	290	264848.15	322545.52
216	264458. 61	321893, 55	241	264579.86	322114.11	266	264742.67	322356.43	291	264849.60	322549.56
217	264462. 88	321903. 01	242	264585.00	322122.83	267	264742.87	322356.68	292	264849.77	322550.05
218		321912. 35	243	264590.22	322131.51	268	264748.89	322364.41	293	264851.46	322554.79
219	264472. 13	321921. 58	244	264595.50	322140.14	269	264754.71	322372.11	294	264852.31	322557.19
220	264477. 05	321930, 59	245	264600.86	322148.74	270	264760.42	322379.88	295	264853.13	322559.49
221	264481. 96	321939. 38	246	264606.29	322157.28	271	264766.02	322387.74	296	264854.80	322564.20
222	264486. 84	321948. 11	247	264611.75	322165.73	272	264771.50	322395.67	297	264855.01	322564.79
223	264491.72	321956. 84	248	264617.26	322174.24	273	264776.87	322403.68	298	264856.48	322568.92
224	264496. 60	321965. 57	249	264623.04	322182.69	274	264782.13	322411.76	299	264857.75	322572.50
225	264501. 48	321974. 30	250	264628.71	322191.01	275	264787.27	322419.92	300	264858.15	322573.63

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P	Coord	linates		Coord	linates	n : .	Coord	linates		Coore	dinates
Point	E(Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
301	264859. 83	322578.34	326	264898.50	322686.93	351	264948.83	322785.46	376	265004.74	322875.76
302	264860. 13	322579. 19	327	264900.29	322691.76	352	264951.68	322789.69	377	265006.73	322880.01
303	264861.50	322583. 05	328	264902.12	322696.61	353	264954.54	322793.89	378	265008.67	322884.28
304	264863. 17	322587.76	329	264903.98	322701.41	354	264957.38	322798.04	379	265010.55	322888.57
305	264864. 85	322592. 47	330	264904.27	322702.14	355	264959.53	322801.19	380	265012.47	322893.11
306	264866. 53	322597. 19	331	264905.96	322706.37	356	264960.83	322803.09	381	265014.16	322897.24
307	264868. 20	322601.89	332	264907.96	322711.25	357	264963.04	322806.31	382	265015.90	322901.64
308	264869. 87	322606.61	333	264910.03	322716.11	358	264965.84	322810.40	383	265017.44	322905.63
309	264871.55	322611.32	334	264911.36	322719.13	359	264968.61	322814.48	384	265017.60	322906.04
310	264873, 22	322616.03	335	264912.22	322721.08	360	264971.36	322818.54	385	265018.60	322908.70
311	264874. 90	322620.75	336	264914.39	322725.80	361	264974.07	322822.59	386	265019.28	322910.54
312	264876. 57	322625. 45	337	264916.74	322730.74	362	264976.74	322826.63	387	265020.94	322915.09
313	264878, 24	322630. 16	338	264919.11	322735.54	363	264979.38	322830.70	388	265022.57	322919.66
314	264879. 92	322634. 88	339	264921.55	322740.31	364	264980.07	322831.76	389	265024.19	322924.26
315	264881.59	322639. 59	340	264924.05	322745.05	365	264981.87	322834.59	390	265025.80	322928.90
316	264883. 27	322644.30	341	264926.63	322749.74	366	264984.47	322838.73	391	265027.40	322933.57
317		322649. 01	342	264929.23	322754.34	367	264986.95	322842.77	392	265029.00	322938.27
318	264885, 91	322651.73	343	264929.72	322755.19	368	264988.94	322846.10	393	265030.05	322941.34
319	264886, 62	322653.72	344	264931.97	322759.02	369	264989.32	322846.74	394	265030.60	322942.98
320	264888, 29	322658. 43	345	264934.71	322763.56	370	264991.71	322850.85	395	265032.22	322947.73
321	264889. 97	322663. 15	346	264937.48	322768.03	371	264994.01	322854.93	396	265033.83	322952.46
322	264891.67	322667. 93	347	264939.42	322771.10	372	264996.26	322859.04	397	265035.44	322957.19
323	264893. 32	322672.59	348	264940.32	322772.51	373	264998.46	322863.18	398	265037.04	322961.92
324	264895. 02	322677. 34	349	264943.13	322776.85	374	265000.60	322867.35	399	265038.65	322966.66
325	264896. 74	322682.12	350	264945.97	322781.18	375	265002.70	322871.55	400	265040.26	322971.40

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Poline	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
401	265041.87	322976. 13	426	265080.50	323089.74	451	265160.86	323326.27	476	265194.12	323567.36
402	265043. 48	322980. 86	427	265083.71	323099.21	452	265163.90	323335.56	477	265195.14	323577.52
403	265045. 09	322985.60	428	265086.93	323108.68	453	265166.81	323344.79	478	265196.25	323587.67
404	265046. 70	322990.33	429	265090.15	323118.15	454	265169.56	323353.97	479	265197.44	323597.81
405	265048. 31	322995.06	430	265093.37	323127.61	455	265172.12	323363.14	480	265198.72	323607.94
406	265049. 66	322999.03	431	265096.59	323137.08	456	265174.49	323372.34	481	265200.08	323618.05
407	265049. 93	322999.81	432	265099.81	323146.55	457	265176.68	323381.58	482	265201.52	323628.16
408	265051.53	323004.53	433	265103.03	323156.02	458	265178.68	323390.87	483	265203.05	323638.25
409	265053. 14	323009. 26	434	265106.25	323165.48	459	265180.49	323400.19	484	265204.66	323648.27
410	265054.75	323014.00	435	265109.47	323174.95	460	265182.12	323409.55	485	265206.28	323658.18
411	265056. 36	323018.73	436	265112.68	323184.42	461	265183.56	323418.94	486	265207.89	323668.05
412	265057. 97	323023. 47	437	265115.90	323193.89	462	265184.82	323428.36	487	265209.50	323677.92
413	265059. 57	323028. 20	438	265119.12	323203.36	463	265185.88	323437.80	488	265211.11	323687.79
414	265061.18	323032. 93	439	265122.34	323212.82	464	265186.76	323447.29	489	265212.72	323697.66
415	265062. 80	323037.67	440	265125.56	323222.29	465	265187.47	323456.85	490	265214.34	323707.52
416	265064.40	323042.40	441	265128.78	323231.76	466	265188.05	323466.52	491	265215.95	323717.39
417	265066. 01	323047.13	442	265132.00	323241.23	467	265188.53	323476.29	492	265217.56	323727.26
418	265067.62	323051.87	443	265135.22	323250.69	468	265188.95	323486.15	493	265219.17	323737.13
419	265069, 23	323056.60	444	265138.43	323260.16	469	265189.33	323495.83	494	265220.78	323747.00
420	265070. 84	323061.34	445	265141.65	323269.63	470	265189.76	323506.28	495	265222.40	323756.87
421	265072. 45	323066.08	446	265144.87	323279.10	471	265190.28	323516.47	496	265224.01	323766.74
422	265074.06	323070.80	447	265148.09	323288.56	472	265190.88	323526.66	497	265225.62	323776.61
423	265075. 67	323075.54	448	265151.31	323298.03	473	265191.56	323536.85	498	265227.23	323786.48
424	265077. 28	323080. 28	449	265154.53	323307.50	474	265192.33	323547.03	499	265228.84	323796.35
425	265078. 89	323085. 01	450	265157.72	323316.92	475	265193.18	323557.20	500	265230.46	323806.22

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	Coord	linates	- 1	Coord	linates		Coord	linates		Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)
501	265232. 07	323816.09	526	265318.49	324058.96	551	265430.37	324275.51	576	265529.85	324506.53
502	265233. 68	323825, 95	527	265324.19	324067.21	552	265434.20	324284.75	577	265534.34	324515.62
503	265235. 29	323835.82	528	265329.88	324075.44	553	265438.03	324293.98	578	265538.89	324524.69
504	265236. 90	323845.69	529	265335.57	324083.67	554	265441.86	324303.22	579	265543.49	324533.74
505	265238. 52	323855.56	530	265341.24	324091.87	555	265445.70	324312.46	580	265548.15	324542.75
506	265240. 14	323865.48	531	265346.84	324100.00	556	265449.52	324321.70	581	265552.85	324551.74
507	265241. 82	323875.50	532	265352.30	324108.07	557	265453.36	324330.94	582	265557.61	324560.71
508	265243. 60	323885.63	533	265357.58	324116.10	558	265457.19	324340.17	583	265562.42	324569.64
509	265245. 56	323895. 86	534	265362.64	324124.11	559	265461.02	324349.41	584	265567.29	324578.54
510	265247. 74	323906. 18	535	265367.44	324132.13	560	265464.85	324358.65	585	265572.21	324587.42
511	265250. 19	323916.55	536	265371.99	324140.23	561	265468.68	324367.88	586	265577.17	324596.27
512	265252. 94	323926. 88	537	265376.32	324148.48	562	265472.51	324377.12	587	265582.20	324605.08
513	265255. 98	323937. 13	538	265380.43	324156.87	563	265476.34	324386.36	588	265587.27	324613.87
514	265259. 30	323947.30	539	265384.41	324165.49	564	265479.04	324392.87	589	265592.39	324622.63
515	265262. 90	323957.37	540	265388.28	324174.29	565	265484.01	324404.85	590	265597.57	324631.36
516	265266. 78	323967.33	541	265392.10	324183.27	566	265487.88	324414.16	591	265602.80	324640.06
517	265270. 94	323977. 19	542	265396.08	324192.82	567	265491.83	324423.50	592	265608.07	324648.72
518	265275. 36	323986. 92	543	265399.73	324201.61	568	265495.84	324432.82	593	265613.40	324657.36
519	265280.06	323996. 53	544	265403.56	324210.85	569	265499.90	324442.12	594	265618.78	324665.96
520	265285. 02	324006.00	545	265407.39	324220.09	570	265504.02	324451.40	595	265624.17	324674.47
521	265290. 24	324015.33	546	265411.22	324229.33	571	265508.19	324460.65	596	265629.69	324683.07
522	265295. 69	324024. 47	547	265415.05	324238.56	572	265512.41	324469.88	597	265635.22	324691.58
523	265300. 97	324032. 87	548	265418.88	324247.80	573	265516.69	324479.08	598	265640.81	324700.05
524	265307.00	324042.08	549	265422.71	324257.04	574	265521.02	324488.25	599	265646.44	324708.49
525	265312. 75	324050.60	550	265426.54	324266.28	575	265525.41	324497.40	600	265652.07	324716.84

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P	Coord	linates	Point	Coore	dinates	D. C.	Coord	linates	D.1.	Coore	dinates
Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
601	265657. 77	324725. 28	626	265812.74	324924.01	651	265966.66	325118.23	676	266127.85	325313.85
602	265663. 67	324733. 68	627	265819.07	324931.75	652	265972.33	325126.48	677	266134.74	325321.10
603	265669. 45	324741.93	628	265825.40	324939.50	653	265978.00	325134.73	678	266141.62	325328.36
604	265675. 33	324750. 20	629	265831.72	324947.24	654	265983.70	325143.01	679	266148.50	325335.61
605	265681. 25	324758. 44	630	265838.05	324954.98	655	265989.47	325151.32	680	266155.39	325342.86
606	265687. 22	324766.64	631	265844.38	324962.72	656	265995.31	325159.64	681	266162.27	325350.12
607	265693. 25	324774.81	632	265850.71	324970.47	657	266001.16	325167.84	682	266169.15	325357.37
608	265699. 32	324782.94	633	265857.04	324978.21	658	266007.14	325176.24	683	266176.04	325364.62
609	265705. 43	324791.03	634	265863.37	324985.95	659	266013.51	325184.59	684	266182.92	325371.88
610	265711.60	324799.09	635	265869.69	324993.69	660	266019.66	325192.66	685	266189.80	325379.13
611	265717. 81	324807.12	636	265876.02	325001.44	661	266025.98	325200.76	686	266196.69	325386.39
612	265724. 07	324815. 10	637	265882.35	325009.18	662	266032.40	325208.79	687	266203.57	325393.64
613	265730. 37	324823.05	638	265888.68	325016.92	663	266038.90	325216.75	688	266210.44	325400.88
614	265736. 73	324830. 97	639	265895.01	325024.66	664	266045.49	325224.64	689	266217.17	325407.98
615	265743. 04	324838.73	640	265901.34	325032.41	665	266052.17	325232.45	690	266223.56	325414.97
616	265749. 45	324846. 58	641	265907.67	325040.15	666	266058.93	325240.19	691	266229.73	325422.05
617	265755. 78	324854.33	642	265913.99	325047.89	667	266065.77	325247.84	692	266235.72	325429.28
618	265762. 11	324862.07	643	265920.32	325055.64	668	266072.66	325255.39	693	266241.54	325436.66
619	265768. 44	324869.81	644	265926.57	325063.28	669	266079.58	325262.86	694	266247.17	325444.17
620	265774. 77	324877.55	645	265932.62	325070.83	670	266086.50	325270.24	695	266252.62	325451.82
621	265781. 10	324885. 30	646	265938.48	325078.41	671	266093.42	325277.56	696	266257.88	325459.60
622	265787. 42	324893. 04	647	265944.27	325086.15	672	266100.32	325284.83	697	266262.94	325467.50
623	265793. 75	324900.78	648	265949.91	325093.85	673	266107.20	325292.09	698	266267.82	325475.53
624	265800.08	324908. 53	649	265955.52	325102.02	674	266114.09	325299.34	699	266272.50	325483.67
625	265806. 41	324916. 27	650	265961.00	325109.99	675	266120.97	325306.60	700	266276.97	325491.92

VURRA - ARUA -ORABA ROAD PROJECT

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	D-i	Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
701	266281. 25	325500. 28	726	266378.68	325730.55	751	266511.27	325945.54	776	266662.99	326148.55
702	266285. 31	325508.75	727	266383.87	325740.10	752	266516.75	325954.07	777	266669.67	326156.19
703	266289. 18	325517.31	728	266388.76	325749.10	753	266522.29	325962.58	778	266676.39	326163.79
704	266292. 90	325526. 13	729	266393.92	325758.19	754	266527.88	325971.05	779	266683.10	326171.30
705	266296. 66	325535. 27	730	266399.19	325767.11	755	266533.51	325979.49	780	266689.78	326178.76
706	266300. 47	325544.52	731	266404.53	325775.88	756	266539.20	325987.89	781	266696.53	326186.31
707	266304. 27	325553.77	732	266409.89	325784.53	757	266544.93	325996.26	782	266703.48	326193.91
708	266308.07	325563.02	733	266415.25	325793.07	758	266550.67	326004.54	783	266710.57	326201.46
709	266311.88	325572. 27	734	266420.59	325801.55	759	266556.48	326012.90	784	266717.78	326208.90
710	266315. 68	325581.52	735	266425.91	325810.01	760	266562.47	326021.23	785	266725.08	326216.24
711	266319. 48	325590.76	736	266431.24	325818.48	761	266568.36	326029.40	786	266732.38	326223.36
712	266323. 28	325600.01	737	266436.57	325826.94	762	266574.34	326037.60	787	266740.01	326230.81
713	266327. 09	325609. 26	738	266441.90	325835.40	763	266580.37	326045.77	788	266747.76	326237.75
714	266330. 89	325618.51	739	266447.23	325843.87	764	266586.44	326053.90	789	266755.34	326244.54
715	266334.69	325627.76	740	266452.55	325852.33	765	266592.56	326061.99	790	266763.15	326251.34
716	266338. 50	325637.01	741	266457.88	325860.79	766	266598.73	326070.04	791	266771.06	326258.03
717	266342. 30	325646. 25	742	266463.21	325869.26	767	266604.95	326078.06	792	266779.06	326264.60
718	266346. 10	325655.50	743	266468.53	325877.72	768	266611.21	326086.05	793	266787.16	326271.06
719	266349. 91	325664.75	744	266473.86	325886.18	769	266617.52	326093.99	794	266795.35	326277.40
720	266353. 72	325674.03	745	266479.19	325894.64	770	266623.88	326101.90	795	266803.62	326283.62
721	266357. 58	325683.36	746	266484.52	325903.11	771	266630.29	326109.77	796	266811.99	326289.73
722	266361.53	325692.75	747	266489.84	325911.57	772	266636.74	326117.60	797	266820.44	326295.72
723	266365. 65	325702. 28	748	266495.17	325920.03	773	266643.23	326125.40	798	266828.98	326301.58
724	266369. 85	325711.67	749	266500.50	325928.50	774	266649.77	326133.15	799	266837.60	326307.32
725	266374. 18	325720. 91	750	266505.85	325936.99	775	266656.36	326140.87	800	266846.30	326312.94

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Police	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
801	266855.08	326318.43	826	267093.50	326431.92	851	267344.70	326486.69	876	267585.39	326512.50
802	266863. 93	326323. 80	827	267103.12	326435.70	852	267349.84	326486.92	877	267594.22	326515.64
803	266872.87	326329.04	828	267112.79	326439.35	853	267356.04	326487.18	878	267602.98	326518.99
804	266881.88	326334. 16	829	267122.50	326442.88	854	267374.85	326487.99	879	267611.65	326522.56
805	266890, 96	326339. 14	830	267132.26	326446.27	855	267384.84	326488.41	880	267620.22	326526.35
806	266900, 11	326343. 99	831	267141.89	326449.47	856	267394.83	326488.84	881	267628.70	326530.35
807	266909. 32	326348.71	832	267151.41	326452.66	857	267404.82	326489.27	882	267637.07	326534.57
808	266918. 61	326353.30	833	267161.96	326455.71	858	267414.81	326489.69	883	267645.34	326538.99
809	266927. 99	326357.77	834	267171.73	326458.53	859	267424.80	326490.12	884	267653.50	326543.61
810	266946. 41	326366. 17	835	267181.69	326461.27	860	267434.79	326490.55	885	267661.53	326548.44
811	266955. 56	326370. 31	836	267191.69	326463.87	861	267444.78	326490.97	886	267669.44	326553.47
812	266964. 67	326374. 43	837	267201.73	326466.34	862	267453.92	326491.36	887	267677.23	326558.69
813	266973, 78	326378.55	838	267211.79	326468.68	863	267464.68	326491.83	888	267684.88	326564.11
814	266982. 89	326382.68	839	267221.89	326470.88	864	267474.48	326492.31	889	267692.39	326569.71
815		326386. 80	840	267232.01	326472.95	865	267484.18	326492.88	890	267699.76	326575.51
816	267001.11	326390. 92	841	267242.17	326474.88	866	267491.72	326493.42	891	267706.99	326581.48
817	267010, 22	326395. 04	842	267252.34	326476.67	867	267503.16	326494.46	892	267714.06	326587.63
818	267019, 33	326399. 17	843	267262.54	326478.33	868	267512.46	326495.54	893	267720.98	326593.97
819	267028. 45	326403. 29	844	267272.76	326479.86	869	267521.74	326496.86	894	267727.78	326600.50
820	267037. 56	326407. 41	845	267283.00	326481.24	870	267530.99	326498.41	895	267734.51	326607.25
821	267046. 67	326411.53	846	267293.26	326482.49	871	267540.19	326500.19	896	267741.22	326614.19
822	267055. 91	326415. 72	847	267303.53	326483.61	872	267549.35	326502.20	897	267747.92	326621.30
823	267064. 85	326419.75	848	267313.82	326484.58	873	267558.46	326504.43	898	267754.65	326628.54
824	267074.06	326423. 97	849	267324.12	326485.42	874	267567.50	326506.90	899	267761.43	326635.85
825		326428. 07	850	267334.43	326486.13	875	267576.48	326509.59	900	267768.22	326643.19

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n i .	Coord	linates		Coord	linates	D	Coord	linates		Coord	linates
Point	E(Y)	N(X)	Point	E(Y)	N(X)	Point	E(Y)	N(X)	Point	E(Y)	N(X)
901	267775. 01	326650, 53	926	267946.78	326833.70	951	268103.49	327018.36	976	268243.98	327227.39
902	267781. 81	326657.86	927	267954.04	326840.79	952	268108.55	327026.99	977	268250.02	327235.48
903	267788. 60	326665, 20	928	267961.20	326847.76	953	268113.60	327035.62	978	268256.01	327243.50
904		326672.54	929	267968.36	326854.75	954	268118.65	327044.24	979	268261.99	327251.51
905		326679.88	930	267975.52	326861.73	955	268123.71	327052.88	980	268268.05	327259.62
906		326687. 21	931	267982.68	326868.71	956	268128.76	327061.50	981	268275.00	327268.60
907	267815. 78	326694.55	932	267989.84	326875.69	957	268133.81	327070.13	982	268284.33	327277.26
908	267822. 57	326701.89	933	267997.06	326882.73	958	268138.87	327078.76	983	268295.44	327284.03
909		326709. 23	934	268004.23	326889.63	959	268143.92	327087.39	984	268307.22	327288.27
910		326716.57	935	268011.13	326896.49	960	268148.97	327096.02	985	268312.05	327289.47
911	267842, 95	326723. 91	936	268018.13	326903.45	961	268154.03	327104.65			
912	267849. 75	326731. 24	937	268024.92	326910.34	962	268159.08	327113.28			
913	267856. 54	326738.58	938	268031.54	326917.26	963	268164.13	327121.91			
914	267863. 33	326745. 92	939	268037.96	326924.24	964	268169.19	327130.54			
915		326753. 26	940	268044.20	326931.33	965	268174.24	327139.17			
916		326760. 59	941	268050.28	326938.56	966	268179.47	327148.10			
917	267883. 71	326767. 93	942	268056.20	326945.92	967	268184.53	327156.63			
918		326775, 27	943	268061.95	326953.41	968	268189.87	327165.41			
919	267897. 32	326782.63	944	268067.54	326961.03	969	268189.94	327165.53			
920		326790. 04	945	268072.95	326968.77	970	268211.63	327181.47			
921	267911. 19	326797. 43	946	268078.21	326976.64	971	268214.80	327186.09			
922	267918. 22	326804. 78	947	268083.35	326984.69	972	268220.50	327194.39			
923	267925. 29	326812.08	948	268088.45	326992.95	973	268226.21	327202.71			
924	267932. 42	326819. 34	949	268093.45	327001.21	974	268232.06	327211.02			
925		326826, 52	950	268098.44	327009.73	975	268237.99	327219.27			

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Police	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
986	319495. 37	264221.89	1011	320006.99	264327.52	1036	320230.55	264442.35	1061	320483.21	264482.61
987	319642. 41	264199. 59	1012	320016.08	264331.68	1037	320240.52	264446.04	1062	320493.21	264483.58
988	319685. 33	264198. 94	1013	320025.18	264335.84	1038	320250.57	264449.47	1063	320503.24	264484.52
989	319753. 23	264208.35	1014	320034.17	264339.97	1039	320260.71	264452.66	1064	320513.29	264485.43
990	319797, 19	264221.67	1015	320043.03	264344.11	1040	320270.92	264455.59	1065	320523.40	264486.30
991	319825, 16	264244. 34	1016	320051.82	264348.32	1041	320281.20	264458.26	1066	320533.54	264487.10
992	319834. 28	264248. 46	1017	320060.57	264352.63	1042	320291.55	264460.68	1067	320543.70	264487.83
993	319843, 60	264252, 73	1018	320069.27	264357.02	1043	320301.96	264462.83	1068	320553.88	264488.48
994	319852. 42	264256. 76	1019	320077.93	264361.50	1044	320312.40	264464.73	1069	320564.05	264489.05
995	319861, 51	264260, 93	1020	320086.55	264366.07	1045	320322.85	264466.35	1070	320574.23	264489.54
996	319870, 60	264265, 09	1021	320095.12	264370.72	1046	320333.22	264467.75	1071	320584.42	264489.96
997	319879, 69	264269. 25	1022	320103.64	264375.45	1047	320343.50	264468.96	1072	320594.59	264490.30
998	319888, 79	264273. 41	1023	320112.15	264380.30	1048	320353.67	264470.04	1073	320604.74	264490.56
999	319897. 88	264277. 57	1024	320120.73	264385.26	1049	320363.71	264471.04	1074	320614.86	264490.77
1000		264281.74	1025	320129.39	264390.26	1050	320373.72	264472.03	1075	320624.94	264490.94
1001	319916.06	264285. 90	1026	320138.05	264395.27	1051	320383.71	264472.98	1076	320634.98	264491.09
1002	319925, 15	264290.06	1027	320146.70	264400.27	1052	320393.63	264473.94	1077	320644.99	264491.22
1003	319934, 25	264294, 22	1028	320155.42	264405.31	1053	320403.58	264474.90	1078	320654.99	264491.35
1004	319943, 34	264298. 38	1029	320164.26	264410.35	1054	320413.53	264475.87	1079	320664.99	264491.49
1005	319952, 43	264302, 55	1030	320173.24	264415.37	1055	320423.49	264476.83	1080	320675.16	264491.62
1006	319961. 53	264306.71	1031	320182.39	264420.33	1056	320433.44	264477.80	1081	320684.98	264491.62
1007	319970. 62	264310. 87	1032	320191.73	264425.16	1057	320443.39	264478.76	1082	320694.36	264491.88
1008		264315. 03	1033	320201.26	264429.81	1058	320453.35	264479.72	1083	320704.97	264492.02
1009	319988, 80	264319. 19	1034	320210.92	264434.24	1059	320463.30	264480.69	1084	320719.92	264492.24
	319997. 90	264323. 36	1035	320220.68	264438.42	1060	320473.26	264481.65	1085	320724.87	264492.32

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7.	Coord	linates		Coord	linates	D	Coord	linates		Coord	linates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)
1086	320734. 79	264492.51	1111	320982.97	264508.01	1136	321236.74	264499.41	1161	321485.40	264473.50
1087	320744. 68	264492.74	1112	320993.02	264508.74	1137	321246.69	264498.37	1162	321495.34	264472.46
1088	320754. 55	264493. 02	1113	321003.04	264509.42	1138	321256.64	264497.33	1163	321505.29	264471.42
1089	320764. 42	264493. 34	1114	321013.28	264510.12	1139	321266.58	264496.30	1164	321515.23	264470.39
1090	320774. 29	264493. 71	1115	321023.63	264510.62	1140	321276.53	264495.26	1165	321525.18	264469.35
1091	320784. 16	264494. 13	1116	321033.75	264511.10	1141	321286.47	264494.22	1166	321535.13	264468.32
1092	320794. 02	264494.60	1117	321044.07	264511.40	1142	321296.42	264493.19	1167	321545.06	264467.28
1093	320803. 88	264495. 12	1118	321054.30	264511.62	1143	321306.36	264492.15	1168	321554.89	264466.27
1094	320813. 74	264495, 69	1119	321064.82	264511.73	1144	321316.31	264491.11	1169	321559.77	264465.80
1095	320823. 61	264496. 31	1120	321074.85	264511.72	1145	321326.26	264490.08	1170	321583.33	264453.79
1096	320833, 49	264496. 97	1121	321085.13	264511.60	1146	321336.20	264489.04	1171	321583.40	264453.78
1097	320843. 40	264497.67	1122	321095.40	264511.36	1147	321346.15	264488.01	1172	321593.24	264453.12
1098	320853, 79	264498. 42	1123	321105.67	264511.01	1148	321356.10	264486.97	1173	321603.09	264452.54
1099	320863. 28	264498.77	1124	321115.94	264510.55	1149	321366.04	264485.93	1174	321612.94	264452.05
1100		264499. 83	1125	321126.20	264509.97	1150	321375.99	264484.90	1175	321622.79	264451.66
1101	320883. 22	264500.60	1126	321136.45	264509.28	1151	321385.93	264483.86	1176	321632.65	264451.35
1102	320893. 19	264501.35	1127	321146.67	264508.48	1152	321395.88	264482.82	1177	321642.51	264451.13
1103	320903. 16	264502.09	1128	321156.84	264507.59	1153	321405.83	264481.79	1178	321652.38	264451.00
1104	320913. 14	264502. 83	1129	321166.95	264506.63	1154	321415.77	264480.75	1179	321662.24	264450.96
1105		264503.57	1130	321177.00	264505.62	1155	321425.72	264479.71	1180	321672.10	264451.01
1106		264504. 31	1131	321187.00	264504.59	1156	321435.66	264478.68	1181	321681.97	264451.16
1107	320943. 05	264505. 05	1132	321196.96	264503.55	1157	321445.61	264477.64	1182	321691.83	264451.39
1108		264505. 79	1133	321206.90	264502.51	1158	321455.56	264476.61	1183	321701.69	264451.71
1109		264506, 53	1134	321216.85	264501.48	1159	321465.50	264475.57	1184	321711.54	264452.12
	320972. 97	264507. 27	1135	321226.80	264500.44	1160	321475.45	264474.53	1185	321721.39	264452.62

VURRA - ARUA -ORABA ROAD PROJECT

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Poline	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
1186	321730. 66	264453. 17	1211	321959.66	264527.66	1236	322173.98	264653.41	1261	322384.81	264824.24
1187	321741. 15	264453.89	1212	321968.39	264532.54	1237	322182.09	264659.05	1262	322393.57	264829.76
1188	321751. 49	264454.59	1213	321977.12	264537.42	1238	322190.15	264664.76	1263	322402.42	264835.16
1189	321760. 78	264455.34	1214	321985.85	264542.30	1239	322198.21	264670.57	1264	322411.34	264840.42
1190	321770. 40	264456.30	1215	321994.58	264547.18	1240	322206.27	264676.37	1265	322420.33	264845.56
1191	321779. 95	264457. 49	1216	322003.31	264552.06	1241	322213.98	264682.23	1266	322429.39	264850.57
1192	321789. 46	264458.93	1217	322012.04	264556.94	1242	322221.90	264688.24	1267	322438.53	264855.46
1193	321798. 71	264460.56	1218	322020.77	264561.81	1243	322229.73	264694.29	1268	322447.73	264860.20
1194	321808. 38	264462.83	1219	322029.50	264566.69	1244	322237.57	264700.42	1269	322457.00	264864.82
1195	321817. 99	264464.71	1220	322038.23	264571.57	1245	322245.45	264706.58	1270	322466.34	264869.31
1196	321827. 09	264467.02	1221	322046.96	264576.45	1246	322253.32	264712.74	1271	322475.74	264873.66
1197	321836. 35	264469.63	1222	322055.68	264581.33	1247	322261.18	264718.91	1272	322485.20	264877.87
1198	321845. 55	264472. 47	1223	322064.41	264586.21	1248	322269.06	264725.08	1273	322494.72	264881.95
1199	321854. 67	264475.54	1224	322073.15	264591.09	1249	322276.94	264731.24	1274	322504.29	264885.90
1200	321863. 71	264478.84	1225	322081.83	264595.94	1250	322284.81	264737.41	1275	322513.92	264889.70
1201	321872. 67	264482.36	1226	322090.43	264600.82	1251	322292.68	264743.57	1276	322523.44	264893.31
1202	321881. 54	264486.10	1227	322098.98	264605.77	1252	322292.69	264743.57	1277	322528.47	264895.15
1203	321890. 31	264490.07	1228	322107.49	264610.78	1253	322325.89	264782.27	1278	322532.76	264896.69
1204	321898. 98	264494. 25	1229	322115.95	264615.87	1254	322325.92	264782.29	1279	322533.35	264896.90
1205	321907. 54	264498.65	1230	322124.38	264621.02	1255	322333.97	264788.56	1280	322538.04	264898.57
1206	321916. 08	264503.31	1231	322132.75	264626.25	1256	322342.23	264794.80	1281	322540.44	264899.42
1207	321924. 75	264508. 15	1232	322141.09	264631.54	1257	322350.57	264800.93	1282	322542.76	264900.24
1208	321933. 48	264513.03	1233	322149.43	264636.94	1258	322359.01	264806.94	1283	322547.46	264901.92
1209	321942. 21	264517.91	1234	322157.63	264642.24	1259	322367.53	264812.83	1284	322548.01	264902.11
1210	321950. 93	264522. 79	1235	322165.78	264647.81	1260	322376.13	264818.60	1285	322552.17	264903.59

VURRA - ARUA -ORABA ROAD PROJECT

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Deine	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	linates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
1286	322555. 76	264904.87	1311	322660.46	264942.09	1336	322749.53	264985.00	1361	322844.72	265045.19
1287	322556. 88	264905. 26	1312	322665.09	264943.75	1337	322753.56	264987.65	1362	322849.47	265047.57
1288	322561.60	264906. 94	1313	322669.68	264945.42	1338	322757.60	264990.35	1363	322854.26	265049.88
1289	322562. 41	264907. 23	1314	322674.22	264947.11	1339	322761.66	264993.08	1364	322859.07	265052.14
1290	322566. 31	264908. 61	1315	322678.73	264948.81	1340	322765.73	264995.85	1365	322863.91	265054.33
1291	322571.02	264910. 29	1316	322683.25	264950.57	1341	322769.83	264998.66	1366	322868.77	265056.47
1292	322575, 73	264911.96	1317	322683.74	264950.76	1342	322772.94	265000.78	1367	322873.90	265058.64
1293	322580. 44	264913. 64	1318	322687.59	264952.30	1343	322774.83	265002.08	1368	322878.56	265060.54
1294		264915. 31	1319	322691.95	264954.09	1344	322778.06	265004.30	1369	322883.46	265062.48
1295	322589, 87	264916. 99	1320	322696.29	264955.94	1345	322782.23	265007.14	1370	322887.80	265064.15
1296	322594, 57	264918, 66	1321	322698.92	264957.09	1346	322786.42	265009.99	1371	322888.39	265064.38
1297	322599. 29	264920. 34	1322	322700.47	264957.78	1347	322790.64	265012.85	1372	322891.20	265065.43
1298	322603, 99	264922. 01	1323	322704.65	264959.70	1348	322794.90	265015.70	1373	322893.26	265066.20
1299	322608.71	264923. 68	1324	322708.94	264961.73	1349	322799.20	265018.54	1374	322898.10	265067.97
1300		264925. 36	1325	322713.10	264963.79	1350	322803.52	265021.35	1375	322902.95	265069.70
1301	322618. 13	264927. 03	1326	322717.23	264965.90	1351	322804.77	265022.16	1376	322907.78	265071.40
1302	322622. 84	264928.71	1327	322721.33	264968.07	1352	322807.85	265024.12	1377	322912.60	265073.07
1303	322627. 56	264930. 38	1328	322725.41	264970.30	1353	322812.38	265026.97	1378	322917.39	265074.71
1304	322632. 26	264932. 05	1329	322729.51	264972.63	1354	322816.87	265029.72	1379	322922.14	265076.33
1305		264933. 02	1330	322730.03	264972.93	1355	322820.55	265031.92	1380	322925.24	265077.38
1306	322636, 98	264933. 73	1331	322733.46	264974.94	1356	322821.48	265032.47	1381	322926.90	265077.95
1307	322641.69	264935. 40	1332	322737.48	264977.37	1357	322826.02	265035.11	1382	322931.63	265079.55
1308		264937. 08	1333	322741.51	264979.86	1358	322830.65	265037.72	1383	322936.36	265081.16
1309	322651, 19	264938, 78	1334	322744.29	264981.62	1359	322835.31	265040.27	1384	322941.09	265082.77
	322655. 80	264940. 42	1335	322745.48	264982.38	1360	322840.00	265042.76	1385	322945.83	265084.38

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Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
1386	322950. 57	265085.99	1411	323064.18	265124.62	1436	323291.41	265201.87	1461	323543.05	265242.17
1387	322955. 30	265087.60	1412	323068.91	265126.23	1437	323300.93	265205.10	1462	323552.81	265242.99
1388	322960. 03	265089, 21	1413	323073.64	265127.84	1438	323310.54	265208.32	1463	323562.56	265243.89
1389	322964. 77	265090, 82	1414	323083.12	265131.06	1439	323320.26	265211.51	1464	323572.31	265244.87
1390	322969. 50	265092, 43	1415	323092.58	265134.27	1440	323330.10	265214.61	1465	323582.04	265245.93
1391	322974. 24	265094.04	1416	323102.05	265137.49	1441	323340.08	265217.59	1466	323591.76	265247.08
1392		265095, 65	1417	323111.52	265140.71	1442	323350.18	265220.41	1467	323601.48	265248.30
1393	322982. 94	265097.00	1418	323120.99	265143.93	1443	323360.34	265223.03	1468	323611.18	265249.61
1394		265097. 25	1419	323130.45	265147.15	1444	323370.56	265225.45	1469	323620.88	265250.99
1395	322988, 44	265098, 87	1420	323139.92	265150.37	1445	323380.83	265227.66	1470	323630.56	265252.46
1396	322993, 17	265100, 48	1421	323149.39	265153.59	1446	323391.13	265229.67	1471	323640.29	265254.02
1397	322997. 90	265102.09	1422	323158.86	265156.80	1447	323401.47	265231.47	1472	323650.12	265255.62
1398		265103.70	1423	323168.32	265160.02	1448	323411.85	265233.06	1473	323659.99	265257.23
1399	323007, 37	265105, 30	1424	323177.79	265163.24	1449	323422.26	265234.45	1474	323669.86	265258.85
1400	323012. 11	265106. 92	1425	323187.26	265166.46	1450	323432.69	265235.62	1475	323679.73	265260.46
1401	323016. 84	265108. 52	1426	323196.73	265169.68	1451	323443.12	265236.59	1476	323689.59	265262.07
1402	323021. 57	265110. 13	1427	323206.20	265172.90	1452	323453.50	265237.36	1477	323699.46	265263.68
1403	323026. 31	265111.74	1428	323215.67	265176.12	1453	323463.80	265237.98	1478	323709.33	265265.29
1404	323031. 04	265113. 35	1429	323225.13	265179.34	1454	323474.01	265238.48	1479	323719.20	265266.91
1405		265114. 96	1430	323234.60	265182.55	1455	323484.12	265238.91	1480	323729.07	265268.52
1406		2651116.57	1431	323244.07	265185.77	1456	323493.80	265239.28	1481	323738.94	265270.13
1407	323045. 25	265118.18	1432	323253.54	265188.99	1457	323503.97	265239.71	1482	323748.81	265271.74
1408		265119.79	1433	323263.00	265192.21	1458	323513.75	265240.21	1483	323758.68	265273.35
1409	323054, 71	265121, 40	1434	323272.47	265195.43	1459	323523.52	265240.78	1484	323768.55	265274.97
	323059. 45	265123. 01	1435	323281.94	265198.65	1460	323533.29	265241.43	1485	323778.42	265276.58

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7.	Coord	linates		Coord	linates	D	Coord	linates		Coord	linates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
1486	323788. 29	265278. 19	1511	324014.40	265348.64	1536	324237.88	265468.90	1561	324466.77	265566.17
1487	323798. 16	265279. 80	1512	324022.46	265354.08	1537	324247.12	265472.73	1562	324475.65	265570.43
1488	323808. 02	265281. 41	1513	324030.59	265359.66	1538	324256.36	265476.56	1563	324484.51	265574.74
1489	323817. 90	265283. 03	1514	324038.78	265365.32	1539	324265.59	265480.39	1564	324493.35	265579.11
1490	323827. 76	265284. 64	1515	324047.00	265371.01	1540	324274.84	265484.22	1565	324502.15	265583.52
1491	323837. 63	265286, 25	1516	324055.23	265376.70	1541	324284.07	265488.05	1566	324510.94	265587.99
1492	323847, 50	265287. 86	1517	324063.48	265382.40	1542	324293.31	265491.88	1567	324519.69	265592.51
1493	323857. 32	265289. 47	1518	324071.82	265388.14	1543	324302.55	265495.71	1568	324528.42	265597.08
1494		265291.09	1519	324080.32	265393.89	1544	324311.78	265499.54	1569	324537.12	265601.70
1495		265292. 78	1520	324089.00	265399.60	1545	324321.02	265503.37	1570	324545.80	265606.37
1496	323886, 00	265294. 58	1521	324097.90	265405.22	1546	324330.26	265507.20	1571	324554.44	265611.10
1497	323895. 25	265296, 53	1522	324107.03	265410.70	1547	324339.49	265511.03	1572	324563.06	265615.87
1498	323904. 35	265298. 69	1523	324116.37	265415.94	1548	324348.73	265514.86	1573	324571.65	265620.70
1499	323913. 34	265301.08	1524	324125.86	265420.92	1549	324357.97	265518.70	1574	324580.22	265625.57
1500		265303. 72	1525	324135.40	265425.59	1550	324367.20	265522.53	1575	324588.75	265630.50
1501	323931. 11	265306, 61	1526	324144.94	265429.99	1551	324373.72	265525.23	1576	324597.25	265635.47
1502	323939. 87	265309.75	1527	324154.44	265434.17	1552	324385.66	265530.18	1577	324605.73	265640.50
1503		265313. 12	1528	324163.87	265438.18	1553	324394.82	265533.99	1578	324614.17	265645.58
1504	323957. 12	265316. 74	1529	324173.62	265442.25	1554	324403.90	265537.83	1579	324622.59	265650.70
1505		265320, 59	1530	324182.46	265445.91	1555	324412.95	265541.72	1580	324630.97	265655.87
1506		265324, 68	1531	324191.70	265449.74	1556	324421.98	265545.66	1581	324639.33	265661.10
1507	323982. 19	265328. 99	1532	324200.94	265453.57	1557	324430.98	265549.66	1582	324647.71	265666.41
1508		265333.54	1533	324210.17	265457.40	1558	324439.97	265553.71	1583	324655.94	265671.69
1509	323998, 36	265338, 34	1534	324219.41	265461.24	1559	324448.92	265557.81	1584	324664.20	265677.06
	324005. 88	265343.06	1535	324228.65	265465.07	1560	324457.86	265561.96	1585	324672.43	265682.48

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Police	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
1586	324680. 63	265687.95	1611	324876.88	265838.79	1636	325073.70	265996.73	1661	325264.92	266150.36
1587	324688. 85	265693. 51	1612	324884.63	265845.12	1637	325081.67	266002.21	1662	325272.18	266157.24
1588	324696. 93	265698.96	1613	324892.37	265851.45	1638	325089.92	266007.87	1663	325279.43	266164.12
1589	324704. 96	265704.60	1614	324900.11	265857.78	1639	325098.16	266013.53	1664	325286.69	266171.01
1590	324713. 09	265710.30	1615	324907.85	265864.11	1640	325106.39	266019.19	1665	325293.94	266177.89
1591	324721, 12	265716.00	1616	324915.60	265870.44	1641	325114.57	266024.83	1666	325301.19	266184.77
1592	324729. 12	265721.76	1617	324923.34	265876.77	1642	325122.70	266030.47	1667	325308.45	266191.66
1593	324737. 09	265727. 56	1618	324931.08	265883.09	1643	325130.75	266036.12	1668	325315.70	266198.54
1594	324745. 02	265733. 40	1619	324938.82	265889.42	1644	325138.83	266041.89	1669	325322.95	266205.42
1595	324752. 91	265739.30	1620	324946.57	265895.75	1645	325146.58	266047.41	1670	325330.21	266212.31
1596	324760. 77	265745. 24	1621	324954.31	265902.08	1646	325154.27	266053.27	1671	325337.46	266219.19
1597	324768. 60	265751. 22	1622	324962.05	265908.41	1647	325162.11	266059.25	1672	325344.71	266226.07
1598	324776, 39	265757, 25	1623	324969.80	265914.74	1648	325169.77	266065.23	1673	325351.97	266232.96
1599	324784. 15	265763.33	1624	324977.54	265921.06	1649	325177.37	266071.30	1674	325359.22	266239.84
1600	324791. 87	265769.46	1625	324985.28	265927.39	1650	325184.90	266077.45	1675	325366.49	266246.74
1601	324799. 55	265775. 62	1626	324993.03	265933.72	1651	325192.36	266083.68	1676	325373.91	266253.77
1602	324807. 15	265781.80	1627	325000.77	265940.05	1652	325199.75	266090.00	1677	325381.68	266260.87
1603	324814. 94	265788. 17	1628	325008.51	265946.38	1653	325207.07	266096.39	1678	325389.68	266267.84
1604	324822. 68	265794. 49	1629	325016.25	265952.71	1654	325214.33	266102.88	1679	325397.84	266274.61
1605	324830. 43	265800. 82	1630	325024.00	265959.04	1655	325221.55	266109.47	1680	325406.18	266281.18
1606	324838. 17	265807. 15	1631	325031.83	265965.44	1656	325228.76	266116.15	1681	325414.66	266287.54
1607	324845. 91	265813. 48	1632	325039.90	265971.90	1657	325235.96	266122.90	1682	325423.31	266293.70
1608		265819. 81	1633	325048.13	265978.28	1658	325243.18	266129.72	1683	325432.10	266299.64
1609	324861. 40	265826. 14	1634	325056.41	265984.47	1659	325250.42	266136.59	1684	325441.03	266305.37
1610	324869. 14	265832. 47	1635	325064.92	265990.70	1660	325257.67	266143.47	1685	325450.09	266310.87

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7.	Coord	linates		Coord	linates		Coord	linates	P	Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)
1781	326237. 65	266825.68	1806	326357.73	267049.05	1831	326430.35	267279.80	1856	326447.44	267529.39
1782	326243. 45	266833.39	1807	326361.86	267058.17	1832	326431.65	267289.38	1857	326449.20	267539.87
1783	326249. 13	266841.18	1808	326365.98	267067.28	1833	326432.82	267298.98	1858	326451.21	267550.30
1784	326254. 71	266849.05	1809	326370.15	267076.50	1834	326433.86	267308.59	1859	326453.49	267560.68
1785	326260. 17	266857, 00	1810	326374.24	267085.54	1835	326434.78	267318.21	1860	326456.03	267570.99
1786		266865, 02	1811	326378.08	267093.93	1836	326435.56	267327.85	1861	326458.82	267581.25
1787	326270. 74	266873. 12	1812	326381.79	267103.01	1837	326436.22	267337.49	1862	326461.87	267591.42
1788	326275. 86	266881.30	1813	326385.51	267112.11	1838	326436.75	267347.18	1863	326465.17	267601.52
1789		266889.54	1814	326389.05	267121.11	1839	326436.97	267352.03	1864	326468.72	267611.54
1790		266897, 86	1815	326392.46	267130.15	1840	326437.23	267358.18	1865	326472.53	267621.46
1791	326290, 50	266906, 25	1816	326395.76	267139.24	1841	326438.03	267376.98	1866	326476.58	267631.28
1792	326295. 13	266914.70	1817	326398.93	267148.37	1842	326438.46	267386.97	1867	326480.87	267641.00
1793	326299. 65	266923, 22	1818	326402.05	267157.72	1843	326438.88	267396.96	1868	326485.41	267650.61
1794	326304. 05	266931.80	1819	326404.92	267166.30	1844	326439.31	267406.95	1869	326490.18	267660.10
1795		266940. 44	1820	326407.68	267175.84	1845	326439.74	267416.95	1870	326495.19	267669.47
1796	326312. 46	266949. 12	1821	326410.41	267185.29	1846	326440.17	267426.93	1871	326500.43	267678.71
1797	326320. 65	266967.09	1822	326412.97	267194.61	1847	326440.59	267436.93	1872	326505.90	267687.82
1798		266976. 17	1823	326415.40	267203.97	1848	326441.02	267446.92	1873	326511.60	267696.78
1799	326328. 88	266985. 28	1824	326417.71	267213.35	1849	326441.41	267456.10	1874	326517.52	267705.61
1800		266994.39	1825	326419.90	267222.77	1850	326441.89	267466.99	1875	326523.66	267714.28
1801	326337, 12	267003.50	1826	326421.96	267232.21	1851	326442.38	267477.16	1876	326530.01	267722.79
1802	326341. 24	267012.61	1827	326423.89	267241.69	1852	326442.99	267487.43	1877	326536.58	267731.15
1803		267021.72	1828	326425.70	267251.18	1853	326443.58	267495.76	1878	326543.35	267739.34
1804	326349, 49	267030, 83	1829	326427.38	267260.70	1854	326444.72	267508.31	1879	326550.32	267747.35
	326353. 61	267039.94	1830	326428.93	267270.24	1855	326445.95	267518.87	1880	326557.49	267755.19

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Police	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
1881	326564. 82	267762.81	1906	326748.61	267933.97	1931	326931.90	268108.18	1956	327165.59	268237.12
1882	326572. 23	267770. 20	1907	326755.85	267940.70	1932	326940.55	268114.23	1957	327169.11	268239.53
1883	326579. 67	267777.39	1908	326763.00	267947.45	1933	326949.31	268120.08	1958	327177.41	268245.24
1884	326587. 11	267784. 41	1909	326770.11	267954.24	1934	326958.11	268125.70	1959	327185.59	268250.85
1885	326594. 52	267791.30	1910	326777.17	267961.09	1935	326966.87	268131.11	1960	327193.63	268256.50
1886	326601.88	267798.11	1911	326784.19	267967.98	1936	326975.61	268136.40	1961	327201.62	268262.25
1887	326609. 22	267804.91	1912	326791.17	267974.93	1937	326984.46	268141.58	1962	327209.60	268268.13
1888	326616. 56	267811.70	1913	326798.08	267981.87	1938	326993.09	268146.64	1963	327217.53	268274.05
1889	326623. 89	267818.50	1914	326804.99	267988.95	1939	327001.72	268151.69	1964	327225.54	268280.04
1890	326631. 23	267825. 29	1915	326811.97	267996.11	1940	327010.35	268156.75	1965	327233.55	268286.02
1891	326638. 57	267832.08	1916	326818.95	268003.27	1941	327018.98	268161.80	1966	327241.46	268291.94
1892	326645. 91	267838. 88	1917	326825.93	268010.43	1942	327027.61	268166.85	1967	327248.29	268297.22
1893	326653. 25	267845.67	1918	326832.91	268017.59	1943	327036.24	268171.91	1968	327253.21	268302.52
1894	326660. 58	267852.46	1919	326839.90	268024.75	1944	327044.87	268176.96	1969	327256.83	268308.46
1895	326667. 92	267859. 26	1920	326846.82	268031.85	1945	327053.49	268182.01	1970	327261.17	268320.51
1896	326675. 26	267866.05	1921	326853.88	268039.19	1946	327062.13	268187.07			
1897	326682.60	267872.85	1922	326861.02	268046.37	1947	327070.75	268192.12			
1898	326689. 94	267879.64	1923	326868.17	268053.56	1948	327079.38	268197.17			
1899	326697. 27	267886. 43	1924	326875.52	268060.81	1949	327088.01	268202.23			
1900	326704. 61	267893. 23	1925	326883.06	268068.01	1950	327096.64	268207.28			_
1901	326711. 95	267900.02	1926	326890.80	268075.13	1951	327105.27	268212.33			
1902	326719. 29	267906. 81	1927	326898.72	268082.10	1952	327113.90	268217.39			
1903		267913.61	1928	326906.80	268088.90	1953	327122.72	268222.55			
1904	326733. 96	267920. 40	1929	326915.02	268095.51	1954	327130.90	268227.40			_
1905	326741.30	267927. 20	1930	326923.39	268101.94	1955	327139.09	268232.38			

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
1971	268064.48	337215. 31	1996	268223.54	337419.75	2021	268410.94	337576.57	2046	268604.32	337738.85
1972	268070. 58	337223. 24	1997	268230.04	337427.10	2022	268419.44	337581.65	2047	268609.98	337747.09
1973	268076.67	337231.17	1998	268236.63	337434.37	2023	268428.01	337586.72	2048	268615.64	337755.34
1974	268082. 76	337239. 10	1999	268243.31	337441.56	2024	268436.62	337591.81	2049	268621.30	337763.58
1975	268088. 85	337247. 03	2000	268250.09	337448.66	2025	268445.22	337596.90	2050	268626.96	337771.83
1976	268094. 94	337254.96	2001	268256.94	337455.68	2026	268453.83	337601.98	2051	268632.62	337780.07
1977	268101. 04	337262. 89	2002	268263.89	337462.61	2027	268462.44	337607.07	2052	268638.28	337788.32
1978	268107. 13	337270. 82	2003	268270.92	337469.45	2028	268471.05	337612.16	2053	268643.94	337796.56
1979	268113.06	337278. 54	2004	268278.04	337476.21	2029	268479.66	337617.25	2054	268649.60	337804.81
1980	268125. 40	337294.61	2005	268285.24	337482.87	2030	268488.28	337622.34	2055	268655.26	337813.05
1981	268131. 50	337302. 54	2006	268292.52	337489.45	2031	268496.98	337627.50	2056	268660.91	337821.30
1982	268137. 59	337310. 47	2007	268299.89	337495.93	2032	268505.77	337632.86	2057	268666.57	337829.54
1983	268143. 68	337318. 40	2008	268307.34	337502.32	2033	268514.58	337638.57	2058	268672.23	337837.79
1984	268149.77	337326. 33	2009	268314.86	337508.62	2034	268523.26	337644.71	2059	268677.89	337846.03
1985	268155. 86	337334. 26	2010	268322.13	337514.55	2035	268531.68	337651.23	2060	268683.55	337854.27
1986	268161.95	337342. 19	2011	268330.15	337520.93	2036	268539.81	337658.11	2061	268689.21	337862.52
1987	268168.05	337350. 12	2012	268337.90	337526.94	2037	268547.64	337665.33	2062	268694.87	337870.76
1988	268174.14	337358. 05	2013	268345.73	337532.85	2038	268555.14	337672.89	2063	268700.53	337879.01
1989	268180. 26	337366.02	2014	268353.72	337538.73	2039	268562.31	337680.77	2064	268706.25	337887.34
1990	268186. 23	337373. 90	2015	268361.39	337544.38	2040	268569.12	337688.95	2065	268711.82	337895.41
1991	268192. 35	337381.72	2016	268369.58	337549.95	2041	268575.52	337697.33	2066	268717.50	337903.53
1992	268198. 47	337389. 54	2017	268377.77	337555.51	2042	268581.56	337705.74	2067	268723.23	337911.62
1993	268204.60	337397. 22	2018	268385.96	337560.93	2043	268587.33	337714.09	2068	268729.00	337919.68
1994	268210. 82	337404. 81	2019	268394.21	337566.24	2044	268593.00	337722.36	2069	268734.83	337927.70
1995	268217.14	337412. 32	2020	268402.53	337571.44	2045	268598.66	337730.60	2070	268740.71	337935.71

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Deline.	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
2071	268746.64	337943.74	2096	268898.70	338141.34	2121	269070.05	338317.27	2146	269271.24	338465.83
2072	268752. 58	337951.79	2097	268904.96	338149.14	2122	269077.91	338323.18	2147	269279.14	338471.95
2073	268758. 52	337959. 84	2098	268911.23	338156.93	2123	269085.86	338329.04	2148	269287.05	338478.08
2074	268764.46	337967.88	2099	268917.50	338164.71	2124	269093.88	338334.85	2149	269294.95	338484.20
2075	268770.39	337975. 93	2100	268923.76	338172.49	2125	269101.96	338340.65	2150	269302.86	338490.33
2076	268776. 33	337983. 98	2101	268930.01	338180.21	2126	269110.08	338346.44	2151	269310.76	338496.45
2077		337992. 02	2102	268936.29	338187.88	2127	269118.22	338352.24	2152	269318.67	338502.58
2078	268788. 22	338000.09	2103	268942.59	338195.48	2128	269126.36	338358.04	2153	269326.57	338508.70
2079	268794. 10	338008. 12	2104	268948.95	338202.99	2129	269134.51	338363.85	2154	269334.47	338514.83
2080	268800.05	338016.12	2105	268955.38	338210.40	2130	269142.65	338369.65	2155	269342.38	338520.95
2081	268805. 99	338024. 11	2106	268961.90	338217.74	2131	269150.80	338375.45	2156	269350.29	338527.08
2082	268811.95	338032.05	2107	268968.52	338224.99	2132	269158.94	338381.26	2157	269358.19	338533.21
2083	268817. 96	338039.95	2108	268975.22	338232.16	2133	269167.04	338387.03	2158	269366.09	338539.33
2084	268824.00	338047.83	2109	268982.01	338239.24	2134	269175.35	338392.86	2159	269377.95	338548.52
2085	268830. 08	338055.67	2110	268988.89	338246.24	2135	269183.46	338398.73	2160	269389.80	338557.71
2086	268836. 20	338063. 49	2111	268995.85	338253.15	2136	269191.62	338404.63	2161	269397.71	338563.83
2087	268842. 36	338071.27	2112	269002.90	338259.97	2137	269199.78	338410.66	2162	269405.61	338569.96
2088	268848. 56	338079.03	2113	269010.04	338266.71	2138	269207.89	338416.77	2163	269413.45	338576.03
2089	268854.82	338086.81	2114	269017.26	338273.35	2139	269215.89	338422.93	2164	269421.39	338582.04
2090	268861.08	338094.60	2115	269024.56	338279.90	2140	269223.81	338429.07	2165	269429.34	338588.28
2091	268867. 35	338102.39	2116	269031.95	338286.37	2141	269231.72	338435.20	2166	269437.20	338594.25
2092	268873. 62	338110.18	2117	269039.41	338292.74	2142	269239.62	338441.32	2167	269445.17	338600.29
2093	268879. 89	338117.97	2118	269046.95	338299.01	2143	269247.53	338447.45	2168	269453.13	338606.34
2094	268886. 16	338125. 76	2119	269054.57	338305.19	2144	269255.43	338453.58	2169	269461.10	338612.38
2095	268892. 43	338133. 55	2120	269062.27	338311.28	2145	269263.33	338459.70	2170	269469.07	338618.43

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Poline	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
2171	269477. 03	338624.47	2196	269676.19	338775.60	2221	269709.33	339012.57	2246	269488.74	339161.44
2172	269485. 00	338630. 52	2197	269684.15	338781.64	2222	269701.87	339020.36	2247	269480.17	339166.59
2173	269492. 97	338636. 56	2198	269692.12	338787.69	2223	269694.18	339027.91	2248	269471.60	339171.74
2174	269500. 93	338642.61	2199	269700.08	338793.73	2224	269686.10	339035.34	2249	269463.02	339176.89
2175	269508.90	338648.65	2200	269708.05	338799.78	2225	269669.88	339048.94	2250	269454.46	339182.04
2176	269516. 86	338654.70	2201	269716.02	338805.82	2226	269661.15	339055.59	2251	269445.88	339187.19
2177	269524. 83	338660.74	2202	269723.98	338811.87	2227	269652.42	339061.81	2252	269437.31	339192.34
2178	269532. 80	338666.79	2203	269731.95	338817.91	2228	269643.63	339067.74	2253	269428.74	339197.49
2179	269540. 76	338672.83	2204	269739.91	338823.96	2229	269634.84	339073.40	2254	269420.17	339202.64
2180	269548. 73	338678.88	2205	269747.88	338830.00	2230	269626.07	339078.85	2255	269411.53	339207.84
2181	269556. 69	338684.92	2206	269755.85	338836.05	2231	269617.37	339084.13	2256	269402.85	339212.97
2182	269564.66	338690. 97	2207	269763.81	338842.09	2232	269608.74	339089.33	2257	269394.53	339218.01
2183	269572. 63	338697.01	2208	269771.78	338848.14	2233	269600.17	339094.48	2258	269385.95	339223.20
2184	269580. 59	338703.06	2209	269786.44	338859.26	2234	269591.60	339099.63	2259	269377.31	339228.43
2185	269588. 56	338709.10	2210	269780.54	338873.06	2235	269583.02	339104.78	2260	269368.43	339233.62
2186	269596. 53	338715.15	2211	269776.61	338882.27	2236	269574.46	339109.93	2261	269359.71	339238.71
2187	269604. 49	338721.19	2212	269772.67	338891.49	2237	269565.88	339115.08	2262	269350.86	339243.80
2188	269612. 46	338727. 24	2213	269768.65	338900.77	2238	269557.31	339120.23	2263	269341.93	339248.81
2189	269620. 42	338733. 28	2214	269764.50	338910.08	2239	269548.74	339125.38	2264	269332.95	339253.75
2190	269628. 39	338739.33	2215	269760.17	338919.40	2240	269540.17	339130.53	2265	269323.96	339258.57
2191	269636. 36	338745.37	2216	269755.60	338928.71	2241	269531.60	339135.68	2266	269314.94	339263.33
2192	269644. 32	338751.42	2217	269750.85	338937.77	2242	269523.03	339140.83	2267	269305.78	339267.99
2193		338757.46	2218	269745.61	338947.67	2243	269514.46	339145.98	2268	269296.74	339272.59
2194	269660. 25	338763. 51	2219	269740.06	338956.21	2244	269505.88	339151.13	2269	269287.67	339277.07
2195	269668. 22	338769. 55	2220	269734.48	338964.79	2245	269497.31	339156.29	2270	269278.69	339281.52

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n.i.	Coord	linates		Coord	linates	n : .	Coord	linates		Coore	dinates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
2271	269269. 71	339285. 95	2296	269027.40	339373.93	2321	268786.41	339405.40	2346	268549.15	339475.99
2272	269260. 74	339290. 37	2297	269016.85	339374.40	2322	268776.80	339408.16	2347	268540.37	339479.56
2273	269251. 77	339294. 80	2298	269006.44	339374.67	2323	268767.19	339410.92	2348	268531.66	339483.31
2274	269242. 80	339299. 22	2299	268996.17	339374.80	2324	268757.58	339413.69	2349	268523.04	339487.25
2275	269233. 83	339303. 64	2300	268984.25	339374.84	2325	268747.97	339416.45	2350	268514.50	339491.36
2276	269224. 86	339308.06	2301	268976.02	339374.85	2326	268738.36	339419.21	2351	268506.05	339495.6
2277	269215. 89	339312. 49	2302	268966.11	339374.88	2327	268728.75	339421.97	2352	268497.68	339500.1
2278	269206. 92	339316. 91	2303	268956.30	339374.96	2328	268719.13	339424.73	2353	268489.42	339504.73
2279	269197. 95	339321.33	2304	268946.59	339375.13	2329	268709.53	339427.49	2354	268481.25	339509.5
2280	269188. 98	339325. 76	2305	268936.99	339375.44	2330	268699.91	339430.26	2355	268473.18	339514.5
2281	269179.96	339330. 20	2306	268927.48	339375.90	2331	268690.30	339433.02	2356	268465.22	339519.6
2282	269170. 81	339334.66	2307	268918.05	339376.57	2332	268680.69	339435.78	2357	268457.37	339524.9
2283	269161.49	339339. 09	2308	268908.64	339377.44	2333	268671.08	339438.54	2358	268449.63	339530.4
2284	269151. 98	339343. 43	2309	268899.26	339378.52	2334	268661.47	339441.30	2359	268442.00	339536.1
2285	269142. 26	339347.62	2310	268889.90	339379.80	2335	268651.86	339444.07	2360	268434.50	339541.8
2286	269132. 31	339351.61	2311	268880.58	339381.30	2336	268642.25	339446.83	2361	268427.12	339547.8
2287	269122. 19	339355.30	2312	268871.29	339383.00	2337	268632.61	339449.60	2362	268419.86	339553.9
2288	269111.95	339358.68	2313	268862.03	339384.91	2338	268623.02	339452.34	2363	268412.73	339560.1
2289	269101.61	339361.74	2314	268852.78	339387.03	2339	268613.44	339455.11	2364	268405.73	339566.5
2290	269091.18	339364.47	2315	268843.49	339389.35	2340	268603.88	339457.86	2365	268398.87	339573.1
2291	269080. 67	339366. 87	2316	268834.13	339391.83	2341	268594.45	339460.63	2366	268392.14	339579.7
2292	269070.09	339368. 95	2317	268824.70	339394.43	2342	268585.14	339463.45	2367	268385.56	339586.6
2293	269059. 45	339370.69	2318	268815.20	339397.13	2343	268575.96	339466.36	2368	268379.12	339593.5
2294	269048. 77	339372.10	2319	268805.63	339399.88	2344	268566.93	339469.40	2369	268372.82	339600.6
2295	269038. 06	339373. 18	2320	268796.02	339402.64	2345	268558.00	339472.60	2370	268366.68	339607.8

VURRA - ARUA -ORABA ROAD PROJECT

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										1 45	
D. C.	Coord	linates		Coord	linates		Coord	linates		Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
2371	268360. 69	339615. 21	2396	268229.22	339831.34	2421	268183.82	340069.17	2446	268128.80	340317.99
2372	268354.85	339622. 68	2397	268225.62	339840.00	2422	268182.56	340079.05	2447	268125.38	340327.52
2373	268349. 16	339630, 27	2398	268222.24	339848.74	2423	268181.32	340088.98	2448	268121.83	340337.14
2374	268343. 64	339637.97	2399	268219.07	339857.57	2424	268179.98	340099.04	2449	268118.23	340346.60
2375	268338. 27	339645, 81	2400	268216.13	339866.47	2425	268178.65	340109.02	2450	268114.55	340356.26
2376	268333. 00	339653. 80	2401	268213.42	339875.44	2426	268177.26	340119.08	2451	268110.55	340365.88
2377	268327, 81	339661.96	2402	268210.93	339884.48	2427	268175.79	340129.18	2452	268106.67	340375.23
2378	268322. 64	339670. 27	2403	268208.66	339893.58	2428	268174.22	340139.30	2453	268102.64	340384.65
2379	268317. 48	339678.69	2404	268206.62	339902.73	2429	268172.55	340149.41	2454	268098.52	340394.04
2380	268312. 30	339687. 20	2405	268204.81	339911.95	2430	268170.77	340159.50	2455	268067.81	340435.69
2381	268307, 11	339695, 75	2406	268203.20	339921.30	2431	268168.92	340169.45	2456	268063.38	340444.69
2382	268301. 91	339704. 29	2407	268201.73	339930.83	2432	268167.03	340179.64	2457	268058.95	340453.66
2383	268296, 71	339712.83	2408	268200.35	339940.43	2433	268164.82	340189.80	2458	268054.53	340462.63
2384	268291, 51	339721.37	2409	268199.10	339950.15	2434	268162.67	340199.69	2459	268050.10	340471.60
2385	268286. 32	339729. 92	2410	268197.83	339960.06	2435	268160.40	340209.69	2460	268045.68	340480.56
2386	268281. 12	339738. 46	2411	268196.55	339969.99	2436	268158.02	340219.66	2461	268041.25	340489.53
2387	268275. 92	339747. 01	2412	268195.28	339979.91	2437	268155.55	340229.60	2462	268036.83	340498.50
2388	268270. 72	339755. 55	2413	268194.01	339989.82	2438	268152.98	340239.53	2463	268032.40	340507.47
2389	268265. 53	339764.08	2414	268192.73	339999.74	2439	268150.33	340249.32	2464	268027.98	340516.43
2390	268260. 39	339772.56	2415	268191.46	340009.66	2440	268147.53	340259.65	2465	268023.55	340525.40
2391	268255. 40	339780. 88	2416	268190.19	340019.58	2441	268144.62	340269.25	2466	268019.13	340534.37
2392	268245. 72	339797.72	2417	268188.92	340029.50	2442	268141.69	340278.93	2467	268014.70	340543.34
2393		339805. 94	2418	268187.64	340039.42	2443	268138.62	340288.75	2468	268010.28	340552.30
2394	268237. 06	339814. 31	2419	268186.37	340049.34	2444	268135.49	340298.37	2469	268005.85	340561.27
2395		339822. 78	2420	268185.10	340059.25	2445	268132.20	340308.49	2470	268001.43	340570.24

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Point	Coordinates		D	Coordinates		Point	Coordinates		Point	Coordinates	
	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	roint	E (Y)	N(X)
2471	267997.00	340579. 21	2496	267881.87	340835.10	2521	267763.82	341058.27	2546	267614.78	341260.81
2472	267992. 58	340588.17	2497	267877.64	340843.69	2522	267758.12	341066.82	2547	267608.80	341268.82
2473	267988. 15	340597.14	2498	267873.21	340852.66	2523	267752.34	341075.32	2548	267602.81	341276.84
2474	267983. 72	340606.11	2499	267868.79	340861.63	2524	267746.46	341083.74	2549	267596.90	341284.76
2475	267979. 30	340615.08	2500	267864.36	340870.59	2525	267740.51	341092.08	2550	267591.12	341292.64
2476	267974. 87	340624.04	2501	267859.93	340879.56	2526	267734.52	341100.32	2551	267585.44	341300.56
2477	267970. 45	340633.01	2502	267855.51	340888.53	2527	267728.51	341108.48	2552	267579.83	341308.54
2478	267966. 02	340641.98	2503	267851.09	340897.50	2528	267722.50	341116.56	2553	267574.31	341316.57
2479	267961.60	340650.95	2504	267846.66	340906.46	2529	267716.50	341124.60	2554	267568.86	341324.66
2480	267957. 17	340659.91	2505	267842.23	340915.43	2530	267710.51	341132.61	2555	267563.50	341332.80
2481	267952. 75	340668.88	2506	267837.81	340924.40	2531	267704.53	341140.63	2556	267558.21	341341.00
2482	267948. 32	340677.85	2507	267833.38	340933.37	2532	267698.55	341148.64	2557	267552.95	341349.33
2483	267943. 90	340686.82	2508	267828.95	340942.35	2533	267692.56	341156.65	2558	267547.64	341357.78
2484	267939. 47	340695.78	2509	267824.48	340951.37	2534	267686.58	341164.67	2559	267542.32	341366.24
2485	267935. 05	340704.75	2510	267819.96	340960.42	2535	267680.60	341172.68	2560	267537.00	341374.71
2486	267930. 62	340713.72	2511	267815.37	340969.49	2536	267674.61	341180.69	2561	267531.68	341383.18
2487	267926. 20	340722.69	2512	267810.67	340978.57	2537	267668.63	341188.70	2562	267526.36	341391.65
2488	267921.77	340731.66	2513	267805.87	340987.64	2538	267662.64	341196.72	2563	267521.04	341400.11
2489	267917. 35	340740.62	2514	267800.96	340996.67	2539	267656.66	341204.73	2564	267515.72	341408.58
2490	267912. 92	340749.59	2515	267796.01	341005.52	2540	267650.68	341212.74	2565	267510.40	341417.05
2491	267908. 50	340758.56	2516	267790.97	341014.56	2541	267644.69	341220.75	2566	267505.08	341425.51
2492	267904. 07	340767.53	2517	267785.56	341023.53	2542	267638.71	341228.76	2567	267499.76	341433.98
2493	267899. 65	340776. 49	2518	267780.32	341032.22	2543	267632.73	341236.78	2568	267494.44	341442.45
2494	267895. 22	340785. 46	2519	267774.91	341040.97	2544	267626.75	341244.79	2569	267489.11	341450.92
2495	267890. 79	340794. 43	2520	267769.41	341049.65	2545	267620.76	341252.80	2570	267483.80	341459.38

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Poline	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
2571	267478. 49	341467. 82	2596	267354.51	341683.37	2621	267213.47	341892.69	2646	267137.49	342117.28
2572	267473. 23	341476. 25	2597	267349.78	341692.01	2622	267208.02	341900.51	2647	267135.54	342127.09
2573	267468. 00	341484. 67	2598	267344.88	341700.90	2623	267202.82	341908.33	2648	267133.58	342136.90
2574	267462. 80	341493. 11	2599	267339.91	341709.72	2624	267197.88	341916.22	2649	267131.62	342146.70
2575	267457, 62	341501, 58	2600	267334.73	341718.92	2625	267193.17	341924.22	2650	267129.66	342156.51
2576	267452, 48	341510.05	2601	267329.45	341727.66	2626	267188.70	341932.36	2651	267127.71	342166.32
2577	267447. 36	341518.55	2602	267324.22	341736.31	2627	267184.45	341940.62	2652	267125.75	342176.12
2578	267442. 27	341527.06	2603	267318.66	341745.32	2628	267180.45	341949.00	2653	267123.79	342185.93
2579	267437. 21	341535. 59	2604	267313.04	341753.69	2629	267176.69	341957.49	2654	267121.83	342195.74
2580	267432. 18	341544. 13	2605	267308.00	341762.02	2630	267173.17	341966.08	2655	267119.88	342205.54
2581	267427. 18	341552.70	2606	267302.16	341770.87	2631	267169.90	341974.77	2656	267117.92	342215.35
2582	267422. 21	341561.27	2607	267296.43	341779.37	2632	267166.88	341983.55	2657	267115.96	342225.15
2583	267417. 26	341569.87	2608	267290.62	341787.81	2633	267164.11	341992.41	2658	267113.98	342235.09
2584	267412. 34	341578. 48	2609	267284.79	341796.09	2634	267161.59	342001.38	2659	267111.94	342244.99
2585	267407. 45	341587.11	2610	267278.86	341804.51	2635	267159.28	342010.49	2660	267109.82	342254.99
2586	267402.60	341595. 75	2611	267272.63	341812.84	2636	267157.14	342019.79	2661	267107.55	342265.06
2587	267397. 76	341604. 42	2612	267266.68	341820.83	2637	267155.11	342029.26	2662	267105.12	342275.19
2588	267392. 96	341613.09	2613	267260.71	341828.85	2638	267153.14	342038.89	2663	267102.49	342285.33
2589	267388. 18	341621.80	2614	267254.74	341836.88	2639	267151.19	342048.64	2664	267099.65	342295.44
2590	267383. 39	341630. 56	2615	267248.77	341844.90	2640	267149.24	342058.45	2665	267096.60	342305.49
2591	267378. 59	341639.33	2616	267242.81	341852.92	2641	267147.28	342068.25	2666	267093.36	342315.47
2592	267373. 79	341648.11	2617	267236.84	341860.94	2642	267145.32	342078.06	2667	267089.92	342325.39
2593		341656.88	2618	267230.87	341868.97	2643	267143.36	342087.87	2668	267086.29	342335.22
2594	267364. 19	341665.65	2619	267224.94	341876.94	2644	267141.41	342097.67	2669	267082.49	342344.92
2595	267359. 40	341674. 43	2620	267219.12	341884.84	2645	267139.45	342107.48	2670	267078.59	342354.49

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Police	Coord	linates	Point	Coord	linates	Deine	Coord	linates	P-i	Coord	dinates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
#REF!	267074.62	342363.93	2696	266975.01	342593.19	2721	266880.82	342824.16	2746	266758.63	343130.71
2672	267070. 60	342373. 25	2697	266971.12	342602.37	2722	266877.12	342833.45	2747	266754.92	343140.00
2673	267066. 58	342382.48	2698	266967.24	342611.55	2723	266873.42	342842.74	2748	266751.22	343149.29
2674	267062. 57	342391.65	2699	266963.38	342620.74	2724	266840.09	342926.35	2749	266747.52	343158.57
2675	267058. 57	342400.82	2700	266959.52	342629.93	2725	266836.39	342935.63	2750	266743.81	343167.86
2676	267054. 56	342409. 98	2701	266955.68	342639.13	2726	266832.68	342944.92	2751	266740.11	343177.15
2677	267050. 56	342419.14	2702	266951.84	342648.33	2727	266828.98	342954.21	2752	266736.41	343186.44
2678	267046. 56	342428. 31	2703	266948.02	342657.54	2728	266825.28	342963.50	2753	266732.71	343195.73
2679	267042. 55	342437.47	2704	266944.21	342666.75	2729	266821.58	342972.79	2754	266729.00	343205.02
2680	267038. 55	342446.64	2705	266940.42	342675.97	2730	266817.87	342982.08	2755	266725.30	343214.31
2681	267034. 54	342455. 80	2706	266936.63	342685.19	2731	266814.17	342991.37	2756	266721.60	343223.60
2682	267030. 54	342464. 96	2707	266932.85	342694.43	2732	266810.47	343000.66	2757	266717.89	343232.89
2683	267026. 54	342474.12	2708	266929.08	342703.65	2733	266806.76	343009.95	2758	266714.19	343242.18
2684	267022. 53	342483. 29	2709	266925.34	342712.87	2734	266803.06	343019.24	2759	266710.49	343251.47
2685	267018.53	342492. 45	2710	266921.60	342722.13	2735	266799.36	343028.53	2760	266706.79	343260.75
2686	267014.52	342501.62	2711	266917.87	342731.37	2736	266795.66	343037.82	2761	266703.08	343270.04
2687	267010. 52	342510.78	2712	266914.14	342740.64	2737	266791.95	343047.10	2762	266699.38	343279.33
2688	267006. 53	342519.92	2713	266910.43	342749.88	2738	266788.25	343056.39	2763	266695.68	343288.62
2689	267002. 55	342529.07	2714	266906.75	342759.13	2739	266784.55	343065.68	2764	266691.97	343297.91
2690	266998. 58	342538. 21	2715	266903.04	342768.43	2740	266780.84	343074.97	2765	266688.27	343307.20
2691	266994.62	342547.36	2716	266899.34	342777.72	2741	266777.14	343084.26	2766	266684.57	343316.49
2692	266990. 68	342556. 52	2717	266895.63	342787.01	2742	266773.44	343093.55	2767	266680.87	343325.75
2693		342565.68	2718	266891.93	342796.30	2743	266769.74	343102.84	2768	266677.21	343335.00
2694	266982. 82	342574.84	2719	266888.23	342805.59	2744	266766.03	343112.13	2769	266676.10	343337.84
2695	266978. 91	342584. 01	2720	266884.53	342814.88	2745	266762.33	343121.42	2770	266673.61	343344.19

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
2771	266670.04	343353. 43	2796	266584.46	343587.82	2821	266499.14	343822.81	2846	266408.26	344056.51
2772	266666. 50	343362.68	2797	266581.05	343597.22	2822	266495.73	343832.21	2847	266404.56	344065.80
2773	266663.00	343371.94	2798	266577.63	343606.62	2823	266492.31	343841.61	2848	266400.86	344075.09
2774	266659. 54	343381.22	2799	266574.22	343616.02	2824	266488.88	343851.05	2849	266397.17	344084.38
2775	266656. 10	343390. 55	2800	266570.81	343625.42	2825	266485.42	343860.48	2850	266393.47	344093.68
2776	266653. 57	343397. 40	2801	266567.40	343634.82	2826	266481.89	343870.11	2851	266389.77	344102.96
2777	266649. 31	343409. 21	2802	266563.98	343644.22	2827	266478.31	343879.50	2852	266386.07	344112.26
2778	266645. 89	343418.63	2803	266560.57	343653.62	2828	266474.74	343888.89	2853	266382.38	344121.55
2779	266642. 48	343428. 03	2804	266557.16	343663.02	2829	266471.10	343898.31	2854	266378.68	344130.84
2780	266639. 07	343437.43	2805	266553.74	343672.42	2830	266467.44	343907.72	2855	266374.98	344140.13
2781	266635. 65	343446. 83	2806	266550.33	343681.82	2831	266463.73	343917.10	2856	266371.28	344149.42
2782	266632. 24	343456. 23	2807	266546.92	343691.22	2832	266460.03	343926.43	2857	266367.59	344158.71
2783	266628. 83	343465.63	2808	266543.51	343700.62	2833	266456.33	343935.72	2858	266363.89	344168.01
2784	266625. 41	343475.03	2809	266540.09	343710.02	2834	266452.63	343945.01	2859	266360.19	344177.29
2785	266622.00	343484. 43	2810	266536.68	343719.42	2835	266448.93	343954.31	2860	266356.49	344186.59
2786	266618.59	343493. 82	2811	266533.27	343728.82	2836	266445.23	343963.59	2861	266352.80	344195.88
2787	266615. 18	343503. 23	2812	266529.85	343738.22	2837	266441.54	343972.89	2862	266349.10	344205.17
2788	266611.76	343512.63	2813	266526.44	343747.62	2838	266437.84	343982.18	2863	266345.40	344214.46
2789	266608. 35	343522. 03	2814	266523.03	343757.01	2839	266434.14	343991.47	2864	266341.70	344223.75
2790	266604. 94	343531.42	2815	266519.62	343766.41	2840	266430.44	344000.76	2865	266338.01	344233.04
2791	266601.52	343540. 82	2816	266516.20	343775.81	2841	266426.75	344010.05	2866	266334.31	344242.34
2792	266598. 11	343550. 22	2817	266512.79	343785.21	2842	266423.05	344019.34	2867	266330.61	344251.63
2793	266594.70	343559.62	2818	266509.38	343794.61	2843	266419.35	344028.63	2868	266326.91	344260.92
2794	266591. 29	343569.02	2819	266505.96	343804.01	2844	266415.65	344037.93	2869	266323.22	344270.21
2795	266587. 87	343578. 42	2820	266502.55	343813.41	2845	266411.96	344047.22	2870	266319.52	344279.50

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										1 ag	
Police	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
2871	266315. 82	344288.79	2896	266223.38	344521.07	2921	266109.17	344746.24	2946	265996.99	344967.70
2872	266312. 13	344298. 08	2897	266219.66	344530.43	2922	266104.53	344755.10	2947	265993.06	344976.71
2873	266308. 43	344307.38	2898	266215.75	344540.10	2923	266099.89	344763.96	2948	265989.15	344985.83
2874	266304.73	344316.66	2899	266211.44	344549.94	2924	266095.25	344772.82	2949	265985.37	344994.65
2875	266301.03	344325. 96	2900	266206.82	344559.66	2925	266090.61	344781.67	2950	265981.65	345003.83
2876	266297. 34	344335. 25	2901	266202.03	344568.99	2926	266085.97	344790.53	2951	265977.93	345013.02
2877	266293. 64	344344.54	2902	266197.34	344577.94	2927	266081.33	344799.39	2952	265974.30	345022.16
2878	266289. 94	344353. 83	2903	266192.70	344586.79	2928	266076.69	344808.25	2953	265970.74	345031.32
2879	266286. 24	344363. 12	2904	266188.06	344595.65	2929	266072.05	344817.11	2954	265967.23	345040.51
2880	266282. 54	344372.41	2905	266183.42	344604.51	2930	266067.41	344825.96	2955	265963.78	345049.72
2881	266278. 85	344381.70	2906	266178.78	344613.37	2931	266062.77	344834.82	2956	265960.40	345058.95
2882	266275. 15	344390. 99	2907	266174.14	344622.23	2932	266058.13	344843.68	2957	265957.07	345068.21
2883	266271. 45	344400. 29	2908	266169.50	344631.09	2933	266053.49	344852.54	2958	265953.81	345077.48
2884	266267. 76	344409. 58	2909	266164.86	344639.94	2934	266048.85	344861.40	2959	265950.60	345086.82
2885	266264.06	344418.87	2910	266160.22	344648.80	2935	266044.21	344870.26	2960	265947.39	345096.26
2886	266260.36	344428. 16	2911	266155.58	344657.66	2936	266039.59	344879.06	2961	265944.16	345105.72
2887	266256. 66	344437. 45	2912	266150.94	344666.52	2937	266035.06	344887.82	2962	265940.94	345115.19
2888	266252. 97	344446.74	2913	266146.30	344675.38	2938	266030.59	344896.58	2963	265937.71	345124.65
2889	266249. 27	344456.04	2914	266141.66	344684.23	2939	266026.19	344905.37	2964	265934.49	345134.12
2890	266245. 57	344465. 33	2915	266137.01	344693.09	2940	266021.84	344914.19	2965	265931.26	345143.58
2891	266241. 87	344474.62	2916	266132.38	344701.95	2941	266017.55	344923.04	2966	265928.04	345153.05
2892	266238. 18	344483. 91	2917	266127.73	344710.81	2942	266013.32	344931.92	2967	265924.81	345162.51
2893		344493. 20	2918	266123.09	344719.67	2943	266009.15	344940.82	2968	265921.60	345171.94
2894	266230. 66	344502.81	2919	266118.45	344728.52	2944	266005.03	344949.75	2969	265918.44	345181.30
2895	266227. 08	344511. 78	2920	266113.81	344737.38	2945	266000.98	344958.71	2970	265915.39	345190.57

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7.11	Coord	linates		Coore	dinates	D. C.	Coord	linates		Coore	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
2971	265912. 48	345199.76	2996	265917.18	345429.35	3021	266061.13	345607.91	3046	266278.23	345736.40
2972	265909. 76	345208. 89	2997	265920.50	345438.08	3022	266068.65	345612.52	3047	266286.51	345743.88
2973	265907. 27	345217.97	2998	265924.04	345446.72	3023	266078.21	345617.53	3048	266294.00	345750.28
2974	265905. 02	345227.04	2999	265927.81	345455.27	3024	266086.09	345622.36	3049	266301.78	345757.14
2975	265903. 02	345236. 17	3000	265931.80	345463.72	3025	266094.08	345626.56	3050	266309.47	345764.13
2976	265901. 25	345245.34	3001	265936.02	345472.05	3026	266102.75	345630.99	3051	266317.04	345771.23
2977	265899. 73	345254.56	3002	265940.45	345480.28	3027	266111.57	345635.39	3052	266324.51	345778.45
2978	265898. 45	345263.81	3003	265945.09	345488.38	3028	266120.49	345639.81	3053	266331.86	345785.78
2979	265897. 42	345273.10	3004	265949.95	345496.36	3029	266129.44	345644.25	3054	266339.10	345793.23
2980	265896. 63	345282.41	3005	265955.02	345504.21	3030	266138.45	345648.72	3055	266346.22	345800.79
2981	265896. 08	345291.73	3006	265960.29	345511.92	3031	266147.43	345653.21	3056	266353.23	345808.45
2982	265895. 78	345301.07	3007	265965.76	345519.49	3032	266156.74	345657.86			
2983	265895. 73	345310. 41	3008	265971.43	345526.92	3033	266165.78	345662.64			
2984	265895. 92	345319.75	3009	265977.50	345534.45	3034	266174.14	345667.12			
2985	265896. 36	345329.08	3010	265983.34	345541.69	3035	266183.89	345672.53			
2986	265897. 04	345338.40	3011	265989.34	345548.00	3036	266192.90	345677.72			
2987	265897. 97	345347. 69	3012	265996.00	345555.05	3037	266201.82	345683.04			
2988	265899. 14	345356.96	3013	266002.60	345561.67	3038	266210.65	345688.49			
2989	265900. 56	345366. 19	3014	266009.36	345568.11	3039	266219.40	345694.09			
2990	265902. 22	345375.39	3015	266016.30	345574.37	3040	266228.07	345699.81			
2991	265904. 12	345384. 54	3016	266023.39	345580.44	3041	266236.64	345705.67			
2992	265906. 26	345393. 63	3017	266030.65	345586.33	3042	266245.12	345711.66			
2993	265908. 72	345402.98	3018	266038.05	345592.03	3043	266253.51	345717.78			
2994	265911.00	345411.63	3019	266045.60	345597.52	3044	266261.65	345723.91			
2995		345420, 23	3020	266053.30	345602.82	3045	266269.80	345730.05			

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
3057	337233. 58	268040.69	3082	337439.48	268200.94	3107	337602.25	268395.43	3132	337755.83	268579.59
3058	337241. 51	268046. 79	3083	337447.12	268207.69	3108	337607.43	268404.10	3133	337764.07	268585.25
3059	337249. 44	268052.88	3084	337454.66	268214.53	3109	337612.55	268412.74	3134	337772.32	268590.91
3060	337257. 37	268058.97	3085	337462.12	268221.47	3110	337617.64	268421.35	3135	337780.56	268596.57
3061	337265. 30	268065.06	3086	337469.50	268228.50	3111	337622.73	268429.96	3136	337788.81	268602.23
3062	337273, 23	268071.15	3087	337476.78	268235.62	3112	337627.81	268438.57	3137	337797.05	268607.88
3063	337281. 16	268077. 24	3088	337483.98	268242.83	3113	337632.90	268447.18	3138	337805.29	268613.54
3064	337289. 09	268083. 34	3089	337491.08	268250.13	3114	337637.99	268455.79	3139	337813.54	268619.20
3065	337296. 82	268089. 27	3090	337498.10	268257.52	3115	337643.07	268464.40	3140	337821.78	268624.86
3066	337312. 89	268101.61	3091	337505.02	268265.00	3116	337648.16	268473.00	3141	337830.03	268630.52
3067	337320. 82	268107.70	3092	337511.84	268272.56	3117	337653.20	268481.51	3142	337838.28	268636.18
3068	337328. 74	268113. 80	3093	337518.57	268280.21	3118	337658.26	268489.79	3143	337846.52	268641.84
3069	337336. 68	268119.89	3094	337525.21	268287.94	3119	337663.42	268497.76	3144	337854.76	268647.50
3070	337344. 61	268125. 98	3095	337531.75	268295.75	3120	337668.83	268505.41	3145	337863.01	268653.16
3071	337352. 54	268132.07	3096	337537.91	268303.31	3121	337674.55	268512.80	3146	337871.25	268658.82
3072	337360. 47	268138. 16	3097	337544.53	268311.62	3122	337680.59	268519.94	3147	337879.50	268664.48
3073	337368. 40	268144. 26	3098	337550.77	268319.67	3123	337686.93	268526.80	3148	337887.74	268670.14
3074	337376. 33	268150.35	3099	337556.91	268327.80	3124	337693.56	268533.39	3149	337895.99	268675.79
3075	337384. 22	268156. 41	3100	337562.88	268335.92	3125	337700.48	268539.68	3150	337904.35	268681.54
3076	337392. 20	268162.46	3101	337568.88	268344.06	3126	337707.67	268545.67	3151	337912.53	268687.19
3077	337400. 21	268168.72	3102	337574.76	268352.72	3127	337715.18	268551.41	3152	337920.80	268692.97
3078	337408. 14	268174. 93	3103	337580.43	268361.07	3128	337723.02	268557.02	3153	337929.03	268698.80
3079		268181.28	3104	337586.05	268369.57	3129	337731.12	268562.63	3154	337937.23	268704.68
3080	337423. 97	268187.74	3105	337591.56	268378.13	3130	337739.34	268568.27	3155	337945.39	268710.60
3081	337431. 77	268194. 29	3106	337596.97	268386.76	3131	337747.58	268573.93	3156	337953.50	268716.56

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											30 32
D	Coord	linates		Coore	dinates	n : .	Coord	linates	D.1.	Coore	dinates
Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
3157	337961.56	268722.50	3182	338160.15	268875.32	3207	338341.14	269051.88	3232	338489.54	269252.86
3158	337969. 60	268728. 44	3183	338167.94	268881.59	3208	338347.25	269060.00	3233	338495.67	269260.77
3159	337977. 65	268734.38	3184	338175.73	268887.86	3209	338353.26	269068.16	3234	338501.79	269268.67
3160	337985. 69	268740.31	3185	338183.53	268894.13	3210	338359.18	269076.33	3235	338507.92	269276.58
3161	337993. 74	268746. 25	3186	338191.33	268900.42	3211	338365.05	269084.50	3236	338514.04	269284.48
3162	338001.79	268752. 19	3187	338199.15	268906.75	3212	338370.87	269092.67	3237	338520.17	269292.39
3163	338009. 84	268758.13	3188	338206.96	268913.14	3213	338376.67	269100.81	3238	338526.29	269300.29
3164	338017. 86	268764.05	3189	338214.75	268919.60	3214	338382.48	269108.95	3239	338532.42	269308.19
3165	338025. 93	268769.96	3190	338222.51	268926.17	3215	338388.28	269117.10	3240	338538.54	269316.10
3166	338034. 02	268775.97	3191	338230.20	268932.84	3216	338394.08	269125.24	3241	338544.67	269324.00
3167	338042.08	268781.96	3192	338237.81	268939.61	3217	338399.89	269133.39	3242	338550.79	269331.91
3168	338050. 13	268788. 02	3193	338245.34	268946.47	3218	338405.69	269141.53	3243	338556.92	269339.81
3169	338058. 15	268794.11	3194	338252.78	268953.43	3219	338411.52	269149.72	3244	338563.05	269347.72
3170	338066. 15	268800. 24	3195	338260.14	268960.48	3220	338417.29	269157.93	3245	338572.23	269359.57
3171	338074.11	268806. 41	3196	338267.40	268967.62	3221	338423.04	269165.88	3246	338581.42	269371.43
3172	338082. 04	268812.63	3197	338274.58	268974.86	3222	338428.85	269173.92	3247	338587.55	269379.33
3173	338089. 94	268818.88	3198	338281.66	268982.18	3223	338434.71	269181.84	3248	338593.67	269387.24
3174	338097. 80	268825. 16	3199	338288.65	268989.59	3224	338440.64	269189.70	3249	338599.85	269395.21
3175	338105. 61	268831.44	3200	338295.55	268997.08	3225	338446.68	269197.55	3250	338605.80	269403.08
3176	338113. 40	268837.71	3201	338302.36	269004.66	3226	338452.79	269205.44	3251	338612.02	269411.00
3177	338121. 19	268843. 98	3202	338309.06	269012.33	3227	338458.91	269213.34	3252	338618.14	269419.07
3178	338128. 98	268850. 25	3203	338315.68	269020.08	3228	338465.04	269221.25	3253	338624.19	269427.03
3179		268856.52	3204	338322.19	269027.91	3229	338471.16	269229.15	3254	338630.23	269435.00
3180	338144. 57	268862.78	3205	338328.61	269035.82	3230	338477.29	269237.05	3255	338636.28	269442.97
3181	338152. 36	268869.05	3206	338334.93	269043.81	3231	338483.41	269244.96	3256	338642.32	269450.93

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D	Coord	linates		Coore	dinates	n : .	Coord	dinates	D.1.	Coore	dinates
Point	E(Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
3257	338648. 37	269458.90	3282	338799.49	269658.05	3307	338978.26	269672.94	3332	339113.43	269471.56
3258	338654. 41	269466. 87	3283	338805.54	269666.02	3308	338978.55	269672.68	3333	339118.58	269462.99
3259	338660. 46	269474.83	3284	338811.58	269673.98	3309	338985.21	269666.31	3334	339123.73	269454.42
3260	338666. 50	269482.80	3285	338817.63	269681.95	3310	338991.66	269659.73	3335	339128.88	269445.85
3261	338672.55	269490.76	3286	338823.67	269689.92	3311	338997.77	269653.09	3336	339134.03	269437.28
3262	338678. 59	269498.73	3287	338829.72	269697.88	3312	339009.87	269638.66	3337	339139.18	269428.70
3263	338684.64	269506.70	3288	338835.76	269705.85	3313	339015.33	269631.48	3338	339144.33	269420.13
3264	338690. 68	269514.66	3289	338841.81	269713.81	3314	339020.73	269623.92	3339	339149.48	269411.56
3265	338696. 73	269522.63	3290	338847.85	269721.78	3315	339025.98	269616.13	3340	339154.63	269402.99
3266	338702.77	269530. 59	3291	338853.90	269729.75	3316	339031.14	269608.11	3341	339159.78	269394.42
3267	338708. 82	269538.56	3292	338859.94	269737.71	3317	339036.25	269599.89	3342	339164.89	269385.92
3268	338714.86	269546.53	3293	338865.99	269745.68	3318	339041.35	269591.50	3343	339170.06	269377.18
3269	338720. 91	269554.49	3294	338869.01	269749.66	3319	339046.47	269582.99	3344	339175.24	269368.63
3270	338726. 95	269562.46	3295	338870.47	269749.03	3320	339051.62	269574.42	3345	339180.43	269360.06
3271	338733.00	269570.42	3296	338879.63	269745.11	3321	339056.77	269565.85	3346	339185.45	269351.75
3272	338739. 04	269578.39	3297	338888.70	269741.18	3322	339061.92	269557.28	3347	339190.45	269343.20
3273	338745. 09	269586.36	3298	338897.66	269737.19	3323	339067.07	269548.70	3348	339195.45	269334.65
3274	338751. 13	269594.32	3299	338906.48	269733.10	3324	339072.22	269540.13	3349	339200.32	269326.16
3275	338757. 18	269602. 29	3300	338915.13	269728.85	3325	339077.37	269531.56	3350	339205.11	269317.65
3276	338763. 22	269610. 25	3301	338923.78	269724.31	3326	339082.52	269522.99	3351	339209.80	269309.10
3277	338769. 27	269618. 22	3302	338932.44	269719.72	3327	339087.67	269514.42	3352	339214.43	269300.47
3278	338775. 31	269626. 19	3303	338939.86	269714.90	3328	339092.82	269505.85	3353	339218.94	269291.93
3279	338781.36	269634. 15	3304	338948.04	269709.58	3329	339097.98	269497.27	3354	339223.42	269283.13
3280	338787. 40	269642.12	3305	338948.24	269709.45	3330	339103.13	269488.70	3355	339227.89	269274.32
3281	338793. 45	269650.08	3306	338948.04	269709.58	3331	339108.28	269480.13	3356	339232.26	269265.49

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
3357	339236. 69	269256. 54	3382	339323.35	269033.81	3407	339354.58	268782.21	3432	339425.72	268540.62
3358	339241.11	269247.59	3383	339324.01	269024.52	3408	339357.34	268772.60	3433	339429.48	268530.79
3359	339245. 53	269238.62	3384	339324.43	269015.08	3409	339360.11	268762.99	3434	339433.44	268521.05
3360	339249. 95	269229.66	3385	339324.68	269005.50	3410	339362.87	268753.38	3435	339437.61	268511.39
3361	339254. 37	269220.68	3386	339324.80	268995.78	3411	339365.63	268743.77	3436	339441.97	268501.82
3362	339258. 80	269211.71	3387	339324.84	268984.13	3412	339368.39	268734.16	3437	339446.54	268492.34
3363	339263. 22	269202.75	3388	339324.85	268975.92	3413	339371.15	268724.55	3438	339451.30	268482.95
3364	339267. 64	269193. 78	3389	339324.88	268965.83	3414	339373.92	268714.94	3439	339456.25	268473.67
3365	339272. 07	269184.81	3390	339324.96	268955.64	3415	339376.68	268705.32	3440	339461.40	268464.50
3366	339276. 49	269175.84	3391	339325.15	268945.36	3416	339379.44	268695.71	3441	339466.74	268455.43
3367	339280. 91	269166.88	3392	339325.47	268934.97	3417	339382.20	268686.10	3442	339472.26	268446.48
3368	339285. 30	269157.96	3393	339325.99	268924.50	3418	339384.96	268676.49	3443	339477.97	268437.64
3369	339289. 61	269149.13	3394	339326.73	268913.99	3419	339387.73	268666.88	3444	339483.87	268428.93
3370	339293. 76	269140.38	3395	339327.70	268903.48	3420	339390.49	268657.27	3445	339489.94	268420.34
3371	339297.73	269131.70	3396	339328.91	268892.99	3421	339393.25	268647.66	3446	339496.19	268411.88
3372	339301. 45	269123.06	3397	339330.35	268882.53	3422	339396.01	268638.05	3447	339502.62	268403.55
3373	339304. 90	269114.44	3398	339332.02	268872.11	3423	339398.77	268628.44	3448	339509.22	268395.35
3374	339308. 06	269105.78	3399	339333.92	268861.73	3424	339401.53	268618.85	3449	339515.98	268387.30
3375	339310. 95	269097.02	3400	339336.05	268851.40	3425	339404.29	268609.21	3450	339522.92	268379.38
3376	339313. 57	269088.18	3401	339338.40	268841.15	3426	339407.07	268599.58	3451	339530.01	268371.62
3377	339315. 90	269079.27	3402	339340.92	268831.04	3427	339409.85	268589.92	3452	339537.27	268364.00
3378	339317. 96	269070.28	3403	339343.56	268821.07	3428	339412.72	268580.16	3453	339544.69	268356.54
3379	339319. 73	269061.23	3404	339346.28	268811.22	3429	339415.69	268570.33	3454	339552.25	268349.23
3380	339321. 23	269052.14	3405	339349.05	268801.48	3430	339418.83	268560.44	3455	339559.97	268342.08
3381	339322. 43	269043.00	3406	339351.82	268791.82	3431	339422.17	268550.52	3456	339567.84	268335.10

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	Coord	linates		Coord	linates		Coord	linates		Coord	linates
Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
3457	339575. 85	268328. 27	3482	339801.86	268187.61	3507	340052.89	268135.50	3527	340245.86	268099.46
3458	339584.00	268321.62	3483	339811.57	268183.29	3508	340062.81	268134.23	3528	340254.77	268096.77
3459	339592. 29	268315.14	3484	339821.38	268179.21	3509	340072.77	268132.95	3529	340264.23	268093.90
3460	339600. 71	268308.83	3485	339831.29	268175.38	3510	340082.58	268131.73	3530	340273.55	268090.99
3461	339609. 26	268302.70	3486	339841.29	268171.79	3511	340092.45	268130.41	3531	340282.89	268087.95
3462	339617. 91	268296.76	3487	339851.38	268168.46	3512	340102.30	268129.10	3532	340292.32	268084.88
3463	339626. 63	268291.03	3488	339861.55	268165.38	3513	340112.05	268127.76	3533	340301.13	268081.72
3464	339635. 33	268285. 49	3489	339871.79	268162.56	3514	340121.74	268126.34	3534	340310.43	268078.39
3465	339644. 01	268280.09	3490	339882.10	268159.99	3515	340131.38	268124.85	3535	340319.57	268075.02
3466	339652. 64	268274.81	3491	339892.47	268157.68	3516	340141.00	268123.26	3536	340328.81	268071.50
3467	339661. 22	268269.59	3492	339902.87	268155.64	3517	340150.61	268121.57	3537	340337.76	268068.09
3468	339669. 76	268264.39	3493	339913.24	268153.85	3518	340160.32	268119.76	3538	340346.69	268064.38
3469	339678. 30	268259. 20	3494	339923.47	268152.27	3519	340169.76	268118.01	3539	340355.81	268060.59
3470	339686. 85	268253.99	3495	339933.68	268150.81	3520	340179.19	268115.96	3540	340364.77	268056.76
3471	339695. 39	268248.80	3496	339943.78	268149.51	3521	340188.84	268113.87	3541	340373.70	268052.84
3472	339703. 93	268243.60	3497	339953.71	268148.23	3522	340198.34	268111.70	3542	340422.48	268040.88
3473	339712. 48	268238.40	3498	339963.62	268146.96	3523	340207.83	268109.44	3543	340431.43	268036.47
3474	339721.02	268233. 21	3499	339973.54	268145.69	3524	340217.29	268107.09	3544	340440.38	268032.05
3475	339729. 56	268228.01	3500	339983.46	268144.41	3525	340226.73	268104.64	3545	340449.35	268027.63
3476	339738. 12	268222.80	3501	339993.38	268143.14	3526	340236.24	268102.07	3546	340458.32	268023.20
3477	339746. 74	268217.57	3502	340003.30	268141.87	3427	339409.85	268589.92	3547	340467.29	268018.78
3478	339755. 57	268212. 28	3503	340013.22	268140.60	3428	339412.72	268580.16	3548	340476.25	268014.35
3479	339773. 41	268202.02	3504	340023.13	268139.32	3429	339415.69	268570.33	3549	340485.22	268009.92
3480	339782. 80	268196.97	3505	340033.05	268138.05	3430	339418.83	268560.44	3550	340494.19	268005.50
3481	339792. 27	268192.17	3506	340042.97	268136.78	3431	339422.17	268550.52	3551	340503.16	268001.07

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- 1	Coord	dinates	- 1 .	Coore	dinates		Coord	dinates	- 1 .	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
3552	340512, 12	267996, 65	3577	340736.32	267886.02	3602	340989.46	267747.72	3627	341190.83	267604.63
3553	340521. 09	267992. 22	3578	340745.28	267881.59	3603	340997.73	267742.73	3628	341198.85	267598.65
3554		267987.80	3579	340754.25	267877.17	3604	341006.17	267737.65	3629	341206.86	267592.67
3555		267983.37	3580	340763.22	267872.74	3605	341014.43	267732.54	3630	341214.87	267586.68
3556		267978.95	3581	340772.19	267868.32	3606	341022.65	267727.33	3631	341222.88	267580.70
3557		267974. 52	3582	340781.15	267863.89	3607	341030.80	267722.03	3632	341230.90	267574.72
3558		267970. 10	3583	340821.56	267832.80	3608	341038.90	267716.65	3633	341238.91	267568.73
3559		267965.67	3584	340830.53	267828.37	3609	341046.93	267711.17	3634	341246.92	267562.75
3560		267961.25	3585	340839.50	267823.95	3610	341054.91	267705.61	3635	341255.03	267556.70
3561		267956. 82	3586	340848.47	267819.52	3611	341062.85	267699.94	3636	341263.28	267550.6
3562	340601. 80	267952. 40	3587	340857.43	267815.10	3612	341070.79	267694.17	3637	341271.61	267544.6
3563		267947.97	3588	340866.40	267810.67	3613	341078.73	267688.32	3638	341279.99	267538.7
3564		267943.55	3589	340875.37	267806.25	3614	341086.69	267682.40	3639	341288.43	267532.9
3565	340628. 70	267939. 12	3590	340884.34	267801.82	3615	341094.69	267676.43	3640	341296.94	267527.2
3566		267934.70	3591	340893.30	267797.40	3616	341102.70	267670.45	3641	341305.50	267521.6
3567		267930. 27	3592	340902.27	267792.97	3617	341110.71	267664.47	3642	341314.10	267516.0
3568		267925. 85	3593	340911.24	267788.55	3618	341118.72	267658.49	3643	341322.68	267510.6
3569		267921.42	3594	340920.19	267784.13	3619	341126.73	267652.50	3644	341331.17	267505.3
3570		267916. 99	3595	340929.10	267779.72	3620	341134.75	267646.52	3645	341339.64	267499.9
3571	340682. 51	267912.57	3596	340937.94	267775.30	3621	341142.76	267640.53	3646	341348.11	267494.6
3572		267908. 14	3597	340946.71	267770.86	3622	341150.77	267634.55	3647	341356.57	267489.3
3573	340700. 44	267903.72	3598	340955.39	267766.37	3623	341158.79	267628.57	3648	341365.04	267484.0
3574		267899. 29	3599	340964.00	267761.81	3624	341166.80	267622.58	3649	341373.51	267478.7
3575		267894.87	3600	340972.54	267757.17	3625	341174.81	267616.60	3650	341381.98	267473.3
	340727. 35	267890. 44	3601	340981.15	267752.36	3626	341182.82	267610.62	3651	341390.44	267468.0

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D.1.	Coord	linates		Coord	linates	n : .	Coord	linates		Coore	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
3652	341398. 91	267462.74	3677	341615.34	267334.73	3702	341823.08	267202.69	3727	342058.46	267098.25
3653	341407. 38	267457. 42	3678	341624.11	267329.93	3703	341831.10	267196.72	3728	342068.27	267096.29
3654	341415. 85	267452.10	3679	341632.89	267325.13	3704	341839.12	267190.75	3729	342078.07	267094.33
3655	341424. 31	267446. 78	3680	341641.66	267320.33	3705	341847.20	267184.75	3730	342087.88	267092.37
3656	341432. 78	267441.46	3681	341650.43	267315.53	3706	341855.41	267178.71	3731	342097.69	267090.42
3657	341441. 27	267436. 12	3682	341659.37	267310.64	3707	341863.78	267172.67	3732	342107.50	267088.46
3658	341449. 81	267430. 79	3683	341667.95	267305.95	3708	341872.37	267166.69	3733	342117.30	267086.50
3659	341458. 38	267425. 47	3684	341676.57	267301.20	3709	341881.20	267160.81	3734	342127.11	267084.55
3660	341466. 96	267420. 18	3685	341685.18	267296.35	3710	341890.27	267155.13	3735	342136.92	267082.59
3661	341475. 56	267414. 92	3686	341693.71	267291.54	3711	341899.50	267149.70	3736	342146.72	267080.63
3662	341484. 18	267409.69	3687	341701.79	267286.66	3712	341908.89	267144.54	3737	342156.53	267078.6
3663	341492. 82	267404.49	3688	341710.25	267281.55	3713	341918.42	267139.65	3738	342166.34	267076.7
3664	341501.48	267399.31	3689	341718.26	267276.61	3714	341928.09	267135.03	3739	342176.14	267074.70
3665	341510. 15	267394.17	3690	341726.80	267270.88	3715	341937.88	267130.69	3740	342185.96	267072.8
3666	341518. 84	267389.05	3691	341735.28	267265.74	3716	341947.80	267126.63	3741	342195.75	267070.8
3667	341527. 54	267383. 97	3692	341743.12	267260.56	3717	341957.83	267122.85	3742	342205.56	267068.8
3668	341536. 27	267378. 91	3693	341751.21	267255.11	3718	341967.96	267119.37	3743	342215.37	267066.9
3669	341545. 01	267373. 88	3694	341759.24	267249.58	3719	341978.18	267116.17	3744	342225.16	267064.9
3670	341553. 76	267368.88	3695	341767.31	267243.90	3720	341988.47	267113.28	3745	342234.74	267063.0
3671	341562.54	267363. 91	3696	341775.13	267238.40	3721	341998.74	267110.68	3746	342244.30	267060.9
3672	341571. 33	267358.97	3697	341782.93	267232.56	3722	342008.93	267108.33	3747	342253.74	267058.8
3673	341580. 13	267354.06	3698	341790.99	267226.56	3723	342019.02	267106.17	3748	342263.06	267056.6
3674	341588. 96	267349. 18	3699	341799.01	267220.60	3724	342028.99	267104.13	3749	342272.28	267054.2
3675	341597. 78	267344.33	3700	341807.03	267214.63	3725	342038.84	267102.16	3750	342281.42	267051.6
3676	341606. 57	267339. 52	3701	341815.05	267208.66	3726	342048.65	267100.20	3751	342290.52	267048.89

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Poline	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
3752	342299. 55	267045.96	3777	342527.55	266948.72	3802	342759.20	266852.89	3827	343019.30	266749.21
3753	342308. 53	267042.84	3778	342536.76	266944.75	3803	342768.49	266849.19	3828	343028.59	266745.51
3754	342317. 46	267039.54	3779	342545.97	266940.79	3804	342777.78	266845.49	3829	343037.88	266741.80
3755	342326. 38	267036.06	3780	342555.20	266936.84	3805	342787.07	266841.78	3830	343047.17	266738.10
3756	342335. 34	267032. 40	3781	342564.42	266932.91	3806	342796.36	266838.08	3831	343056.46	266734.40
3757	342344. 33	267028. 61	3782	342573.65	266928.98	3807	342805.65	266834.38	3832	343065.75	266730.70
3758		267024.72	3783	342582.89	266925.07	3808	342814.94	266830.67	3833	343075.04	266726.99
3759	342362. 48	267020.75	3784	342592.13	266921.17	3809	342824.23	266826.97	3834	343084.33	266723.29
3760	342371.63	267016.75	3785	342601.38	266917.28	3810	342833.52	266823.27	3835	343093.61	266719.59
3761	342380. 80	267012.75	3786	342610.63	266913.40	3811	342842.81	266819.57	3836	343102.90	266715.88
3762	342389. 96	267008.75	3787	342619.88	266909.53	3812	342852.10	266815.86	3837	343112.19	266712.18
3763	342399. 12	267004.74	3788	342629.14	266905.68	3813	342861.38	266812.16	3838	343121.48	266708.48
3764	342408. 29	267000.74	3789	342638.41	266901.83	3814	342866.03	266810.31	3839	343130.77	266704.78
3765	342417. 45	266996.73	3790	342647.68	266898.00	3815	342907.83	266793.65	3840	343140.06	266701.07
3766	342426. 61	266992.73	3791	342656.95	266894.18	3816	342917.12	266789.94	3841	343149.35	266697.37
3767	342435. 78	266988.73	3792	342666.23	266890.37	3817	342926.41	266786.24	3842	343158.64	266693.67
3768	342444. 94	266984.72	3793	342675.50	266886.57	3818	342935.69	266782.54	3843	343167.93	266689.96
3769	342454. 11	266980.72	3794	342684.80	266882.77	3819	342944.99	266778.83	3844	343177.22	266686.26
3770	342463. 27	266976.71	3795	342694.11	266879.00	3820	342954.28	266775.13	3845	343186.51	266682.56
3771	342472. 43	266972.71	3796	342703.39	266875.24	3821	342963.57	266771.43	3846	343195.79	266678.85
3772	342481. 59	266968.71	3797	342712.70	266871.49	3822	342972.85	266767.73	3847	343205.09	266675.15
3773	342490. 76	266964.70	3798	342721.99	266867.75	3823	342982.14	266764.02	3848	343214.37	266671.45
3774		266960.69	3799	342731.31	266864.00	3824	342991.43	266760.32	3849	343223.66	266667.75
3775	342509. 14	266956.69	3800	342740.64	266860.29	3825	343000.72	266756.62	3850	343232.95	266664.04
3776	342518. 34	266952. 70	3801	342749.92	266856.59	3826	343010.01	266752.91	3851	343242.24	266660.34

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	Coord	linates		Coord	linates		Coord	linates		Coord	linates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)
3852	343251. 53	266656.64	3877	343476.76	266571.59	3902	343711.75	266486.27	3927	343945.11	266398.78
3853	343260. 82	266652.93	3878	343486.16	266568.18	3903	343721.15	266482.86	3928	343954.40	266395.08
3854	343270. 11	266649. 23	3879	343495.56	266564.77	3904	343730.55	266479.44	3929	343963.69	266391.38
3855	343279. 40	266645, 53	3880	343504.96	266561.35	3905	343739.95	266476.03	3930	343972.98	266387.68
3856	343288. 69	266641.83	3881	343514.36	266557.94	3906	343749.35	266472.62	3931	343982.27	266383.99
3857	343297. 97	266638. 12	3882	343523.76	266554.53	3907	343758.75	266469.21	3932	343991.56	266380.29
3858	343307. 29	266634. 41	3883	343533.16	266551.11	3908	343768.15	266465.79	3933	344000.86	266376.59
3859	343316. 64	266630.70	3884	343542.56	266547.70	3909	343777.55	266462.38	3934	344010.15	266372.90
3860	343319. 59	266629.55	3885	343551.96	266544.29	3910	343786.95	266458.97	3935	344019.44	266369.20
3861	343326. 07	266627.01	3886	343561.36	266540.88	3911	343796.35	266455.55	3936	344028.73	266365.50
3862	343335. 48	266623.37	3887	343570.76	266537.46	3912	343805.75	266452.14	3937	344038.02	266361.80
3863	343344. 91	266619.76	3888	343580.16	266534.05	3913	343815.15	266448.73	3938	344047.31	266358.11
3864	343354. 36	266616. 19	3889	343589.56	266530.64	3914	343824.55	266445.32	3939	344056.60	266354.41
3865	343363. 82	266612.66	3890	343598.96	266527.22	3915	343833.90	266441.92	3940	344065.90	266350.71
3866	343373. 25	266609.19	3891	343608.36	266523.81	3916	343843.25	266438.48	3941	344075.18	266347.01
3867	343380. 27	266606.60	3892	343617.76	266520.40	3917	343852.60	266435.05	3942	344084.48	266343.32
3868	343392. 19	266602.30	3893	343627.16	266516.99	3918	343861.70	266431.59	3943	344093.77	266339.62
3869	343401. 56	266598.89	3894	343636.55	266513.57	3919	343871.00	266428.05	3944	344103.06	266335.92
3870	343410. 97	266595.48	3895	343645.95	266510.16	3920	343880.24	266424.49	3945	344112.35	266332.22
3871	343420. 36	266592.07	3896	343655.35	266506.75	3921	343889.46	266420.89	3946	344121.64	266328.53
3872	343429. 76	266588.66	3897	343664.75	266503.33	3922	343898.69	266417.25	3947	344130.93	266324.83
3873	343439. 16	266585. 24	3898	343674.16	266499.92	3923	343907.95	266413.57	3948	344140.23	266321.13
3874	343448. 56	266581.83	3899	343683.55	266496.51	3924	343917.23	266409.87	3949	344149.52	266317.43
3875	343457. 96	266578. 42	3900	343692.95	266493.10	3925	343926.53	266406.17	3950	344158.81	266313.74
3876	343467. 36	266575.00	3901	343702.35	266489.68	3926	343935.81	266402.48	3951	344168.10	266310.04

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Deline.	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
3952	344177. 39	266306.34	3977	344409.68	266213.90	4002	344634.46	266111.29	4027	344855.96	265995.25
3953	344186. 68	266302.64	3978	344418.96	266210.21	4003	344643.32	266106.65	4028	344864.96	265990.59
3954	344195. 97	266298. 95	3979	344428.26	266206.51	4004	344652.17	266102.01	4029	344874.02	265985.97
3955	344205. 26	266295. 25	3980	344437.55	266202.81	4005	344661.03	266097.37	4030	344883.11	265981.41
3956	344214. 56	266291.55	3981	344446.84	266199.11	4006	344669.89	266092.73	4031	344892.23	265976.92
3957	344223. 85	266287. 85	3982	344456.13	266195.42	4007	344678.75	266088.08	4032	344901.38	265972.48
3958	344233. 14	266284. 16	3983	344465.42	266191.72	4008	344687.61	266083.44	4033	344910.56	265968.11
3959	344242. 43	266280. 46	3984	344474.71	266188.02	4009	344696.47	266078.80	4034	344919.76	265963.80
3960	344251.72	266276.76	3985	344484.32	266184.20	4010	344705.32	266074.16	4035	344929.00	265959.55
3961	344261. 01	266273.06	3986	344493.29	266180.63	4011	344714.18	266069.52	4036	344938.26	265955.36
3962	344270. 30	266269.37	3987	344502.58	266176.93	4012	344723.04	266064.88	4037	344947.55	265951.23
3963	344279. 60	266265. 67	3988	344511.82	266173.26	4013	344731.90	266060.24	4038	344956.87	265947.16
3964	344288. 88	266261.97	3989	344520.69	266169.67	4014	344740.76	266055.60	4039	344966.14	265943.19
3965	344298. 18	266258. 27	3990	344529.16	266165.96	4015	344749.61	266050.96	4040	344975.42	265939.22
3966	344307. 47	266254.58	3991	344537.50	266161.99	4016	344758.47	266046.32	4041	344985.06	265935.31
3967	344316. 76	266250.88	3992	344545.97	266157.64	4017	344767.33	266041.68	4042	344994.41	265931.53
3968	344326. 05	266247. 18	3993	344554.73	266153.05	4018	344776.19	266037.04	4043	345003.86	265927.77
3969	344335. 34	266243.48	3994	344563.59	266148.41	4019	344785.05	266032.40	4044	345013.33	265924.08
3970	344344. 63	266239.79	3995	344572.45	266143.77	4020	344793.90	266027.76	4045	345022.83	265920.46
3971	344353. 92	266236.09	3996	344581.31	266139.13	4021	344802.76	266023.12	4046	345032.35	265916.90
3972	344363. 22	266232.39	3997	344590.17	266134.49	4022	344811.62	266018.48	4047	345041.90	265913.40
3973	344372. 51	266228.69	3998	344599.02	266129.85	4023	344820.48	266013.84	4048	345051.47	265909.96
3974	344381. 80	266225.00	3999	344607.88	266125.21	4024	344829.34	266009.20	4049	345061.06	265906.59
3975	344391.09	266221.30	4000	344616.74	266120.57	4025	344838.20	266004.56	4050	345070.63	265903.30
3976	344400. 38	266217.60	4001	344625.60	266115.93	4026	344847.05	265999.92	4051	345080.13	265900.06

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Police	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
4052	345089. 59	265896.83	4077	345342.71	265847.23	4102	345582.40	265953.05	4127	345720.85	266167.61
4053	345099.06	265893.61	4078	345353.31	265848.28	4103	345589.88	265960.12	4128	345725.78	266175.87
4054	345108. 53	265890. 38	4079	345363.89	265849.62	4104	345597.43	265967.65	4129	345730.83	266184.05
4055	345117. 99	265887. 16	4080	345374.42	265851.24	4105	345604.78	265975.37	4130	345736.01	266192.15
4056	345127. 45	265883, 93	4081	345384.91	265853.13	4106	345611.92	265983.28	4131	345741.31	266200.17
4057	345136. 92	265880, 71	4082	345395.35	265855.30	4107	345618.85	265991.37	4132	345746.74	266208.11
4058		265877. 48	4083	345405.72	265857.74	4108	345625.57	265999.65	4133	345752.28	266215.97
4059	345155. 89	265874. 25	4084	345415.71	265860.37	4109	345632.06	266008.10	4134	345757.95	266223.74
4060	345165. 48	265871.01	4085	345426.26	265863.14	4110	345638.34	266016.71	4135	345763.85	266231.57
4061	345175. 21	265867. 80	4086	345436.70	265866.79	4111	345644.38	266025.49	4136	345769.99	266239.72
4062	345185. 09	265864.68	4087	345446.47	265870.20	4112	345650.19	266034.43	4137	345775.00	266246.37
4063	345195. 13	265861.69	4088	345456.43	265873.98	4113	345656.03	266043.95	4138	345781.44	266253.50
4064	345205. 34	265858. 89	4089	345466.29	265878.03	4114	345661.04	266053.53	4139	345788.04	266261.22
4065	345215. 67	265856. 33	4090	345476.05	265882.33	4115	345665.84	266061.36	4140	345794.40	266268.43
4066	345226. 08	265854.04	4091	345485.68	265886.88	4116	345670.95	266071.07	4141	345800.86	266275.55
4067	345236. 55	265852.03	4092	345495.19	265891.69	4117	345675.62	266080.21	4142	345807.44	266282.56
4068	345247. 06	265850, 29	4093	345504.58	265896.74	4118	345680.15	266089.28	4143	345814.12	266289.47
4069	345257. 62	265848. 83	4094	345513.82	265902.05	4119	345684.61	266098.28	4144	345820.92	266296.28
4070	345268. 21	265847.65	4095	345522.93	265907.59	4120	345689.06	266107.25	4145	345827.81	266302.98
4071	345278. 83	265846.75	4096	345531.88	265913.37	4121	345693.47	266116.16	4146	345834.80	266309.58
4072	345289. 47	265846. 13	4097	345540.68	265919.38	4122	345697.93	266125.07	4147	345841.90	266316.07
4073	345300. 12	265845. 79	4098	345549.32	265925.62	4123	345702.33	266133.87			
4074		265845.73	4099	345557.79	265932.09	4124	345706.78	266142.29			
4075	345321. 44	265845. 95	4100	345565.83	265938.57	4125	345711.02	266150.20			
4076	345332. 08	265846, 45	4101	345574.66	265945.69	4126	345716.06	266159.29			

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7.	Coord	linates		Coord	linates	D	Coord	linates		Coord	linates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)
4148	266360. 12	345816. 22	4173	266569.73	346129.03	4198	266717.08	346599.13	4223	266913.10	347060.81
4149	266366. 88	345824. 10	4174	266578.10	346148.19	4199	266727.57	346616.16	4224	266920.46	347078.64
4150	266373. 53	345832. 08	4175	266585.77	346167.64	4200	266738.05	346633.19	4225	266928.34	347096.24
4151	266380. 05	345840. 16	4176	266592.73	346187.36	4201	266748.54	346650.22	4226	266936.71	347113.62
4152	266386. 45	345848.34	4177	266598.96	346207.32	4202	266759.02	346667.25	4227	266945.57	347130.74
4153	266392. 72	345856, 61	4178	266604.47	346227.49	4203	266769.51	346684.30	4228	266954.92	347147.61
4154		345864.95	4179	266609.22	346247.79	4204	266780.14	346701.59	4229	266964.75	347164.20
4155	266404. 82	345873. 31	4180	266613.29	346268.04	4205	266790.57	346719.47	4230	266975.04	347180.51
4156		345881.67	4181	266616.88	346288.07	4206	266800.46	346737.80	4231	266985.82	347196.54
4157		345890, 00	4182	266620.29	346307.88	4207	266809.73	346756.46	4232	266997.09	347212.38
4158	266422, 10	345898. 28	4183	266623.67	346327.59	4208	266818.38	346775.41	4233	267008.78	347228.21
4159	266427. 76	345906, 55	4184	266627.06	346347.30	4209	266826.39	346794.64	4234	267020.72	347244.12
4160		345914. 80	4185	266630.44	346367.01	4210	266833.75	346814.13	4235	267032.74	347260.11
4161	266439.06	345923.05	4186	266633.82	346386.71	4211	266840.43	346833.76	4236	267044.75	347276.10
4162	266450. 36	345939. 55	4187	266637.20	346406.28	4212	266846.49	346853.19	4237	267056.77	347292.09
4163	266461.66	345956.06	4188	266640.72	346425.47	4213	266852.41	346872.31	4238	267068.86	347308.18
4164	266472. 96	345972.56	4189	266644.70	346444.13	4214	266858.33	346891.42	4239	267081.02	347324.71
4165		345989.06	4190	266649.44	346462.33	4215	266864.25	346910.52	4240	267092.94	347342.06
4166	266495. 55	346005, 56	4191	266655.07	346480.22	4216	266870.16	346929.63	4241	267104.11	347360.27
4167		346022. 10	4192	266661.59	346497.80	4217	266876.08	346948.73	4242	267114.25	347379.14
4168	266518, 24	346038.80	4193	266668.97	346515.03	4218	266882.00	346967.84	4243	267123.30	347398.57
4169	266529. 55	346055.92	4194	266677.23	346531.90	4219	266887.91	346986.91	4244	267131.22	347418.47
4170		346073.57	4195	266686.37	346548.55	4220	266893.82	347005.84	4245	267137.97	347438.71
4171	266550, 93	346091, 69	4196	266696.27	346565.24	4221	266899.87	347024.48	4246	267143.61	347458.90
4172		346110. 19	4197	266706.61	346582.11	4222	266906.25	347042.78	4247	267148.55	347478.74

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	Coord	linates		Coore	dinates		Coor	linates		Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
4248	267153. 27	347498. 26	4273	267253.94	347990.80	4298	267248.49	348494.82	4323	267152.30	348989.82
4249	267157. 96	347517.70	4274	267256.16	348011.18	4299	267247.13	348515.03	4324	267145.13	349008.16
4250	267162.66	347537.14	4275	267257.98	348031.60	4300	267245.56	348535.21	4325	267138.49	349026.24
4251	267167. 36	347556, 58	4276	267259.39	348052.05	4301	267243.79	348555.34	4326	267132.66	349044.26
4252		347576. 02	4277	267260.39	348072.52	4302	267241.92	348575.33	4327	267127.69	349062.43
4253	267176. 76	347595, 46	4278	267260.98	348093.02	4303	267240.05	348595.24	4328	267123.57	349080.81
4254	267181.46	347614.95	4279	267261.16	348113.51	4304	267238.18	348615.15	4329	267120.31	349099.36
4255		347634.50	4280	267260.94	348133.93	4305	267236.32	348635.06	4330	267117.91	349118.08
4256	267190.68	347654.11	4281	267260.43	348154.19	4306	267234.45	348654.97	4331	267116.31	349137.12
4257	267195. 15	347673.73	4282	267259.79	348174.27	4307	267232.58	348674.89	4332	267115.21	349156.63
4258	267199. 51	347693.38	4283	267259.14	348194.26	4308	267230.71	348694.80	4333	267114.29	349176.4
4259	267203. 78	347713.04	4284	267258.49	348214.25	4309	267228.84	348714.78	4334	267113.36	349196.4
4260	267207. 95	347732.73	4285	267257.85	348234.24	4310	267226.83	348734.97	4335	267112.44	349216.43
4261	267212. 02	347752.44	4286	267257.20	348254.23	4311	267224.44	348755.40	4336	267111.52	349236.4
4262	267215. 99	347772. 17	4287	267256.55	348274.22	4312	267221.44	348775.96	4337	267110.52	349256.5
4263	267219. 87	347791.92	4288	267255.91	348294.21	4313	267217.74	348796.48	4338	267109.34	349276.83
4264	267223. 64	347811.68	4289	267255.26	348314.20	4314	267213.34	348816.85	4339	267107.85	349297.1
4265	267227. 32	347831.47	4290	267254.61	348334.19	4315	267208.25	348837.07	4340	267106.03	349317.5
4266	267230. 89	347851.24	4291	267253.97	348354.18	4316	267202.48	348857.10	4341	267103.87	349337.8
4267	267234. 41	347870.96	4292	267253.32	348374.17	4317	267196.04	348876.90	4342	267101.36	349358.0
4268	267237. 92	347890.65	4293	267252.67	348394.16	4318	267189.04	348896.33	4343	267098.53	349378.2
4269	267241. 43	347910.36	4294	267252.02	348414.15	4319	267181.73	348915.35	4344	267095.39	349398.3
4270	267244. 93	347930. 19	4295	267251.37	348434.20	4320	267174.34	348934.08	4345	267092.07	349418.2
4271	267248. 27	347950. 24	4296	267250.62	348454.38	4321	267166.99	348952.68	4346	267088.69	349438.0
4272	267251. 30	347970. 47	4297	267249.66	348474.60	4322	267159.63	348971.27	4347	267085.31	349457.7

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Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)
4348	267081. 92	349477.45	4373	267047.49	349963.61	4398	267224.12	350424.47	4423	267692.86	350562.47
4349	267078. 54	349497.17	4374	267051.50	349982.71	4399	267240.06	350434.92	4424	267712.67	350563.42
4350	267075. 16	349516, 88	4375	267055.85	350001.96	4400	267256.62	350444.35	4425	267732.54	350564.28
4351		349536, 59	4376	267060.35	350021.36	4401	267273.73	350452.74	4426	267752.16	350564.93
4352	267068, 40	349556, 30	4377	267061.92	350072.33	4402	267291.38	350460.05	4427	267771.34	350564.81
4353		349576. 01	4378	267064.19	350082.07	4403	267309.60	350466.43	4428	267790.16	350563.39
4354		349595. 73	4379	267068.71	350101.55	4404	267328.35	350472.23	4429	267808.73	350560.47
4355	267058. 26	349615, 44	4380	267073.24	350121.03	4405	267347.42	350477.85	4430	267827.00	350556.09
4356		349635. 15	4381	267077.76	350140.51	4406	267366.61	350483.48	4431	267844.87	350550.25
4357		349654, 86	4382	267082.29	350159.99	4407	267385.80	350489.11	4432	267862.23	350543.00
4358	267048, 12	349674, 55	4383	267086.82	350179.48	4408	267404.99	350494.75	4433	267879.15	350534.35
4359		349694. 11	4384	267091.34	350198.96	4409	267424.18	350500.38	4434	267895.92	350524.57
4360		349713. 48	4385	267095.86	350218.40	4410	267443.37	350506.01	4435	267912.83	350514.18
4361	267039. 10	349732.71	4386	267100.43	350237.65	4411	267462.56	350511.64	4436	267930.02	350503.67
4362	267036. 97	349751.94	4387	267105.39	350256.47	4412	267481.76	350517.27	4437	267947.65	350493.35
4363	267035. 36	349771. 20	4388	267111.14	350274.78	4413	267500.94	350522.91	4438	267965.84	350483.59
4364	267034. 26	349790. 50	4389	267117.95	350292.59	4414	267520.14	350528.54	4439	267984.57	350474.70
4365	267033. 67	349809. 83	4390	267125.86	350309.93	4415	267539.30	350534.16	4440	268003.60	350466.76
4366	267033. 60	349829. 16	4391	267134.83	350326.74	4416	267558.38	350539.70	4441	268022.69	350459.58
4367		349848. 49	4392	267144.84	350342.96	4417	267577.37	350544.91	4442	268041.68	350452.82
4368	267035, 00	349867.79	4393	267155.84	350358.53	4418	267596.33	350549.55	4443	268060.56	350446.15
4369	267036. 47	349887.07	4394	267167.79	350373.37	4419	267615.38	350553.50	4444	268079.41	350439.49
4370		349906. 30	4395	267180.65	350387.44	4420	267634.56	350556.76	4445	268098.31	350432.82
4371	267040, 96	349925, 47	4396	267194.36	350400.68	4421	267653.85	350559.32	4446	268117.44	350426.17
4372		349944. 57	4397	267208.87	350413.04	4422	267673.26	350561.18	4447	268137.13	350419.96

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2.1	Coord	linates		Coord	linates		Coord	linates		Coore	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
4548	269370. 78	351838. 45	4573	269849.13	351984.48	4598	270219.12	352327.48	4623	270322.89	352821.75
4449	268178. 36	350411.20	4574	269868.62	351990.66	4599	270226.63	352347.21	4624	270325.92	352841.52
4450	268199. 47	350409. 29	4575	269888.27	351997.46	4600	270233.25	352367.25	4625	270328.96	352861.29
4451	268220. 67	350409.06	4576	269907.81	352005.05	4601	270238.96	352387.51	4626	270332.00	352881.05
4452	268241. 81	350410. 54	4577	269927.05	352013.41	4602	270243.75	352407.52	4627	270335.03	352900.82
4453	268262. 77	350413.69	4578	269945.95	352022.51	4603	270248.30	352427.08	4628	270338.07	352920.59
4454	268283. 41	350418.51	4579	269964.48	352032.35	4604	270252.83	352446.56	4629	270341.10	352940.36
4455	268303.60	350424.97	4580	269982.61	352042.91	4605	270257.36	352466.04	4630	270344.14	352960.12
4456	268323. 20	350433.02	4581	270000.31	352054.17	4606	270261.89	352485.52	4631	270347.18	352979.89
4457	268342. 11	350442.61	4582	270017.56	352066.12	4607	270266.42	352505.00	4632	270350.21	352999.66
4458	268360. 18	350453.68	4583	270034.32	352078.73	4608	270270.96	352524.48	4633	270353.25	353019.43
4459	268377. 32	350466. 16	4584	270050.58	352091.99	4609	270275.49	352543.96	4634	270356.29	353039.20
4460	268393. 40	350479.96	4585	270066.30	352105.88	4610	270280.04	352563.53	4635	270359.32	353058.97
4461	268408. 32	350495. 01	4586	270081.47	352120.37	4611	270284.50	352583.39	4636	270362.36	353078.73
4462	268422. 00	350511.21	4587	270096.06	352135.45	4612	270288.59	352603.47	4637	270365.40	353098.50
4463	268434. 33	350528. 44	4588	270110.04	352151.08	4613	270292.28	352623.64	4638	270368.43	353118.27
4464	268445. 26	350546.60	4589	270123.41	352167.26	4614	270295.54	352643.73	4639	270371.47	353138.04
4465	268454. 69	350565. 58	4590	270136.13	352183.94	4615	270298.59	352663.60	4640	270374.51	353157.81
4466	268481. 35	350612.41	4591	270148.14	352201.06	4616	270301.63	352683.37	4641	270377.54	353177.57
4467	268483. 97	350622.38	4592	270159.43	352218.38	4617	270304.67	352703.14	4642	270380.57	353197.26
4468	268488. 91	350641.88	4593	270170.19	352235.61	4618	270307.70	352722.91	4643	270383.63	353216.33
4469	268493. 81	350661.30	4594	270180.82	352252.82	4619	270310.74	352742.67	4644	270387.47	353234.65
4470	268498. 70	350680.69	4595	270191.46	352270.57	4620	270313.78	352762.44	4645	270392.29	353252.65
4471	268503. 59	350700.08	4596	270201.51	352289.12	4621	270316.81	352782.21	4646	270401.58	353279.36
4472	268508. 48	350719.48	4597	270210.74	352308.10	4622	270319.85	352801.98	4647	270412.18	353325.72

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
4648	270422. 17	353342.57	4673	270554.95	353802.65	4698	270362.30	354264.19	4723	270148.19	354718.07
4649	270432. 83	353358.51	4674	270547.21	353821.23	4699	270354.60	354282.65	4724	270137.09	354734.96
4650	270444. 35	353373.85	4675	270539.51	353839.69	4700	270346.89	354301.10	4725	270125.74	354751.69
4651	270456. 73	353388. 59	4676	270531.80	353858.15	4701	270339.19	354319.56	4726	270114.15	354768.25
4652	270470.02	353403.05	4677	270524.10	353876.60	4702	270331.48	354338.02	4727	270102.33	354784.65
4653	270483. 64	353417.75	4678	270516.39	353895.06	4703	270323.78	354356.47	4728	270090.28	354800.88
4654	270497. 30	353432. 79	4679	270508.69	353913.52	4704	270316.07	354374.93	4729	270078.00	354816.93
4655	270510.68	353448.50	4680	270500.98	353931.97	4705	270308.37	354393.38	4730	270065.48	354832.81
4656	270523. 35	353465.07	4681	270493.28	353950.43	4706	270300.67	354411.84	4731	270052.75	354848.51
4657	270535.00	353482.46	4682	270485.58	353968.89	4707	270292.96	354430.30	4732	270039.79	354864.02
4658	270545. 54	353500.55	4683	270477.87	353987.34	4708	270285.26	354448.75	4733	270026.60	354879.34
4659	270554. 93	353519. 26	4684	270470.17	354005.80	4709	270277.55	354467.22	4734	270013.21	354894.48
4660	270563. 14	353538.51	4685	270462.46	354024.26	4710	270269.82	354485.70	4735	269999.63	354909.40
4661	270570. 13	353558. 25	4686	270454.76	354042.71	4711	270261.97	354504.22	4736	269985.96	354924.14
4662	270575. 87	353578.38	4687	270447.05	354061.17	4712	270253.91	354522.72	4737	269972.26	354938.77
4663	270580. 34	353598.83	4688	270439.35	354079.63	4713	270245.58	354541.13	4738	269958.58	354953.36
4664	270583. 53	353619.52	4689	270431.64	354098.08	4714	270236.99	354559.43	4739	269944.90	354967.95
4665	270585. 42	353640.37	4690	270423.94	354116.54	4715	270228.14	354577.61	4740	269931.23	354982.53
4666	270586.00	353661.30	4691	270416.23	354134.99	4716	270219.04	354595.65	4741	269917.65	354997.07
4667	270585. 28	353682. 22	4692	270408.53	354153.45	4717	270209.67	354613.56	4742	269904.36	355011.65
4668	270583. 24	353703.05	4693	270400.82	354171.91	4718	270200.05	354631.34	4743	269891.52	355026.43
4669	270579. 92	353723.72	4694	270393.12	354190.36	4719	270190.18	354648.98	4744	269879.21	355041.57
4670	270575. 30	353744. 14	4695	270385.42	354208.82	4720	270180.05	354666.48	4745	269867.42	355057.09
4671	270569. 44	353764. 20	4696	270377.71	354227.28	4721	270169.68	354683.83	4746	269856.15	355073.01
4672	270562. 49	353783.71	4697	270370.01	354245.73	4722	270159.06	354701.03	4747	269845.42	355089.29

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
4748	269835. 23	355105. 92	4773	269564.18	355552.77	4798	269234.59	355927.54	4823	268890.53	356296.30
4749	269825. 54	355122.94	4774	269550.92	355567.80	4799	269222.48	355942.73	4824	268872.76	356306.55
4750	269816. 18	355140.32	4775	269537.69	355582.80	4800	269210.65	355958.28	4825	268855.06	356316.41
4751	269806. 94	355157.95	4776	269524.46	355597.80	4801	269198.91	355974.17	4826	268837.42	356326.10
4752	269797. 69	355175. 67	4777	269511.24	355612.80	4802	269187.16	355990.26	4827	268819.65	356335.77
4753	269783. 42	355224. 62	4778	269498.01	355627.80	4803	269175.37	356006.42	4828	268801.47	356345.30
4754	269778. 80	355233, 49	4779	269484.78	355642.80	4804	269163.57	356022.57	4829	268782.85	356354.45
4755	269769. 54	355251.21	4780	269471.55	355657.80	4805	269151.78	356038.73	4830	268763.87	356363.01
4756	269760. 29	355268.95	4781	269458.32	355672.80	4806	269139.99	356054.88	4831	268744.67	356370.90
4757	269751.03	355286.69	4782	269445.09	355687.80	4807	269128.19	356071.04	4832	268725.47	356378.20
4758	269741.72	355304.51	4783	269431.86	355702.80	4808	269116.35	356087.25	4833	268706.42	356385.09
4759	269732. 11	355322. 51	4784	269418.63	355717.80	4809	269104.27	356103.56	4834	268687.53	356391.82
4760	269721. 92	355340. 57	4785	269405.40	355732.80	4810	269091.79	356119.85	4835	268668.71	356398.53
4761	269711.03	355358.36	4786	269392.17	355747.80	4811	269078.79	356135.93	4836	268650.06	356405.22
4762	269699.66	355375. 61	4787	269378.94	355762.80	4812	269065.32	356151.67	4837	268631.82	356412.03
4763	269688. 15	355392.36	4788	269365.71	355777.80	4813	269051.40	356167.01	4838	268614.12	356419.23
4764	269676.67	355408. 85	4789	269352.48	355792.80	4814	269037.06	356181.95	4839	268596.91	356427.09
4765	269665. 16	355425.34	4790	269339.25	355807.80	4815	269022.28	356196.47	4840	268580.09	356435.70
4766	269653. 45	355441.85	4791	269326.03	355822.79	4816	269007.11	356210.57	4841	268563.55	356445.10
4767	269641. 45	355458.31	4792	269312.80	355837.79	4817	268991.53	356224.22	4842	268547.08	356455.23
4768	269629. 16	355474. 61	4793	269299.57	355852.79	4818	268975.57	356237.43	4843	268530.47	356465.86
4769	269616.60	355490. 71	4794	269286.34	355867.79	4819	268959.24	356250.17	4844	268513.72	356476.69
4770	269603.77	355506. 59	4795	269273.12	355882.78	4820	268942.55	356262.44	4845	268496.92	356487.54
4771	269590. 70	355522. 23	4796	269259.98	355897.71	4821	268925.52	356274.23	4846	268480.13	356498.40
4772	269577. 46	355537.62	4797	269247.09	355912.59	4822	268908.16	356285.53	4847	268463.36	356509.23

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
4848	268446.85	356519.98	4873	268234.73	356943.98	4898	267958.69	357374.67	4923	268201.87	357748.40
4849	268430. 97	356530.79	4874	268223.64	356962.05	4899	267956.10	357393.55	4924	268218.93	357758.95
4850	268415. 91	356542.00	4875	268212.08	356979.28	4900	267954.69	357412.56	4925	268235.96	357769.60
4851	268401.65	356553. 91	4876	268200.46	356995.89	4901	267954.47	357431.62	4926	268252.93	357780.35
4852	268388, 10	356566, 61	4877	268188.94	357012.28	4902	267955.44	357450.65	4927	268269.83	357791.19
4853	268375, 30	356580, 06	4878	268177.44	357028.64	4903	267957.59	357469.59	4928	268286.68	357802.13
4854	268363. 29	356594. 22	4879	268165.94	357045.00	4904	267960.93	357488.35	4929	268303.46	357813.17
4855	268352. 10	356609.04	4880	268154.43	357061.36	4905	267965.43	357506.87	4930	268320.16	357824.28
4856	268341. 78	356624. 48	4881	268142.93	357077.72	4906	267971.08	357525.08	4931	268336.81	357835.43
4857	268332. 36	356640, 48	4882	268131.43	357094.08	4907	267977.85	357542.89	4932	268353.42	357846.59
4858	268323, 87	356656.99	4883	268119.93	357110.44	4908	267985.73	357560.25	4933	268370.02	357857.74
4859	268316. 34	356673.96	4884	268108.42	357126.81	4909	267994.67	357577.08	4934	268386.62	357868.89
4860	268309, 78	356691, 33	4885	268096.92	357143.17	4910	268004.65	357593.32	4935	268403.22	357880.04
4861	268304. 22	356709.11	4886	268085.42	357159.53	4911	268015.62	357608.90	4936	268419.83	357891.19
4862	268299. 52	356727. 43	4887	268048.48	357194.68	4912	268027.54	357623.77	4937	268453.03	357913.50
4863	268295. 33	356746, 40	4888	268042.73	357202.86	4913	268040.37	357637.86	4938	268469.63	357924.65
4864	268291, 30	356765, 81	4889	268031.23	357219.22	4914	268054.06	357651.13	4939	268486.23	357935.80
4865	268287, 25	356785, 40	4890	268019.78	357235.52	4915	268068.54	357663.52	4940	268502.84	357946.95
4866	268283, 19	356805, 02	4891	268008.66	357251.73	4916	268083.82	357675.01	4941	268519.44	357958.11
4867	268279. 02	356824. 87	4892	267998.28	357268.03	4917	268099.89	357685.79	4942	268536.04	357969.26
4868	268274. 36	356845. 10	4893	267988.92	357284.69	4918	268116.59	357696.22	4943	268552.63	357980.40
4869	268268, 75	356865, 55	4894	267980.65	357301.86	4919	268133.59	357706.61	4944	268569.19	357991.50
4870		356885, 85	4895	267973.46	357319.51	4920	268150.65	357717.05	4945	268585.75	358002.40
4871	268253. 98	356905. 74	4896	267967.39	357337.58	4921	268167.72	357727.48	4946	268602.38	358012.98
4872		356925. 15	4897	267962.46	357355.99	4922	268184.79	357737.92	4947	268619.21	358023.16

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
4948	268636. 25	358032.97	4973	269089.56	358239.67	4998	269552.77	358428.17	5023	270007.52	358637.00
4949	268653. 51	358042.40	4974	269107.95	358247.37	4999	269571.20	358436.13	5024	270025.67	358645.40
4950	268670. 98	358051.44	4975	269126.37	358254.99	5000	269589.58	358444.19	5025	270043.82	358653.80
4951	268688.66	358060.11	4976	269144.83	358262.54	5001	269607.93	358452.34	5026	270061.97	358662.21
4952	268706. 59	358068. 49	4977	269163.33	358270.03	5002	269626.23	358460.59	5027	270080.10	358670.60
4953	268724. 70	358076.72	4978	269181.87	358277.51	5003	269644.49	358468.92	5028	270098.18	358678.91
4954	268742. 92	358084.95	4979	269200.42	358284.99	5004	269662.69	358477.33	5029	270116.25	358687.00
4955	268761.14	358093.18	4980	269218.97	358292.47	5005	269680.84	358485.73	5030	270134.39	358694.76
4956	268779. 37	358101.41	4981	269237.52	358299.95	5006	269698.99	358494.14	5031	270152.69	358702.16
4957	268797. 60	358109.64	4982	269256.07	358307.43	5007	269717.14	358502.54	5032	270171.19	358709.32
4958	268815. 82	358117.87	4983	269274.62	358314.91	5008	269735.29	358510.94	5033	270189.83	358716.39
4959	268834. 05	358126. 10	4984	269293.16	358322.39	5009	269753.44	358519.35	5034	270208.53	358723.45
4960	268852. 28	358134.34	4985	269311.71	358329.87	5010	269771.59	358527.75	5035	270227.24	358730.52
4961	268870. 51	358142.57	4986	269330.26	358337.35	5011	269789.74	358536.15	5036	270245.95	358737.58
4962	268888.74	358150. 80	4987	269348.81	358344.83	5012	269807.88	358544.56	5037	270264.66	358744.65
4963	268906.96	358159.03	4988	269367.36	358352.31	5013	269826.03	358552.96	5038	270283.37	358751.72
4964	268925. 19	358167. 26	4989	269385.91	358359.80	5014	269844.18	358561.36	5039	270301.98	358758.74
4965	268943. 42	358175. 49	4990	269404.45	358367.28	5015	269862.33	358569.77	5040	270320.48	358765.42
4966	268961.64	358183.72	4991	269423.00	358374.76	5016	269880.48	358578.17	5041	270339.08	358771.53
4967	268979. 85	358191.93	4992	269441.55	358382.24	5017	269898.63	358586.57	5042	270357.84	358777.11
4968	268998.06	358200.07	4993	269460.11	358389.72	5018	269916.78	358594.98	5043	270376.81	358782.17
4969	269016. 29	358208. 14	4994	269478.68	358397.22	5019	269934.93	358603.38	5044	270396.09	358786.92
4970		358216. 13	4995	269497.26	358404.82	5020	269953.07	358611.79	5045	270415.51	358791.69
4971	269052. 86	358224.05	4996	269515.80	358412.51	5021	269971.22	358620.19	5046	270434.93	358796.46
4972	269071. 19	358231. 90	4997	269534.30	358420.29	5022	269989.37	358628.59	5047	270454.36	358801.22

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											C 30
Point	Coord	linates	Point	Coord	dinates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
5148	271332. 33	360242.23	5173	271606.10	360685.41	5198	271717.25	361154.62	5223	271988.60	361546.40
5149	271343. 60	360257. 26	5174	271615.12	360703.63	5199	271720.24	361174.34	5224	272003.47	361559.64
5150	271349. 75	360264.84	5175	271619.48	360712.91	5200	271723.34	361193.81	5225	272018.43	361572.89
5151	271373. 67	360309. 19	5176	271623.72	360722.24	5201	271726.96	361212.86	5226	272033.40	361586.15
5152	271386. 52	360324. 51	5177	271631.75	360740.93	5202	271731.50	361231.45	5227	272048.37	361599.42
5153	271399. 42	360339. 90	5178	271639.31	360759.88	5203	271737.17	361249.64	5228	272063.34	361612.68
5154	271412. 27	360355. 52	5179	271646.36	360779.03	5204	271743.97	361267.45	5229	272078.31	361625.94
5155	271424. 89	360371.54	5180	271652.90	360798.35	5205	271751.86	361284.80	5230	272093.29	361639.22
5156	271437. 05	360388. 02	5181	271658.91	360817.84	5206	271760.82	361301.62	5231	272108.31	361652.58
5157	271448. 67	360404. 91	5182	271664.41	360837.49	5207	271770.82	361317.85	5232	272123.27	361666.20
5158	271459, 71	360422, 17	5183	271669.38	360857.27	5208	271781.81	361333.43	5233	272138.03	361680.20
5159	271470. 15	360439. 69	5184	271673.82	360877.18	5209	271793.82	361348.40	5234	272152.46	361694.60
5160	271480, 14	360457, 28	5185	271677.73	360897.18	5210	271806.69	361363.02	5235	272166.52	361709.36
5161	271489. 89	360474. 81	5186	271681.14	360917.17	5211	271820.12	361377.58	5236	272180.17	361724.46
5162	271499. 60	360492. 31	5187	271684.26	360937.07	5212	271833.70	361392.22	5237	272193.43	361739.80
5163	271509. 30	360509.80	5188	271687.26	360956.88	5213	271847.30	361406.87	5238	272206.39	361755.20
5164	271519. 01	360527. 28	5189	271690.26	360976.65	5214	271860.88	361421.45	5239	272219.22	361770.57
5165	271528, 72	360544.77	5190	271693.26	360996.43	5215	271874.54	361435.88	5240	272232.04	361785.93
5166	271538. 42	360562. 26	5191	271696.26	361016.20	5216	271888.33	361450.16	5241	272244.85	361801.29
5167	271548. 13	360579.74	5192	271699.26	361035.97	5217	271902.26	361464.32	5242	272257.64	361816.61
5168		360597. 23	5193	271702.25	361055.75	5218	271916.32	361478.34	5243	272270.46	361831.82
5169	271567. 54	360614.72	5194	271705.25	361075.52	5219	271930.51	361492.22	5244	272283.41	361846.87
5170		360632.20	5195	271708.25	361095.30	5220	271944.84	361505.97	5245	272296.50	361861.79
5171	271586. 98	360649.74	5196	271711.25	361115.07	5221	271959.30	361519.59	5246	272309.75	361876.57
5172		360667. 44	5197	271714.25	361134.85	5222	271973.88	361533.06	5247	272323.14	361891.22

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Poline	Coord	linates	Point	Coord	dinates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
5248	272336. 70	361905. 78	5273	272576.74	362335.46	5298	272371.26	362783.36	5323	272045.61	363160.76
5249	272350. 38	361920. 33	5274	272574.07	362355.81	5299	272357.37	362797.66	5324	272032.95	363176.25
5250	272364. 08	361934.90	5275	272570.97	362375.78	5300	272343.59	362812.03	5325	272020.30	363191.74
5251	272377. 77	361949. 48	5276	272567.81	362395.56	5301	272329.88	362826.48	5326	272007.65	363207.22
5252	272391. 47	361964. 05	5277	272564.67	362415.31	5302	272316.26	362841.00	5327	271994.99	363222.71
5253	272405. 17	361978. 62	5278	272561.52	362435.06	5303	272302.73	362855.61	5328	271982.34	363238.20
5254	272418. 86	361993. 20	5279	272558.37	362454.81	5304	272289.28	362870.29	5329	271969.69	363253.69
5255	272432. 56	362007.77	5280	272555.23	362474.56	5305	272275.91	362885.06	5330	271957.04	363269.18
5256	272446. 26	362022.34	5281	272552.06	362494.39	5306	272262.64	362899.90	5331	271944.38	363284.67
5257	272459. 96	362036.92	5282	272548.67	362514.42	5307	272249.44	362914.81	5332	271931.73	363300.16
5258	272473. 69	362051.53	5283	272544.56	362534.65	5308	272236.34	362929.80	5333	271919.08	363315.65
5259	272487. 47	362066. 42	5284	272539.30	362554.85	5309	272223.32	362944.87	5334	271906.42	363331.14
5260	272501.01	362081.95	5285	272532.78	362574.74	5310	272210.39	362960.01	5335	271893.77	363346.62
5261	272513. 88	362098.37	5286	272525.02	362594.19	5311	272197.54	362975.23	5336	271881.12	363362.11
5262	272525. 75	362115.61	5287	272516.06	362613.11	5312	272184.79	362990.52	5337	271868.46	363377.60
5263	272536. 51	362133. 57	5288	272505.94	362631.44	5313	272172.12	363005.90	5338	271855.81	363393.09
5264	272546. 13	362152. 16	5289	272494.70	362649.09	5314	272159.48	363021.36	5339	271843.16	363408.58
5265	272554. 58	362171.31	5290	272482.37	362666.01	5315	272146.83	363036.85	5340	271830.50	363424.08
5266	272561. 81	362190.96	5291	272469.09	362682.06	5316	272134.18	363052.34	5341	271817.77	363439.61
5267	272567. 80	362211.02	5292	272455.20	362697.23	5317	272121.52	363067.83	5342	271804.85	363455.07
5268	272572. 52	362231.41	5293	272441.14	362711.80	5318	272108.87	363083.31	5343	271791.78	363470.40
5269	272575. 96	362252.06	5294	272427.13	362726.13	5319	272096.22	363098.80	5344	271778.56	363485.61
5270	272578. 11	362272. 89	5295	272413.16	362740.44	5320	272083.56	363114.29	5345	271765.18	363500.68
5271	272578. 95	362293. 80	5296	272399.19	362754.75	5321	272070.91	363129.78	5346	271751.66	363515.61
5272	272578. 48	362314. 73	5297	272385.22	362769.06	5322	272058.26	363145.27	5347	271737.98	363530.41

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Police	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
5348	271724. 16	363545. 08	5373	271334.14	363862.82	5398	270874.76	364129.78	5423	270477.69	364437.22
5349	271710. 19	363559.60	5374	271316.14	363872.54	5399	270859.60	364142.44	5424	270460.75	364447.86
5350	271696. 08	363573.98	5375	271297.84	363881.70	5400	270844.57	364155.25	5425	270443.82	364458.50
5351	271681. 83	363588. 22	5376	271279.28	363890.30	5401	270829.67	364168.22	5426	270426.89	364469.14
5352	271667. 43	363602.32	5377	271260.45	363898.32	5402	270814.84	364181.37	5427	270409.95	364479.79
5353	271652. 89	363616. 27	5378	271241.41	363905.75	5403	270799.97	364194.67	5428	270393.06	364490.40
5354	271638. 22	363630. 08	5379	271222.27	363912.61	5404	270785.06	364208.01	5429	270376.36	364500.99
5355	271623. 40	363643.74	5380	271203.18	363919.10	5405	270770.15	364221.34	5430	270360.04	364511.66
5356	271608. 45	363657. 25	5381	271184.22	363925.42	5406	270755.24	364234.67	5431	270344.17	364522.63
5357	271593. 37	363670.61	5382	271165.48	363931.82	5407	270740.27	364248.05	5432	270328.69	364534.05
5358	271578. 15	363683. 82	5383	271115.77	363962.54	5408	270725.09	364261.46	5433	270313.57	364545.93
5359	271562. 81	363696. 88	5384	271098.17	363971.08	5409	270709.65	364274.72	5434	270298.82	364558.28
5360	271547. 33	363709.78	5385	271081.28	363980.03	5410	270694.01	364287.76	5435	270284.38	364571.14
5361	271531. 72	363722.53	5386	271064.72	363989.57	5411	270678.19	364300.57	5436	270270.06	364584.48
5362	271515. 99	363735. 12	5387	271048.49	363999.70	5412	270662.19	364313.15	5437	270255.70	364598.17
5363	271500. 13	363747.55	5388	271032.52	364010.45	5413	270646.01	364325.51	5438	270241.27	364611.98
5364	271484. 15	363759.82	5389	271016.60	364021.76	5414	270629.66	364337.63	5439	270226.82	364625.80
5365	271468. 05	363771.94	5390	271000.58	364033.44	5415	270613.13	364349.52	5440	270212.37	364639.63
5366	271451. 83	363783. 89	5391	270984.46	364045.24	5416	270596.44	364361.17	5441	270197.92	364653.46
5367	271435. 51	363795.66	5392	270968.36	364057.02	5417	270579.58	364372.58	5442	270183.47	364667.28
5368	271419. 17	363807. 29	5393	270952.41	364068.79	5418	270562.56	364383.75	5443	270169.02	364681.11
5369	271402. 80	363818. 92	5394	270936.64	364080.68	5419	270545.48	364394.61	5444	270154.57	364694.94
5370	271386. 18	363830. 47	5395	270920.98	364092.72	5420	270528.49	364405.29	5445	270140.12	364708.76
5371	271369. 21	363841.75	5396	270905.45	364104.92	5421	270511.56	364415.93	5446	270125.67	364722.59
5372	271351. 84	363852. 55	5397	270890.04	364117.27	5422	270494.62	364426.58	5447	270111.22	364736.42

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Deline.	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
5448	270096. 76	364750. 25	5473	269801.57	365120.36	5498	269905.88	365596.15	5523	269998.34	366088.88
5449	270082. 31	364764.07	5474	269799.53	365138.69	5499	269911.16	365615.49	5524	270002.01	366109.29
5450	270067. 86	364777.90	5475	269798.65	365157.10	5500	269916.40	365634.98	5525	270005.05	366129.84
5451	270053. 41	364791.73	5476	269798.91	365175.53	5501	269921.47	365654.70	5526	270007.45	366150.46
5452	270038. 96	364805.55	5477	269800.33	365193.91	5502	269926.21	365674.62	5527	270009.22	366171.14
5453	270024. 51	364819.38	5478	269802.89	365212.19	5503	269930.56	365694.65	5528	270010.38	366191.71
5454	270010.06	364833. 21	5479	269806.60	365230.51	5504	269934.51	365714.76	5529	270011.12	366212.04
5455	269995. 61	364847.03	5480	269811.24	365249.14	5505	269938.06	365734.95	5530	270011.70	366232.13
5456	269981.16	364860.86	5481	269816.38	365268.17	5506	269941.20	365755.16	5531	270012.26	366252.14
5457	269966.71	364874.69	5482	269821.64	365287.44	5507	269943.99	365775.28	5532	270012.82	366272.14
5458	269952. 26	364888.51	5483	269826.90	365306.73	5508	269946.58	365795.24	5533	270013.38	366292.13
5459	269937. 81	364902.34	5484	269832.17	365326.03	5509	269949.13	365815.10	5534	270013.93	366312.10
5460	269923. 36	364916.17	5485	269837.43	365345.32	5510	269951.67	365834.94	5535	270014.51	366331.92
5461	269908. 94	364929.96	5486	269842.70	365364.62	5511	269954.21	365854.78	5536	270015.33	366351.37
5462	269894. 78	364943.61	5487	269847.96	365383.91	5512	269956.74	365874.56	5537	270016.70	366370.42
5463	269881.31	364957. 20	5488	269853.23	365403.21	5513	269959.34	365894.22	5538	270018.85	366389.21
5464	269868. 81	364971.04	5489	269858.49	365422.50	5514	269962.11	365913.71	5539	270021.84	366407.86
5465	269857. 31	364985. 47	5490	269863.76	365441.80	5515	269965.17	365933.07	5540	270025.65	366426.36
5466	269846.74	365000.57	5491	269869.02	365461.09	5516	269968.55	365952.36	5541	270030.27	366444.67
5467	269837. 14	365016.30	5492	269874.29	365480.38	5517	269972.25	365971.59	5542	270035.71	366462.75
5468	269828. 53	365032.61	5493	269879.56	365499.68	5518	269976.27	365990.79	5543	270041.95	366480.58
5469	269820. 97	365049. 41	5494	269884.82	365518.97	5519	269980.59	366010.05	5544	270048.97	366498.12
5470	269814.46	365066.66	5495	269890.09	365538.27	5520	269985.08	366029.42	5545	270056.76	366515.32
5471	269809. 05	365084. 28	5496	269895.35	365557.56	5521	269989.65	366048.95	5546	270065.31	366532.16
5472	269804. 74	365102. 21	5497	269900.62	365576.86	5522	269994.14	366068.74	5547	270074.60	366548.61

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7.	Coord	linates		Coord	dinates	D	Coord	linates		Coord	linates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)
5648	271600. 10	367850. 93	5673	271978.05	368184.39	5698	272231.84	368606.92	5723	272546.94	368989.29
5649	271614. 98	367863. 13	5674	271988.68	368202.19	5699	272245.49	368619.52			
5650	271630. 31	367874.96	5675	271998.66	368219.88	5700	272259.95	368631.42			
5651	271646. 08	367886, 62	5676	272008.48	368237.33	5701	272275.26	368642.89			
5652		367898. 27	5677	272018.29	368254.76	5702	272291.25	368654.29			
5653		367909. 97	5678	272028.10	368272.19	5703	272307.54	368665.79			
5654		367921.68	5679	272037.90	368289.62	5704	272323.88	368677.32			
5655		367933. 39	5680	272047.71	368307.05	5705	272340.23	368688.84			
5656		367945. 10	5681	272057.52	368324.48	5706	272356.57	368700.37			
5657		367956, 82	5682	272067.33	368341.91	5707	272372.93	368711.92			
5658		367968. 53	5683	272077.14	368359.34	5708	272389.47	368723.64			
5659		367980. 24	5684	272086.94	368376.77	5709	272406.19	368735.99			
5660		367991.95	5685	272096.75	368394.20	5710	272422.76	368749.37			
5661	271808. 17	368003.72	5686	272106.56	368411.63	5711	272438.66	368763.88			
5662		368015.86	5687	272116.37	368429.06	5712	272453.65	368779.38			
5663		368028.72	5688	272126.18	368446.49	5713	272467.64	368795.79			
5664		368042. 13	5689	272135.98	368463.92	5714	272480.58	368813.03			
5665		368056.06	5690	272145.79	368481.35	5715	272492.41	368831.05			
5666		368070. 50	5691	272155.60	368498.78	5716	272503.10	368849.78			
5667		368085, 43	5692	272165.36	368516.12	5717	272512.59	368869.13			
5668		368100. 83	5693	272175.08	368533.08	5718	272520.86	368889.04			
5669		368116.70	5694	272185.01	368549.33	5719	272527.86	368909.39			
	271942. 52	368133.01	5695	272195.51	368564.77	5720	272533.56	368929.84			
5671	271954. 93	368149.74	5696	272206.81	368579.51	5721	272538.33	368949.98			
	271966. 78	368166. 87	5697	272218.93	368593.57	5722	272542.67	368969.73			

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											C 33
Poline	Coord	linates	Point	Coord	dinates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
5724	345849. 10	266322. 44	5749	346149.88	266524.28	5774	346625.33	266674.50	5799	347079.25	266866.62
5725	345856. 39	266328.71	5750	346167.38	266531.92	5775	346642.37	266684.99	5800	347098.39	266874.53
5726	345863. 78	266334.86	5751	346185.14	266538.92	5776	346659.40	266695.47	5801	347117.30	266882.98
5727	345871. 26	266340.90	5752	346203.14	266545.27	5777	346676.43	266705.96	5802	347135.96	266891.97
5728	345878. 84	266346. 82	5753	346221.36	266550.97	5778	346693.46	266716.44	5803	347154.36	266901.49
5729	345886. 51	266352.63	5754	346239.78	266555.99	5779	346710.48	266726.91	5804	347172.48	266911.53
5730	345894. 29	266358.35	5755	346258.41	266560.36	5780	346727.27	266737.23	5805	347190.30	266922.09
5731	345902. 20	266364.00	5756	346277.38	266564.16	5781	346743.94	266746.96	5806	347207.81	266933.15
5732	345910. 22	266369.62	5757	346296.73	266567.64	5782	346760.81	266756.05	5807	347224.98	266944.69
5733	345918. 35	266375. 23	5758	346316.34	266571.01	5783	346777.97	266764.58	5808	347241.73	266956.61
5734	345926. 56	266380. 86	5759	346336.05	266574.40	5784	346795.41	266772.54	5809	347258.07	266968.68
5735	345934. 80	266386.51	5760	346355.76	266577.78	5785	346813.10	266779.91	5810	347274.16	266980.75
5736	345943. 05	266392. 15	5761	346375.47	266581.16	5786	346831.03	266786.68	5811	347290.15	266992.76
5737	345951.30	266397.80	5762	346395.20	266584.55	5787	346849.26	266792.89	5812	347306.14	267004.78
5738	345967. 80	266409.10	5763	346415.04	266587.97	5788	346868.02	266798.74	5813	347322.12	267016.79
5739	345984. 30	266420.40	5764	346435.20	266591.67	5789	346887.11	266804.65	5814	347338.01	267028.73
5740	346000. 81	266431.70	5765	346455.66	266596.03	5790	346906.21	266810.57	5815	347353.70	267040.27
5741	346017. 31	266443.00	5766	346476.16	266601.37	5791	346925.32	266816.48	5816	347369.31	267051.00
5742	346033. 81	266454.30	5767	346496.42	266607.75	5792	346944.42	266822.40	5817	347385.19	267060.74
5743	346050. 29	266465. 58	5768	346516.35	266615.14	5793	346963.53	266828.32	5818	347401.55	267069.53
5744	346066.65	266476.71	5769	346535.88	266623.51	5794	346982.63	266834.24	5819	347418.38	267077.37
5745	346082. 91	266487.45	5770	346554.93	266632.83	5795	347001.76	266840.16	5820	347435.64	267084.24
5746	346099. 22	266497.60	5771	346573.34	266642.94	5796	347021.01	266846.18	5821	347453.34	267090.14
5747	346115. 79	266507.11	5772	346591.06	266653.45	5797	347040.42	266852.48	5822	347471.67	267095.26
5748	346132. 68	266516.00	5773	346608.28	266664.01	5798	347059.89	266859.26	5823	347490.65	267099.99

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n	Coord	linates		Coord	linates	D	Coord	linates		Coord	linates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
5824	347510. 01	267104.66	5849	347996.73	267204.28	5874	348491.70	267198.59	5899	348971.53	267105.76
5825	347529. 45	267109.36	5850	348016.11	267206.40	5875	348511.40	267197.26	5900	348990.45	267098.37
5826	347548. 89	267114.06	5851	348035.53	267208.13	5876	348531.09	267195.73	5901	349009.92	267091.23
5827	347568. 33	267118.76	5852	348054.99	267209.47	5877	348550.82	267194.00	5902	349029.95	267084.73
5828	347587, 77	267123, 46	5853	348074.46	267210.42	5878	348570.66	267192.14	5903	349050.36	267079.15
5829	347607. 21	267128. 16	5854	348093.95	267210.98	5879	348590.57	267190.27	5904	349071.01	267074.52
5830		267132. 84	5855	348113.46	267211.15	5880	348610.48	267188.40	5905	349091.85	267070.86
5831	347645. 96	267137. 45	5856	348133.03	267210.94	5881	348630.39	267186.53	5906	349112.80	267068.18
5832		267141.96	5857	348152.77	267210.45	5882	348650.31	267184.67	5907	349133.62	267066.42
5833		267146. 37	5858	348172.66	267209.82	5883	348670.22	267182.80	5908	349154.05	267065.27
5834	347704, 10	267150. 68	5859	348192.65	267209.17	5884	348690.13	267180.93	5909	349174.16	267064.34
5835	347723. 52	267154. 89	5860	348212.64	267208.52	5885	348709.97	267179.07	5910	349194.14	267063.42
5836		267159. 01	5861	348232.63	267207.87	5886	348729.59	267177.12	5911	349214.12	267062.50
5837	347762. 43	267163.03	5862	348252.62	267207.23	5887	348748.89	267174.87	5912	349234.06	267061.57
5838		267166. 95	5863	348272.60	267206.58	5888	348767.90	267172.09	5913	349253.88	267060.59
5839	347801. 42	267170. 78	5864	348292.59	267205.93	5889	348786.75	267168.68	5914	349273.56	267059.45
5840		267174. 51	5865	348312.58	267205.29	5890	348805.47	267164.64	5915	349293.11	267058.02
5841	347840. 48	267178. 14	5866	348332.57	267204.64	5891	348824.04	267159.97	5916	349312.62	267056.27
5842	347860. 07	267181.68	5867	348352.56	267203.99	5892	348842.45	267154.67	5917	349332.09	267054.19
5843		267185, 18	5868	348372.55	267203.35	5893	348860.69	267148.74	5918	349351.53	267051.79
5844	347899, 42	267188. 69	5869	348392.54	267202.70	5894	348878.89	267142.18	5919	349370.93	267049.06
5845	347919. 09	267192. 20	5870	348412.53	267202.05	5895	348897.21	267135.14	5920	349390.38	267046.03
5846		267195, 65	5871	348432.46	267201.41	5896	348915.69	267127.85	5921	349409.93	267042.77
5847	347958. 06	267198. 89	5872	348452.25	267200.66	5897	348934.29	267120.49	5922	349429.58	267039.41
	347977. 39	267201. 78	5873	348471.98	267199.72	5898	348952.88	267113.14	5923	349449.29	267036.02

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D. C.	Coord	linates		Coord	linates	7.	Coord	linates		Coore	linates
Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
5924	349469.00	267032.64	5949	349973.30	266998.44	5974	350449.04	267206.89	5999	350592.42	267691.16
5925	349488. 71	267029. 26	5950	349993.35	267002.65	5975	350460.52	267224.39	6000	350593.39	267711.30
5926	349508. 42	267025. 88	5951	350013.12	267007.11	5976	350470.88	267242.58	6001	350594.26	267731.40
5927	349528. 14	267022.50	5952	350032.68	267011.65	5977	350480.09	267261.38	6002	350594.94	267751.76
5928	349547. 85	267019.12	5953	350079.12	267032.70	5978	350488.09	267280.68	6003	350594.81	267772.57
5929	349567. 56	267015.74	5954	350088.86	267034.97	5979	350494.92	267300.21	6004	350593.21	267793.62
5930	349587. 27	267012.36	5955	350108.34	267039.49	5980	350500.95	267319.67	6005	350589.92	267814.56
5931	349606. 99	267008. 98	5956	350127.82	267044.02	5981	350506.63	267338.97	6006	350584.98	267835.17
5932	349626. 70	267005.60	5957	350147.30	267048.54	5982	350512.27	267358.16	6007	350578.40	267855.32
5933	349646. 41	267002. 21	5958	350166.78	267053.07	5983	350517.90	267377.35	6008	350570.24	267874.86
5934	349666. 15	266998.83	5959	350186.26	267057.60	5984	350523.53	267396.54	6009	350560.68	267893.55
5935	349686. 03	266995. 47	5960	350205.75	267062.12	5985	350529.16	267415.73	6010	350550.31	267911.33
5936	349706. 17	266992. 28	5961	350225.26	267066.65	5986	350534.80	267434.93	6011	350539.76	267928.50
5937	349726. 56	266989. 48	5962	350244.93	267071.33	5987	350540.43	267454.12	6012	350529.41	267945.43
5938	349747. 09	266987. 21	5963	350264.79	267076.56	5988	350546.06	267473.31	6013	350519.52	267962.32
5939	349767. 69	266985.48	5964	350284.64	267082.79	5989	350551.69	267492.50	6014	350510.38	267979.38
5940	349788. 32	266984.30	5965	350304.18	267090.26	5990	350557.32	267511.69	6015	350502.11	267996.78
5941	349808. 97	266983.67	5966	350323.23	267098.95	5991	350562.96	267530.90	6016	350494.65	268014.66
5942	349829. 64	266983. 59	5967	350341.70	267108.81	5992	350568.57	267550.24	6017	350487.75	268033.01
5943	349850. 30	266984.07	5968	350359.51	267119.80	5993	350573.95	267569.83	6018	350481.09	268051.71
5944	349870. 94	266985. 10	5969	350376.61	267131.89	5994	350578.82	267589.71	6019	350474.44	268070.54
5945	349891.55	266986. 67	5970	350392.92	267145.01	5995	350582.99	267609.82	6020	350467.78	268089.40
5946		266988.79	5971	350408.37	267159.13	5996	350586.43	267630.08	6021	350461.13	268108.23
5947	349932. 60	266991.47	5972	350422.91	267174.19	5997	350589.13	267650.44	6022	350454.65	268126.88
5948	349953. 01	266994.68	5973	350436.49	267190.13	5998	350591.08	267670.85	6023	350448.83	268145.33

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
6024	350444. 16	268163.73	6049	350751.09	268464.88	6074	351236.21	268606.52	6099	351630.32	268923.42
6025	350440. 97	268182. 27	6050	350770.49	268469.78	6075	351253.90	268616.90	6100	351643.62	268938.44
6026	350439. 27	268200.99	6051	350789.88	268474.66	6076	351271.17	268627.33	6101	351656.88	268953.43
6027	350439. 08	268219. 78	6052	350809.27	268479.55	6077	351288.35	268637.75	6102	351670.13	268968.42
6028	350440. 38	268238. 53	6053	350828.67	268484.44	6078	351305.56	268648.31	6103	351683.38	268983.40
6029	350443. 18	268257. 11	6054	350848.06	268489.34	6079	351322.76	268659.10	6104	351696.63	268998.38
6030	350447. 46	268275, 42	6055	350867.45	268494.23	6080	351339.84	268670.16	6105	351709.87	269013.36
6031	350453. 18	268293.32	6056	350886.84	268499.12	6081	351356.77	268681.47	6106	351723.13	269028.36
6032	350460. 32	268310.70	6057	350906.24	268504.01	6082	351373.54	268693.02	6107	351736.47	269043.48
6033	350468. 82	268327.46	6058	350925.63	268508.90	6083	351390.13	268704.80	6108	351749.83	269059.00
6034	350478. 63	268343.49	6059	350945.02	268513.79	6084	351406.56	268716.82	6109	351762.98	269075.12
6035	350489. 70	268358. 68	6060	350964.42	268518.68	6085	351422.82	268729.08	6110	351775.62	269091.85
6036	350501. 94	268372.94	6061	350983.81	268523.57	6086	351438.90	268741.56	6111	351787.59	269109.10
6037	350515. 29	268386. 18	6062	351003.20	268528.46	6087	351454.80	268754.28	6112	351798.87	269126.82
6038	350529. 64	268398.30	6063	351022.60	268533.35	6088	351470.51	268767.22	6113	351809.42	269144.97
6039	350544. 93	268409. 24	6064	351041.99	268538.24	6089	351486.04	268780.38	6114	351819.24	269163.53
6040	350561.03	268418.93	6065	351061.38	268543.13	6090	351501.38	268793.76	6115	351828.32	269182.47
6041	350577. 86	268427. 29	6066	351080.77	268548.02	6091	351516.53	268807.36	6116	351836.62	269201.76
6042	350625. 50	268433.09	6067	351100.32	268552.97	6092	351531.48	268821.18	6117	351844.14	269221.32
6043	350634. 88	268435.56	6068	351120.12	268558.22	6093	351546.23	268835.21	6118	351850.86	269240.95
6044	350654. 15	268440.44	6069	351140.12	268564.11	6094	351560.78	268849.45	6119	351857.02	269260.41
6045	350673. 52	268445.32	6070	351160.07	268570.89	6095	351575.12	268863.89	6120	351862.91	269279.65
6046		268450. 21	6071	351179.73	268578.56	6096	351589.26	268878.54	6121	351868.76	269298.80
6047	350712. 31	268455. 10	6072	351199.04	268587.10	6097	351603.18	268893.38	6122	351874.59	269317.93
6048	350731.70	268459. 99	6073	351217.92	268596.47	6098	351616.86	268908.37	6123	351880.43	269337.06

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
6124	351886. 27	269356. 18	6149	352032.22	269834.26	6174	352346.30	270172.78	6199	352829.34	270273.46
6125	351892. 11	269375. 31	6150	352038.13	269852.89	6175	352363.95	270179.50	6200	352849.11	270276.50
6126	351897. 95	269394. 44	6151	352044.41	269871.05	6176	352381.88	270185.42	6201	352868.88	270279.54
6127	351903. 79	269413. 57	6152	352051.30	269888.79	6177	352400.12	270190.56	6202	352888.64	270282.57
6128	351909, 63	269432.70	6153	352058.88	269906.24	6178	352419.01	270195.09	6203	352908.41	270285.61
6129	351915. 47	269451, 83	6154	352067.13	269923.37	6179	352438.41	270199.60	6204	352928.18	270288.65
6130		269470. 96	6155	352076.05	269940.17	6180	352457.89	270204.13	6205	352947.95	270291.68
6131	351927. 15	269490. 08	6156	352085.62	269956.60	6181	352477.37	270208.66	6206	352967.72	270294.72
6132	351932. 98	269509. 21	6157	352095.83	269972.65	6182	352496.85	270213.19	6207	352987.48	270297.76
6133	351938. 82	269528. 34	6158	352106.66	269988.28	6183	352516.33	270217.73	6208	353007.25	270300.79
6134	351944. 66	269547. 47	6159	352118.09	270003.48	6184	352535.81	270222.26	6209	353027.02	270303.83
6135	351950. 50	269566.60	6160	352130.11	270018.22	6185	352555.29	270226.79	6210	353046.79	270306.87
6136	351956, 34	269585, 73	6161	352142.70	270032.47	6186	352574.68	270231.30	6211	353066.56	270309.90
6137	351962. 18	269604.86	6162	352155.84	270046.22	6187	352593.85	270235.60	6212	353086.33	270312.94
6138	351968. 02	269623.99	6163	352169.51	270059.44	6188	352612.96	270239.50	6213	353106.09	270315.98
6139	351973. 86	269643.11	6164	352183.69	270072.12	6189	352632.14	270243.00	6214	353125.86	270319.01
6140	351979. 70	269662. 24	6165	352198.35	270084.24	6190	352651.53	270246.15	6215	353145.63	270322.05
6141	351985. 54	269681.37	6166	352213.47	270095.76	6191	352671.19	270249.17	6216	353165.40	270325.08
6142	351991. 37	269700. 50	6167	352229.09	270106.73	6192	352690.96	270252.21	6217	353185.17	270328.12
6143	351997. 21	269719.63	6168	352245.28	270117.28	6193	352710.73	270255.25	6218	353205.02	270331.17
6144	352003. 05	269738.76	6169	352261.98	270127.71	6194	352730.50	270258.28	6219	353225.44	270334.45
6145	352008. 89	269757. 89	6170	352278.81	270138.10	6195	352750.27	270261.32	6220	353246.26	270338.82
6146		269777.01	6171	352295.36	270148.02	6196	352770.03	270264.36	6221	353266.90	270344.34
6147	352020. 57	269796. 14	6172	352311.97	270157.03	6197	352789.80	270267.39	6222	353296.84	270354.74
6148	352026. 41	269815. 27	6173	352328.96	270165.29	6198	352809.57	270270.43	6223	353341.01	270386.37

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	Coord	linates	- 1	Coord	linates		Coord	linates		Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)
6224	353358. 57	270396.77	6249	353791.33	270527.16	6274	354252.63	270334.62	6299	354701.77	270123.01
6225	353375. 87	270408.35	6250	353809.69	270519.52	6275	354271.09	270326.91	6300	354718.30	270112.14
6226	353392. 52	270420. 85	6251	353828.13	270511.82	6276	354289.55	270319.21	6301	354734.67	270101.03
6227	353408. 40	270434. 19	6252	353846.59	270504.12	6277	354308.00	270311.50	6302	354750.89	270089.69
6228	353423. 39	270447.97	6253	353865.05	270496.41	6278	354326.46	270303.80	6303	354766.94	270078.12
6229	353438. 03	270461.53	6254	353883.50	270488.71	6279	354344.91	270296.09	6304	354782.82	270066.32
6230	353452. 61	270474.77	6255	353901.96	270481.00	6280	354363.37	270288.39	6305	354798.53	270054.30
6231	353467. 35	270487.32	6256	353920.42	270473.30	6281	354381.83	270280.69	6306	354814.07	270042.05
6232	353482. 55	270498.94	6257	353938.87	270465.59	6282	354400.28	270272.98	6307	354829.43	270029.59
6233	353498. 38	270509.55	6258	353957.33	270457.89	6283	354418.74	270265.28	6308	354844.62	270016.90
6234	353514. 85	270519.15	6259	353975.79	270450.19	6284	354437.20	270257.57	6309	354859.62	270004.00
6235	353531. 88	270527.70	6260	353994.24	270442.48	6285	354455.64	270249.87	6310	354874.44	269990.88
6236	353549. 41	270535. 17	6261	354012.70	270434.78	6286	354474.06	270242.17	6311	354889.10	269977.54
6237	353567. 38	270541.54	6262	354031.16	270427.07	6287	354492.37	270234.40	6312	354903.68	269964.01
6238	353585. 71	270546.76	6263	354049.61	270419.37	6288	354510.55	270226.49	6313	354918.25	269950.37
6239	353604. 32	270550.84	6264	354068.07	270411.66	6289	354528.58	270218.34	6314	354932.84	269936.69
6240	353623. 16	270553.74	6265	354086.52	270403.96	6290	354546.49	270209.93	6315	354947.43	269923.01
6241	353642. 14	270555. 46	6266	354104.98	270396.25	6291	354564.28	270201.27	6316	354962.03	269909.32
6242	353661. 19	270555.99	6267	354123.44	270388.55	6292	354581.94	270192.35	6317	354976.73	269895.60
6243	353680. 24	270555. 33	6268	354141.89	270380.84	6293	354599.48	270183.18	6318	354991.71	269881.95
6244	353699. 21	270553.48	6269	354160.35	270373.14	6294	354616.88	270173.77	6319	355007.13	269868.56
6245	353718. 03	270550. 45	6270	354178.81	270365.44	6295	354634.14	270164.10	6320	355023.02	269855.62
6246	353736. 62	270546. 25	6271	354197.26	270357.73	6296	354651.27	270154.19	6321	355039.35	269843.23
6247	353754. 95	270540.88	6272	354215.72	270350.03	6297	354668.25	270144.04	6322	355056.08	269831.38
6248	353773. 12	270534. 42	6273	354234.18	270342.32	6298	354685.08	270133.64	6323	355073.19	269820.10

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Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)
6324	355090. 66	269809.39	6349	353791.33	269526.63	6374	355895.92	269195.85	6399	356253.31	268864.99
6325	355108. 41	269799.30	6350	353809.69	269513.42	6375	355912.01	269183.03	6400	356263.05	268848.11
6326	355126. 24	269789. 69	6351	353828.13	269500.20	6376	355928.29	269170.64	6401	356272.65	268830.86
6327		269780. 36	6352	353846.59	269486.97	6377	355944.57	269158.62	6402	356282.22	268813.44
6328		269771.10	6353	353865.05	269473.74	6378	355960.78	269146.77	6403	356291.67	268796.08
6329	355201. 49	269739. 10	6354	353883.50	269460.51	6379	355976.94	269134.98	6404	356300.72	268778.83
6330		269734. 47	6355	353901.96	269447.28	6380	355993.09	269123.19	6405	356309.20	268761.55
6331	355228. 08	269725, 22	6356	353920.42	269434.05	6381	356009.24	269111.40	6406	356317.08	268744.07
6332		269715.96	6357	353938.87	269420.82	6382	356025.40	269099.60	6407	356324.40	268726.28
6333		269706, 72	6358	353957.33	269407.59	6383	356041.54	269087.82	6408	356331.31	268708.09
6334	355281, 16	269697.50	6359	353975.79	269394.36	6384	356057.63	269076.07	6409	356338.03	268689.52
6335		269688. 27	6360	353994.24	269381.13	6385	356073.47	269064.34	6410	356344.73	268670.74
6336		269678. 81	6361	354012.70	269367.90	6386	356088.93	269052.49	6411	356351.45	268651.88
6337	355331. 55	269668. 82	6362	354031.16	269354.67	6387	356103.96	269040.35	6412	356358.26	268632.88
6338		269658. 18	6363	354049.61	269341.44	6388	356118.60	269027.81	6413	356365.44	268613.65
6339	355363. 91	269647. 03	6364	354068.07	269328.22	6389	356132.89	269014.85	6414	356373.32	268594.30
6340		269635.66	6365	354086.52	269314.98	6390	356146.80	269001.49	6415	356382.08	268575.12
6341	355396. 56	269624. 27	6366	354104.98	269301.76	6391	356160.32	268987.74	6416	356391.69	268556.34
6342	355412. 67	269612. 85	6367	354123.44	269288.53	6392	356173.44	268973.61	6417	356402.05	268538.10
6343		269601.28	6368	354141.89	269275.30	6393	356186.15	268959.11	6418	356412.87	268520.50
6344	355444. 18	269589, 49	6369	354160.35	269262.07	6394	356198.45	268944.25	6419	356423.81	268503.42
6345	355459. 61	269577. 44	6370	354178.81	269248.84	6395	356210.31	268929.04	6420	356434.69	268486.58
6346		269565, 14	6371	354197.26	269235.60	6396	356221.74	268913.51	6421	356445.55	268469.78
6347	355489. 90	269552, 56	6372	354215.72	269222.31	6397	356232.71	268897.65	6422	356456.40	268452.98
6348		269539.71	6373	354234.18	269209.02	6398	356243.23	268881.49	6423	356467.28	268436.15

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Police	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
6424	356478. 35	268419.14	6449	356919.01	268191.39	6474	357369.66	267929.10	6499	357773.94	268186.13
6425	356490. 05	268401.96	6450	356935.03	268181.56	6475	357390.40	267926.25	6500	357784.43	268203.09
6426	356502. 72	268384. 93	6451	356951.02	268170.83	6476	357411.28	267924.70	6501	357794.99	268219.98
6427	356516. 45	268368.50	6452	356967.19	268159.52	6477	357432.21	267924.46	6502	357805.64	268236.80
6428	356531, 10	268352, 87	6453	356983.52	268148.04	6478	357453.12	267925.52	6503	357816.40	268253.56
6429	356546, 62	268338, 09	6454	356999.88	268136.53	6479	357473.92	267927.89	6504	357827.24	268270.26
6430	356562. 96	268324. 23	6455	357016.24	268125.03	6480	357494.53	267931.56	6505	357838.19	268286.91
6431	356580. 06	268311.33	6456	357032.61	268113.53	6481	357514.87	267936.50	6506	357849.23	268303.50
6432	356597. 88	268299. 42	6457	357048.97	268102.03	6482	357534.86	267942.70	6507	357860.34	268320.09
6433	356616. 34	268288. 55	6458	357065.33	268090.53	6483	357554.43	267950.15	6508	357871.49	268336.69
6434	356635. 39	268278.75	6459	357081.69	268079.02	6484	357573.50	267958.80	6509	357882.64	268353.29
6435	356654. 98	268270.06	6460	357098.05	268067.52	6485	357591.98	267968.62	6510	357893.79	268369.89
6436	356675. 03	268262.50	6461	357114.41	268056.02	6486	357609.82	267979.58	6511	357904.94	268386.49
6437	356695. 42	268256.11	6462	357130.35	268044.81	6487	357626.94	267991.63	6512	357916.10	268403.10
6438	356715. 84	268250. 88	6463	357177.43	268023.94	6488	357643.27	268004.73	6513	357938.40	268436.30
6439	356735. 93	268246. 44	6464	357185.61	268018.19	6489	357658.75	268018.82	6514	357949.55	268452.90
6440	356755. 68	268242. 34	6465	357201.97	268006.68	6490	357673.32	268033.85	6515	357960.70	268469.51
6441	356775. 27	268238. 29	6466	357218.41	267995.14	6491	357686.93	268049.76	6516	357971.86	268486.11
6442	356794. 82	268234. 24	6467	357235.18	267983.63	6492	357699.48	268066.44	6517	357983.01	268502.71
6443	356814. 12	268230. 19	6468	357252.61	267972.53	6493	357710.97	268083.59	6518	357994.16	268519.31
6444	356832. 86	268225. 87	6469	357270.82	267962.30	6494	357721.74	268100.81	6519	358005.32	268535.92
6445	356850. 98	268220. 90	6470	357289.68	267953.22	6495	357732.21	268117.94	6520	358016.49	268552.59
6446		268214.99	6471	357309.07	267945.32	6496	357742.64	268135.00	6521	358027.59	268569.45
6447	356885. 84	268208. 09	6472	357328.92	267938.66	6497	357753.07	268152.07	6522	358038.47	268586.57
6448	356902. 66	268200. 22	6473	357349.14	267933.24	6498	357763.50	268169.12	6523	358049.00	268603.96

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
6524	358059. 14	268621.58	6549	358267.32	269077.92	6574	358455.73	269540.93	6599	358664.22	269994.92
6525	358068. 89	268639.42	6550	358275.06	269096.42	6575	358463.64	269559.22	6600	358672.62	270013.07
6526	358078. 24	268657.48	6551	358282.74	269114.96	6576	358471.64	269577.47	6601	358681.03	270031.21
6527	358087. 17	268675.71	6552	358290.33	269133.52	6577	358479.73	269595.68	6602	358689.43	270049.36
6528	358095, 73	268694.03	6553	358297.85	269152.10	6578	358487.91	269613.85	6603	358697.84	270067.53
6529	358104, 05	268712.32	6554	358305.33	269170.65	6579	358496.18	269631.98	6604	358706.23	270085.79
6530	358112. 29	268730. 57	6555	358312.81	269189.20	6580	358504.55	269650.09	6605	358714.49	270104.23
6531	358120. 52	268748.79	6556	358320.29	269207.75	6581	358512.95	269668.24	6606	358722.46	270122.87
6532	358128. 75	268767.02	6557	358327.77	269226.30	6582	358521.36	269686.39	6607	358730.05	270141.65
6533	358136. 98	268785. 25	6558	358335.25	269244.85	6583	358529.76	269704.54	6608	358737.34	270160.46
6534	358145. 21	268803. 48	6559	358342.74	269263.39	6584	358538.17	269722.68	6609	358744.45	270179.22
6535	358153. 45	268821.71	6560	358350.22	269281.94	6585	358546.57	269740.83	6610	358751.51	270197.93
6536	358161, 68	268839, 93	6561	358357.70	269300.49	6586	358554.97	269758.98	6611	358758.58	270216.64
6537	358169. 91	268858, 16	6562	358365.18	269319.04	6587	358563.38	269777.13	6612	358765.65	270235.35
6538	358178. 14	268876.39	6563	358372.66	269337.59	6588	358571.78	269795.28	6613	358772.71	270254.06
6539	358186, 37	268894.62	6564	358380.14	269356.14	6589	358580.18	269813.43	6614	358779.78	270272.77
6540	358194, 60	268912.84	6565	358387.62	269374.68	6590	358588.59	269831.58	6615	358786.89	270291.59
6541	358202, 83	268931.07	6566	358395.10	269393.23	6591	358596.99	269849.73	6616	358793.79	270310.71
6542	358211. 07	268949. 30	6567	358402.58	269411.78	6592	358605.39	269867.87	6617	358800.17	270330.11
6543	358219, 30	268967.56	6568	358410.06	269430.33	6593	358613.80	269886.02	6618	358805.99	270349.69
6544	358227. 49	268985.87	6569	358417.54	269448.87	6594	358622.20	269904.17	6619	358811.23	270369.36
6545	358235, 60	269004.21	6570	358425.02	269467.39	6595	358630.61	269922.32	6620	358816.05	270388.93
6546		269022. 59	6571	358432.56	269485.83	6596	358639.01	269940.47	6621	358820.82	270408.35
6547	358251, 61	269041.00	6572	358440.19	269504.24	6597	358647.41	269958.62	6622	358825.59	270427.78
6548		269059. 44	6573	358447.92	269522.61	6598	358655.82	269976.77	6623	358830.36	270447.20

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
6624	358835. 13	270466.62	6649	358959.14	270971.62	6674	359272.36	271293.67	6699	359767.76	271252.84
6625	358839. 90	270486.05	6650	358963.91	270991.04	6675	359290.95	271293.60	6700	359787.68	271251.10
6626	358844. 67	270505. 47	6651	358968.68	271010.47	6676	359309.96	271292.57	6701	359807.61	271249.37
6627	358849. 44	270524.89	6652	358973.45	271029.89	6677	359329.49	271290.98	6702	359827.53	271247.63
6628	358854. 21	270544. 31	6653	358978.20	271049.27	6678	359349.34	271289.26	6703	359847.46	271245.90
6629	358858. 98	270563.74	6654	358983.04	271068.41	6679	359369.26	271287.52	6704	359867.38	271244.17
6630	358863. 75	270583. 16	6655	358988.31	271087.09	6680	359389.19	271285.79	6705	359887.30	271242.43
6631	358868. 52	270602.58	6656	358994.43	271105.23	6681	359409.11	271284.05	6706	359907.23	271240.70
6632	358873. 29	270622.01	6657	359001.64	271122.88	6682	359429.04	271282.32	6707	359927.16	271238.96
6633	358882. 83	270660.85	6658	359009.94	271140.04	6683	359448.96	271280.59	6708	359947.08	271237.23
6634	358887. 59	270680. 28	6659	359019.29	271156.65	6684	359468.89	271278.85	6709	359967.00	271235.50
6635	358892. 36	270699. 70	6660	359029.66	271172.64	6685	359488.81	271277.12	6710	359986.93	271233.76
6636	358897. 13	270719.12	6661	359041.00	271187.95	6686	359508.74	271275.38	6711	360006.85	271232.03
6637	358901.90	270738.55	6662	359053.59	271202.88	6687	359528.66	271273.65	6712	360026.97	271230.29
6638	358906. 67	270757.97	6663	359087.01	271221.67	6688	359548.59	271271.91	6713	360047.55	271228.80
6639	358911. 44	270777.39	6664	359101.31	271233.31	6689	359568.51	271270.18	6714	360068.72	271228.05
6640	358916. 21	270796.81	6665	359116.31	271244.02	6690	359588.44	271268.45	6715	360090.21	271228.53
6641	358920. 98	270816. 24	6666	359131.94	271253.79	6691	359608.36	271266.71	6716	360111.69	271230.36
6642	358925. 75	270835.66	6667	359148.16	271262.55	6692	359628.28	271264.98	6717	360133.02	271233.53
6643	358930. 52	270855.08	6668	359164.89	271270.29	6693	359648.21	271263.24	6718	360154.11	271238.02
6644	358935. 29	270874.51	6669	359182.08	271276.96	6694	359668.13	271261.51	6719	360174.87	271243.82
6645	358940.06	270893.93	6670	359199.64	271282.55	6695	359688.06	271259.77	6720	360195.23	271250.90
6646	358944. 83	270913.35	6671	359217.52	271287.03	6696	359707.98	271258.04	6721	360215.12	271259.25
6647	358949. 60	270932.78	6672	359235.65	271290.38	6697	359727.91	271256.31	6722	360234.44	271268.81
6648	358954. 37	270952. 20	6673	359253.95	271292.60	6698	359747.83	271254.57	6723	360253.12	271279.57

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
6724	360271.05	271291.44	6749	360699.04	271579.37	6774	361159.12	271687.59	6799	361568.72	271968.55
6725	360288. 03	271304. 17	6750	360716.67	271588.10	6775	361178.95	271690.59	6800	361582.07	271983.55
6726	360295. 98	271310.62	6751	360725.49	271592.24	6776	361198.97	271693.79	6801	361595.35	271998.54
6727	360328. 47	271350. 69	6752	360734.37	271596.27	6777	361219.22	271697.63	6802	361608.61	272013.51
6728	360343, 79	271363. 54	6753	360752.42	271604.04	6778	361239.48	271702.58	6803	361621.87	272028.48
6729	360359, 06	271376. 34	6754	360770.62	271611.30	6779	361259.47	271708.81	6804	361635.13	272043.45
6730	360374. 33	271388. 90	6755	360789.02	271618.07	6780	361279.02	271716.27	6805	361648.40	272058.42
6731	360389. 73	271401.03	6756	360807.58	271624.35	6781	361298.08	271724.95	6806	361661.65	272073.37
6732	360405. 43	271412.62	6757	360826.31	271630.13	6782	361316.55	271734.79	6807	361674.88	272088.24
6733	360421.50	271423. 67	6758	360845.19	271635.41	6783	361334.38	271745.77	6808	361688.18	272102.85
6734	360437. 94	271434. 18	6759	360864.19	271640.19	6784	361351.48	271757.83	6809	361701.71	272117.11
6735	360454. 77	271444. 22	6760	360883.32	271644.45	6785	361367.71	271770.85	6810	361715.56	272131.00
6736	360471, 97	271453, 98	6761	360902.58	271648.22	6786	361383.10	271784.41	6811	361729.77	272144.52
6737	360489. 39	271463.67	6762	360922.02	271651.54	6787	361397.95	271798.09	6812	361744.34	272157.70
6738	360506. 87	271473. 37	6763	360941.64	271654.60	6788	361412.63	271811.72	6813	361759.26	272170.60
6739	360524. 36	271483. 07	6764	360961.38	271657.60	6789	361427.30	271825.33	6814	361774.47	272183.40
6740	360541. 84	271492. 78	6765	360981.15	271660.60	6790	361441.99	271839.01	6815	361789.80	272196.19
6741	360559. 33	271502. 49	6766	361000.93	271663.60	6791	361456.61	271852.86	6816	361805.15	272209.01
6742	360576. 82	271512. 19	6767	361020.70	271666.60	6792	361471.10	271866.85	6817	361820.51	272221.82
6743	360594. 30	271521. 90	6768	361040.47	271669.59	6793	361485.46	271880.98	6818	361835.89	272234.66
6744	360611.79	271531.61	6769	361060.25	271672.59	6794	361499.68	271895.24	6819	361851.27	272247.62
6745	360629. 28	271541.31	6770	361080.02	271675.59	6795	361513.77	271909.64	6820	361866.54	272260.76
6746		271551.02	6771	361099.79	271678.59	6796	361527.72	271924.17	6821	361881.69	272274.06
6747	360664. 21	271560. 70	6772	361119.57	271681.59	6797	361541.53	271938.83	6822	361896.70	272287.50
6748	360681.61	271570. 21	6773	361139.34	271684.59	6798	361555.19	271953.63	6823	361911.57	272301.09

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n i .	Coord	linates		Coord	dinates		Coord	linates		Coord	dinates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
6824	361926. 28	272314.80	6849	362332.25	272546.91	6874	362762.43	272349.76	6899	363141.78	272022.37
6825		272328. 52	6850	362351.56	272544.37	6875	362776.83	272335.79	6900	363157.27	272009.72
6826	361955. 45	272342. 22	6851	362371.12	272541.33	6876	362791.32	272321.88	6901	363172.76	271997.07
6827	361970. 02	272355. 91	6852	362390.84	272538.19	6877	362805.90	272308.06	6902	363188.25	271984.41
6828	361984. 59	272369. 61	6853	362410.59	272535.04	6878	362820.55	272294.32	6903	363203.73	271971.76
6829	361999. 17	272383. 31	6854	362430.34	272531.89	6879	362835.28	272280.66	6904	363219.22	271959.11
6830		272397.00	6855	362450.09	272528.75	6880	362850.09	272267.10	6905	363234.71	271946.46
6831	362028. 32	272410. 70	6856	362469.84	272525.60	6881	362864.99	272253.62	6906	363250.20	271933.80
6832		272424. 40	6857	362489.52	272522.46	6882	362879.95	272240.22	6907	363265.69	271921.15
6833		272438. 09	6858	362508.93	272519.17	6883	362895.00	272226.91	6908	363281.18	271908.50
6834	362072, 00	272451, 75	6859	362527.89	272515.32	6884	362910.12	272213.69	6909	363296.67	271895.84
6835	362086. 47	272465. 15	6860	362546.39	272510.51	6885	362925.32	272200.56	6910	363312.16	271883.19
6836		272477. 89	6861	362564.50	272504.57	6886	362940.60	272187.52	6911	363327.65	271870.54
6837	362116, 14	272489. 70	6862	362582.20	272497.50	6887	362955.95	272174.56	6912	363343.13	271857.88
6838	362131. 84	272500. 50	6863	362599.43	272489.35	6888	362971.38	272161.70	6913	363358.62	271845.23
6839		272510.30	6864	362616.11	272480.13	6889	362986.87	272148.93	6914	363374.11	271832.58
6840		272519.06	6865	362632.19	272469.90	6890	363002.38	272136.25	6915	363389.60	271819.93
6841	362182. 55	272526. 75	6866	362647.60	272458.67	6891	363017.87	272123.60	6916	363405.08	271807.28
6842	362200. 44	272533. 33	6867	362662.35	272446.45	6892	363033.36	272110.94	6917	363420.48	271794.65
6843		272538. 78	6868	362676.68	272433.34	6893	363048.85	272098.29	6918	363435.72	271781.92
6844	362237, 27	272543. 09	6869	362690.90	272419.61	6894	363064.34	272085.64	6919	363450.83	271769.05
6845	362256. 07	272546. 22	6870	362705.18	272405.67	6895	363079.82	272072.98	6920	363465.81	271756.02
6846		272548. 17	6871	362719.49	272391.70	6896	363095.31	272060.33	6921	363480.65	271742.84
6847	362294. 07	272548. 94	6872	362733.79	272377.72	6897	363110.80	272047.68	6922	363495.36	271729.52
6848		272548. 51	6873	362748.10	272363.75	6898	363126.29	272035.03	6923	363509.94	271716.05

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
6924	363524. 39	271702. 43	6949	363836.64	271319.48	6974	364091.25	270842.90	6999	364394.88	270451.08
6925	363538. 70	271688.67	6950	363845.93	271302.29	6975	364104.23	270827.36	7000	364405.53	270434.15
6926	363552. 86	271674.77	6951	363854.67	271284.82	6976	364117.36	270811.95	7001	364416.17	270417.22
6927	363566. 89	271660.73	6952	363862.88	271267.09	6977	364130.65	270796.67	7002	364426.81	270400.28
6928	363580. 78	271646. 55	6953	363870.54	271249.12	6978	364144.04	270781.58	7003	364437.45	270383.35
6929	363594. 53	271632, 23	6954	363877.65	271230.89	6979	364157.40	270766.63	7004	364448.12	270366.38
6930	363608. 13	271617.77	6955	363884.29	271212.38	6980	364170.74	270751.73	7005	364458.94	270349.29
6931	363621. 59	271603. 18	6956	363890.67	271193.61	6981	364184.07	270736.82	7006	364470.17	270332.13
6932	363634. 89	271588. 45	6957	363897.00	271174.62	6982	364197.40	270721.91	7007	364481.94	270315.10
6933	363648.06	271573.59	6958	363903.53	271155.50	6983	364210.68	270707.06	7008	364494.27	270298.39
6934	363661.07	271558. 60	6959	363917.56	271093.93	6984	364223.75	270692.26	7009	364507.10	270282.07
6935	363673. 93	271543. 48	6960	363926.49	271075.54	6985	364236.55	270677.35	7010	364520.43	270266.15
6936	363686. 64	271528. 23	6961	363936.26	271057.09	6986	364249.13	270662.27	7011	364534.17	270250.71
6937	363699. 20	271512.86	6962	363946.69	271038.99	6987	364261.49	270647.00	7012	364548.09	270235.77
6938	363711.60	271497.36	6963	363957.74	271021.29	6988	364273.63	270631.56	7013	364562.01	270221.17
6939	363723. 85	271481.74	6964	363969.32	271004.08	6989	364285.55	270615.95	7014	364575.85	270206.70
6940	363735. 94	271466.00	6965	363981.18	270987.39	6990	364297.25	270600.17	7015	364589.68	270192.25
6941	363747.87	271450. 14	6966	363993.06	270971.09	6991	364308.72	270584.23	7016	364603.50	270177.80
6942	363759. 64	271434. 15	6967	364004.88	270954.93	6992	364319.96	270568.12	7017	364617.33	270163.35
6943	363771. 27	271418. 03	6968	364016.73	270938.75	6993	364330.97	270551.85	7018	364631.16	270148.90
6944	363782. 84	271401.79	6969	364028.71	270922.51	6994	364341.75	270535.43	7019	364644.98	270134.45
6945	363794. 37	271385. 55	6970	364040.90	270906.34	6995	364352.35	270518.76	7020	364658.81	270120.00
6946	363805. 66	271369.32	6971	364053.25	270890.30	6996	364362.96	270501.88	7021	364672.64	270105.55
6947	363816. 51	271352. 98	6972	364065.75	270874.37	6997	364373.60	270484.95	7022	364686.46	270091.10
6948	363826. 84	271336. 38	6973	364078.42	270858.57	6998	364384.24	270468.02	7023	364700.29	270076.65

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Daine	Coore	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
7024	364714. 12	270062. 20	7049	365113.29	269752.05	7074	365609.31	269857.64	7099	366098.40	269949.25
7025	364727. 94	270047.75	7050	365134.72	269749.67	7075	365628.56	269862.90	7100	366117.37	269952.66
7026	364741.77	270033.30	7051	365156.25	269748.63	7076	365647.70	269868.04	7101	366136.39	269955.47
7027	364755. 60	270018.85	7052	365177.81	269748.94	7077	365666.72	269872.93	7102	366155.49	269957.70
7028	364769. 43	270004.39	7053	365199.31	269750.59	7078	365685.72	269877.46	7103	366174.67	269959.34
7029	364783. 25	269989.94	7054	365220.64	269753.59	7079	365704.77	269881.60	7104	366194.03	269960.43
7030	364797. 08	269975. 49	7055	365241.51	269757.82	7080	365723.91	269885.35	7105	366213.67	269961.15
7031	364810. 91	269961.04	7056	365261.70	269762.84	7081	365743.12	269888.73	7106	366233.56	269961.72
7032	364824. 73	269946. 59	7057	365281.28	269768.13	7082	365762.43	269891.73	7107	366253.54	269962.28
7033	364838. 56	269932.14	7058	365300.60	269773.40	7083	365781.94	269894.43	7108	366273.53	269962.83
7034	364852. 39	269917.69	7059	365319.90	269778.67	7084	365801.64	269896.99	7109	366293.53	269963.39
7035	364866. 21	269903. 24	7060	365339.19	269783.93	7085	365821.45	269899.53	7110	366313.53	269963.95
7036	364880. 04	269888.79	7061	365358.49	269789.20	7086	365841.29	269902.07	7111	366333.70	269964.54
7037	364893. 90	269874.31	7062	365377.78	269794.46	7087	365861.13	269904.61	7112	366354.21	269965.41
7038	364908. 01	269859.67	7063	365397.08	269799.73	7088	365881.02	269907.16	7113	366375.06	269966.91
7039	364922.83	269844. 98	7064	365416.37	269804.99	7089	365901.02	269909.80	7114	366396.01	269969.31
7040	364938. 67	269830.68	7065	365435.66	269810.26	7090	365921.13	269912.66	7115	366416.85	269972.64
7041	364955. 52	269817. 24	7066	365454.96	269815.52	7091	365941.28	269915.85	7116	366437.53	269976.90
7042	364973. 18	269804.88	7067	365474.25	269820.79	7092	365961.39	269919.37	7117	366457.99	269982.07
7043	364991. 58	269793.65	7068	365493.55	269826.05	7093	365981.44	269923.23	7118	366478.21	269988.15
7044	365010. 65	269783. 58	7069	365512.84	269831.32	7094	366001.39	269927.41	7119	366498.14	269995.11
7045	365030. 31	269774.73	7070	365532.14	269836.58	7095	366021.16	269931.84	7120	366517.73	270002.96
7046	365050. 48	269767.13	7071	365551.43	269841.85	7096	366040.76	269936.39	7121	366536.96	270011.67
7047	365071.09	269760.79	7072	365570.73	269847.11	7097	366060.18	269940.92	7122	366555.79	270021.23
7048	365092.05	269755. 76	7073	365590.02	269852.38	7098	366079.39	269945.29	7123	366574.17	270031.61

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Point	Coord	linates	Point	Coord	dinates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
7124	366592. 07	270042.80	7149	366936.19	270413.61	7174	367248.53	270805.39	7199	367544.91	271203.20
7125	366609. 45	270054.77	7150	366948.73	270429.18	7175	367260.44	270821.70	7200	367558.67	271217.70
7126	366626. 29	270067.50	7151	366961.28	270444.76	7176	367272.22	270838.10	7201	367572.44	271232.21
7127	366642. 50	270080.93	7152	366973.82	270460.33	7177	367283.88	270854.59	7202	367586.21	271246.72
7128	366657. 97	270094. 82	7153	366986.37	270475.91	7178	367295.41	270871.16	7203	367599.97	271261.23
7129	366672. 82	270108. 80	7154	366998.92	270491.48	7179	367306.80	270887.82	7204	367613.74	271275.73
7130	366687. 34	270122. 69	7155	367011.46	270507.06	7180	367318.06	270904.50	7205	367627.50	271290.24
7131	366701.81	270136.53	7156	367024.01	270522.63	7181	367329.21	270921.15	7206	367641.27	271304.75
7132	366716. 43	270150.54	7157	367036.56	270538.21	7182	367340.34	270937.80	7207	367655.03	271319.26
7133	366730. 99	270165.04	7158	367049.10	270553.78	7183	367351.45	270954.43	7208	367668.80	271333.77
7134	366745. 23	270179.95	7159	367061.65	270569.36	7184	367362.56	270971.06	7209	367682.57	271348.28
7135	366759. 10	270195. 22	7160	367074.20	270584.93	7185	367373.67	270987.69	7210	367696.33	271362.79
7136	366772. 58	270210.82	7161	367086.74	270600.51	7186	367384.77	271004.30	7211	367710.10	271377.29
7137	366785. 55	270226.61	7162	367099.29	270616.08	7187	367395.85	271020.81	7212	367723.86	271391.80
7138	366798. 17	270242. 28	7163	367111.83	270631.66	7188	367406.97	271037.11	7213	367737.63	271406.31
7139	366810.72	270257.85	7164	367124.38	270647.24	7189	367418.25	271053.17	7214	367751.40	271420.82
7140	366823. 27	270273. 43	7165	367136.93	270662.81	7190	367429.76	271069.01	7215	367765.16	271435.33
7141	366835. 81	270289.00	7166	367149.47	270678.39	7191	367441.55	271084.65	7216	367778.93	271449.84
7142	366848. 36	270304.58	7167	367162.02	270693.96	7192	367453.59	271100.09	7217	367792.69	271464.35
7143	366860. 91	270320. 16	7168	367174.59	270709.58	7193	367465.88	271115.34	7218	367806.46	271478.86
7144	366873. 45	270335.73	7169	367187.15	270725.28	7194	367478.43	271130.37	7219	367820.22	271493.36
7145	366886.00	270351.31	7170	367199.66	270741.10	7195	367491.23	271145.19	7220	367833.99	271507.87
7146	366898. 55	270366. 88	7171	367212.06	270757.03	7196	367504.28	271159.81	7221	367847.78	271522.41
7147	366911.09	270382. 46	7172	367224.34	270773.06	7197	367517.61	271174.28	7222	367861.65	271537.11
7148	366923. 64	270398. 03	7173	367236.50	270789.18	7198	367531.19	271188.72	7223	367875.49	271552.20

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n i .	Coord	linates		Coord	dinates	D	Coord	linates		Coord	dinates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)
7224	367889. 10	271567.79	7249	368210.74	271935.55	7274	368642.70	272196.88	7299	368999.95	272498.09
7225	367902. 26	271583. 84	7250	368227.29	271945.43	7275	368657.23	272212.63			
7226	367914. 87	271600.17	7251	368244.43	271955.11	7276	368670.74	272229.05			
7227	367926. 98	271616. 57	7252	368261.85	271964.91	7277	368683.26	272245.75			
7228		271632. 88	7253	368279.28	271974.71	7278	368695.08	272262.33			
7229		271649. 10	7254	368296.71	271984.52	7279	368706.64	272278.72			
7230		271665. 32	7255	368314.14	271994.33	7280	368718.17	272295.06			
7231	367973. 93	271681.53	7256	368331.57	272004.14	7281	368729.70	272311.41			
7232		271697.74	7257	368349.00	272013.94	7282	368741.23	272327.75			
7233		271713. 95	7258	368366.43	272023.75	7283	368752.74	272344.07			
7234	368009, 06	271730. 16	7259	368383.86	272033.56	7284	368764.15	272360.16			
7235	368020. 77	271746. 38	7260	368401.29	272043.37	7285	368775.57	272375.62			
7236		271762. 59	7261	368418.72	272053.18	7286	368787.32	272390.17			
7237	368044. 13	271778.72	7262	368436.15	272062.98	7287	368799.76	272403.80			
7238		271794. 43	7263	368453.58	272072.79	7288	368813.01	272416.62			
7239		271809. 52	7264	368471.01	272082.60	7289	368827.04	272428.58			
7240		271824. 18	7265	368488.44	272092.41	7290	368841.79	272439.64			
7241	368092. 68	271838. 43	7266	368505.87	272102.22	7291	368857.19	272449.76			
7242	368105. 96	271852. 25	7267	368523.30	272112.02	7292	368873.20	272458.90			
7243		271865. 62	7268	368540.81	272121.88	7293	368889.75	272467.02			
7244		271878. 51	7269	368558.55	272132.05	7294	368906.78	272474.09			
7245		271890. 93	7270	368576.44	272142.98	7295	368924.25	272480.09			
7246		271902.86	7271	368594.07	272154.97	7296	368942.33	272485.14			
7247		271914. 28	7272	368611.07	272168.00	7297	368961.11	272489.58			
	368194. 63	271925. 18	7273	368627.30	272181.99	7298	368980.43	272493.83			

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Point	Coord	linates	Point	Coord	linates	Deine	Coord	linates	P-i	Coord	dinates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
7300	272498. 09	368999.95	7325	272457.98	369484.26	7350	272492.52	369986.82	7375	267159.28	342010.49
7301	272502. 36	369019.49	7326	272456.61	369504.71	7351	272494.53	370006.72	7376	272544.85	370504.18
7302	272506. 63	369039.03	7327	272455.66	369525.19	7352	272496.54	370026.61	7377	272546.86	370524.08
7303	272510. 83	369058.38	7328	272455.11	369545.68	7353	272498.56	370046.51	7378	272548.88	370543.97
7304	272514. 67	369077.34	7329	272454.97	369566.18	7354	272500.57	370066.41	7379	272550.89	370563.87
7305	272517. 70	369095.89	7330	272455.25	369586.68	7355	272502.58	370086.31	7380	272552.90	370583.77
7306	272519. 61	369114.28	7331	272455.93	369607.17	7356	272504.59	370106.21	7381	272554.92	370603.67
7307	272520. 38	369132.70	7332	272457.02	369627.64	7357	272506.61	370126.11	7382	272556.93	370623.57
7308	272519. 99	369151.13	7333	272458.52	369648.04	7358	272508.62	370146.00	7383	272558.94	370643.47
7309	272518. 44	369169.50	7334	272460.34	369668.27	7359	272510.63	370165.90	7384	272560.95	370663.36
7310	272515. 75	369187.84	7335	272462.32	369688.31	7360	272512.65	370185.80	7385	272562.97	370683.26
7311	272511. 98	369206.37	7336	272464.34	369708.24	7361	272514.66	370205.70	7386	272564.98	370703.16
7312	272507. 48	369225. 31	7337	272466.35	369728.14	7362	272516.67	370225.60	7387	272566.99	370723.06
7313	272502. 70	369244.61	7338	272468.36	369748.04	7363	272518.68	370245.50	7388	272569.01	370742.96
7314	272497. 89	369264.01	7339	272470.37	369767.93	7364	272520.70	370265.40	7389	272571.02	370762.86
7315	272493. 08	369283. 43	7340	272472.39	369787.83	7365	272522.71	370285.29	7390	272573.03	370782.75
7316	272488. 25	369302.91	7341	272474.40	369807.73	7366	272524.72	370305.19	7391	272575.04	370802.65
7317	272483. 49	369322.56	7342	272476.41	369827.63	7367	272526.73	370325.09	7392	272577.06	370822.55
7318	272478. 93	369342. 43	7343	272478.43	369847.53	7368	272528.75	370344.99	7393	272579.07	370842.45
7319	272474. 73	369362.48	7344	272480.44	369867.43	7369	272530.76	370364.89	7394	272581.08	370862.35
7320	272470. 93	369382.62	7345	272482.45	369887.32	7370	272532.77	370384.79	7395	272583.10	370882.25
7321	272467. 52	369402.84	7346	272484.46	369907.22	7371	272534.79	370404.68	7396	272585.11	370902.15
7322	272464. 53	369423.12	7347	272486.48	369927.12	7372	272536.80	370424.58	7397	272587.12	370922.04
7323	272461.94	369443. 45	7348	272488.49	369947.02	7373	272538.81	370444.48	7398	272589.13	370941.94
7324	272459. 75	369463.83	7349	272490.50	369966.92	7374	272540.82	370464.38	7399	272591.15	370961.84

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
7400	272593. 16	370981.74	7425	272643.48	371479.20	7450	272693.80	371976.66	7475	266799.36	343028.53
7401	272595. 17	371001.64	7426	272645.50	371499.10	7451	272695.82	371996.56	7475	272770.46	372492.66
7402	272597. 19	371021.54	7427	272647.51	371519.00	7452	272697.83	372016.46	7476	272774.68	372512.33
7403	272599. 20	371041.44	7428	272649.52	371538.89	7453	272699.84	372036.36	7477	272779.06	372531.97
7404	272601. 21	371061.33	7429	272651.53	371558.79	7454	272701.85	372056.26	7478	272783.60	372551.57
7405	272603. 22	371081.23	7430	272653.55	371578.69	7455	272702.86	372066.21	7479	272788.29	372571.13
7406	272605. 24	371101.13	7431	272655.56	371598.59	7456	272717.84	372114.94	7480	272793.14	372590.66
7407	272607. 25	371121.03	7432	272657.57	371618.49	7457	272719.86	372134.84	7481	272798.15	372610.15
7408	272609. 26	371140. 93	7433	272659.59	371638.39	7458	272721.87	372154.74	7482	272803.31	372629.59
7409	272611. 28	371160.83	7434	272661.60	371658.29	7459	272723.88	372174.64	7483	272808.63	372649.00
7410	272613. 29	371180.72	7435	272663.61	371678.18	7460	272725.89	372194.54	7484	272814.10	372668.35
7411	272615. 30	371200.62	7436	272665.62	371698.08	7461	272727.91	372214.45	7485	272819.69	372687.63
7412	272617. 31	371220. 52	7437	272667.64	371717.98	7462	272729.97	372234.40	7486	272825.33	372706.85
7413	272619. 33	371240. 42	7438	272669.65	371737.88	7463	272732.14	372254.38	7487	272830.99	372726.05
7414	272621.34	371260.32	7439	272671.66	371757.78	7464	272734.45	372274.36	7488	272836.65	372745.22
7415	272623. 35	371280. 22	7440	272673.68	371777.68	7465	272736.93	372294.33	7489	272842.26	372764.35
7416	272625. 37	371300. 12	7441	272675.69	371797.58	7466	272739.57	372314.27	7490	272847.71	372783.44
7417	272627.38	371320.01	7442	272677.70	371817.47	7467	272742.37	372334.20	7491	272852.92	372802.54
7418	272629. 39	371339. 91	7443	272679.71	371837.37	7468	272745.32	372354.10	7492	272857.82	372821.69
7419	272631.40	371359.81	7444	272681.73	371857.27	7469	272748.44	372373.98	7493	272862.43	372840.91
7420	272633. 42	371379.71	7445	272683.74	371877.17	7470	272751.71	372393.83	7494	272864.59	372850.56
7421	272635. 43	371399. 61	7446	272685.75	371897.07	7471	272755.15	372413.65	7495	272864.64	372900.79
7422	272637. 44	371419. 51	7447	272687.76	371916.97	7472	272758.74	372433.45	7496	272868.03	372920.11
7423	272639. 46	371439. 40	7448	272689.78	371936.87	7473	272762.49	372453.22	7497	272871.13	372939.48
7424	272641. 47	371459. 30	7449	272691.79	371956.76	7474	272766.39	372472.95	7498	272873.92	372958.89

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	linates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
7500	272878. 62	372997.84	7525	272864.83	373492.05	7550	272822.16	373990.22	7575	266448.93	343954.31
7501	272880. 52	373017. 36	7526	272863.12	373511.98	7551	272820.45	374010.15	7575	272688.57	374447.50
7502	272882. 11	373036. 91	7527	272861.42	373531.90	7552	272818.74	374030.08	7576	272677.46	374464.13
7503	272883. 41	373056, 48	7528	272859.71	373551.83	7553	272817.03	374050.01	7577	272666.30	374480.81
7504	272884. 40	373076.07	7529	272858.00	373571.76	7554	272815.33	374069.93	7578	272655.17	374497.66
7505	272885, 10	373095, 68	7530	272856.30	373591.68	7555	272813.62	374089.86	7579	272644.18	374514.67
7506	272885. 49	373115, 29	7531	272854.59	373611.61	7556	272811.91	374109.79	7580	272633.36	374531.78
7507	272885. 59	373134. 97	7532	272852.88	373631.54	7557	272810.21	374129.71	7581	272622.71	374549.01
7508	272885. 47	373154.77	7533	272851.17	373651.46	7558	272808.50	374149.64	7582	272612.23	374566.34
7509	272885. 25	373174.70	7534	272849.47	373671.39	7559	272806.79	374169.54	7583	272601.93	374583.77
7510	272885, 01	373194, 68	7535	272847.76	373691.32	7560	272805.07	374189.23	7584	272591.80	374601.30
7511	272884. 78	373214.62	7536	272846.05	373711.25	7561	272803.05	374208.43	7585	272581.85	374618.94
7512	272884. 46	373234, 42	7537	272844.35	373731.17	7562	272800.37	374227.09	7586	272572.07	374636.67
7513	272883. 91	373254.04	7538	272842.64	373751.10	7563	272796.74	374245.37	7587	272562.47	374654.50
7514	272883. 01	373273.55	7539	272840.93	373771.03	7564	272792.10	374263.39	7588	272553.05	374672.43
7515	272881.73	373293. 10	7540	272839.23	373790.95	7565	272786.47	374281.12	7589	272543.81	374690.45
7516	272880. 17	373312. 79	7541	272837.52	373810.88	7566	272779.86	374298.52	7590	272534.75	374708.56
7517	272878. 49	373332. 65	7542	272835.81	373830.81	7567	272772.30	374315.52	7591	272525.88	374726.76
7518	272876. 78	373352. 56	7543	272834.10	373850.74	7568	272763.80	374332.09	7592	272517.19	374745.04
7519	272875. 07	373372.49	7544	272832.40	373870.66	7569	272754.31	374348.35	7593	272508.69	374763.33
7520	272873. 37	373392.41	7545	272830.69	373890.59	7570	272743.95	374364.59	7594	272500.24	374781.75
7521	272871.66	373412.34	7546	272828.98	373910.52	7571	272733.02	374381.02	7595	272491.97	374800.58
7522		373432. 27	7547	272827.28	373930.44	7572	272721.92	374397.62	7596	272484.16	374819.88
7523	272868. 25	373452. 19	7548	272825.57	373950.37	7573	272710.81	374414.25	7597	272477.03	374839.53
7524	272866. 54	373472. 12	7549	272823.86	373970.30	7574	272699.69	374430.88	7598	272470.61	374859.43

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	Coord	inates	- 1	Coord	linates		Coord	linates		Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
7600	272459. 96	374899. 86	7625	272477.35	375407.89	7650	272789.93	375820.55	7675	266044.21	344870.26
7601	272455. 75	374920. 34	7626	272513.08	375447.61	7651	272799.52	375838.11	7676	273042.71	376267.48
7602	272452. 28	374940. 95	7627	272518.98	375456.14	7652	272809.11	375855.66	7677	273046.14	376286.48
7603	272449. 57	374961.57	7628	272531.61	375472.60	7653	272818.70	375873.21	7678	273048.95	376305.92
7604	272447. 46	374981.98	7629	272545.05	375488.40	7654	272828.29	375890.76	7679	273051.55	376325.65
7605	272445. 67	375002.11	7630	272559.18	375503.46	7655	272837.88	375908.31	7680	273054.15	376345.48
7606	272443. 94	375022.06	7631	272573.71	375517.81	7656	272847.47	375925.86	7681	273056.75	376365.31
7607	272442. 21	375041.99	7632	272588.32	375531.71	7657	272857.09	375943.47	7682	273059.34	376385.14
7608	272440. 49	375061.91	7633	272602.88	375545.46	7658	272866.93	375961.12	7683	273061.94	376404.97
7609	272438. 76	375081.84	7634	272617.41	375559.20	7659	272877.17	375978.65	7684	273064.54	376424.80
7610	272437. 03	375101.76	7635	272631.87	375572.87	7660	272887.76	375995.97	7685	273067.14	376444.63
7611	272435. 31	375121.69	7636	272645.96	375586.55	7661	272898.69	376013.07	7686	273069.72	376464.41
7612	272433. 58	375141.61	7637	272659.33	375600.47	7662	272909.90	376029.88	7687	273072.18	376484.11
7613	272431. 86	375161.72	7638	272671.75	375614.99	7663	272921.16	376046.48	7688	273074.35	376503.75
7614	272430. 35	375182. 20	7639	272683.22	375630.21	7664	272932.39	376063.03	7689	273076.15	376523.37
7615	272429. 47	375203.16	7640	272693.78	375646.19	7665	272943.62	376079.58	7690	273077.56	376543.02
7616	272429. 57	375224.37	7641	272703.65	375662.91	7666	272954.85	376096.13	7691	273078.58	376562.75
7617	272430. 73	375245.58	7642	272713.23	375680.19	7667	272966.08	376112.68	7692	273079.35	376582.59
7618	272432. 95	375266.71	7643	272722.80	375697.70	7668	272977.30	376129.23	7693	273079.99	376602.53
7619	272436. 22	375287.71	7644	272732.38	375715.25	7669	272988.45	376145.69	7694	273080.62	376622.51
7620	272440. 54	375308.51	7645	272741.97	375732.80	7670	272999.22	376162.09	7695	273081.25	376642.50
7621	272445. 90	375329.08	7646	272751.57	375750.35	7671	273009.19	376178.59	7696	273081.88	376662.49
7622	272452. 27	375349.35	7647	272761.16	375767.90	7672	273018.10	376195.48	7697	273082.51	376682.50
7623	272459. 65	375369. 27	7648	272770.75	375785.45	7673	273025.93	376212.86	7698	273083.21	376702.67
7624	272468. 02	375388. 80	7649	272780.34	375803.00	7674	273032.65	376230.69	7699	273084.33	376723.09

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Point	Coord	linates		Coord	linates		Coord	linates		Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)
7700	273086. 32	376743.71	7725	273230.19	377221.24	7750	273238.91	377719.05	7775	273264.21	378198.44
7701	273089. 43	376764.30	7726	273232.77	377240.69	7751	273239.51	377739.14	7776	273264.86	378218.43
7702	273093. 69	376784.69	7727	273234.86	377260.20	7752	273240.25	377759.23	7777	273265.52	378238.42
7703	273099. 07	376804. 81	7728	273236.47	377279.76	7753	273241.13	377779.31	7778	273266.17	378258.40
7704	273105, 52	376824.53	7729	273237.59	377299.54	7754	273242.13	377799.39	7779	273266.83	378278.39
7705	273112. 77	376843.72	7730	273238.21	377318.99	7755	273243.27	377819.45	7780	273267.48	378298.38
7706		376862.46	7731	273238.39	377338.71	7756	273244.55	377839.48	7781	273268.14	378318.37
7707	273127. 98	376880. 99	7732	273238.29	377358.56	7757	273245.86	377859.46	7782	273268.79	378338.36
7708		376899. 49	7733	273238.08	377378.52	7758	273247.18	377879.41	7783	273269.44	378358.35
7709		376917. 98	7734	273237.87	377398.51	7759	273248.50	377899.37	7784	273270.10	378378.35
7710	273150, 80	376936, 45	7735	273237.65	377418.51	7760	273249.81	377919.33	7785	273270.76	378398.34
7711	273158. 29	376954.87	7736	273237.44	377438.51	7761	273251.13	377939.28	7786	273271.43	378418.34
7712	273165, 54	376973. 28	7737	273237.23	377458.51	7762	273252.45	377959.24	7787	273272.11	378438.34
7713	273172. 43	376991.75	7738	273237.01	377478.51	7763	273253.76	377979.18	7788	273272.81	378458.33
7714		377010. 34	7739	273236.80	377498.54	7764	273255.04	377999.10	7789	273273.51	378478.33
7715	273185. 10	377029.06	7740	273236.66	377518.59	7765	273256.25	378019.02	7790	273274.22	378498.32
7716		377047. 89	7741	273236.61	377538.66	7766	273257.40	378038.93	7791	273274.95	378518.32
7717	273196. 26	377066. 84	7742	273236.65	377558.73	7767	273258.48	378058.85	7792	273275.69	378538.31
7718	273201. 28	377085. 92	7743	273236.78	377578.80	7768	273259.49	378078.78	7793	273276.43	378558.31
7719		377105. 16	7744	273237.01	377598.85	7769	273260.43	378098.71	7794	273277.19	378578.30
7720		377124, 54	7745	273237.28	377618.87	7770	273261.31	378118.64	7795	273277.96	378598.29
7721	273215. 16	377143. 94	7746	273237.55	377638.87	7771	273262.13	378138.57	7796	273278.74	378618.29
7722	273219. 54	377163. 27	7747	273237.83	377658.87	7772	273262.87	378158.51	7797	273279.53	378638.28
7723	273223. 57	377182.55	7748	273238.10	377678.89	7773	273263.22	378168.47	7798	273280.33	378658.27
7724		377201.85	7749	273238.44	377698.96	7774	273263.56	378178.45	7799	273281.14	378678.26

VURRA - ARUA -ORABA ROAD PROJECT

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											30.2
D	Coord	linates		Coord	linates	7.	Coord	linates		Coore	dinates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
7800	273281. 96	378698. 25	7825	273305.94	379197.85	7850	273317.08	379677.20	7875	273343.77	380197.79
7801	273282. 79	378718. 24	7826	273307.00	379217.80	7851	273317.48	379697.19	7876	273345.80	380217.69
7802	273283. 63	378738. 23	7827	273307.99	379237.67	7852	273317.87	379717.19	7877	273347.83	380237.59
7803	273284. 49	378758. 22	7828	273308.39	379247.54	7853	273318.27	379737.19	7878	273349.85	380257.49
7804	273285. 35	378778. 21	7829	273308.72	379257.41	7854	273318.66	379757.18	7879	273351.88	380277.38
7805	273286. 23	378798. 20	7830	273309.18	379277.30	7855	273319.06	379777.18	7880	273353.90	380297.28
7806	273287. 11	378818. 19	7831	273309.57	379297.27	7856	273319.45	379797.17	7881	273355.93	380317.18
7807	273288. 01	378838. 18	7832	273309.97	379317.27	7857	273319.85	379817.20	7882	273357.96	380337.08
7808	273288. 91	378858.17	7833	273310.36	379337.26	7858	273320.34	379837.35	7883	273359.98	380356.97
7809	273289. 83	378878. 15	7834	273310.76	379357.26	7859	273320.74	379847.45	7884	273362.01	380376.87
7810	273290. 76	378898.14	7835	273311.15	379377.26	7860	273313.67	379898.52	7885	273364.03	380396.77
7811	273291. 70	378918. 12	7836	273311.55	379397.25	7861	273315.43	379919.01	7886	273366.06	380416.66
7812	273292. 65	378938.11	7837	273311.94	379417.25	7862	273317.43	379939.11	7887	273368.09	380436.56
7813	273293. 61	378958. 10	7838	273312.34	379437.24	7863	273319.46	379959.03	7888	273370.11	380456.46
7814	273294. 58	378978.08	7839	273312.73	379457.24	7864	273321.49	379978.93	7889	273372.14	380476.35
7815	273295. 56	378998.06	7840	273313.13	379477.24	7865	273323.51	379998.82	7890	273374.16	380496.25
7816	273296. 55	379018.05	7841	273313.53	379497.23	7866	273325.54	380018.72	7891	273376.19	380516.13
7817	273297. 56	379038.03	7842	273313.92	379517.23	7867	273327.57	380038.62	7892	273378.16	380535.89
7818	273298. 57	379058. 01	7843	273314.32	379537.22	7868	273329.59	380058.51	7893	273379.95	380555.57
7819	273299. 59	379077.99	7844	273314.71	379557.22	7869	273331.62	380078.41	7894	273381.54	380575.26
7820	273300. 63	379097.98	7845	273315.11	379577.22	7870	273333.64	380098.31	7895	273382.93	380594.96
7821	273301.67	379117.96	7846	273315.50	379597.21	7871	273335.67	380118.21	7896	273384.13	380614.67
7822	273302. 73	379137.94	7847	273315.90	379617.21	7872	273337.70	380138.10	7897	273385.12	380634.40
7823	273303. 80	379157. 91	7848	273316.29	379637.20	7873	273339.72	380158.00	7898	273385.92	380654.13
7824	273304. 87	379177.88	7849	273316.69	379657.20	7874	273341.75	380177.90	7899	273386.52	380673.87

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Point	Coord	linates	Point	Coord	dinates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
7900	273386. 93	380693.62	7925	273253.29	381150.62	7950	273108.93	381361.00	7975	272943.87	381548.49
7901	273387. 14	380713.39	7926	273248.17	381159.21	7951	273102.44	381368.46	7976	272937.26	381555.99
7902	273387. 20	380733. 29	7927	273243.04	381167.79	7952	273095.88	381375.92	7977	272930.65	381563.50
7903	273387. 23	380753. 16	7928	273237.92	381176.38	7953	273089.29	381383.41	7978	272924.04	381571.00
7904	273387. 10	380772.79	7929	273232.79	381184.97	7954	273082.68	381390.91	7979	272917.43	381578.50
7905	273386, 55	380792.12	7930	273227.67	381193.55	7955	273076.07	381398.42	7980	272910.82	381586.01
7906	273385. 41	380811.28	7931	273222.55	381202.12	7956	273069.46	381405.92	7981	272904.21	381593.51
7907	273383. 64	380830.36	7932	273217.44	381210.65	7957	273062.85	381413.42	7982	272897.60	381601.02
7908	273381. 23	380849.38	7933	273212.33	381219.11	7958	273056.24	381420.93	7983	272890.99	381608.52
7909	273378. 18	380868.30	7934	273207.20	381227.51	7959	273049.63	381428.43	7984	272884.38	381616.02
7910	273374. 51	380887.11	7935	273202.03	381235.83	7960	273043.02	381435.94	7985	272877.77	381623.53
7911	273370. 21	380905. 79	7936	273196.80	381244.08	7961	273036.41	381443.44	7986	272871.16	381631.03
7912	273365. 29	380924.31	7937	273191.50	381252.27	7962	273029.80	381450.94	7987	272864.55	381638.53
7913	273359. 76	380942.66	7938	273186.16	381260.34	7963	273023.19	381458.44	7988	272857.93	381646.04
7914	273353. 62	380960.82	7939	273175.08	381276.54	7964	273016.58	381465.95	7989	272851.33	381653.54
7915	273346. 88	380978.76	7940	273169.49	381284.46	7965	273009.97	381473.45	7990	272844.71	381661.04
7916	273339. 54	380996. 46	7941	273163.79	381292.37	7966	273003.36	381480.96	7991	272838.10	381668.55
7917	273331. 62	381013. 91	7942	273158.01	381300.22	7967	272996.75	381488.46	7992	272831.50	381676.05
7918	273323. 12	381031.09	7943	273152.15	381308.01	7968	272990.14	381495.96	7993	272824.88	381683.56
7919	273314. 02	381048.05	7944	273146.21	381315.74	7969	272983.53	381503.47	7994	272818.27	381691.06
7920	273304. 35	381064.95	7945	273140.20	381323.42	7970	272976.92	381510.97	7995	272811.66	381698.56
7921	273294. 27	381081.96	7946	273134.11	381331.03	7971	272970.31	381518.47	7996	272805.05	381706.06
7922	273284. 04	381099.10	7947	273127.94	381338.58	7972	272963.70	381525.98	7997	272798.44	381713.57
7923	273273. 79	381116. 27	7948	273121.69	381346.08	7973	272957.09	381533.48	7998	272791.83	381721.07
7924	273263. 54	381133. 45	7949	273115.36	381353.55	7974	272950.48	381540.99	7999	272785.22	381728.58

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P. 1	Coord	linates		Coord	dinates	7.	Coord	linates		Coore	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
8000	272778. 61	381736.08	8025	272606.75	381931.18	8050	272267.02	382228.76	8075	271857.49	382522.22
8001	272772. 00	381743.58	8026	272600.14	381938.68	8051	272250.32	382239.71	8076	271842.60	382536.89
8002	272765. 39	381751.09	8027	272593.53	381946.18	8052	272233.58	382250.67	8077	271828.25	382552.10
8003	272758. 78	381758.59	8028	272593.57	381946.13	8053	272216.86	382261.63	8078	271814.46	382567.82
8004	272752. 17	381766.09	8029	272580.37	381961.04	8054	272200.13	382272.59	8079	271801.25	382584.02
8005	272745. 56	381773.60	8030	272567.16	381975.73	8055	272183.40	382283.55	8080	271788.64	382600.70
8006	272738. 95	381781.10	8031	272553.83	381990.21	8056	272166.67	382294.51	8081	271776.64	382617.82
8007	272725. 73	381796.11	8032	272540.32	382004.50	8057	272149.94	382305.47	8082	271765.27	382635.37
8008	272719. 12	381803. 61	8033	272526.62	382018.61	8058	272133.21	382316.43	8083	271754.55	382653.32
8009	272712. 51	381811.12	8034	272512.73	382032.53	8059	272116.48	382327.39	8084	271744.49	382671.65
8010	272705. 90	381818. 62	8035	272498.65	382046.27	8060	272099.75	382338.35	8085	271735.10	382690.33
8011	272699. 29	381826. 12	8036	272484.40	382059.82	8061	272083.01	382349.32	8086	271726.40	382709.34
8012	272692. 68	381833. 63	8037	272469.97	382073.18	8062	272066.18	382360.37	8087	271718.42	382728.60
8013	272686. 07	381841. 13	8038	272455.36	382086.34	8063	272049.35	382371.66	8088	271711.12	382747.88
8014	272679. 46	381848.64	8039	272440.57	382099.31	8064	272032.63	382383.16	8089	271704.29	382766.99
8015	272672. 85	381856.14	8040	272425.61	382112.08	8065	272016.05	382394.85	8090	271697.63	382785.92
8016	272666. 24	381863.64	8041	272410.49	382124.65	8066	271999.60	382406.73	8091	271691.00	382804.79
8017	272659. 63	381871.15	8042	272395.20	382137.02	8067	271983.29	382418.79	8092	271684.37	382823.66
8018	272653. 02	381878. 65	8043	272379.74	382149.18	8068	271967.12	382431.05	8093	271677.74	382842.53
8019	272646. 41	381886. 15	8044	272364.12	382161.13	8069	271951.09	382443.49	8094	271671.10	382861.40
8020	272639. 80	381893.66	8045	272348.35	382172.88	8070	271935.22	382456.12	8095	271664.47	382880.27
8021	272633. 19	381901.16	8046	272332.42	382184.41	8071	271919.52	382468.90	8096	271657.84	382899.13
8022	272626. 58	381908.66	8047	272316.34	382195.73	8072	271903.99	382481.74	8097	271651.21	382918.00
8023	272619. 97	381916. 17	8048	272300.09	382206.85	8073	271888.43	382494.71	8098	271644.57	382936.87
8024	272613. 36	381923. 67	8049	272283.64	382217.83	8074	271872.85	382508.16	8099	271637.94	382955.74

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	Coord	linates	- 1	Coord	linates		Coord	linates		Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)
8100	271631. 31	382974.61	8125	271559.75	383470.52	8150	271457.53	383954.96	8175	271387.16	384453.19
8101	271624. 68	382993. 47	8126	271558.39	383489.84	8151	271452.94	383974.42	8176	271387.03	384473.19
8102	271618. 04	383012.34	8127	271556.55	383509.13	8152	271448.34	383993.89	8177	271386.91	384493.19
8103	271611. 41	383031.21	8128	271554.22	383528.36	8153	271443.74	384013.35	8178	271386.78	384513.19
8104	271604. 78	383050.08	8129	271551.42	383547.53	8154	271439.15	384032.81	8179	271386.66	384533.19
8105	271598. 15	383068.95	8130	271548.13	383566.63	8155	271434.55	384052.28	8180	271386.53	384553.19
8106	271591. 49	383087.92	8131	271544.36	383585.68	8156	271429.95	384071.74	8181	271386.41	384573.19
8107	271584. 89	383107. 21	8132	271540.16	383604.81	8157	271425.35	384091.21	8182	271386.28	384593.19
8108	271578. 62	383126. 98	8133	271535.67	383624.10	8158	271420.76	384110.67	8183	271386.15	384613.19
8109	271573. 02	383147.17	8134	271531.08	383643.53	8159	271416.16	384130.14	8184	271386.03	384633.19
8110	271568. 22	383167.61	8135	271526.49	383662.99	8160	271411.56	384149.62	8185	271385.90	384653.18
8111	271564. 25	383188. 23	8136	271521.89	383682.45	8161	271406.95	384169.23	8186	271385.78	384673.19
8112	271561. 10	383208.99	8137	271517.29	383701.92	8162	271402.49	384189.16	8187	271385.65	384693.18
8113	271558. 78	383229.86	8138	271512.70	383721.38	8163	271398.44	384209.45	8188	271385.53	384713.18
8114	271557. 30	383250.81	8139	271508.10	383740.85	8164	271395.03	384229.99	8189	271385.40	384733.06
8115	271556.66	383271.76	8140	271503.50	383760.31	8165	271392.30	384250.64	8190	271385.28	384753.18
8116	271556. 79	383292.51	8141	271498.91	383779.78	8166	271390.26	384271.37	8191	271385.15	384773.18
8117	271557. 40	383312.90	8142	271494.31	383799.24	8167	271388.91	384292.13	8192	271385.03	384793.18
8118	271558. 17	383333.00	8143	271489.71	383818.70	8168	271388.21	384312.75	8193	271384.90	384813.18
8119	271558. 95	383352.99	8144	271485.12	383838.17	8169	271387.92	384333.09	8194	271384.77	384833.18
8120	271559. 72	383372.95	8145	271480.52	383857.63	8170	271387.79	384353.18	8195	271384.65	384853.18
8121	271560. 44	383392.76	8146	271475.92	383877.10	8171	271387.66	384373.19	8196	271384.52	384873.18
8122	271560. 93	383412.36	8147	271471.32	383896.56	8172	271387.53	384393.19	8197	271384.40	384893.18
8123	271561. 02	383431.79	8148	271466.73	383916.03	8173	271387.41	384413.19	8198	271384.27	384913.18
8124	271560. 63	383451.16	8149	271462.13	383935.49	8174	271387.28	384433.19	8199	271384.15	384933.18

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Point	Coord	linates	Point	Coord	dinates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
8200	271384. 02	384953. 18	8225	268285.80	388037.46	8250	267915.50	388341.21	8275	267654.76	388764.90
8201	271383. 90	384973. 18	8226	268265.39	388037.91	8251	267905.99	388358.77	8276	267643.65	388781.68
8202	271383. 77	384993. 18	8227	268244.69	388039.06	8252	267896.45	388376.24	8277	267632.62	388798.55
8203	271383. 65	385013. 18	8228	268224.42	388040.73	8253	267886.85	388393.65	8278	267621.70	388815.50
8204	268706. 97	388031.86	8229	268204.49	388042.36	8254	267877.16	388411.00	8279	267610.91	388832.48
8205	268686, 81	388031, 36	8230	268184.56	388044.00	8255	267867.39	388428.31	8280	267600.21	388849.46
8206	268666.65	388031.00	8231	268164.03	388045.69	8256	267857.53	388445.56	8281	267589.56	388866.41
8207	268646. 48	388030. 78	8232	268141.78	388048.58	8257	267847.58	388462.77	8282	267578.92	388883.34
8208	268626. 32	388030. 69	8233	268118.94	388055.11	8258	267837.55	388479.92	8283	267568.28	388900.28
8209	268606. 15	388030. 73	8234	268097.32	388065.03	8259	267827.42	388497.03	8284	267557.64	388917.21
8210	268585. 99	388030. 91	8235	268077.45	388078.12	8260	267817.22	388514.08	8285	267547.00	388934.15
8211	268565. 85	388031. 22	8236	268059.80	388094.07	8261	267806.92	388531.08	8286	267536.36	388951.09
8212	268545. 77	388031.62	8237	268045.00	388112.22	8262	267796.54	388548.03	8287	267525.72	388968.02
8213	268525. 74	388032.06	8238	268033.46	388130.54	8263	267786.08	388564.92	8288	267515.08	388984.95
8214	268505. 74	388032.51	8239	268022.87	388147.76	8264	267775.53	388581.76	8289	267504.44	389001.89
8215	268485. 75	388032.96	8240	268012.38	388165.06	8265	267764.89	388598.55	8290	267493.80	389018.83
8216	268465. 75	388033. 41	8241	268002.06	388182.58	8266	267754.17	388615.28	8291	267483.16	389035.76
8217	268445. 76	388033.86	8242	267991.98	388200.24	8267	267743.37	388631.96	8292	267472.53	389052.70
8218	268425. 76	388034.31	8243	267982.16	388217.99	8268	267732.48	388648.59	8293	267461.89	389069.63
8219	268405. 77	388034.76	8244	267972.58	388235.69	8269	267721.50	388665.18	8294	267451.24	389086.57
8220	268385. 77	388035. 21	8245	267963.07	388253.28	8270	267710.43	388681.76	8295	267440.61	389103.50
8221	268365. 78	388035.66	8246	267953.55	388270.87	8271	267699.32	388698.35	8296	267435.29	389111.96
8222	268345. 78	388036.11	8247	267944.04	388288.46	8272	267688.18	388714.97	8297	267429.98	389120.42
8223	268325. 79	388036. 56	8248	267934.52	388306.05	8273	267677.05	388731.58	8298	267419.34	389137.32
8224	268305. 79	388037. 01	8249	267925.01	388323.64	8274	267665.91	388748.21	8299	267408.69	389154.16

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										·	C 01
D. C.	Coord	linates	200	Coord	linates		Coord	linates		Coore	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
8300	267397. 98	389170.94	8325	267109.53	389576.60	8350	266781.73	390005.72	8375	266457.45	390379.56
8301	267387. 22	389187.68	8326	267097.39	389592.49	8351	266769.58	390021.61	8376	266442.88	390392.91
8302	267376. 39	389204. 37	8327	267085.25	389608.38	8352	266757.44	390037.50	8377	266428.18	390406.11
8303	267365. 49	389221.02	8328	267073.11	389624.28	8353	266745.30	390053.40	8378	266413.35	390419.18
8304	267354. 52	389237. 63	8329	267060.97	389640.17	8354	266733.16	390069.29	8379	266398.40	390432.10
8305	267343. 49	389254. 19	8330	267048.83	389656.06	8355	266721.02	390085.18	8380	266383.33	390444.89
8306	267332. 39	389270. 71	8331	267036.68	389671.96	8356	266708.89	390101.06	8381	266368.18	390457.49
8307	267321. 22	389287. 18	8332	267024.54	389687.85	8357	266696.78	390116.87	8382	266337.35	390482.40
8308	267309. 99	389303. 61	8333	267012.40	389703.74	8358	266684.63	390132.55	8383	266321.82	390494.59
8309	267298. 70	389319.99	8334	267000.26	389719.64	8359	266672.39	390148.08	8384	266306.11	390506.74
8310	267287, 33	389336, 33	8335	266988.12	389735.53	8360	266660.01	390163.48	8385	266290.29	390518.88
8311	267275. 91	389352.62	8336	266975.98	389751.42	8361	266647.49	390178.77	8386	266274.42	390531.05
8312		389368.87	8337	266963.84	389767.32	8362	266634.82	390193.93	8387	266258.55	390543.21
8313	267252. 86	389385.07	8338	266951.70	389783.21	8363	266622.00	390208.98	8388	266242.67	390555.38
8314		389401. 22	8339	266939.56	389799.10	8364	266609.05	390223.90	8389	266226.80	390567.55
8315	267229. 55	389417. 33	8340	266927.42	389815.00	8365	266595.95	390238.70	8390	266210.93	390579.72
8316		389433.39	8341	266915.28	389830.89	8366	266582.71	390253.37	8391	266195.05	390591.89
8317	267205. 99	389449. 40	8342	266903.13	389846.78	8367	266569.33	390267.91	8392	266179.18	390604.05
8318	267194. 11	389465.37	8343	266890.99	389862.68	8368	266555.82	390282.33	8393	266163.31	390616.22
8319		389481. 29	8344	266878.85	389878.57	8369	266542.16	390296.62	8394	266147.44	390628.39
8320	267170. 15	389497.17	8345	266866.71	389894.46	8370	266528.38	390310.78	8395	266131.56	390640.56
8321	267158. 07	389513. 04	8346	266854.57	389910.36	8371	266514.45	390324.80	8396	266115.69	390652.72
8322		389528. 92	8347	266842.43	389926.25	8372	266500.40	390338.69	8397	266099.82	390664.89
8323	267133. 81	389544. 81	8348	266830.29	389942.14	8373	266486.21	390352.45	8398	266083.95	390677.06
8324		389560. 70	8349	266793.87	389989.82	8374	266471.90	390366.07	8399	266068.07	390689.23

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										1 45	C 02
P.14	Coord	linates		Coore	dinates	n : .	Coord	dinates	D.1.	Coore	dinates
Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
8400	266052. 20	390701.40	8425	265645.59	391025.70	8450	265259.59	391345.33	8475	264898.47	391690.80
8401	266036. 33	390713.56	8426	265629.72	391037.86	8451	265245.17	391359.19	8476	264883.83	391704.43
8402	266020. 45	390725. 73	8427	265613.85	391050.03	8452	265230.74	391373.04	8477	264869.19	391718.06
8403	266004. 58	390737.90	8428	265597.97	391062.20	8453	265216.32	391386.90	8478	264854.55	391731.69
8404	265988. 71	390750.07	8429	265582.10	391074.37	8454	265201.90	391400.76	8479	264839.91	391745.31
8405	265972. 84	390762.23	8430	265566.23	391086.53	8455	265187.48	391414.62	8480	264825.28	391758.94
8406	265956. 96	390774.40	8431	265550.36	391098.70	8456	265173.06	391428.47	8481	264810.64	391772.57
8407	265941.09	390786.57	8432	265534.48	391110.87	8457	265158.63	391442.33	8482	264796.00	391786.20
8408	265925. 22	390798.74	8433	265518.61	391123.04	8458	265144.21	391456.19	8483	264781.36	391799.82
8409	265909. 35	390810.91	8434	265502.74	391135.21	8459	265129.79	391470.04	8484	264766.72	391813.45
8410	265893. 47	390823.07	8435	265486.87	391147.37	8460	265115.37	391483.90	8485	264752.08	391827.08
8411	265877. 60	390835. 24	8436	265470.99	391159.54	8461	265100.95	391497.76	8486	264737.44	391840.71
8412	265861.73	390847.41	8437	265455.08	391171.74	8462	265086.53	391511.61	8487	264722.80	391854.33
8413	265853. 79	390853.49	8438	265439.18	391184.08	8463	265072.10	391525.47	8488	264708.17	391867.96
8414	265820. 19	390891.85	8439	265423.38	391196.65	8464	265057.68	391539.33	8489	264697.33	391878.05
8415	265804. 32	390904.02	8440	265407.75	391209.41	8465	265043.26	391553.18			
8416	265788. 45	390916.18	8441	265392.27	391222.36	8466	265028.84	391567.04			
8417	265772. 57	390928.35	8442	265376.95	391235.50	8467	265014.42	391580.90			
8418	265756. 70	390940.52	8443	265361.79	391248.82	8468	264999.99	391594.75			
8419	265740. 83	390952.69	8444	265346.79	391262.33	8469	264985.57	391608.61			
8420	265724. 96	390964.86	8445	265331.96	391276.02	8470	264971.16	391622.45			
8421	265709. 08	390977.02	8446	265317.32	391289.86	8471	264956.75	391636.24			
8422	265693. 21	390989. 19	8447	265302.85	391303.76	8472	264942.28	391649.93			
8423	265677.34	391001.36	8448	265288.43	391317.62	8473	264927.73	391663.56			
8424	265661. 47	391013. 53	8449	265274.01	391331.47	8474	264913.11	391677.18			

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										1 42	
D.:.	Coord	linates		Coore	dinates	n : .	Coord	linates	D.1.	Coor	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
8490	368989. 29	272546. 94	8515	369488.09	272507.84	8540	369981.78	272542.26	8565	370479.25	272592.58
8491	369008. 82	272551. 21	8516	369507.54	272506.54	8541	370001.68	272544.28	8566	370499.14	272594.60
8492	369028. 36	272555. 47	8517	369527.02	272505.63	8542	370021.58	272546.29	8567	370519.04	272596.61
8493	369048. 10	272559.77	8518	369546.52	272505.11	8543	370041.48	272548.30	8568	370538.94	272598.62
8494	369068. 35	272563. 86	8519	369566.01	272504.98	8544	370061.38	272550.31	8569	370558.84	272600.64
8495	369089. 27	272567. 28	8520	369585.51	272505.24	8545	370081.28	272552.33	8570	370578.74	272602.65
8496	369110. 65	272569. 51	8521	369605.00	272505.89	8546	370101.17	272554.34	8571	370598.64	272604.66
8497	369132. 20	272570. 40	8522	369624.47	272506.93	8547	370121.07	272556.35	8572	370618.54	272606.67
8498	369153. 75	272569. 94	8523	369643.97	272508.36	8548	370140.97	272558.37	8573	370638.43	272608.69
8499	369175. 23	272568. 14	8524	369663.57	272510.12	8549	370160.87	272560.38	8574	370658.33	272610.70
8500	369196. 46	272565. 02	8525	369683.34	272512.07	8550	370180.77	272562.39	8575	370678.23	272612.71
8501	369217. 13	272560. 81	8526	369703.21	272514.08	8551	370200.67	272564.40	8576	370698.13	272614.73
8502	369237, 10	272556, 07	8527	369723.10	272516.10	8552	370220.57	272566.42	8577	370718.03	272616.74
8503	369256. 63	272551. 23	8528	369743.00	272518.11	8553	370240.46	272568.43	8578	370737.93	272618.75
8504	369276. 05	272546. 42	8529		272520.12	8554	370260.36	272570.44	8579	370757.82	272620.77
8505	369295. 46	272541.61	8530	369782.80	272522.13	8555	370280.26	272572.46	8580	370777.72	272622.78
8506	369314. 81	272536. 82	8531	369802.70	272524.15	8556	370300.16	272574.47	8581	370797.62	272624.79
8507	369334, 03	272532. 15	8532	369822.60	272526.16	8557	370320.06	272576.48	8582	370817.52	272626.80
8508	369353, 15	272527.77	8533	369842.50	272528.17	8558	370339.96	272578.49	8583	370837.42	272628.82
8509	369372. 25	272523. 77	8534	369862.39	272530.19	8559	370359.85	272580.51	8584	370857.32	272630.83
8510	369391. 41	272520. 15	8535	369882.29	272532.20	8560	370379.75	272582.52	8585	370877.21	272632.84
8511	369410. 64	272516. 91	8536	2/0002 10	272534.21	8561	370399.65	272584.53	8586	370897.11	272634.86
8512	369429. 93	272514.06	8537	369922.09	272536.22	8562	370419.55	272586.55	8587	370917.01	272636.87
8513	369449. 27	272511.60	8538	369941.99	272538.24	8563	370439.45	272588.56	8588	370936.91	272638.88
8514		272509. 52	8539		272540.25	8564	370459.35	272590.57	8589	370956.81	272640.89

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
8590	370976. 71	272642.91	8615	371474.17	272693.23	8640	371971.63	272743.55	8665	372486.48	272799.82
8591	370996. 61	272644. 92	8616	371494.07	272695.24	8641	371991.53	272745.56	8666	372505.92	272803.99
8592	371016. 50	272646. 93	8617	371513.96	272697.25	8642	372011.43	272747.58	8667	372525.32	272808.32
8593	371036. 40	272648.95	8618	371533.87	272699.27	8643	372031.32	272749.59	8668	372544.69	272812.80
8594	371056, 30	272650.96	8619	371553.76	272701.28	8644	372051.22	272751.60	8669	372564.02	272817.44
8595	371076, 20	272652, 97	8620	371573.66	272703.29	8645	372061.17	272752.61	8670	372583.31	272822.23
8596	371096. 10	272654.98	8621	371593.56	272705.31	8646	372111.93	272747.69	8671	372602.57	272827.18
8597	371116.00	272657.00	8622	371613.46	272707.32	8647	372131.82	272749.70	8672	372621.78	272832.28
8598	371135. 89	272659. 01	8623	371633.36	272709.33	8648	372151.72	272751.72	8673	372640.96	272837.53
8599	371155. 79	272661.02	8624	371653.25	272711.34	8649	372171.62	272753.73	8674	372660.10	272842.94
8600	371175. 69	272663.04	8625	371673.15	272713.36	8650	372191.52	272755.74	8675	372679.23	272848.49
8601	371195. 59	272665.05	8626	371693.05	272715.37	8651	372211.40	272757.76	8676	372698.39	272854.12
8602	371215, 49	272667.06	8627	371712.95	272717.38	8652	372231.24	272759.81	8677	372717.56	272859.77
8603	371235. 39	272669.07	8628	371732.85	272719.40	8653	372251.03	272761.95	8678	372736.76	272865.43
8604	371255. 29	272671.09	8629	371752.75	272721.41	8654	372270.78	272764.24	8679	372756.01	272871.07
8605	371275. 18	272673.10	8630	371772.64	272723.42	8655	372290.51	272766.69	8680	372775.38	272876.61
8606	371295. 08	272675. 11	8631	371792.54	272725.43	8656	372310.22	272769.30	8681	372794.87	272881.92
8607	371314. 98	272677. 13	8632	371812.44	272727.45	8657	372329.91	272772.06	8682	372814.47	272886.94
8608	371334. 88	272679. 14	8633	371832.34	272729.46	8658	372349.57	272774.98	8683	372834.14	272891.66
8609	371354. 78	272681.15	8634	371852.24	272731.47	8659	372369.21	272778.06	8684	372844.02	272893.87
8610	371374. 68	272683. 16	8635	371872.14	272733.49	8660	372388.83	272781.29	8685	372891.76	272913.82
8611	371394. 57	272685. 18	8636	371892.04	272735.50	8661	372408.42	272784.69	8686	372911.84	272917.35
8612	371414. 47	272687.19	8637	371911.93	272737.51	8662	372427.98	272788.23	8687	372931.97	272920.56
8613	371434. 37	272689. 20	8638	371931.83	272739.52	8663	372447.51	272791.94	8688	372952.14	272923.47
8614	371454. 27	272691. 22	8639	371951.73	272741.54	8664	372467.01	272795.80	8689	372972.36	272926.06

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coore	dinates
Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
8690	372992. 62	272928.35	8715	373496.32	272914.65	8740	373994.49	272871.97	8765	374475.29	272730.14
8691	373012. 91	272930. 32	8716	373516.24	272912.94	8741	374014.42	272870.27	8766	374491.92	272719.02
8692	373033. 22	272931.98	8717	373536.17	272911.23	8742	374034.35	272868.56	8767	374508.49	272707.94
8693	373053. 56	272933. 33	8718	373556.10	272909.53	8743	374054.27	272866.85	8768	374525.01	272697.03
8694	373073. 92	272934.36	8719	373576.02	272907.82	8744	374074.20	272865.14	8769	374541.60	272686.31
8695	373094. 29	272935. 08	8720	373595.95	272906.11	8745	374094.13	272863.44	8770	374558.29	272675.75
8696	373114. 67	272935. 49	8721	373615.88	272904.41	8746	374114.06	272861.73	8771	374575.09	272665.37
8697	373134. 99	272935. 59	8722	373635.80	272902.70	8747	374133.98	272860.02	8772	374591.99	272655.15
8698	373155. 19	272935. 47	8723	373655.73	272900.99	8748	374153.91	272858.32	8773	374608.99	272645.10
8699	373175. 25	272935. 25	8724	373675.66	272899.28	8749	374173.86	272856.61	8774	374626.10	272635.22
8700	373195. 27	272935. 01	8725	373695.59	272897.58	8750	374194.02	272854.84	8775	374643.30	272625.51
8701	373215. 33	272934.77	8726	373715.51	272895.87	8751	374214.60	272852.68	8776	374660.59	272615.98
8702	373235. 52	272934.44	8727	373735.44	272894.16	8752	374235.53	272849.67	8777	374677.98	272606.62
8703	373255. 89	272933. 88	8728	373755.37	272892.46	8753	374256.48	272845.51	8778	374695.47	272597.43
8704	373276. 34	272932. 93	8729	373775.29	272890.75	8754	374277.19	272840.18	8779	374713.04	272588.42
8705	373296. 70	272931.60	8730	373795.22	272889.04	8755	374297.58	272833.70	8780	374730.70	272579.58
8706	373316. 88	272930. 01	8731	373815.15	272887.34	8756	374317.57	272826.11	8781	374748.46	272570.93
8707	373336. 88	272928.31	8732	373835.08	272885.63	8757	374337.11	272817.42	8782	374766.30	272562.44
8708	373356. 83	272926.60	8733	373855.00	272883.92	8758	374356.12	272807.67	8783	374784.28	272554.09
8709	373376. 75	272924.89	8734	373874.93	272882.21	8759	374374.41	272797.00	8784	374802.23	272545.86
8710	373396. 68	272923. 18	8735	373894.86	272880.51	8760	374391.89	272785.84	8785	374820.02	272538.05
8711	373416. 61	272921.48	8736	373914.78	272878.80	8761	374408.76	272774.62	8786	374837.80	272530.85
8712	373436. 53	272919.77	8737	373934.71	272877.09	8762	374425.42	272763.49	8787	374855.74	272524.33
8713	373456. 46	272918.06	8738	373954.64	272875.39	8763	374442.04	272752.37	8788	374873.91	272518.47
8714	373476. 39	272916. 36	8739	373974.56	272873.68	8764	374458.67	272741.25	8789	374892.28	272513.28

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											30 00
D. C.	Coord	linates		Coore	dinates	D. C.	Coord	linates	D.1.	Coor	dinates
Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
8790	374910. 83	272508.75	8815	375384.81	272521.72	8840	375806.17	272816.25	8865	376240.99	273067.20
8791	374929. 52	272504.91	8816	375430.55	272537.76	8841	375823.72	272825.84	8866	376261.31	273072.08
8792	374948. 36	272501.74	8817	375438.47	272543.23	8842	375841.27	272835.43	8867	376281.67	273075.76
8793	374967. 40	272499. 24	8818	375453.74	272554.95	8843	375858.82	272845.02	8868	376301.82	273078.67
8794	374986. 77	272497. 23	8819	375468.41	272567.42	8844	375876.37	272854.61	8869	376321.74	273081.29
8795	375006. 48	272495. 48	8820	375482.51	272580.67	8845	375893.92	272864.20	8870	376341.58	273083.89
8796	375026. 38	272493.75	8821	375496.27	272594.59	8846	375911.47	272873.80	8871	376361.41	273086.49
8797	375046. 30	272492. 03	8822	375509.94	272608.96	8847	375928.97	272883.35	8872	376381.24	273089.09
8798	375066. 23	272490.30	8823	375523.66	272623.48	8848	375946.25	272892.99	8873	376401.07	273091.69
8799	375086. 16	272488. 57	8824	375537.40	272638.02	8849	375963.26	272902.93	8874	376420.90	273094.29
8800	375106.08	272486. 85	8825	375551.21	272652.62	8850	375980.07	272913.20	8875	376440.73	273096.89
8801	375126.00	272485. 12	8826	375565.39	272667.24	8851	375996.67	272923.81	8876	376460.61	273099.48
8802	375145. 93	272483.39	8827	375580.32	272681.56	8852	376013.13	272934.79	8877	376480.60	273101.97
8803	375165. 68	272481.70	8828	375596.18	272695.15	8853	376029.64	272945.99	8878	376500.72	273104.20
8804	375185. 09	272480. 28	8829	375612.90	272707.75	8854	376046.19	272957.22	8879	376520.93	273106.05
8805	375204. 09	272479. 47	8830	375630.29	272719.23	8855	376062.74	272968.45	8880	376541.18	273107.50
8806	375222. 88	272479.56	8831	375648.01	272729.69	8856	376079.29	272979.67	8881	376561.40	273108.55
8807	375241.60	272480. 59	8832	375665.72	272739.51	8857	376095.84	272990.90	8882	376581.53	273109.33
8808	375260. 25	272482.54	8833	375683.31	272749.12	8858	376112.39	273002.13	8883	376601.56	273109.97
8809	375278. 77	272485. 43	8834	375700.87	272758.71	8859	376129.05	273013.41	8884	376621.56	273110.60
8810	375297. 13	272489. 24	8835	375718.42	272768.30	8860	376146.09	273024.60	8885	376641.55	273111.24
8811	375315. 27	272493. 97	8836	375735.97	272777.89	8861	376163.82	273035.31	8886	376661.54	273111.87
8812	375333. 15	272499. 59	8837	375753.52	272787.48	8862	376182.30	273045.07	8887	376681.51	273112.50
8813	375350. 73	272506. 10	8838	375771.07	272797.07	8863	376201.39	273053.66	8888	376701.32	273113.18
8814	375367. 97	272513. 48	8839	375788.62	272806.66	8864	376220.98	273061.05	8889	376720.84	273114.26

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											C 07
D. C.	Coord	linates		Coore	dinates	D. C.	Coord	linates	D.1.	Coore	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
8890	376740. 03	273116.10	8915	377216.92	273259.88	8940	377718.25	273268.90	8965	378197.46	273294.19
8891	376758. 99	273118.97	8916	377237.12	273262.56	8941	377738.14	273269.50	8966	378217.45	273294.85
8892	376777. 75	273122.88	8917	377257.37	273264.73	8942	377758.03	273270.23	8967	378237.43	273295.50
8893	376796. 26	273127.84	8918	377277.68	273266.40	8943	377777.91	273271.09	8968	378257.42	273296.16
8894	376814. 56	273133.83	8919	377298.21	273267.56	8944	377797.78	273272.09	8969	378277.41	273296.81
8895	376832. 79	273140.71	8920	377318.37	273268.21	8945	377817.65	273273.22	8970	378297.40	273297.47
8896	376851.12	273148. 14	8921	377338.65	273268.39	8946	377837.54	273274.48	8971	378317.39	273298.12
8897	376869. 58	273155. 73	8922	377358.79	273268.29	8947	377857.48	273275.80	8972	378337.38	273298.77
8898	376888. 08	273163.34	8923	377378.83	273268.08	8948	377877.44	273277.11	8973	378357.37	273299.43
8899	376906. 57	273170.95	8924	377398.83	273267.86	8949	377897.39	273278.43	8974	378377.35	273300.08
8900	376925. 10	273178.56	8925	377418.83	273267.65	8950	377917.35	273279.75	8975	378397.34	273300.74
8901	376943. 73	273186. 14	8926	377438.83	273267.44	8951	377937.31	273281.06	8976	378417.32	273301.41
8902	376962. 54	273193.55	8927	377458.83	273267.23	8952	377957.26	273282.38	8977	378437.30	273302.10
8903	376981. 54	273200.64	8928	377478.83	273267.01	8953	377977.23	273283.70	8978	378457.28	273302.79
8904	377000.70	273207.36	8929	377498.80	273266.80	8954	377997.23	273284.98	8979	378477.26	273303.49
8905	377019. 98	273213.69	8930	377518.74	273266.66	8955	378017.24	273286.20	8980	378497.24	273304.21
8906	377039. 39	273219.64	8931	377538.67	273266.61	8956	378037.26	273287.35	8981	378517.21	273304.93
8907	377058. 92	273225. 19	8932	377558.60	273266.65	8957	378057.28	273288.44	8982	378537.19	273305.67
8908	377078. 52	273230. 35	8933	377578.53	273266.78	8958	378077.30	273289.45	8983	378557.17	273306.41
8909	377098. 12	273235. 18	8934	377598.48	273267.01	8959	378097.33	273290.40	8984	378577.15	273307.17
8910	377117. 66	273239. 81	8935	377618.46	273267.28	8960	378117.36	273291.29	8985	378597.13	273307.94
8911	377137. 20	273244.39	8936	377638.46	273267.55	8961	378137.40	273292.10	8986	378617.10	273308.71
8912	377156. 89	273248. 85	8937	377658.46	273267.82	8962	378157.43	273292.86	8987	378637.08	273309.50
8913	377176. 76	273253.01	8938	377678.43	273268.10	8963	378167.45	273293.21	8988	378657.06	273310.30
8914	377196. 79	273256. 69	8939	377698.35	273268.43	8964	378177.47	273293.54	8989	378677.03	273311.11

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
8990	378697. 01	273311.93	9015	379196.25	273335.89	9040	379676.60	273347.08	9065	380192.73	273393.52
8991	378716. 98	273312.76	9016	379216.25	273336.96	9041	379696.60	273347.47	9066	380212.63	273395.54
8992	378736. 95	273313.61	9017	379236.32	273337.97	9042	379716.60	273347.87	9067	380232.52	273397.57
8993	378756. 93	273314.46	9018	379246.44	273338.37	9043	379736.59	273348.26	9068	380252.42	273399.59
8994	378776. 90	273315.32	9019	379256.56	273338.71	9044	379756.59	273348.66	9069	380272.32	273401.62
8995	378796. 87	273316. 20	9020	379276.66	273339.17	9045	379776.58	273349.05	9070	380292.22	273403.65
8996	378816. 85	273317.08	9021	379296.68	273339.57	9046	379796.58	273349.45	9071	380312.11	273405.67
8997	378836. 82	273317.98	9022	379316.67	273339.96	9047	379816.54	273349.84	9072	380332.01	273407.70
8998	378856. 79	273318.88	9023	379336.67	273340.36	9048	379836.39	273350.32	9073	380351.91	273409.73
8999	378876. 76	273319.80	9024	379356.67	273340.75	9049	379846.27	273350.71	9074	380371.80	273411.75
9000	378896. 73	273320.73	9025	379376.66	273341.15	9050	379895.02	273363.56	9075	380391.70	273413.78
9001	378916. 70	273321.66	9026	379396.66	273341.54	9051	379914.39	273365.22	9076	380411.60	273415.80
9002	378936. 67	273322.61	9027	379416.65	273341.94	9052	379934.10	273367.18	9077	380431.50	273417.83
9003	378956. 64	273323. 57	9028	379436.65	273342.33	9053	379953.96	273369.20	9078	380451.39	273419.86
9004	378976. 61	273324.54	9029	379456.65	273342.73	9054	379973.86	273371.23	9079	380471.29	273421.88
9005	378996. 58	273325.52	9030	379476.64	273343.12	9055	379993.76	273373.26	9080	380491.19	273423.91
9006	379016. 54	273326. 52	9031	379496.64	273343.52	9056	380013.66	273375.28	9081	380511.11	273425.94
9007	379036. 51	273327.52	9032	379516.63	273343.92	9057	380033.55	273377.31	9082	380531.14	273427.94
9008	379056. 48	273328.53	9033	379536.63	273344.31	9058	380053.45	273379.33	9083	380551.30	273429.77
9009	379076. 44	273329.55	9034	379556.63	273344.71	9059	380073.35	273381.36	9084	380571.48	273431.40
9010	379096. 41	273330. 59	9035	379576.62	273345.10	9060	380093.24	273383.39	9085	380591.68	273432.82
9011	379116. 37	273331.63	9036	379596.62	273345.50	9061	380113.14	273385.41	9086	380611.90	273434.05
9012	379136. 34	273332.69	9037	379616.62	273345.89	9062	380133.04	273387.44	9087	380632.12	273435.07
9013	379156. 31	273333.75	9038	379636.61	273346.29	9063	380152.94	273389.46	9088	380652.35	273435.89
9014	379176. 28	273334. 82	9039	379656.61	273346.68	9064	380172.83	273391.49	9089	380672.59	273436.51

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	Coord	linates		Coord	dinates		Coord	linates		Coord	dinates
Point	E(Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
9090	380692. 84	273436. 92	9115	381176.25	273296.23	9140	381393.74	273146.72	9165	381581.54	272981.38
9091	380713.06	273437.14	9116	381184.83	273291.10	9141	381401.37	273140.08	9166	381589.04	272974.78
9092	380733. 17	273437. 20	9117	381193.42	273285.98	9142	381408.93	273133.44	9167	381596.55	272968.17
9093	380753. 29	273437. 23	9118	381202.01	273280.85	9143	381416.45	273126.82	9168	381604.05	272961.56
9094	380773. 66	273437. 09	9119	381210.59	273275.73	9144	381423.96	273120.20	9169	381611.56	272954.94
9095	380794. 31	273436, 51	9120	381219.18	273270.60	9145	381431.47	273113.59	9170	381619.06	272948.34
9096	380815. 08	273435, 28	9121	381227.79	273265.46	9146	381438.97	273106.98	9171	381626.56	272941.72
9097	380835. 83	273433. 34	9122	381236.42	273260.29	9147	381446.47	273100.37	9172	381634.06	272935.12
9098	380856. 49	273430. 72	9123	381245.07	273255.06	9148	381453.98	273093.76	9173	381641.57	272928.50
9099	380877. 06	273427. 42	9124	381253.74	273249.77	9149	381461.48	273087.15	9174	381649.07	272921.89
9100	380897, 51	273423, 42	9125	381262.41	273244.39	9150	381468.98	273080.54	9175	381656.58	272915.28
9101	380917. 81	273418. 75	9126	381271.05	273238.91	9151	381476.49	273073.93	9176	381664.08	272908.67
9102	380937, 94	273413. 41	9127	381279.65	273233.34	9152	381483.99	273067.32	9177	381671.58	272902.06
9103	380957. 89	273407.39	9128	381288.25	273227.64	9153	381491.50	273060.71	9178	381679.09	272895.45
9104	380977. 62	273400. 72	9129	381305.07	273216.14	9154	381499.00	273054.10	9179	381686.59	272888.84
9105	380997. 13	273393. 39	9130	381313.50	273210.20	9155	381506.50	273047.49	9180	381694.09	272882.23
9106	381016. 37	273385, 42	9131	381321.81	273204.20	9156	381514.01	273040.88	9181	381701.60	272875.62
9107		273376. 80	9132	381330.07	273198.12	9157	381521.51	273034.27	9182	381709.10	272869.01
9108	381054. 01	273367.57	9133	381338.26	273191.96	9158	381529.01	273027.66	9183	381716.60	272862.40
9109	381072.30	273357.75	9134	381346.39	273185.72	9159	381536.52	273021.05	9184	381724.11	272855.79
9110		273347. 56	9135	381354.46	273179.40	9160	381544.02	273014.44	9185	381731.61	272849.18
9111	381107. 52	273337. 25	9136	381362.46	273173.00	9161	381551.53	273007.83	9186	381739.12	272842.57
9112		273326. 98	9137	381370.40	273166.51	9162	381559.03	273001.22	9187	381746.62	272835.96
9113	381141.90	273316.73	9138	381378.27	273159.96	9163	381566.53	272994.61	9188	381754.12	272829.35
9114	381159.07	273306. 48	9139	381386.05	273153.35	9164	381574.04	272988.00	9189	381761.63	272822.74

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Deline.	Coord	linates	Daine	Coord	linates	Deine	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
9190	381769. 13	272816. 13	9215	381941.72	272664.09	9240	382248.28	272328.09	9265	382532.85	271920.77
9191	381776. 63	272809. 52	9216	381949.22	272657.48	9241	382259.51	272311.26	9266	382545.53	271906.07
9192	381784. 14	272802. 91	9217	381956.72	272650.87	9242	382270.56	272294.47	9267	382558.48	271891.93
9193	381791. 64	272796. 30	9218	381964.22	272644.26	9243	382281.53	272277.71	9268	382571.88	271878.33
9194	381799. 15	272789. 69	9219	381971.73	272637.65	9244	382292.49	272260.99	9269	382585.76	271865.23
9195		272783. 08	9220	381979.28	272631.00	9245	382303.45	272244.26	9270	382600.11	271852.64
9196		272776. 47	9221	381994.32	272617.68	9246	382314.42	272227.53	9271	382614.91	271840.58
9197	381821. 55	272769.95	9222	382009.38	272604.15	9247	382325.38	272210.80	9272	382630.13	271829.06
9198		272769. 86	9223	382024.32	272590.39	9248	382336.34	272194.07	9273	382645.77	271818.11
9199		272761.51	9224	382039.10	272576.42	9249	382347.30	272177.34	9274	382661.79	271807.73
9200	381831, 24	272761, 42	9225	382053.68	272562.25	9250	382358.26	272160.61	9275	382678.18	271797.95
9201	381836. 66	272756. 64	9226	382068.08	272547.89	9251	382369.22	272143.88	9276	382694.91	271788.76
9202	381844. 17	272750. 03	9227	382082.28	272533.34	9252	382380.18	272127.15	9277	382711.97	271780.19
9203	381851, 67	272743, 42	9228	382096.29	272518.60	9253	382391.13	272110.43	9278	382729.33	271772.24
9204	381859. 18	272736, 81	9229	382110.10	272503.68	9254	382402.03	272093.83	9279	382747.02	271764.91
9205	381866. 68	272730, 20	9230	382123.71	272488.58	9255	382413.03	272077.44	9280	382765.15	271758.05
9206	381874. 18	272723. 59	9231	382137.12	272473.29	9256	382424.19	272061.20	9281	382783.70	271751.41
9207	381881. 68	272716. 98	9232	382150.32	272457.83	9257	382435.55	272045.09	9282	382802.51	271744.80
9208	381889. 19	272710. 37	9233	382163.32	272442.19	9258	382447.09	272029.11	9283	382821.37	271738.17
9209		272703. 76	9234	382176.10	272426.38	9259	382458.81	272013.26	9284	382840.24	271731.54
9210		272697. 15	9235	382188.68	272410.40	9260	382470.72	271997.56	9285	382859.11	271724.91
9211	381911. 70	272690. 54	9236	382201.04	272394.25	9261	382482.81	271981.99	9286	382877.98	271718.27
9212	381919. 21	272683. 92	9237	382213.18	272377.94	9262	382495.08	271966.56	9287	382896.85	271711.64
9213	381926, 71	272677.32	9238	382225.11	272361.47	9263	382507.55	271951.23	9288	382915.71	271705.01
9214		272670. 71	9239	382236.81	272344.85	9264	382520.20	271935.93	9289	382934.58	271698.38

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Deine	Coord	linates	Point	Coord	linates	Deine	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)
9290	382953. 45	271691.74	9315	383432.18	271611.02	9340	383927.52	271515.39	9365	384413.50	271437.41
9291	382972. 32	271685. 11	9316	383452.80	271610.60	9341	383946.99	271510.79	9366	384433.50	271437.28
9292	382991. 19	271678. 48	9317	383473.41	271609.67	9342	383966.45	271506.19	9367	384453.50	271437.16
9293	383010.06	271671.85	9318	383493.98	271608.22	9343	383985.91	271501.60	9368	384473.50	271437.03
9294	383028, 92	271665, 22	9319	383514.51	271606.26	9344	384005.38	271497.00	9369	384493.50	271436.91
9295	383047. 79	271658.58	9320	383534.98	271603.78	9345	384024.84	271492.40	9370	384513.50	271436.78
9296		271651.95	9321	383555.39	271600.80	9346	384044.31	271487.81	9371	384533.50	271436.66
9297	383085. 53	271645. 32	9322	383575.72	271597.30	9347	384063.77	271483.21	9372	384553.50	271436.53
9298	383104. 30	271638. 73	9323	383595.90	271593.31	9348	384083.24	271478.61	9373	384573.50	271436.40
9299		271632.38	9324	383615.84	271588.93	9349	384102.70	271474.02	9374	384593.50	271436.28
9300	383141, 22	271626. 56	9325	383635.51	271584.35	9350	384122.17	271469.42	9375	384613.50	271436.15
9301	383159. 57	271621.47	9326	383655.02	271579.75	9351	384141.63	271464.82	9376	384633.50	271436.03
9302	383178.06	271617. 13	9327	383674.48	271575.15	9352	384161.08	271460.23	9377	384653.50	271435.90
9303	383196, 72	271613.53	9328	383693.95	271570.55	9353	384180.41	271455.69	9378	384673.50	271435.78
9304	383215. 50	271610. 68	9329	383713.41	271565.95	9354	384199.51	271451.41	9379	384693.50	271435.65
9305		271608. 59	9330	383732.88	271561.36	9355	384218.45	271447.63	9380	384713.50	271435.53
9306	383253. 34	271607. 25	9331	383752.34	271556.76	9356	384237.37	271444.49	9381	384733.37	271435.40
9307	383272. 37	271606.67	9332	383771.80	271552.16	9357	384256.37	271441.98	9382	384753.50	271435.28
9308	383291, 61	271606. 79	9333	383791.27	271547.57	9358	384275.44	271440.10	9383	384773.50	271435.15
9309		271607.37	9334	383810.73	271542.97	9359	384294.60	271438.85	9384	384793.50	271435.02
9310		271608. 13	9335	383830.20	271538.37	9360	384313.95	271438.20	9385	384813.50	271434.90
9311	383351.05	271608. 91	9336	383849.66	271533.78	9361	384333.61	271437.92	9386	384833.50	271434.77
9312	383371.07	271609.69	9337	383869.13	271529.18	9362	384353.51	271437.78	9387	384853.49	271434.65
9313	383391, 23	271610, 42	9338	383888.59	271524.58	9363	384373.50	271437.66	9388	384873.50	271434.52
9314		271610. 93	9339	383908.06	271519.99	9364	384393.50	271437.53	9389	384893.49	271434.40

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coore	dinates
Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
9390	384913. 49	271434. 27	9415	385247.71	271407.25	9440	385487.59	271340.96	9465	385732.00	271281.07
9391	384933. 49	271434. 15	9416	385257.64	271404.45	9441	385497.33	271338.71	9466	385741.62	271278.13
9392	384953. 49	271434.02	9417	385267.49	271401.54	9442	385507.07	271336.45	9467	385751.20	271275.18
9393	384973. 49	271433. 90	9418	385277.24	271398.57	9443	385516.82	271334.20	9468	385760.76	271272.23
9394	384993. 49	271433.77	9419	385286.90	271395.55	9444	385526.56	271331.94	9469	385770.31	271269.29
9395	385013. 49	271433.64	9420	385296.50	271392.52	9445	385536.30	271329.69	9470	385779.87	271266.34
9396	385033. 51	271433. 52	9421	385306.04	271389.49	9446	385546.04	271327.43	9471	385789.42	271263.40
9397	385063. 80	271433. 21	9422	385315.57	271386.46	9447	385555.78	271325.18	9472	385798.98	271260.45
9398	385074. 04	271432.97	9423	385325.07	271383.45	9448	385565.53	271322.92	9473	385808.54	271257.51
9399	385084. 33	271432.63	9424	385334.49	271380.49	9449	385575.27	271320.66	9474	385818.05	271254.58
9400	385094.66	271432.14	9425	385343.89	271377.60	9450	385585.01	271318.41	9475	385827.44	271251.73
9401	385105.00	271431.51	9426	385353.31	271374.78	9451	385594.75	271316.15	9476	385836.77	271249.01
9402	385115. 33	271430. 73	9427	385362.75	271372.03	9452	385604.50	271313.90	9477	385846.13	271246.39
9403	385125. 64	271429. 80	9428	385372.20	271369.33	9453	385614.24	271311.64	9478	385855.52	271243.87
9404	385135. 95	271428.72	9429	385381.68	271366.70	9454	385623.98	271309.38	9479	385864.94	271241.46
9405	385146. 23	271427.50	9430	385391.17	271364.13	9455	385633.74	271307.12	9480	385874.39	271239.16
9406	385156. 50	271426. 13	9431	385400.68	271361.63	9456	385643.53	271304.85	9481	385883.89	271236.95
9407	385166. 74	271424.61	9432	385410.21	271359.19	9457	385653.36	271302.53	9482	385893.54	271234.79
9408	385176. 96	271422. 95	9433	385419.75	271356.81	9458	385663.22	271300.14	9483	385903.30	271232.61
9409	385187. 16	271421.14	9434	385429.31	271354.49	9459	385673.12	271297.69	9484	385913.06	271230.43
9410	385197. 33	271419. 19	9435	385438.92	271352.23	9460	385683.03	271295.13	9485	385922.82	271228.26
9411	385207. 48	271417.09	9436	385448.62	271349.99	9461	385692.92	271292.47	9486	385932.58	271226.08
9412	385217. 59	271414.84	9437	385458.36	271347.73	9462	385702.78	271289.72	9487	385942.34	271223.90
9413	385227. 67	271412. 46	9438	385468.10	271345.48	9463	385712.59	271286.89	9488	385952.10	271221.72
9414	385237. 71	271409.92	9439	385477.85	271343.22	9464	385722.32	271284.00	9489	385961.86	271219.54

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Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
9490	385971.62	271217.36	9515	386215.20	271148.06	9540	386443.90	271041.35	9565	386670.88	270975.56
9491	385981.38	271215. 18	9516	386224.73	271144.42	9541	386452.85	271036.91	9566	386680.33	270975.53
9492	385991.14	271213.00	9517	386234.24	271140.69	9542	386461.80	271032.46	9567	386689.77	270975.71
9493	386000.90	271210. 82	9518	386243.71	271136.89	9543	386470.73	271028.04	9568	386699.26	270976.11
9494	386010.66	271208.64	9519	386253.15	271133.01	9544	386479.58	271023.68	9569	386708.82	270976.68
9495	386020. 42	271206. 46	9520	386262.56	271129.05	9545	386488.37	271019.44	9570	386718.48	270977.40
9496	386030. 19	271204. 28	9521	386271.94	271125.01	9546	386497.12	271015.34	9571	386728.24	270978.23
9497	386040.06	271202.07	9522	386281.28	271120.89	9547	386505.83	271011.42	9572	386738.10	270979.14
9498	386050.03	271199.74	9523	386290.59	271116.70	9548	386514.55	271007.70	9573	386748.02	270980.06
9499	386059. 98	271197.32	9524	386299.86	271112.42	9549	386523.32	271004.20	9574	386757.96	270980.99
9500	386069. 91	271194.80	9525	386309.09	271108.07	9550	386532.16	271000.88	9575	386767.86	270981.93
9501	386079.81	271192. 18	9526	386318.29	271103.65	9551	386541.08	270997.77	9576	386777.62	270982.90
9502	386089. 69	271189. 46	9527	386327.20	271099.28	9552	386550.06	270994.85	9577	386787.21	270983.95
9503	386099. 54	271186.65	9528	386336.41	271094.70	9553	386559.11	270992.14	9578	386796.65	270985.15
9504	386109.36	271183.74	9529	386345.36	271090.26	9554	386568.21	270989.62	9579	386805.90	270986.54
9505	386119. 16	271180.74	9530	386354.32	271085.81	9555	386577.37	270987.31	9580	386815.02	270988.17
9506	386128. 91	271177.64	9531	386363.28	271081.37	9556	386586.57	270985.20	9581	386824.04	270990.08
9507	386138. 55	271174. 49	9532	386372.24	271076.92	9557	386595.82	270983.30	9582	386832.99	270992.27
9508	386148.06	271171.35	9533	386381.19	271072.47	9558	386605.11	270981.60	9583	386841.87	270994.74
9509	386160. 26	271167.33	9534	386390.15	271068.03	9559	386614.44	270980.12	9584	386850.67	270997.48
9510	386167. 12	271165.07	9535	386399.11	271063.58	9560	386623.80	270978.83	9585	386859.38	271000.50
9511	386176. 76	271161.84	9536	386408.07	271059.14	9561	386633.18	270977.76	9586	386867.99	271003.79
9512	386186. 41	271158. 51	9537	386417.02	271054.69	9562	386642.58	270976.90	9587	386876.50	271007.35
9513	386196. 04	271155. 11	9538	386425.98	271050.24	9563	386652.01	270976.24	9588	386884.89	271011.17
9514	386205. 63	271151.62	9539	386434.94	271045.80	9564	386661.44	270975.79	9589	386893.15	271015.25

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Point	Coord	linates	Point	Coord	linates	Point	Coord	linates	Point	Coord	dinates
Point	E (Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
9590	386901. 29	271019.59	9615	387396.24	271197.55	9640	387848.80	270983.31	9665	388188.62	270613.73
9591	386909. 28	271024. 18	9616	387416.22	271192.05	9641	387867.31	270976.04	9666	388187.22	270592.21
9592	386917. 13	271029.01	9617	387435.78	271185.68	9642	387885.92	270968.80	9667	388184.48	270570.83
9593	386924. 82	271034.09	9618	387454.89	271178.82	9643	387904.56	270961.56	9668	388180.44	270549.78
9594	386932. 19	271039. 29	9619	387473.73	271171.82	9644	387923.21	270954.31	9669	388175.38	270529.35
9595	386946. 69	271050. 58	9620	387492.58	271164.76	9645	387941.88	270947.06	9670	388169.85	270509.63
9596	386990.06	271090. 58	9621	387511.55	271157.34	9646	387960.70	270939.64	9671	388164.26	270490.31
9597	387020. 17	271118. 10	9622	387530.47	271149.18	9647	387979.62	270931.63	9672	388158.70	270471.10
9598	387036. 77	271131.55	9623	387549.00	271140.13	9648	387998.38	270922.59	9673	388153.14	270451.89
9599	387085. 91	271152. 52	9624	387567.00	271130.52	9649	388016.64	270912.36	9674	388147.58	270432.68
9600	387094. 85	271157.77	9625	387584.61	271120.70	9650	388034.23	270901.00	9675	388142.02	270413.47
9601	387113. 24	271167.38	9626	387602.07	271110.91	9651	388051.07	270888.57	9676	388136.46	270394.26
9602	387132. 09	271176.05	9627	387619.51	271101.13	9652	388067.10	270875.11	9677	388130.90	270375.04
9603	387151. 35	271183.77	9628	387636.96	271091.35	9653	388082.27	270860.68	9678	388125.34	270355.83
9604	387170. 97	271190. 52	9629	387654.40	271081.57	9654	388096.50	270845.32	9679	388119.78	270336.62
9605	387190. 90	271196. 27	9630	387671.85	271071.78	9655	388109.74	270829.11	9680	388114.21	270317.41
9606	387211. 10	271201.03	9631	387689.29	271062.00	9656	388121.95	270812.10	9681	388108.65	270298.20
9607	387231. 51	271204.77	9632	387706.72	271052.23	9657	388133.07	270794.36	9682	388103.09	270278.99
9608	387252. 08	271207. 48	9633	387724.11	271042.52	9658	388165.00	270750.87	9683	388097.53	270259.77
9609	387272. 75	271209.17	9634	387741.50	271033.03	9659	388168.93	270740.83	9684	388091.97	270240.54
9610	387293. 49	271209.82	9635	387758.97	271023.86	9660	388175.50	270720.30	9685	388086.12	270220.46
9611	387314. 24	271209. 43	9636	387776.59	271015.05	9661	388180.79	270699.40	9686	388078.38	270199.61
9612	387334. 94	271208.00	9637	387794.38	271006.59	9662	388184.75	270678.21	9687	388068.43	270179.69
9613	387355. 54	271205.54	9638	387812.34	270998.50	9663	388187.39	270656.81	9688	388057.71	270161.69
9614	387375. 99	271202.06	9639	387830.47	270990.75	9664	388188.68	270635.29	9689	388047.42	270144.50

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Point	E (Y)	N (X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
9690	388037. 15	270127.34	9715	388061.13	269648.46	9740	388091.27	269171.25	9765	388081.00	268665.92
9691	388027. 41	270111.06	9716	388059.77	269627.09	9741	388096.49	269150.33	9766	388080.78	268646.09
9692	388020.00	270095.99	9717	388057.24	269606.00	9742	388100.39	269129.13	9767	388080.69	268626.26
9693	388015. 59	270080.96	9718	388053.89	269585.47	9743	388102.97	269107.73	9768	388080.73	268606.42
9694	388013. 81	270065.39	9719	388050.18	269565.50	9744	388104.20	269086.22	9769	388080.91	268586.59
9695	388014. 74	270049.34	9720	388046.45	269545.81	9745	388104.12	269064.91	9770	388081.21	268566.73
9696	388018. 30	270031.61	9721	388042.73	269526.16	9746	388103.12	269044.12	9771	388081.61	268546.82
9697	388022. 45	270012.21	9722	388039.01	269506.51	9747	388101.73	269023.88	9772	388082.05	268526.86
9698	388026. 75	269992.12	9723	388035.30	269486.87	9748	388100.30	269003.90	9773	388082.50	268506.87
9699	388030. 29	269971.16	9724	388031.61	269467.36	9749	388098.88	268983.95	9774	388082.95	268486.87
9700	388032. 57	269950. 55	9725	388028.23	269448.23	9750	388097.45	268964.00	9775	388083.40	268466.88
9701	388034. 72	269930. 63	9726	388025.58	269429.55	9751	388096.02	268944.05	9776	388083.85	268446.88
9702	388036. 87	269910.75	9727	388024.02	269411.10	9752	388094.60	268924.10	9777	388084.30	268426.89
9703	388039. 03	269890.87	9728	388023.61	269392.67	9753	388093.17	268904.15	9778	388084.75	268406.89
9704	388041. 18	269870.98	9729	388024.35	269374.25	9754	388091.75	268884.20	9779	388085.20	268386.90
9705	388043. 33	269851.10	9730	388026.24	269355.91	9755	388090.32	268864.26	9780	388085.65	268366.90
9706	388045. 49	269831.21	9731	388029.27	269337.73	9756	388088.90	268844.34	9781	388086.09	268346.91
9707	388047.64	269811.33	9732	388033.44	269319.77	9757	388087.53	268824.47	9782	388086.54	268326.91
9708	388049. 79	269791.45	9733	388038.72	269302.10	9758	388086.25	268804.65	9783	388086.99	268306.92
9709	388051.95	269771.56	9734	388045.14	269284.60	9759	388085.11	268784.84	9784	388087.44	268286.92
9710	388054. 10	269751.68	9735	388052.56	269266.98	9760	388084.09	268765.04	9785	388087.88	268267.34
9711	388056. 26	269731.77	9736	388060.62	269249.03	9761	388083.21	268745.22	9786	388088.95	268248.12
9712	388058. 40	269711.64	9737	388068.93	269230.63	9762	388082.46	268725.40	9787	388090.56	268228.51
9713	388060. 22	269691.01	9738	388077.14	269211.60	9763	388081.84	268705.58	9788	388092.20	268208.58
9714	388061. 26	269669, 86	9739	388084.76	269191.77	9764	388081.35	268685.75	9789	388093.83	268188.65

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D	Coord	inates		Coord	linates		Coord	linates		Coore	dinates
Point	E(Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
9790	388095. 42	268169.31	9815	388470.48	267900.88	9840	388893.01	267631.90	9865	389298.68	267373.83
9791	388097. 68	268151.93	9816	388487.91	267890.80	9841	388909.94	267621.26	9866	389315.31	267362.56
9792	388102. 14	268136.34	9817	388505.28	267880.64	9842	388926.88	267610.62	9867	389331.91	267351.21
9793	388108. 89	268121.64	9818	388522.60	267870.39	9843	388943.81	267599.98	9868	389348.46	267339.80
9794	388117. 78	268108.14	9819	388539.87	267860.05	9844	388960.75	267589.34	9869	389364.96	267328.33
9795	388128. 62	268096. 14	9820	388557.08	267849.63	9845	388977.68	267578.70	9870	389381.41	267316.79
	388141. 44	268085.68	9821	388574.25	267839.12	9846	388994.62	267568.06	9871	389397.82	267305.18
	388156. 96	268075. 91	9822	388591.36	267828.52	9847	389011.55	267557.42	9872	389414.19	267293.51
	388173. 82	268065. 54	9823	388608.41	267817.83	9848	389028.49	267546.78	9873	389430.50	267281.77
	388190, 71	268055.30	9824	388625.41	267807.06	9849	389045.42	267536.14	9874	389446.77	267269.96
	388207. 66	268045. 32	9825	388642.36	267796.21	9850	389062.36	267525.50	9875	389462.99	267258.10
9801	388224. 74	268035. 57	9826	388659.25	267785.26	9851	389079.29	267514.86	9876	389479.17	267246.16
	388241. 99	268026.02	9827	388676.09	267774.24	9852	389096.23	267504.22	9877	389495.30	267234.16
	388259. 47	268016. 56	9828	388692.85	267763.14	9853	389113.16	267493.58	9878	389511.37	267222.10
	388277. 07	268007.05	9829	388709.55	267752.00	9854	389130.10	267482.94	9879	389527.39	267209.99
	388294.66	267997. 53	9830	388726.19	267740.85	9855	389138.56	267477.63	9880	389543.35	267197.84
	388312. 25	267988. 02	9831	388742.80	267729.72	9856	389147.05	267472.29	9881	389559.27	267185.69
	388329. 84	267978. 50	9832	388759.41	267718.59	9857	389164.00	267461.62	9882	389575.16	267173.55
	388347. 43	267968. 98	9833	388776.01	267707.46	9858	389180.97	267450.89	9883	389591.06	267161.40
	388365, 04	267959. 46	9834	388792.59	267696.39	9859	389197.91	267440.09	9884	389606.95	267149.26
	388382, 66	267949. 91	9835	388809.16	267685.42	9860	389214.81	267429.21	9885	389622.84	267137.12
	388400. 29	267940. 29	9836	388825.77	267674.56	9861	389231.68	267418.27	9886	389638.74	267124.98
	388417. 91	267930. 57	9837	388842.45	267663.82	9862	389248.49	267407.26	9887	389654.63	267112.84
	388435, 48	267920. 76	9838	388859.22	267653.16	9863	389265.26	267396.19	9888	389670.52	267100.70
2310	0100, 10	_0.020.10	9839	388876.09	267642.53	9864	389281.99	267385.04	9889	389686.42	267088.56

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Poline	Coord	linates	Point	Coord	linates	Point	Coord	linates	P-i	Coord	linates
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
9890	389702. 31	267076. 42	9915	390131.45	266748.60	9940	390496.15	266399.88	9965	390814.08	265987.38
9891	389718. 20	267064. 28	9916	390147.38	266736.38	9941	390521.51	266368.49	9966	390826.25	265971.51
9892	389734. 10	267052.14	9917	390163.33	266724.03	9942	390534.03	266352.55	9967	390838.42	265955.64
9893	389749. 99	267040.00	9918	390179.21	266711.51	9943	390546.35	266336.62	9968	390850.59	265939.76
9894	389765. 88	267027.85	9919	390194.99	266698.84	9944	390558.56	266320.71	9969	390862.76	265923.89
9895	389781. 78	267015.71	9920	390210.64	266686.01	9945	390570.73	266304.84	9970	390874.92	265908.02
9896	389797. 67	267003.57	9921	390226.17	266673.04	9946	390582.90	266288.96	9971	390887.09	265892.15
9897	389813. 56	266991.43	9922	390241.58	266659.91	9947	390595.06	266273.09	9972	390893.17	265884.21
9898	389829. 46	266979. 29	9923	390256.86	266646.64	9948	390607.23	266257.22	9973	390915.66	265838.44
9899	389845. 35	266967.15	9924	390272.02	266633.23	9949	390619.40	266241.35	9974	390927.83	265822.57
9900	389861.24	266955.01	9925	390287.04	266619.67	9950	390631.57	266225.47	9975	390939.99	265806.70
9901	389877. 14	266942.87	9926	390301.94	266605.97	9951	390643.73	266209.60	9976	390952.16	265790.83
9902	389893. 03	266930.73	9927	390316.70	266592.13	9952	390655.90	266193.73	9977	390964.33	265774.95
9903	389908. 92	266918.59	9928	390331.33	266578.15	9953	390668.07	266177.86	9978	390976.50	265759.08
9904	389924. 82	266906.45	9929	390345.83	266564.03	9954	390680.24	266161.98	9979	390988.67	265743.21
9905	389940. 71	266894.30	9930	390360.20	266549.77	9955	390692.41	266146.11	9980	391000.83	265727.33
9906	389956. 60	266882.16	9931	390374.42	266535.38	9956	390704.57	266130.24	9981	391013.00	265711.46
9907	389972. 50	266870.02	9932	390388.51	266520.85	9957	390716.74	266114.36	9982	391025.17	265695.59
9908	390020. 18	266833.60	9933	390402.46	266506.19	9958	390728.91	266098.49	9983	391037.34	265679.72
9909	390036.07	266821.46	9934	390416.27	266491.39	9959	390741.08	266082.62	9984	391049.50	265663.84
9910	390051.96	266809.32	9935	390429.94	266476.47	9960	390753.24	266066.75	9985	391061.67	265647.97
9911	390067. 86	266797.18	9936	390443.47	266461.41	9961	390765.41	266050.87	9986	391073.84	265632.10
9912	390083. 75	266785.04	9937	390456.85	266446.23	9962	390777.58	266035.00	9987	391086.01	265616.23
9913	390099. 64	266772.90	9938	390470.08	266430.92	9963	390789.75	266019.13	9988	391098.18	265600.35
9914	390115. 54	266760. 75	9939	390483.17	266415.49	9964	390801.92	266003.26	9989	391110.34	265584.48

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										1 ag	
		linates		Coord	linates	D. C.	Coord	linates	D.1.	Coord	linates
Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
9990	391122. 51	265568.61	10015	391450.10	265193.84	10040	391794.53	264831.08			
9991	391134.68	265552.73	10016	391463.96	265179.42	10041	391808.15	264816.44			
9992	391146. 85	265536.86	10017	391477.82	265165.00	10042	391821.78	264801.80			
9993	391159. 01	265520.99	10018	391491.68	265150.58	10043	391835.41	264787.16			
9994	391171.18	265505. 12	10019	391505.53	265136.15	10044	391849.04	264772.52			
9995	391183.35	265489. 24	10020	391519.39	265121.73	10045	391862.66	264757.88			
9996	391195. 49	265473. 41	10021	391533.25	265107.31	10046	391876.29	264743.25			
9997	391207. 67	265457.72	10022	391547.10	265092.89	10047	391889.92	264728.61			
9998	391220. 01	265442. 21	10023	391560.96	265078.47	10048	391900.01	264717.77			
9999	391232. 54	265426. 86	10024	391574.82	265064.04						
10000	391245. 25	265411.66	10025	391588.67	265049.62						
10001	391258. 15	265396. 61	10026	391602.53	265035.20						
10002	391271. 24	265381.73	10027	391616.39	265020.78						
10003	391284. 50	265367.00	10028	391630.24	265006.36						
10004	391297. 94	265352.44	10029	391644.11	264991.92						
10005	391311. 58	265338.02	10030	391657.97	264977.43						
10006	391325. 39	265323. 64	10031	391671.78	264962.85						
10007	391339. 25	265309. 22	10032	391685.49	264948.20						
10008	391353. 11	265294.79	10033	391699.13	264933.55						
10009	391366. 96	265280. 37	10034	391712.76	264918.91						
10010	391380. 82	265265. 95	10035	391726.39	264904.27						
10011	391394.68	265251.53	10036	391740.01	264889.63						
10012	391408. 53	265237.11	10037	391753.64	264874.99						
10013	391422. 39	265222. 69	10038	391767.27	264860.35						
10014	391436. 25	265208. 26	10039	391780.90	264845.72						

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Point	Coord	linates	Point	Coordinates		Point	Coordinates		Point	Coordinates		
Tome	E (Y)	N(X)	Tollit	E (Y)	N(X)	Tollik	E (Y)	N(X)	Tolk	E (Y)	N(X)	
10049	271408. 65	385013.34	10074	271371.70	385279.41	10099	271307.59	385520.92	10124	271245.40	385762.95	
10050	271408. 52	385033.33	10075	271368.68	385288.95	10100	271305.33	385530.66	10125	271242.45	385772.51	
10051	271408. 36	385053.33	10076	271365.66	385298.48	10101	271303.08	385540.40	10126	271239.51	385782.06	
10052	271408. 21	385063.33	10077	271362.63	385308.01	10102	271300.82	385550.15	10127	271236.56	385791.62	
10053	271407. 98	385073.33	10078	271359.61	385317.54	10103	271298.56	385559.89	10128	271233.62	385801.18	
10054	271407.65	385083.32	10079	271356.61	385327.08	10104	271296.31	385569.63	10129	271230.67	385810.73	
10055	271407. 18	385093.31	10080	271353.68	385336.64	10105	271294.05	385579.37	10130	271227.77	385820.30	
10056	271406. 57	385103. 29	10081	271350.81	385346.22	10106	271291.80	385589.11	10131	271224.97	385829.90	
10057	271405. 81	385113. 27	10082	271348.01	385355.82	10107	271289.54	385598.86	10132	271222.28	385839.53	
10058	271404. 91	385123. 23	10083	271345.27	385365.44	10108	271287.29	385608.60	10133	271219.69	385849.19	
10059	271403. 88	385133.17	10084	271342.59	385375.07	10109	271285.03	385618.34	10134	271217.21	385858.88	
10060	271402. 69	385143.10	10085	271339.98	385384.72	10110	271282.77	385628.08	10135	271214.84	385868.60	
10061	271401.37	385153.01	10086	271337.43	385394.39	10111	271280.51	385637.82	10136	271212.58	385878.34	
10062	271399. 91	385162. 91	10087	271334.95	385404.08	10112	271278.21	385647.56	10137	271210.39	385888.10	
10063	271398. 30	385172.78	10088	271332.53	385413.78	10113	271275.86	385657.28	10138	271208.21	385897.86	
10064	271396. 56	385182.62	10089	271330.18	385423.50	10114	271273.45	385666.98	10139	271206.04	385907.61	
10065	271394. 67	385192.44	10090	271327.89	385433.24	10115	271270.95	385676.66	10140	271203.86	385917.37	
10066	271392. 64	385202. 24	10091	271325.63	385442.98	10116	271268.36	385686.32	10141	271201.68	385927.13	
10067	271390. 48	385212.00	10092	271323.38	385452.72	10117	271265.67	385695.95	10142	271199.50	385936.89	
10068	271388. 17	385221.73	10093	271321.12	385462.46	10118	271262.90	385705.56	10143	271197.32	385946.65	
10069	271385. 73	385231.42	10094	271318.87	385472.21	10119	271260.05	385715.15	10144	271195.14	385956.41	
10070	271383. 14	385241.09	10095	271316.61	385481.95	10120	271257.16	385724.72	10145	271192.96	385966.17	
10071	271380. 43	385250.71	10096	271314.35	385491.69	10121	271254.23	385734.28	10146	271190.78	385975.93	
10072	271377. 60	385260.30	10097	271312.10	385501.43	10122	271251.29	385743.84	10147	271188.60	385985.69	
10073	271374.68	385269.86	10098	271309.84	385511.18	10123	271248.34	385753.40	10148	271186.42	385995.45	

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											Page 100	
Point	Coord	linates	Point	Coord	linates	Point	Coordinates		Point	Coordinates		
Tolik	E (Y)	N(X)	Tome	E (Y)	N(X)		E (Y)	N(X)	. 5111	E (Y)	N(X)	
10149	271184. 24	386005. 21	10174	271109.92	386243.55	10199	271001.21	386468.63	10224	270951.74	386710.50	
10150	271182. 07	386014.97	10175	271106.04	386252.77	10200	270996.86	386477.63	10225	270952.48	386720.48	
10151	271179. 89	386024.73	10176	271102.09	386261.95	10201	270992.62	386486.69	10226	270953.33	386730.44	
10152	271177. 70	386034.49	10177	271098.06	386271.10	10202	270988.52	386495.81	10227	270954.24	386740.40	
10153	271175. 43	386044.23	10178	271093.95	386280.22	10203	270984.60	386505.01	10228	270955.17	386750.36	
10154	271173.06	386053.94	10179	271089.76	386289.30	10204	270980.88	386514.29	10229	270956.11	386760.31	
10155	271170. 60	386063.64	10180	271085.50	386298.35	10205	270977.37	386523.65	10230	270957.04	386770.27	
10156	271168. 04	386073.30	10181	271081.17	386307.36	10206	270974.08	386533.10	10231	270958.03	386780.22	
10157	271165. 39	386082.95	10182	271076.86	386316.13	10207	270970.99	386542.61	10232	270959.13	386790.16	
10158	271162. 64	386092.56	10183	271072.31	386325.29	10208	270968.11	386552.18	10233	270960.39	386800.08	
10159	271159. 81	386102.15	10184	271067.86	386334.25	10209	270965.45	386561.82	10234	270961.87	386809.97	
10160	271156. 87	386111.71	10185	271063.42	386343.21	10210	270963.00	386571.52	10235	270963.64	386819.81	
10161	271153. 85	386121.24	10186	271058.97	386352.16	10211	270960.77	386581.27	10236	270965.71	386829.59	
10162	271150. 74	386130.74	10187	271054.53	386361.12	10212	270958.76	386591.06	10237	270968.08	386839.31	
10163	271147. 61	386140. 24	10188	271050.08	386370.08	10213	270956.96	386600.90	10238	270970.76	386848.94	
10164	271143. 59	386152. 43	10189	271045.63	386379.04	10214	270955.38	386610.77	10239	270973.74	386858.49	
10165	271141. 35	386159. 24	10190	271041.19	386387.99	10215	270954.03	386620.68	10240	270977.01	386867.94	
10166	271138. 17	386168.72	10191	271036.74	386396.95	10216	270952.89	386630.61	10241	270980.58	386877.28	
10167	271134. 91	386178.17	10192	271032.30	386405.91	10217	270951.98	386640.57	10242	270984.43	386886.50	
10168	271131. 58	386187.60	10193	271027.85	386414.87	10218	270951.28	386650.55	10243	270988.58	386895.60	
10169	271128. 16	386197.00	10194	271023.40	386423.82	10219	270950.81	386660.54	10244	270993.01	386904.57	
10170	271124.67	386206.37	10195	271018.96	386432.78	10220	270950.56	386670.53	10245	270997.71	386913.39	
10171	271121. 10	386215.71	10196	271014.51	386441.74	10221	270950.53	386680.53	10246	271002.69	386922.07	
10172	271117. 45	386225.02	10197	271010.07	386450.70	10222	270950.72	386690.53	10247	271007.93	386930.58	
10173	271113. 73	386234.30	10198	271005.62	386459.65	10223	270951.14	386700.52	10248	271013.44	386938.92	

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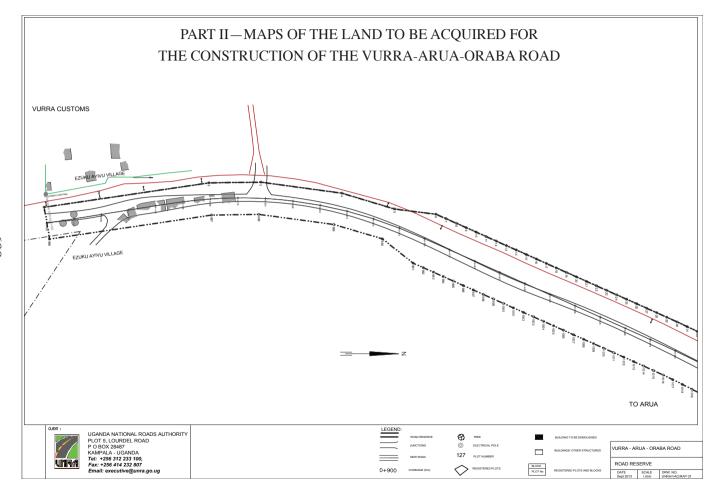
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Coordina		linates		Coord	linates	7.	Coord	linates		Coore	dinates
Point	E(Y)	N(X)	Point	E(Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
10249	271019. 21	386947.09	10274	271164.73	387449.74	10299	270947.58	387899.13	10324	270574.78	388159.78
10250	271031.50	386962.87	10275	271157.76	387468.49	10300	270940.33	387917.77	10325	270555.14	388156.01
10251	271072. 16	387006.97	10276	271150.75	387487.22	10301	270933.09	387936.42	10326	270535.73	388151.20
10252	271099. 14	387036. 49	10277	271143.46	387505.84	10302	270925.76	387955.02	10327	270516.48	388145.80
10253	271111.74	387052.03	10278	271135.54	387524.21	10303	270917.96	387973.44	10328	270497.26	388140.24
10254	271123. 54	387068. 17	10279	271126.77	387542.18	10304	270909.28	387991.45	10329	270478.05	388134.68
10255	271134. 52	387084.88	10280	271117.35	387559.82	10305	270899.50	388008.90	10330	270458.84	388129.12
10256	271144. 65	387102.13	10281	271107.61	387577.29	10306	270888.65	388025.70	10331	270439.63	388123.56
10257	271153. 91	387119.85	10282	271097.83	387594.73	10307	270876.78	388041.79	10332	270420.42	388118.00
10258	271162. 27	387138. 02	10283	271088.05	387612.18	10308	270863.92	388057.10	10333	270401.21	388112.44
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10266	271194. 81	387293. 59	10291	271010.51	387752.13	10316	270732.46	388145.36	10341	270247.51	388067.96
10267	271194. 44	387313. 58	10292	271001.57	387770.01	10317	270713.42	388151.46	10342	270228.31	388062.36
10268	271193. 06	387333. 53	10293	270992.98	387788.08	10318	270694.03	388156.36	10343	270209.57	388055.41
10269	271190. 69	387353. 39	10294	270984.76	387806.31	10319	270674.38	388160.03	10344	270191.69	388046.48
10270	271187. 33	387373. 10	10295	270976.91	387824.70	10320	270654.53	388162.48	10345	270174.51	388036.24
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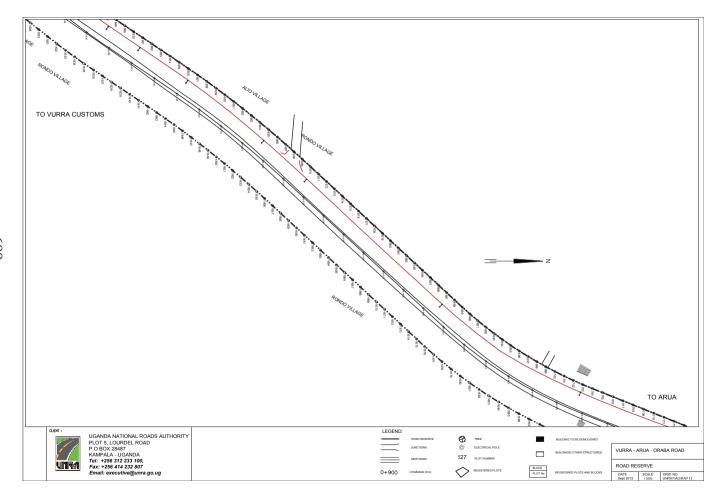
VURRA - ARUA -ORABA ROAD PROJECT

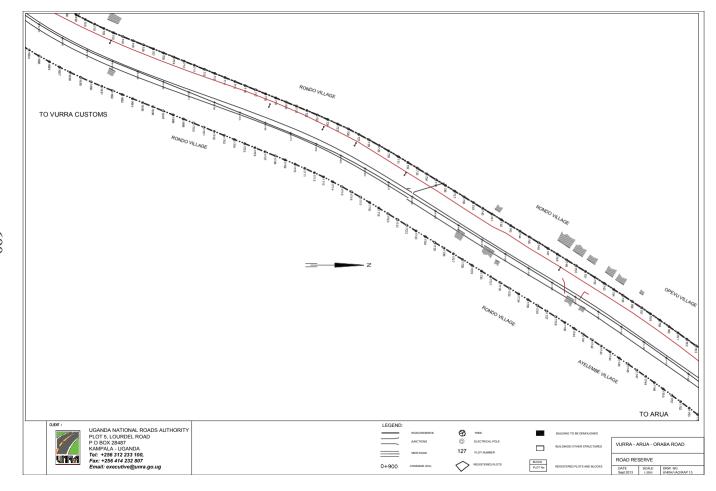
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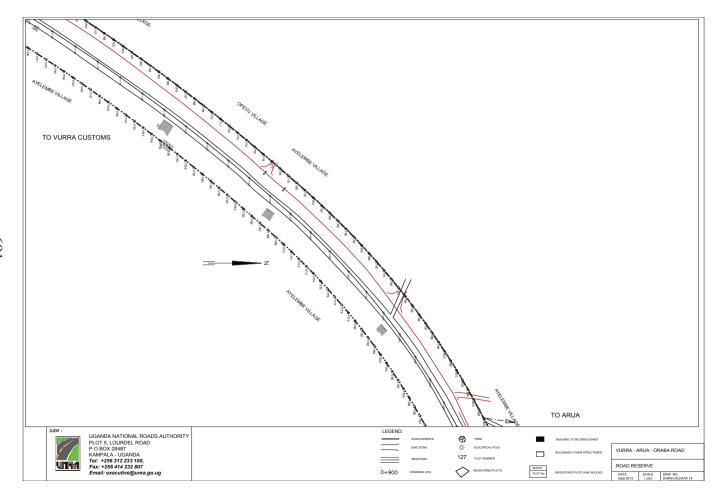
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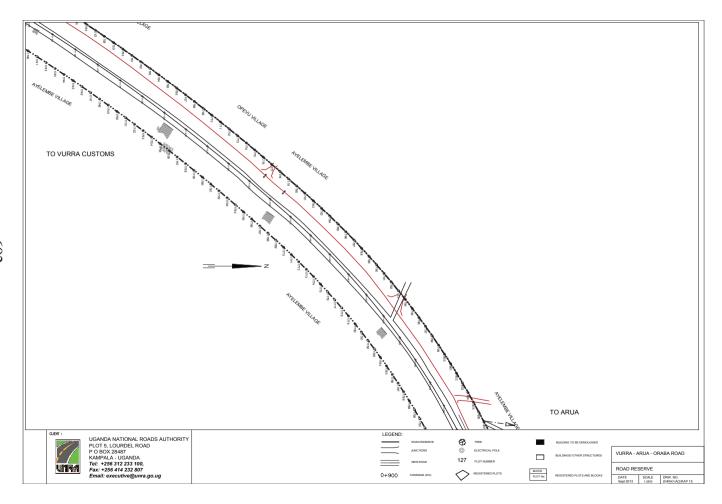
										1 age	
D	Coord	linates		Coord	dinates		Coord	linates		Coordinates	
Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)	Point	E (Y)	N(X)
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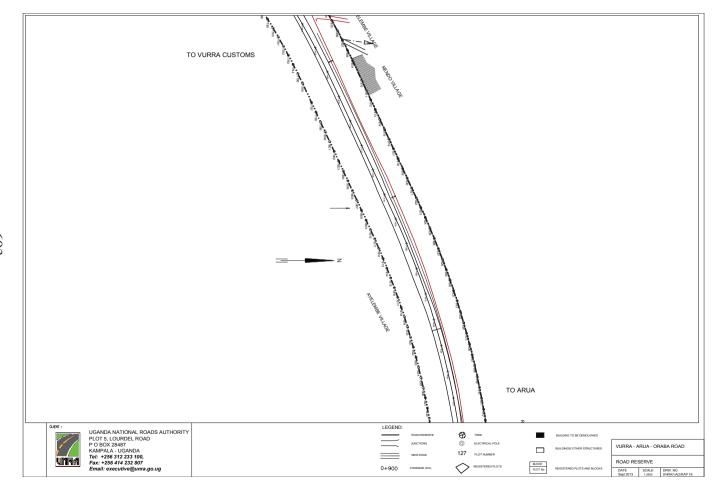


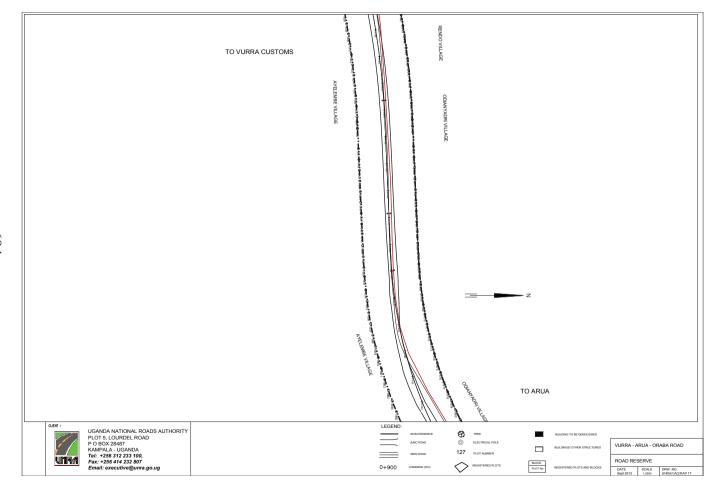


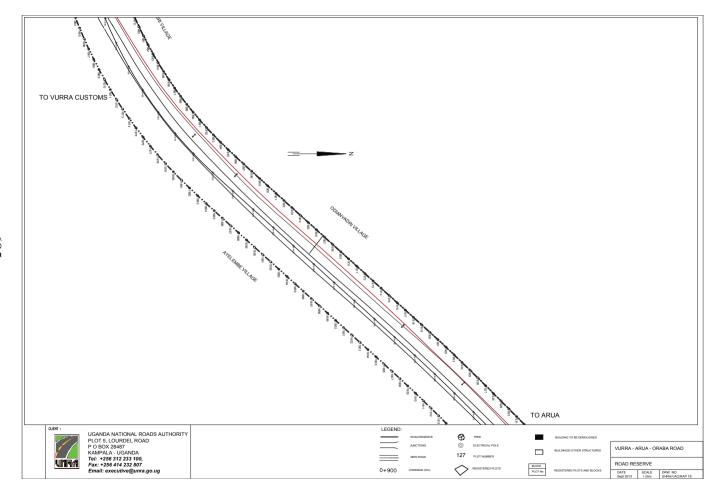


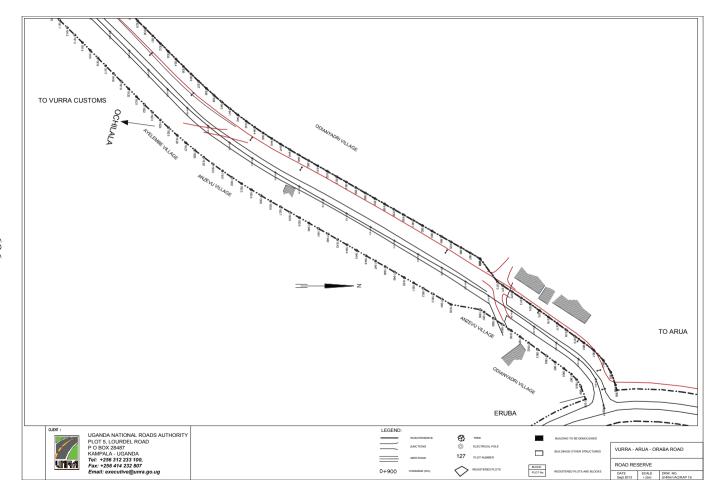


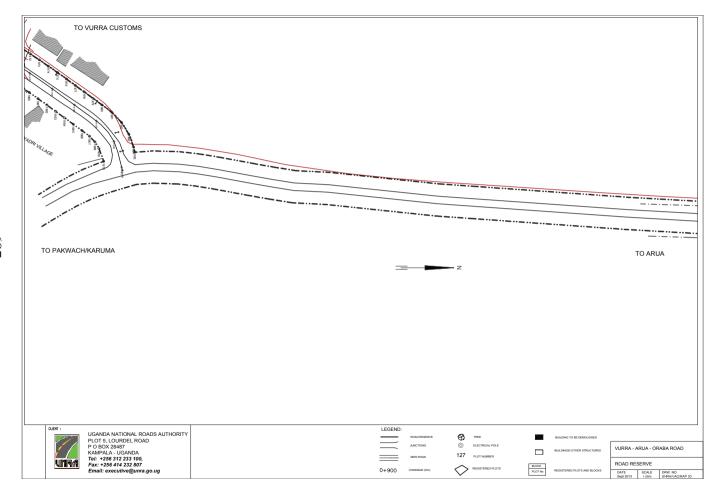


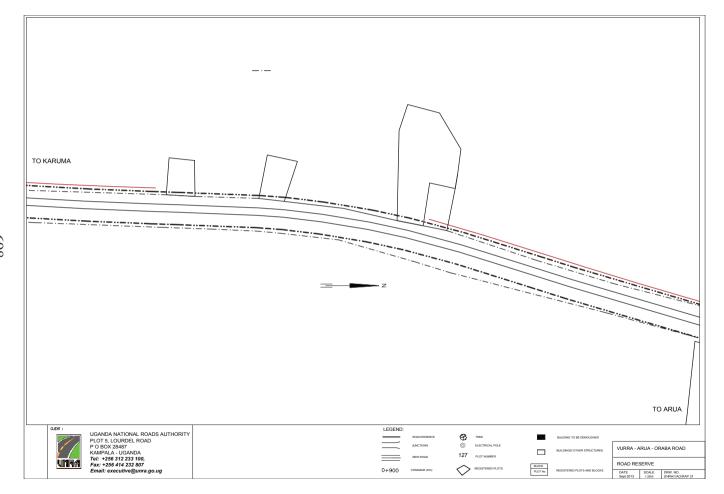


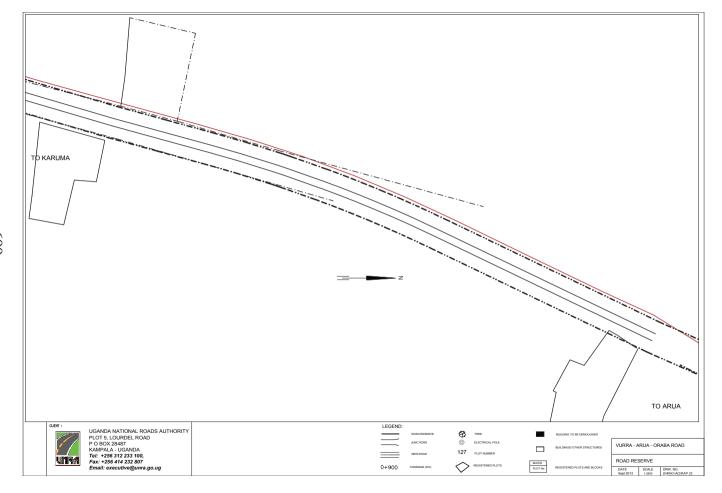


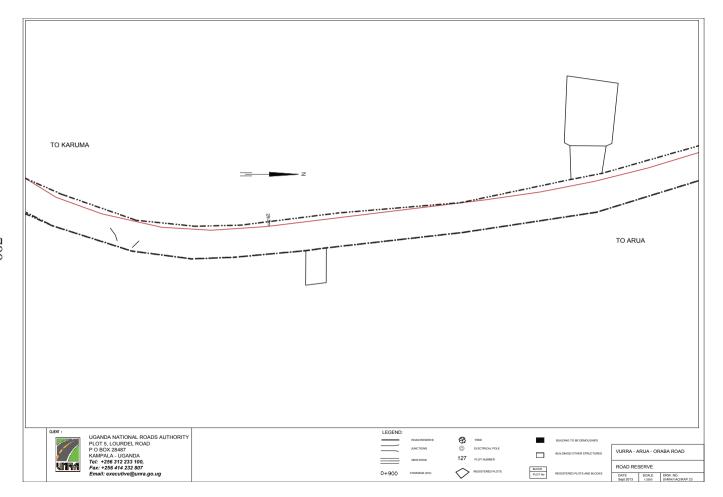


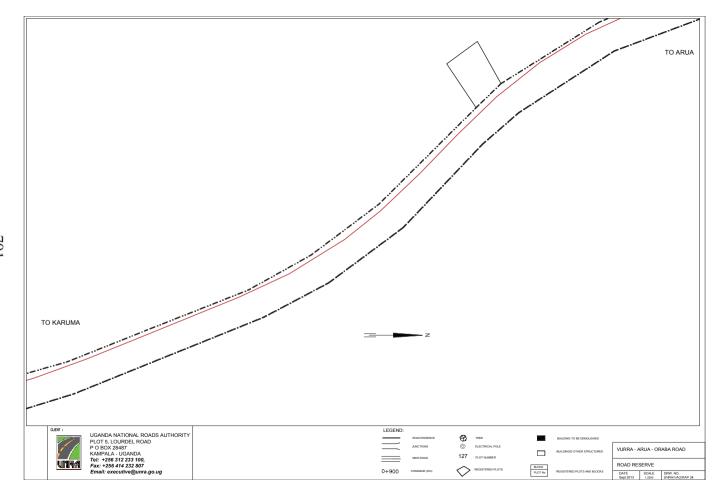


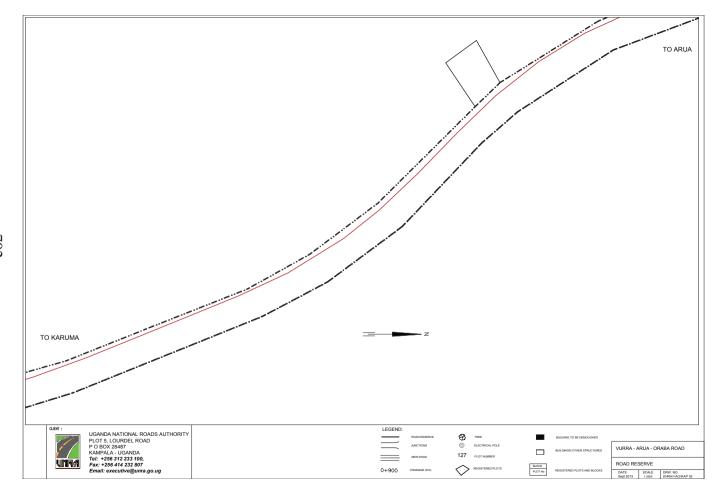


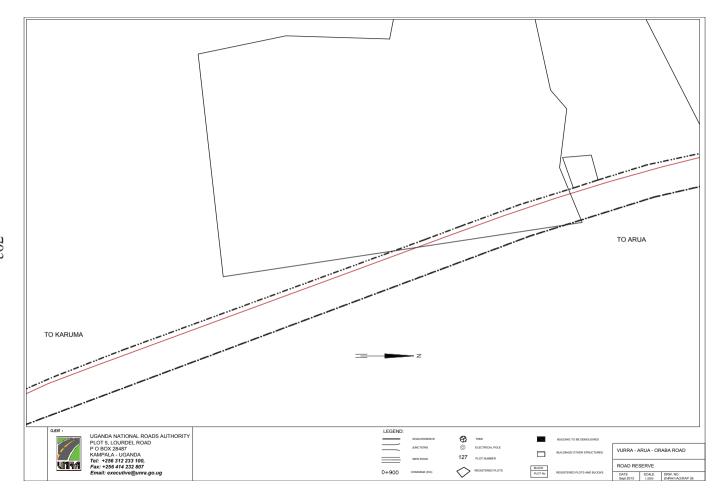


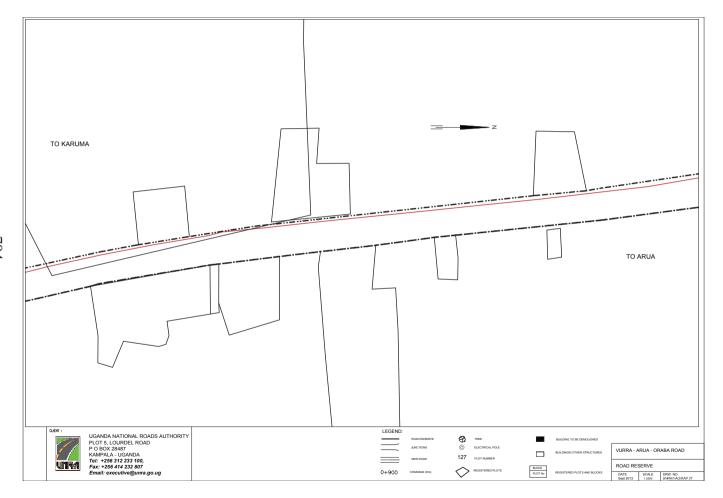


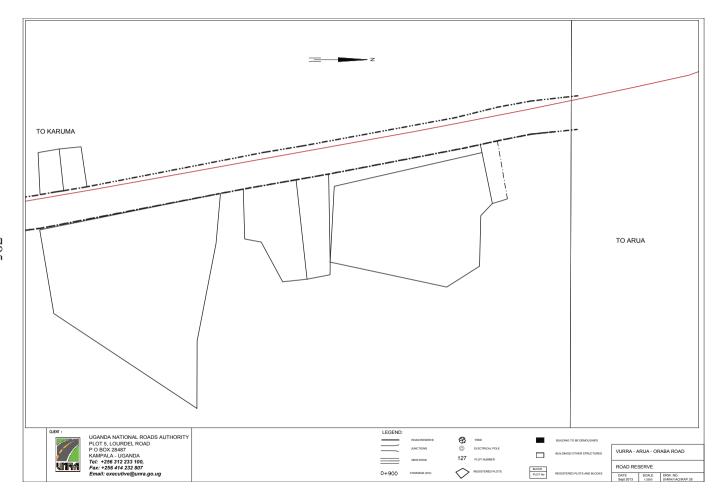


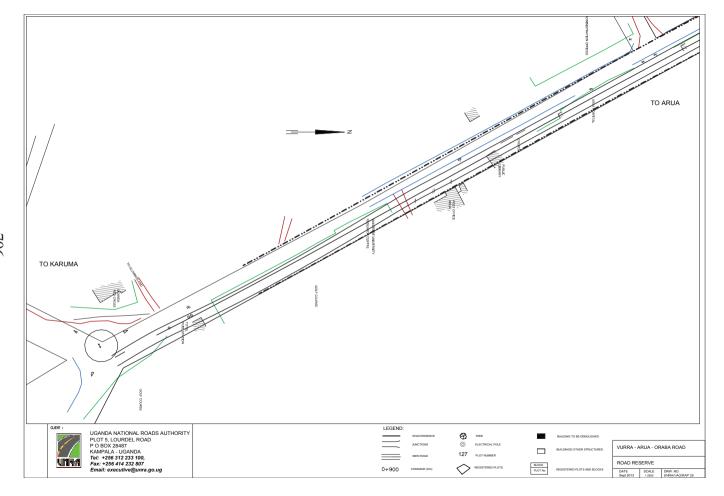


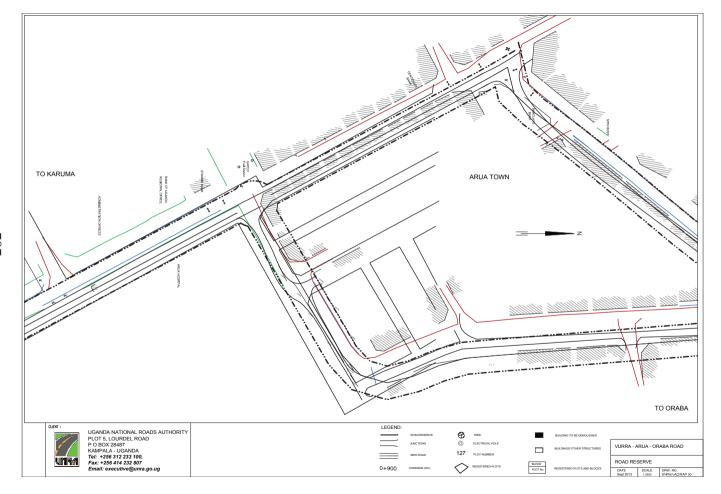


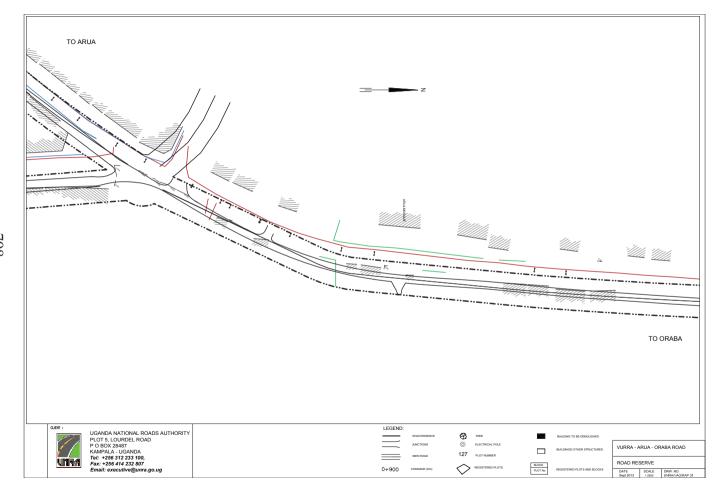


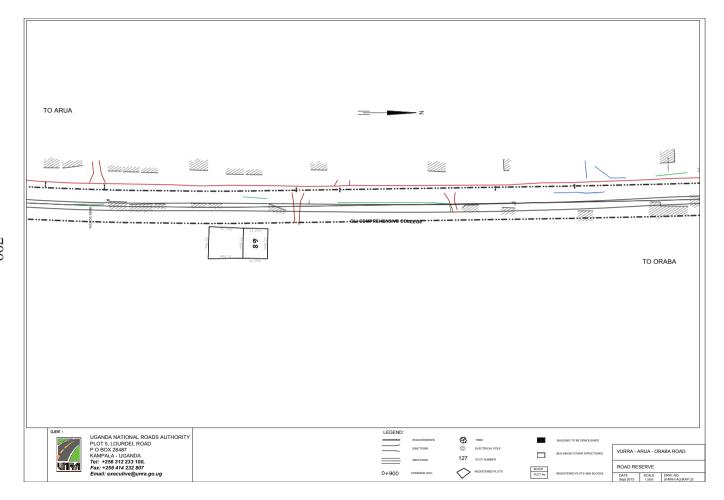


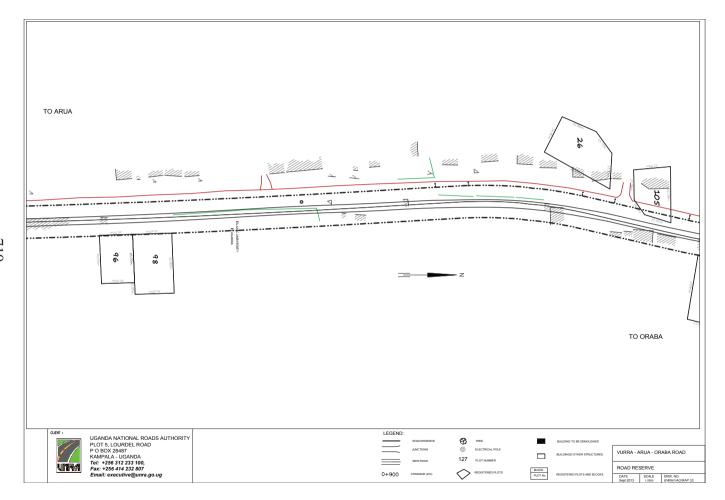


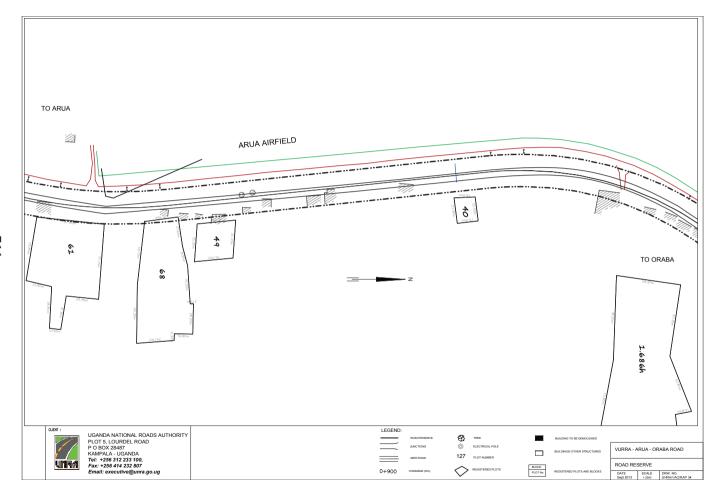


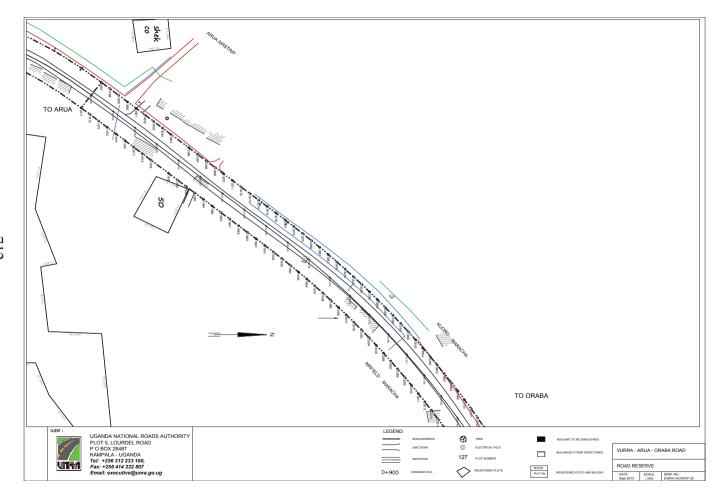


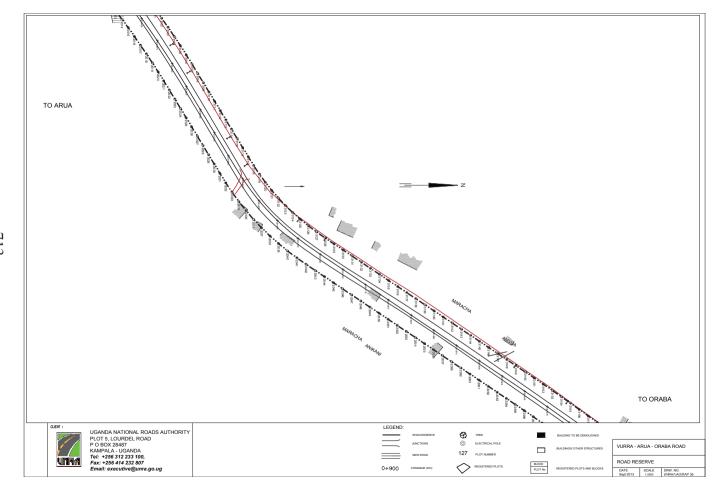


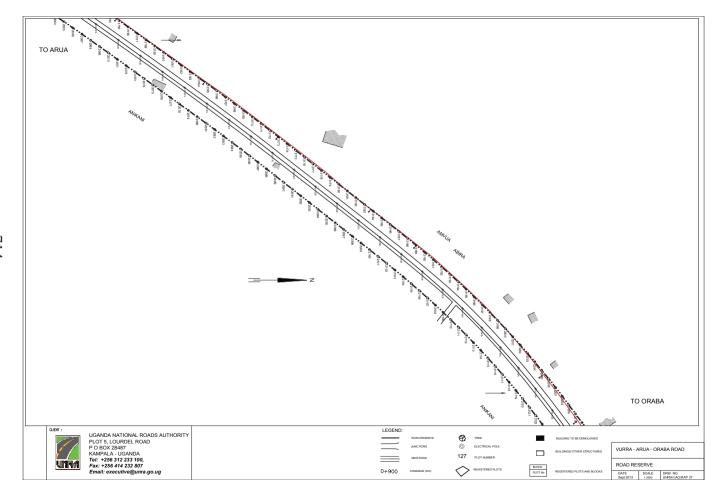


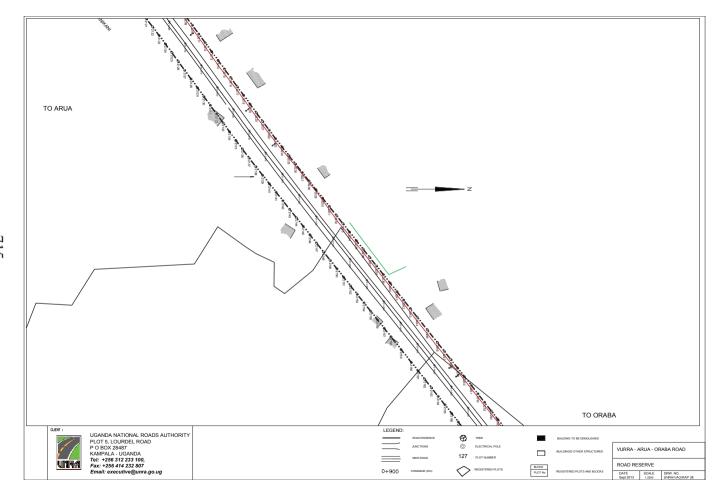


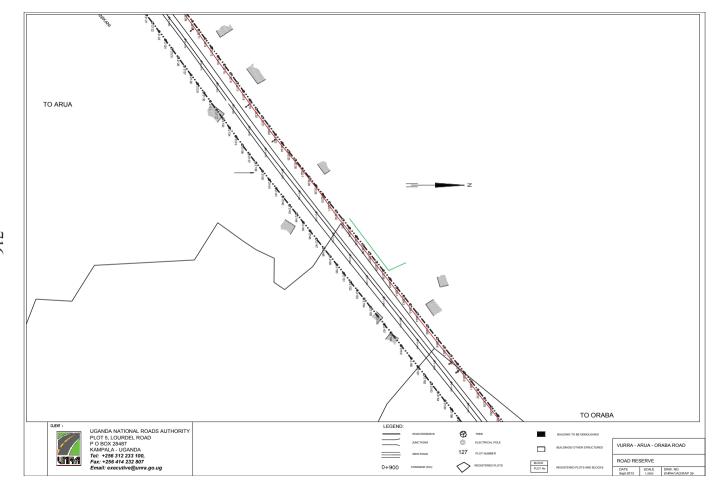


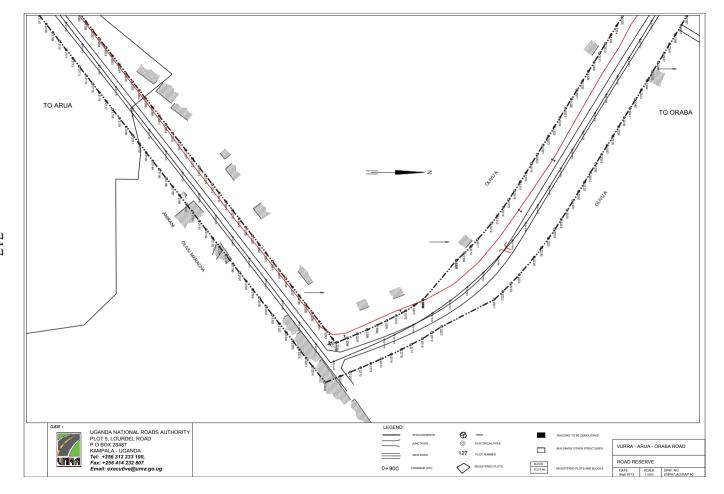


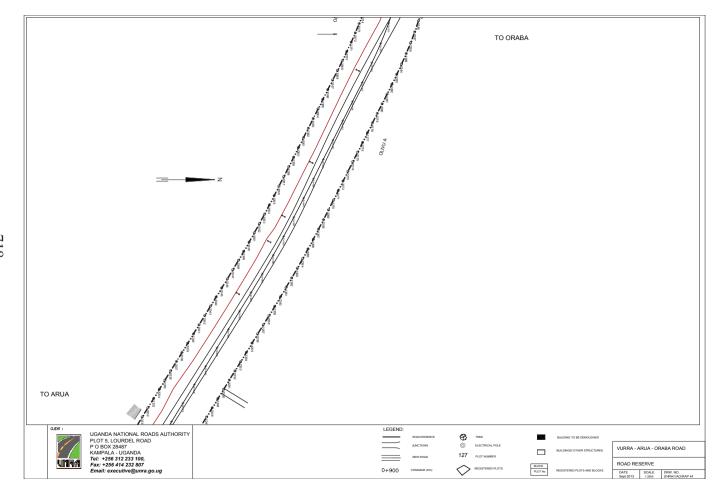


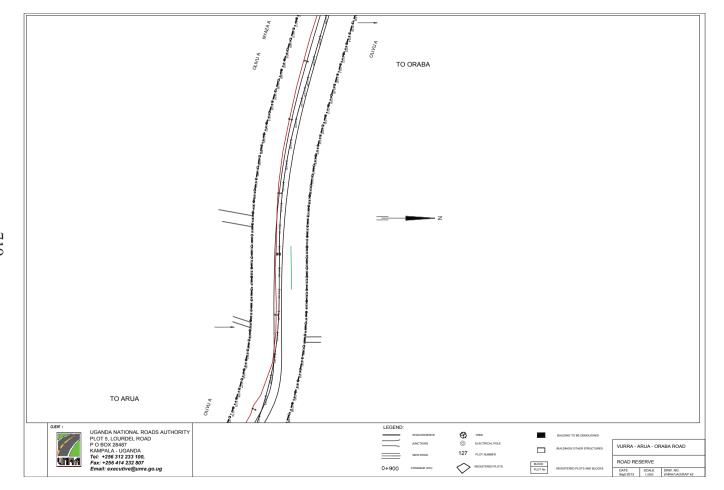


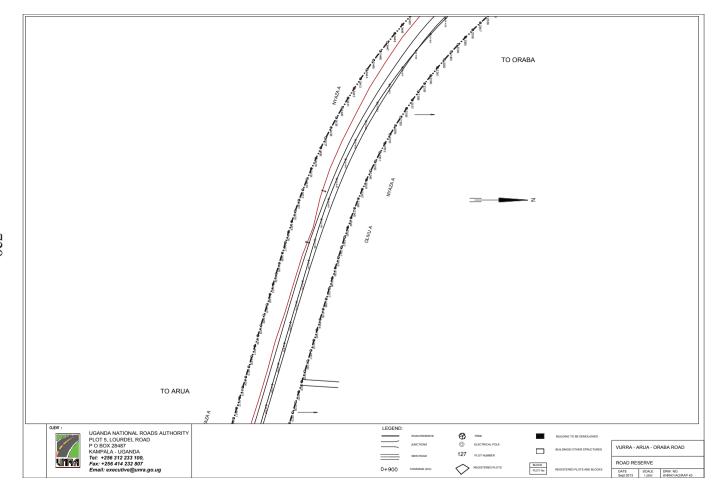


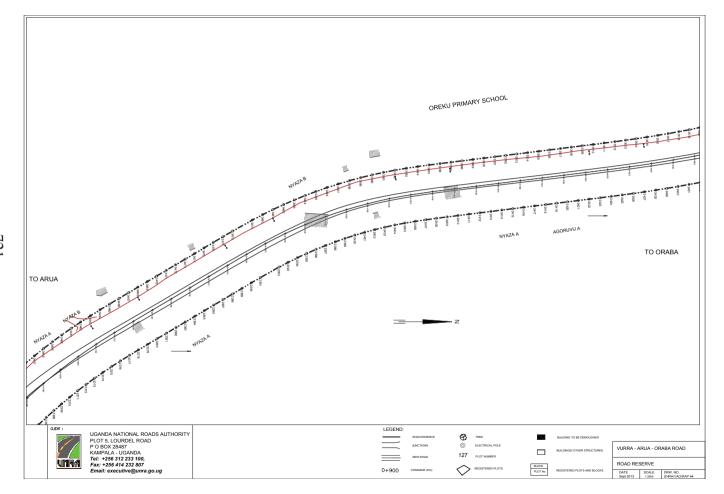


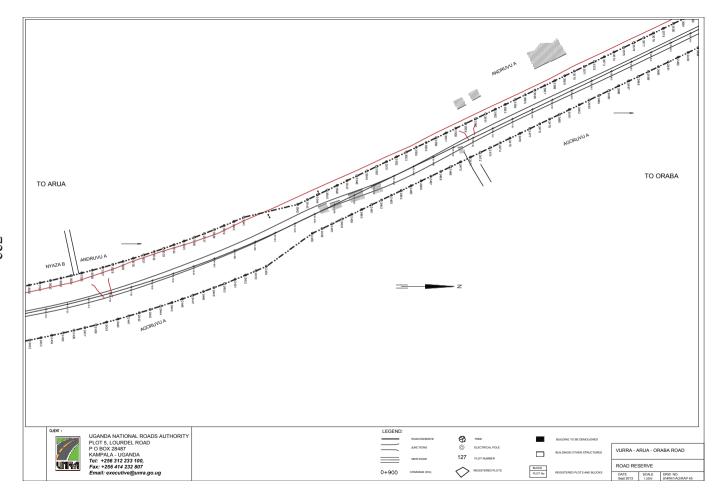


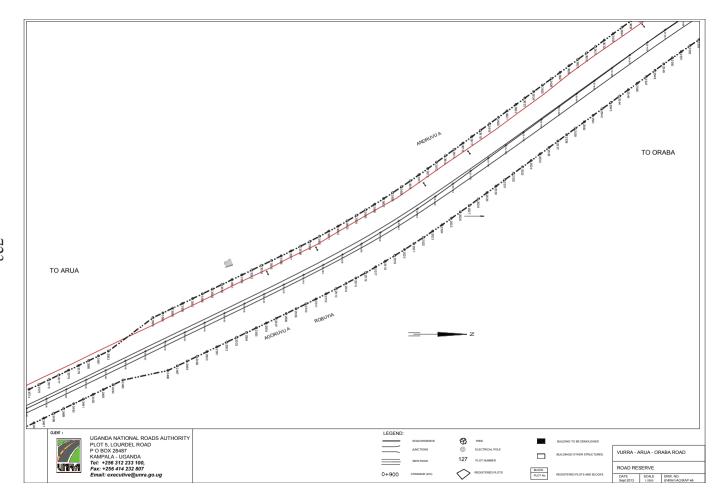


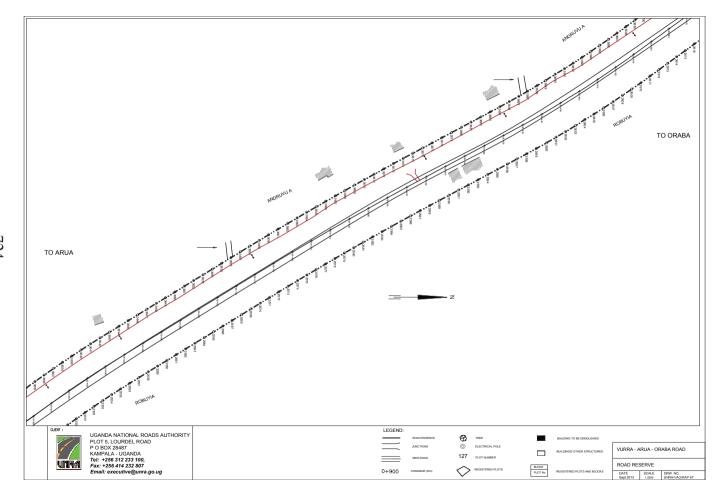


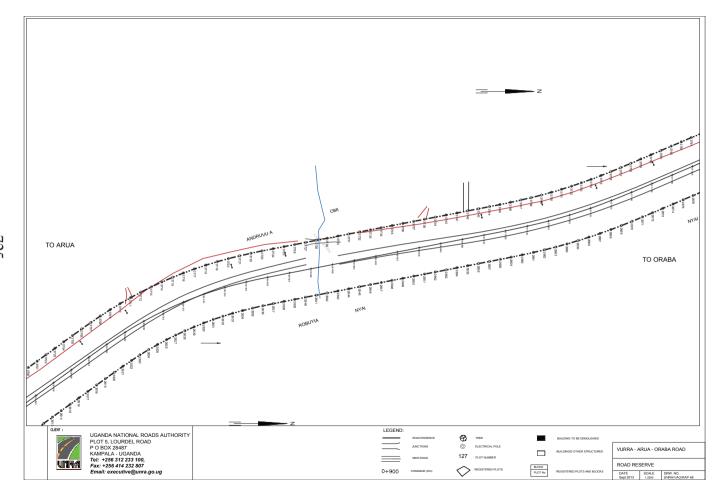


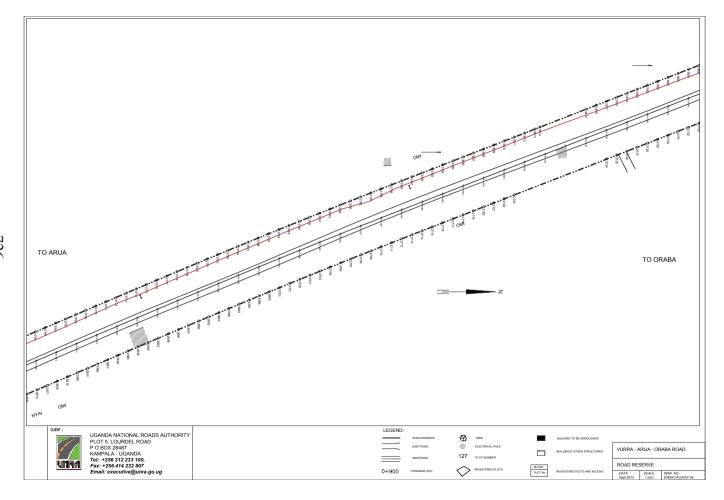


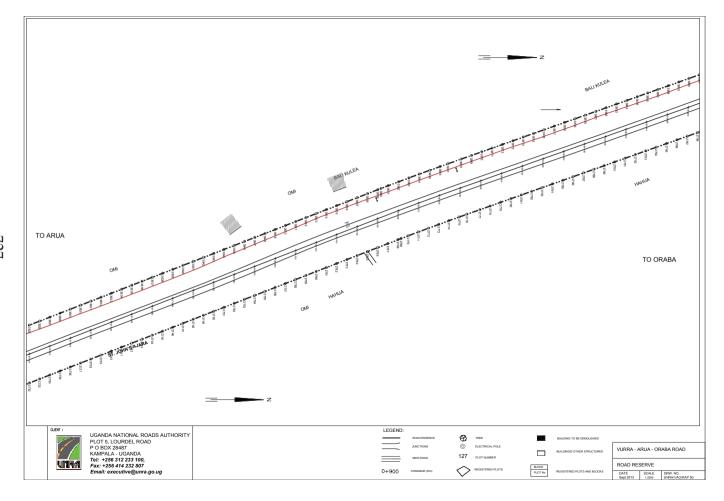


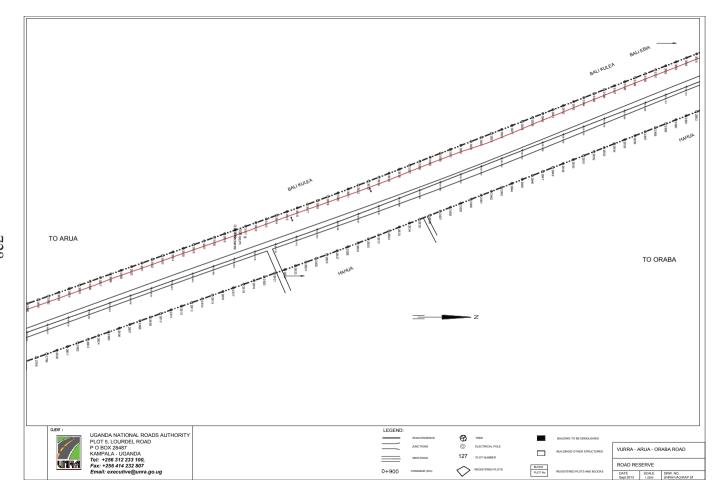


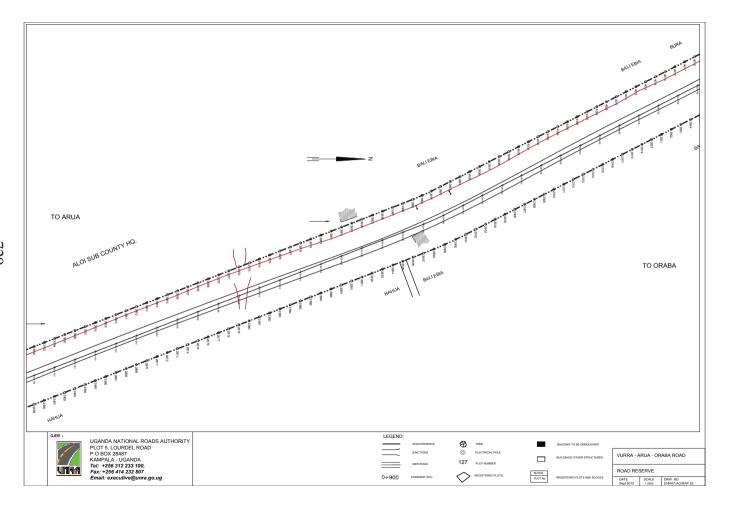


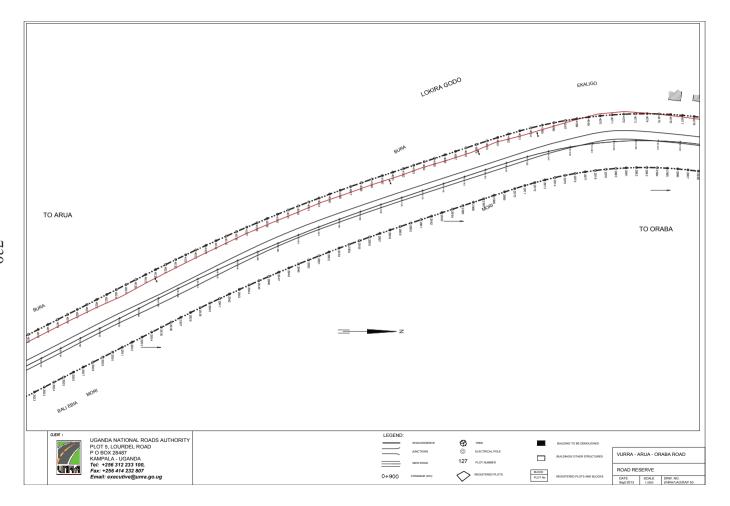


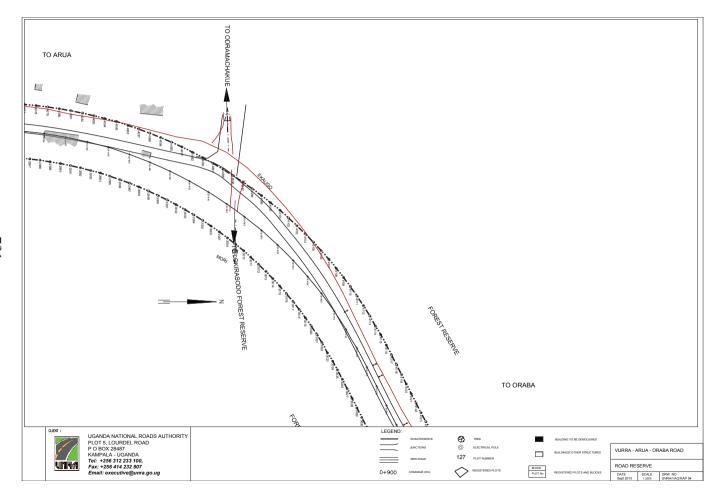


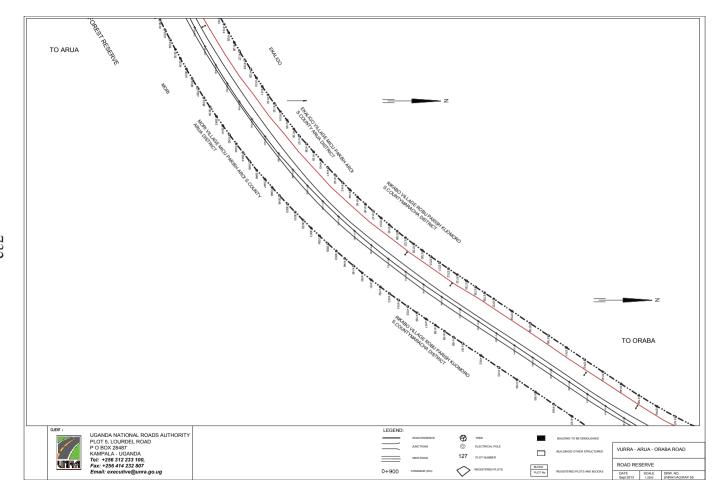


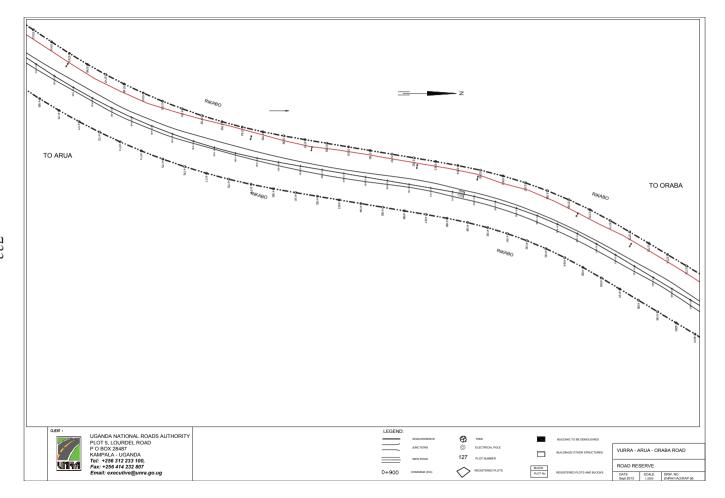


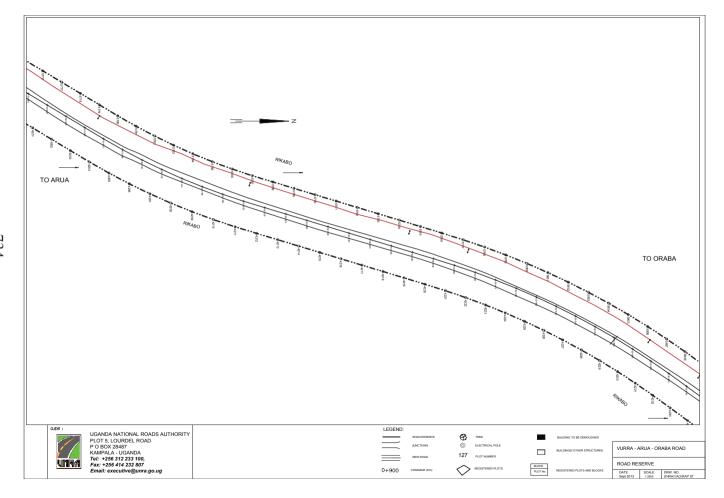


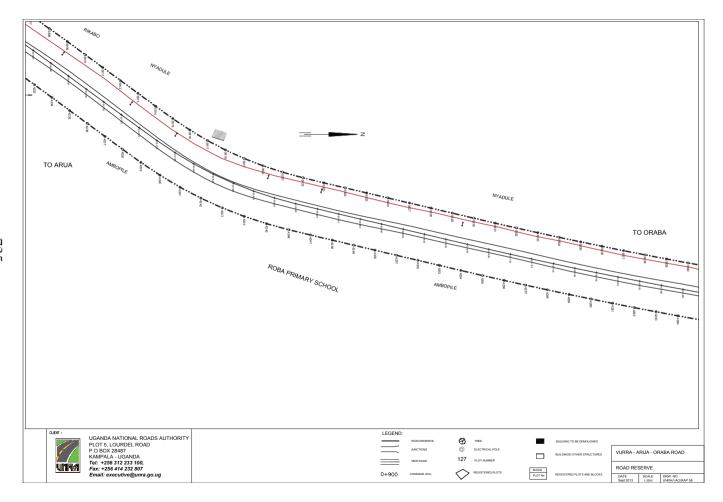


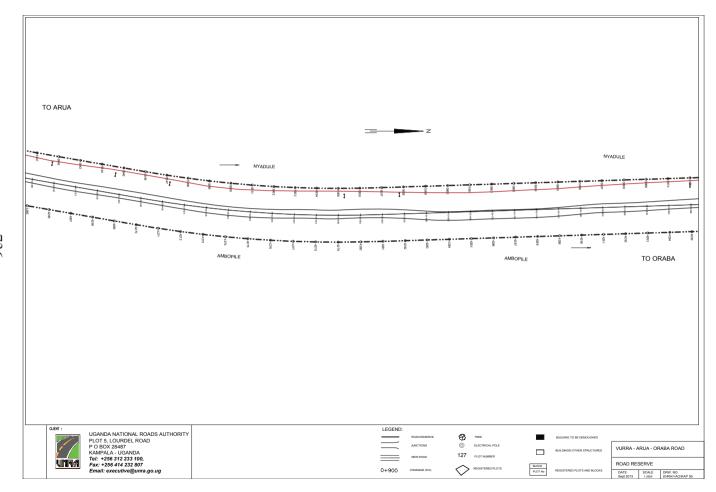


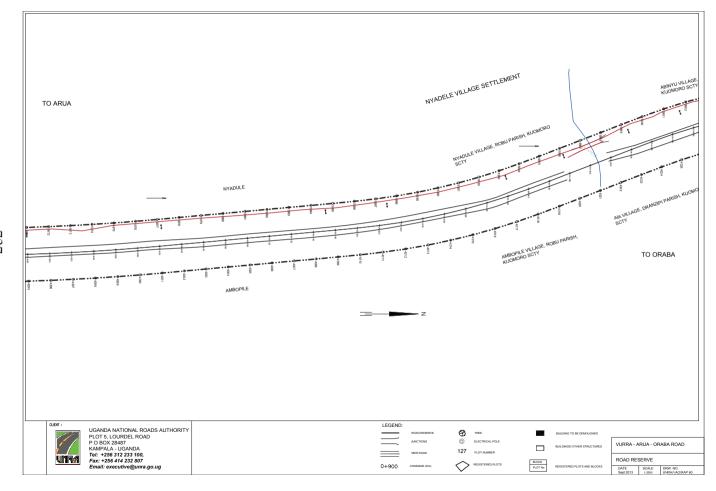


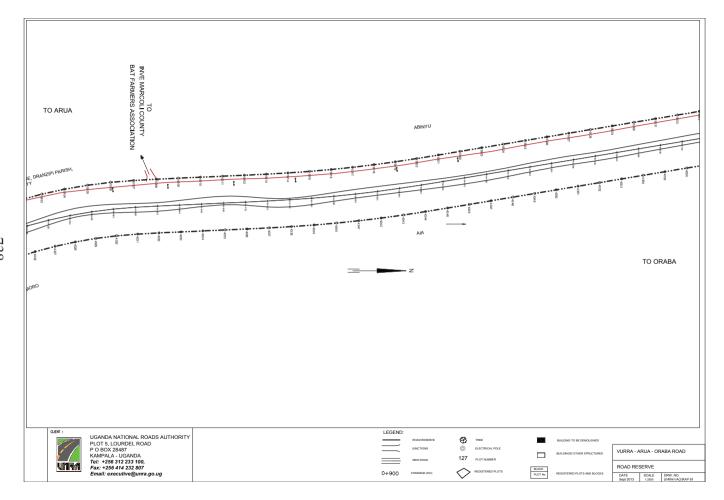


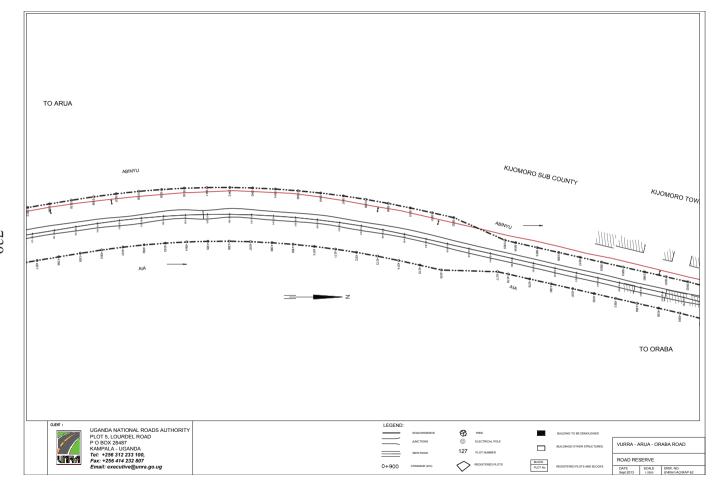


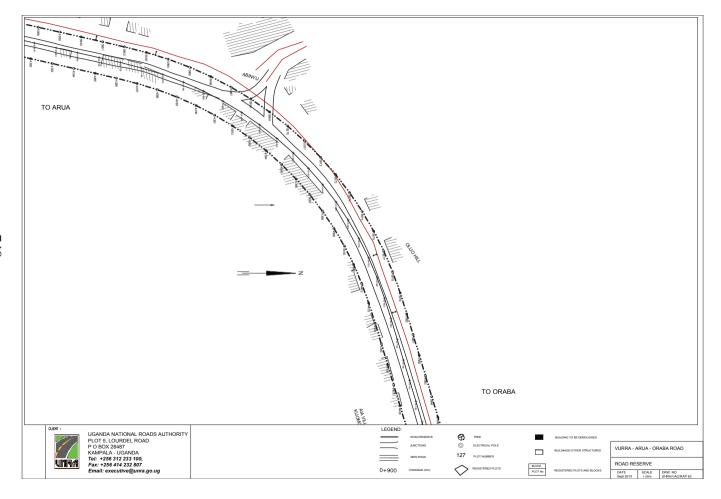


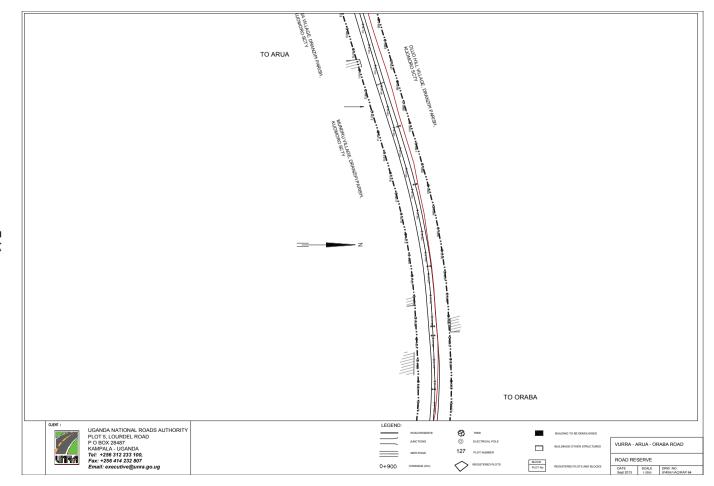


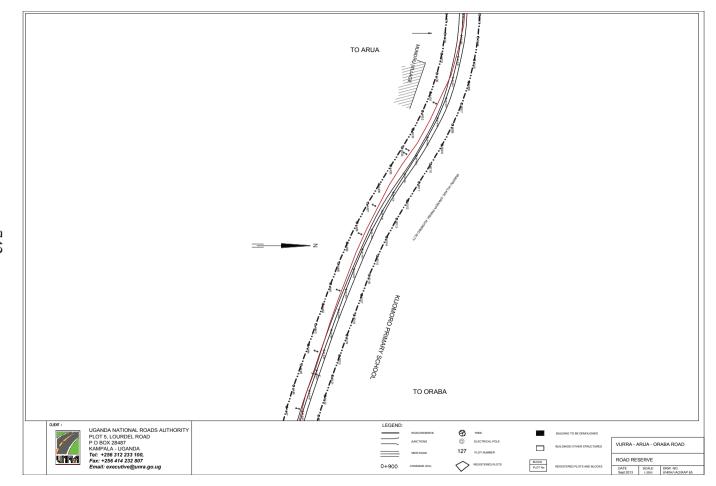


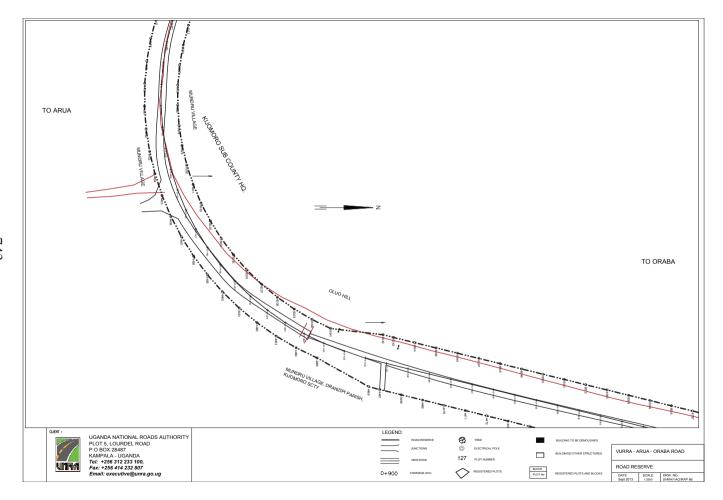


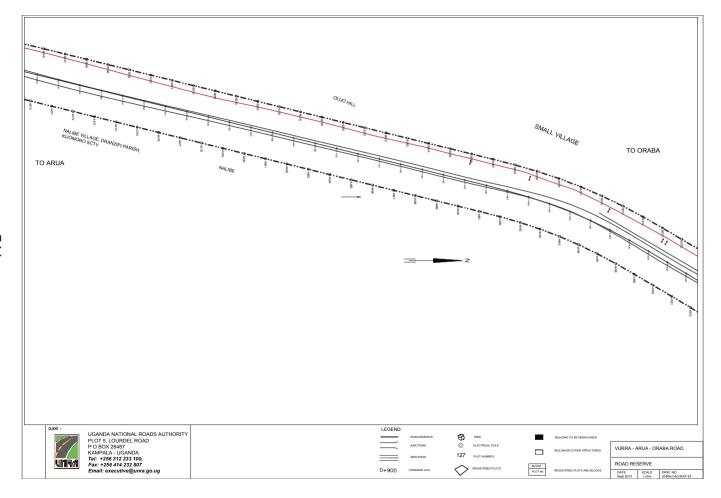


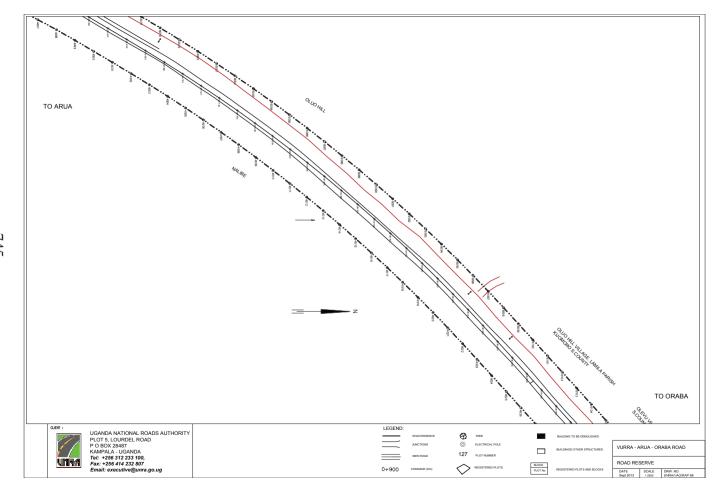


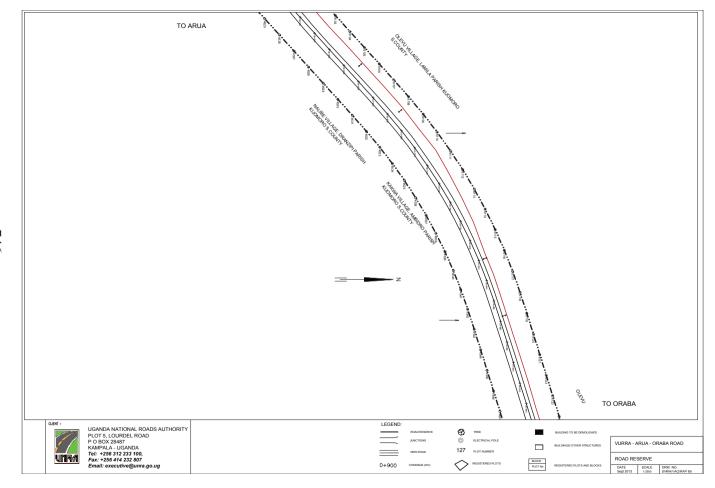


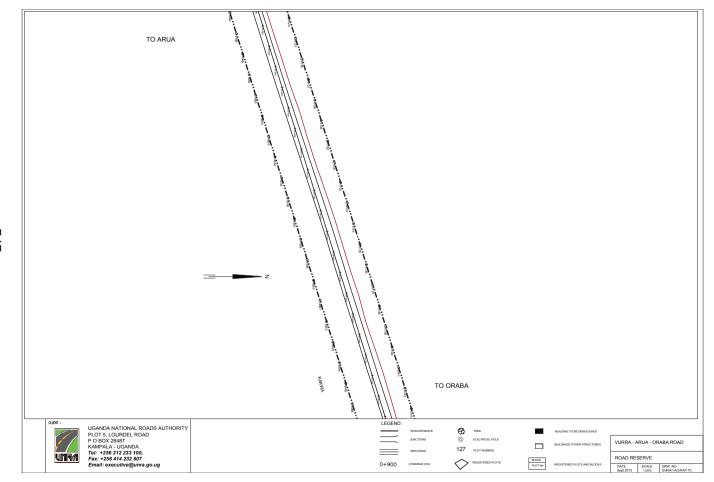


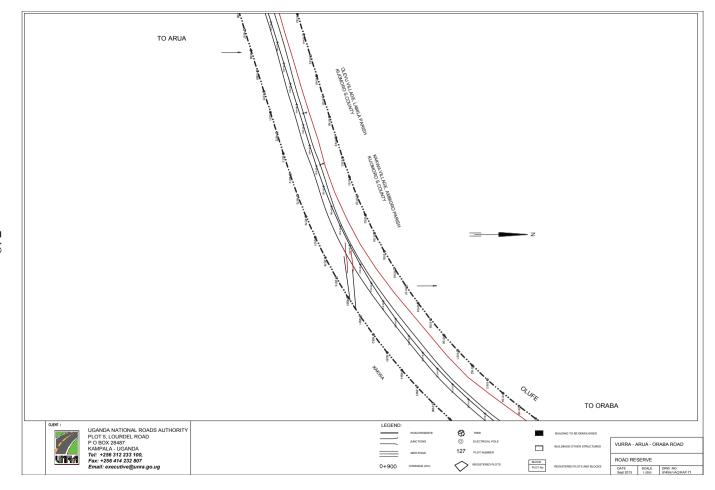


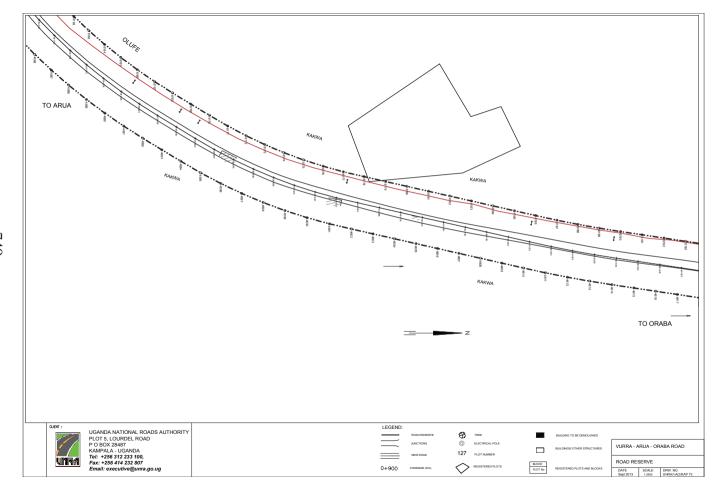


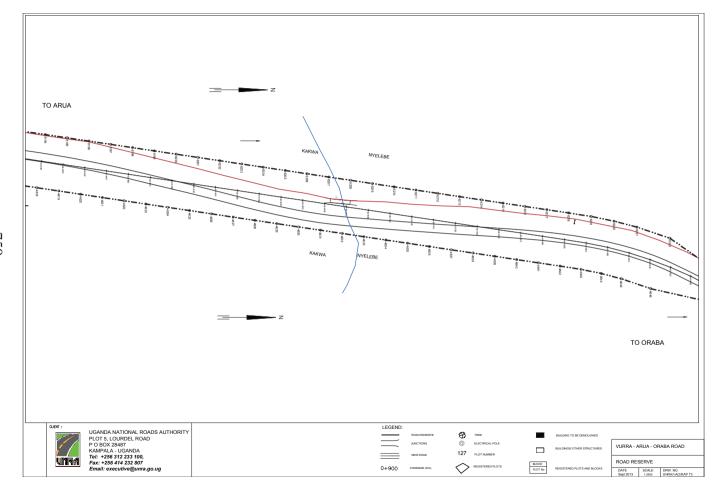


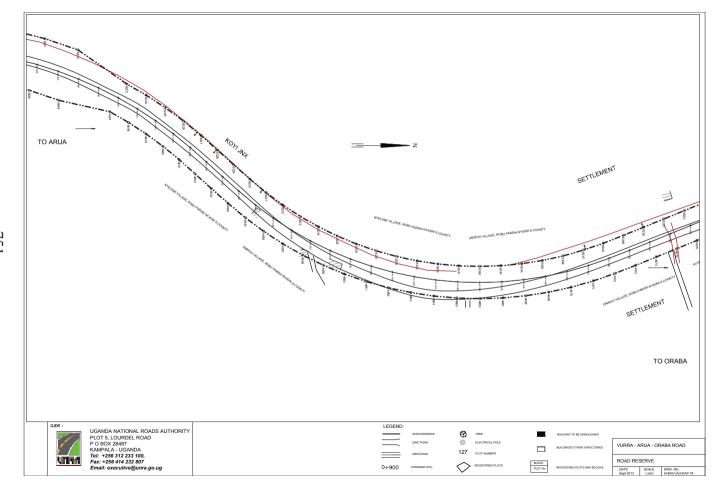


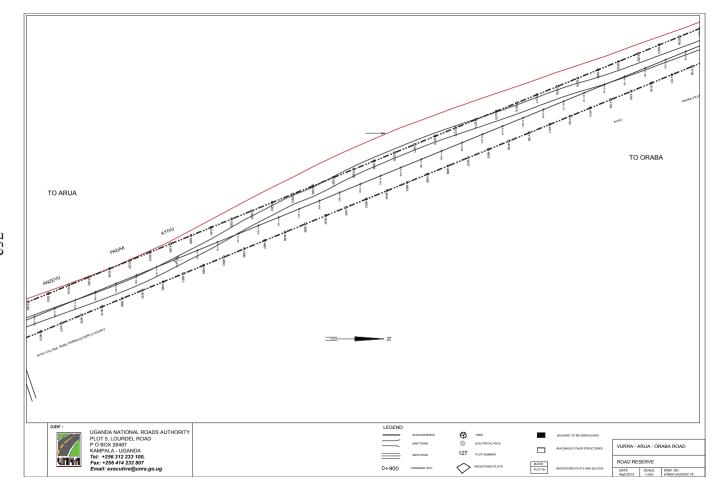


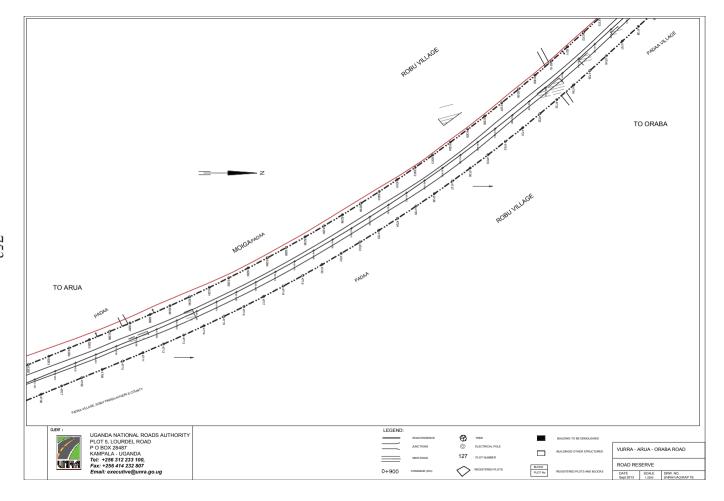


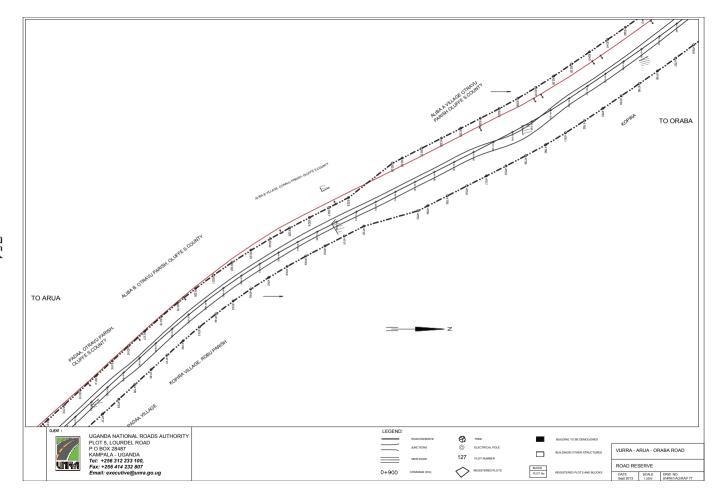


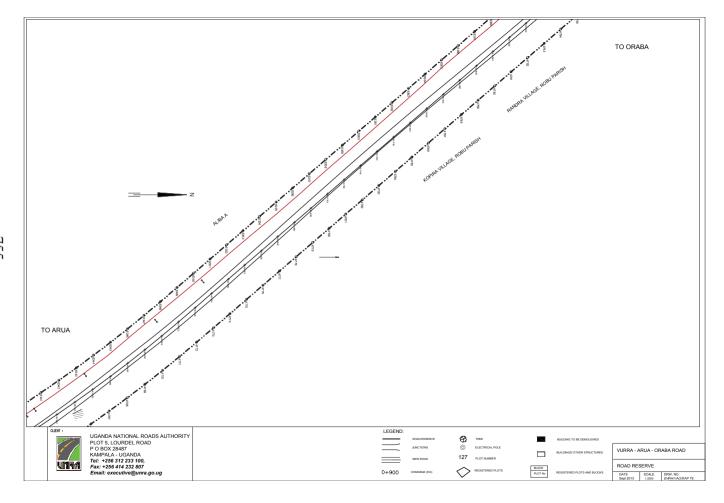


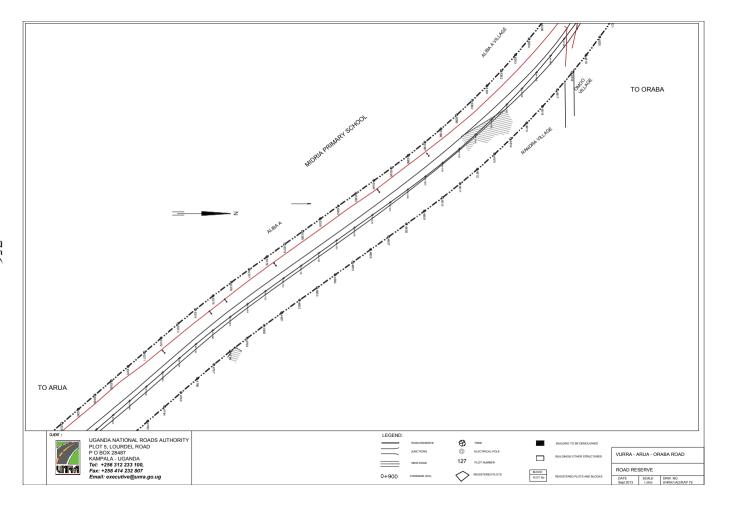


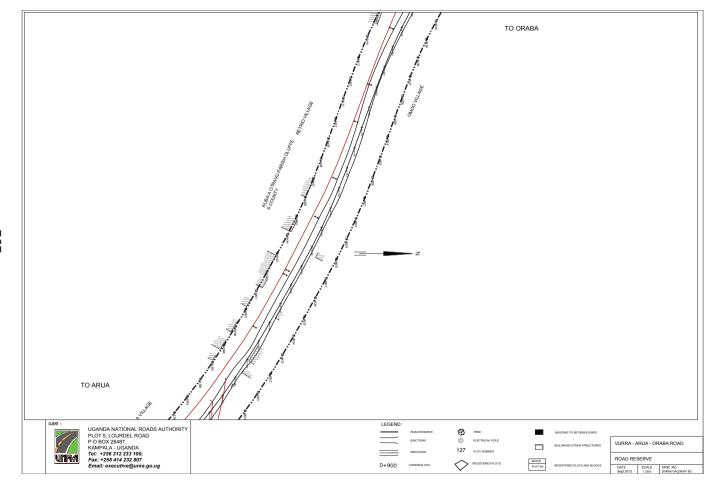


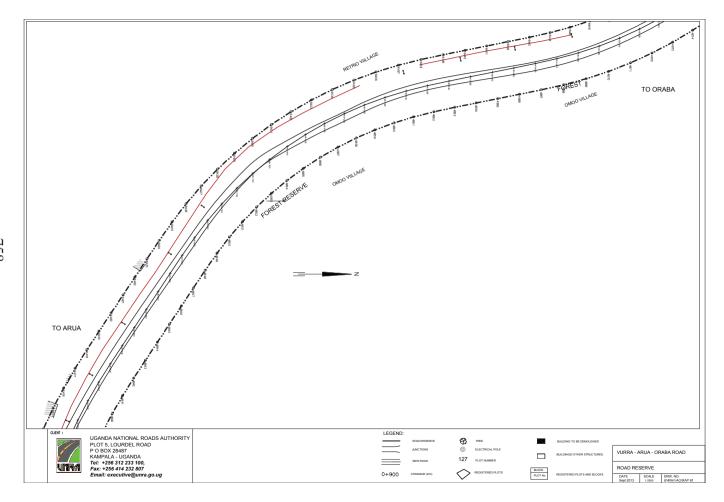


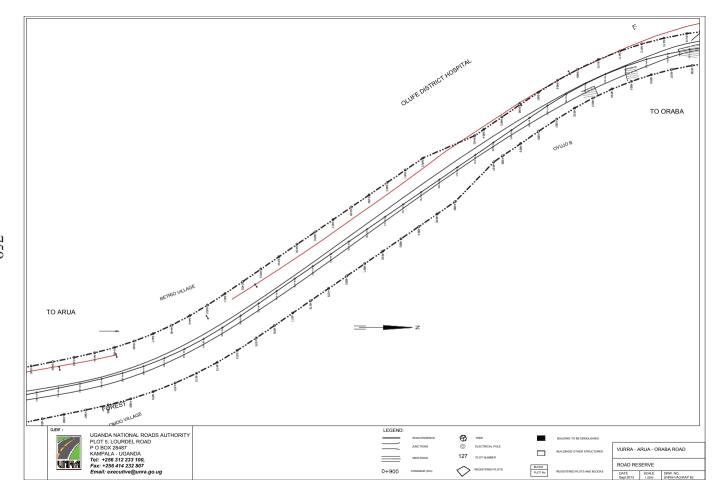


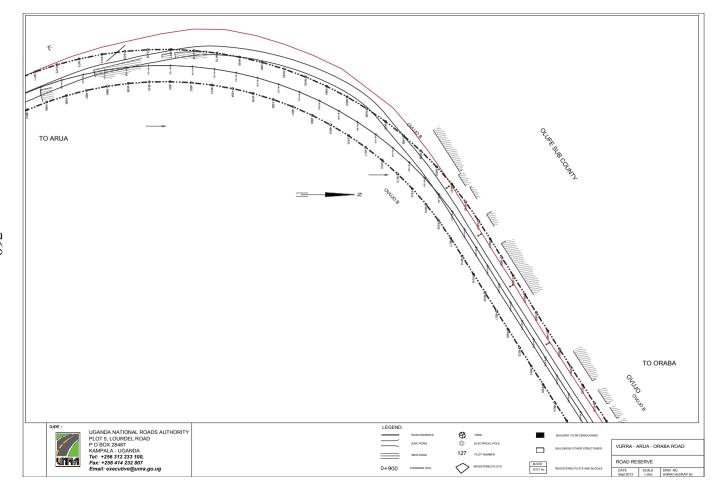


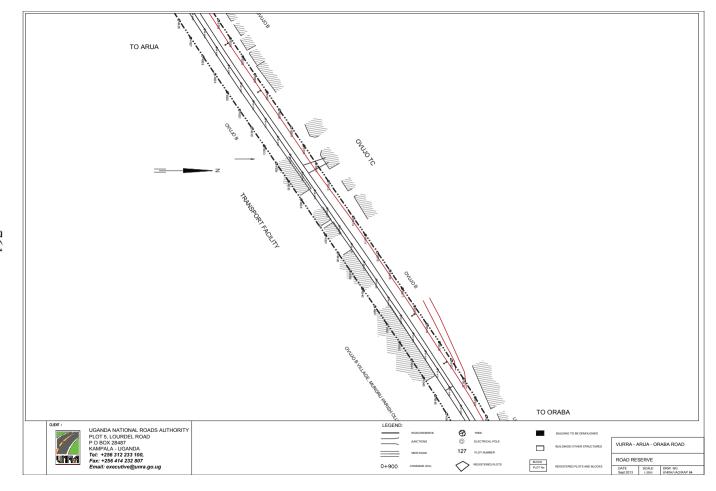


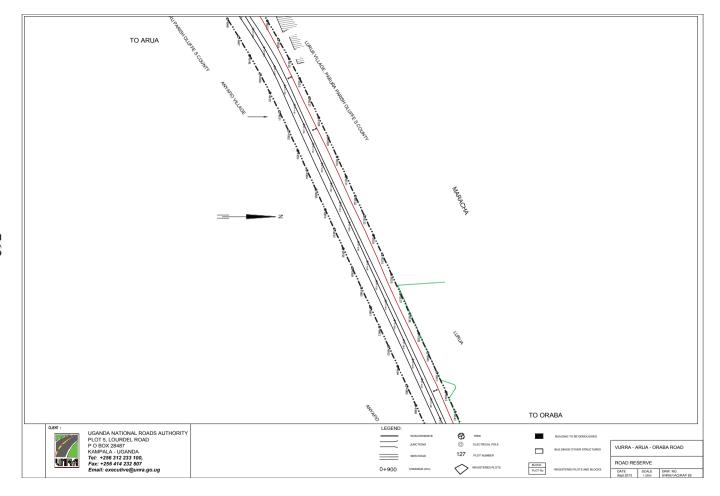


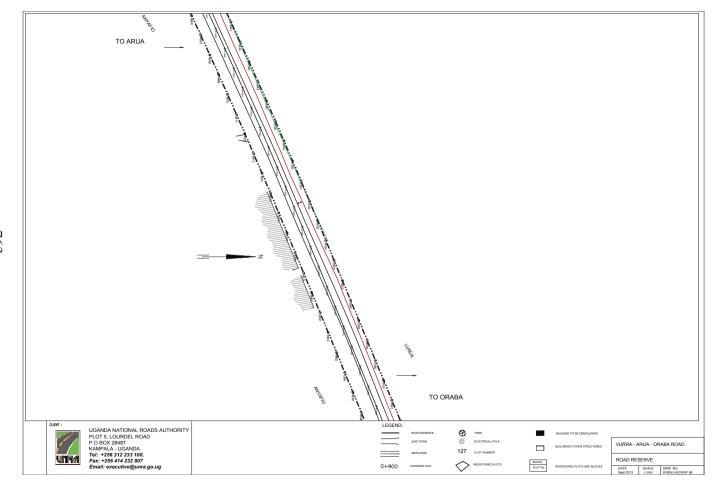


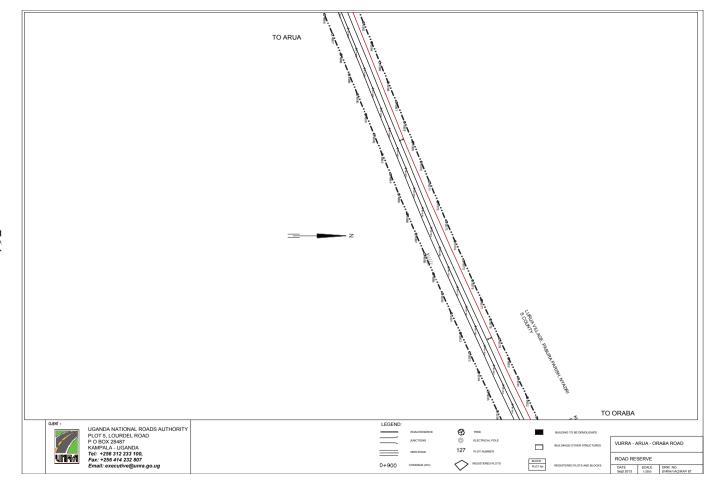


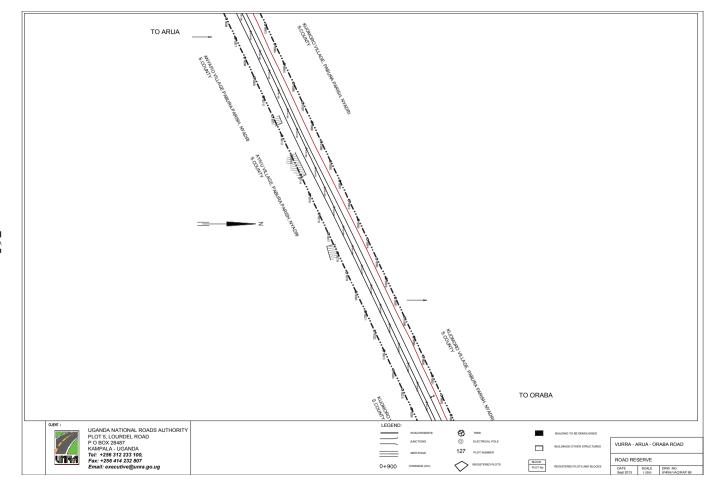


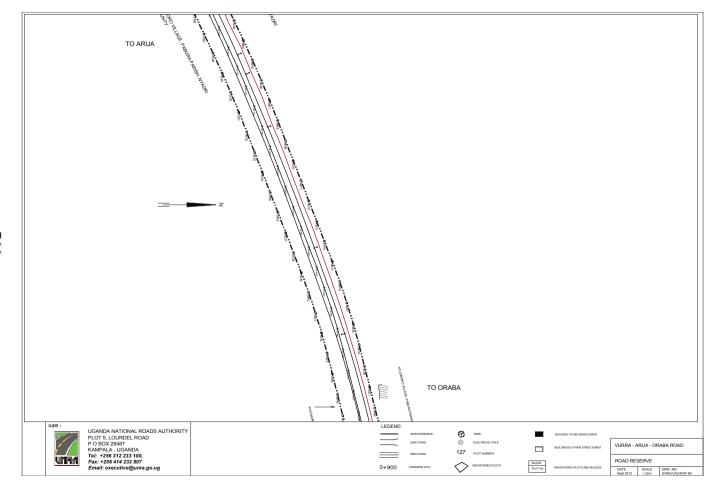


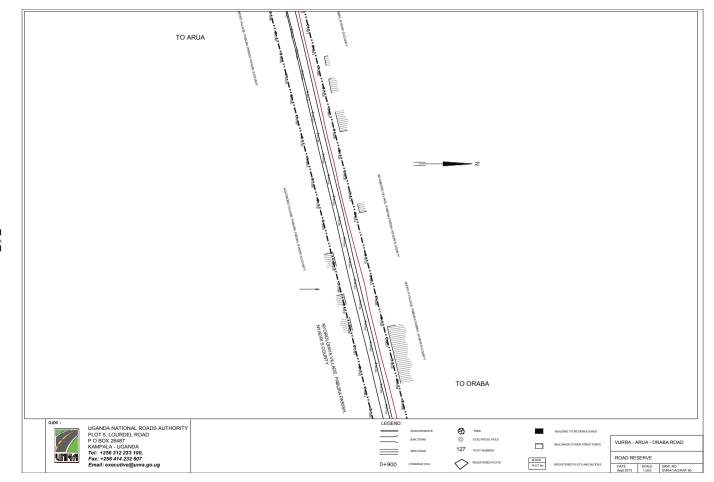


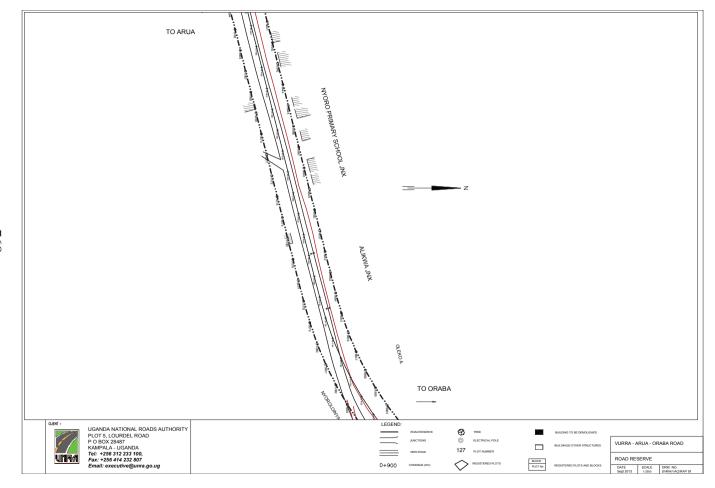


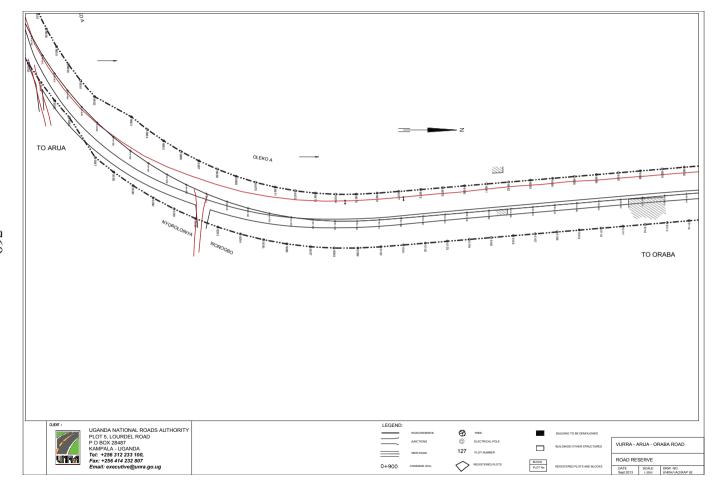


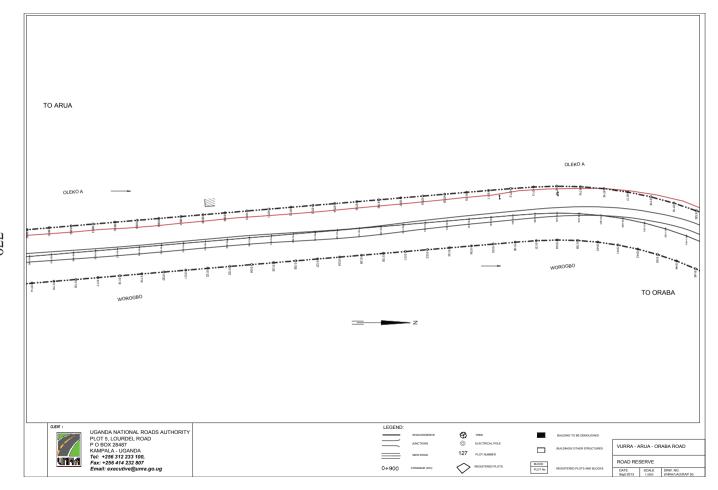


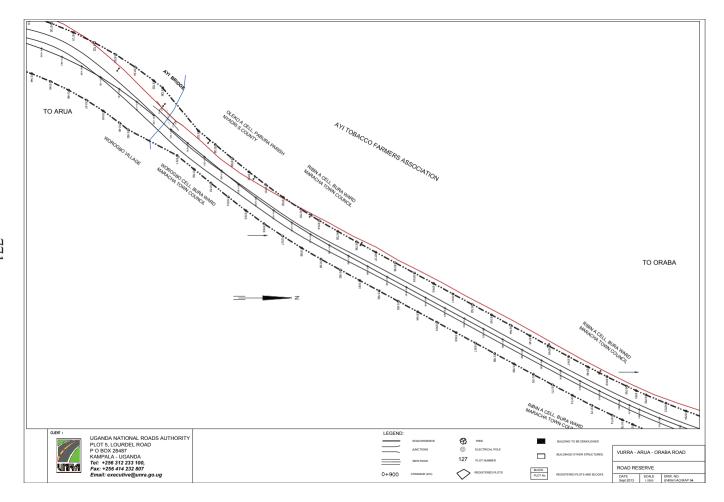


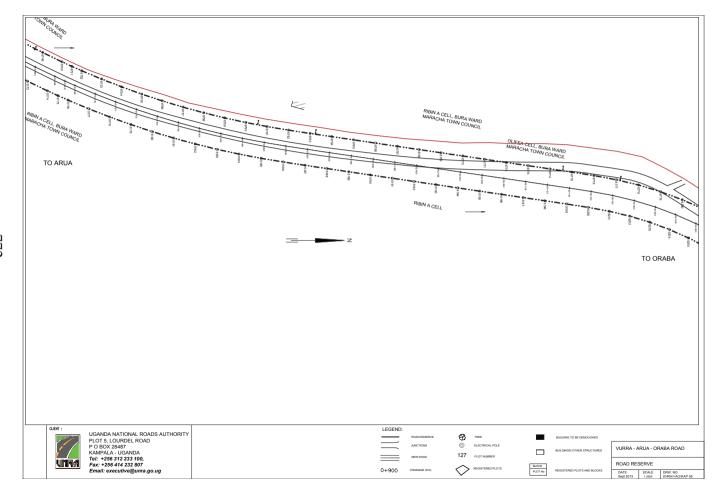


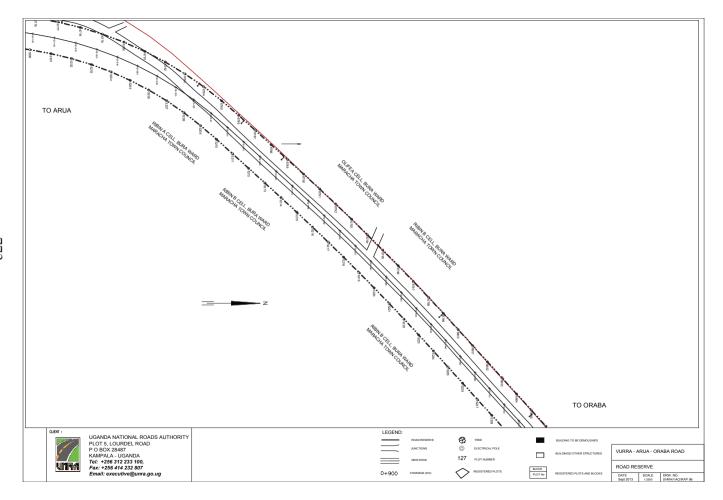


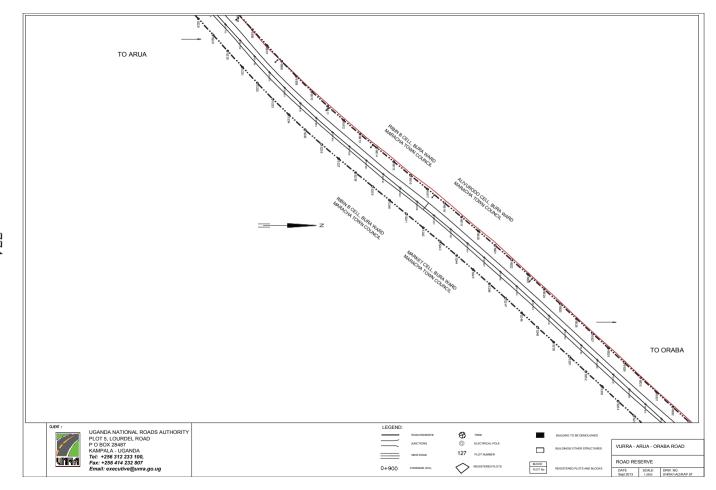


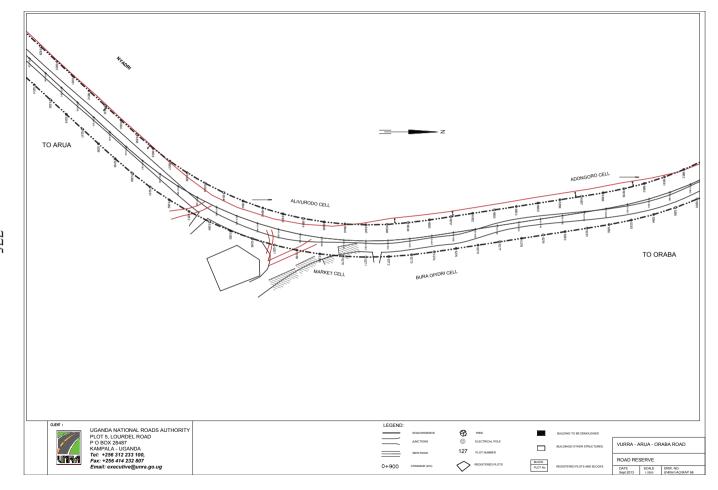


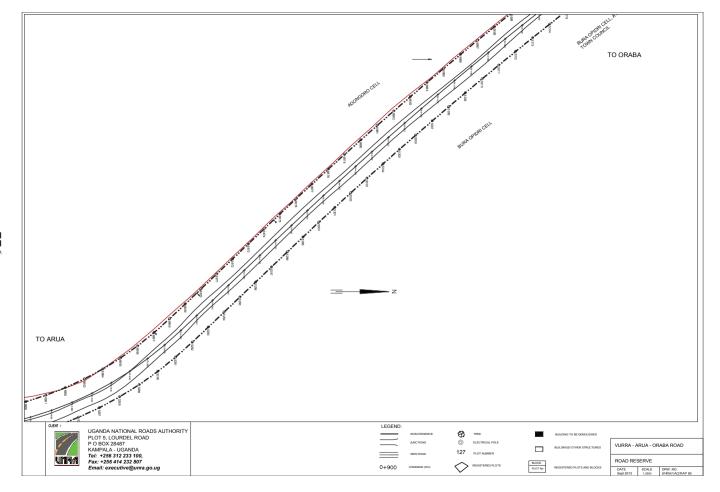


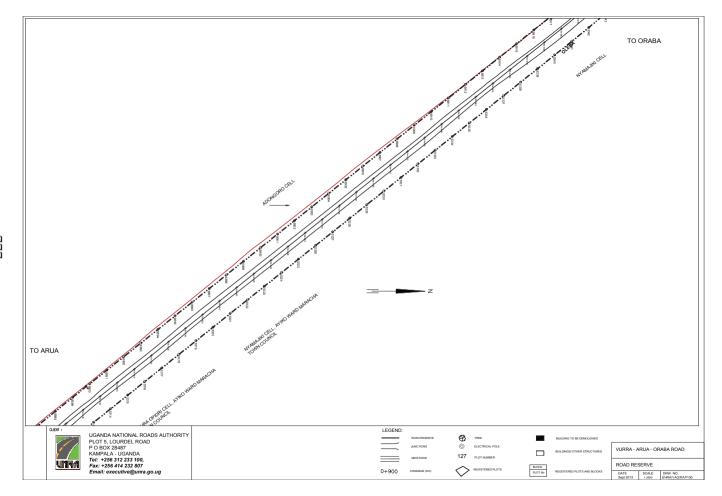


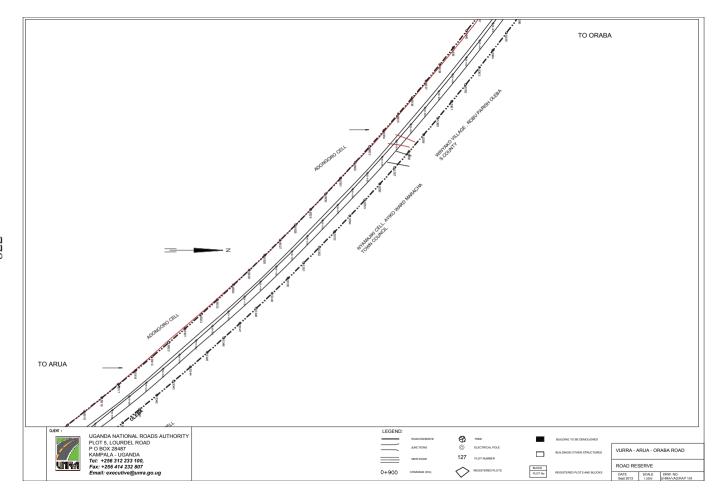


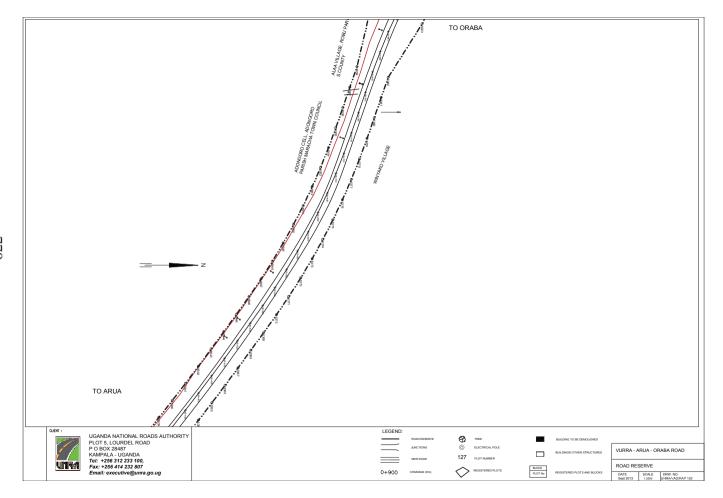


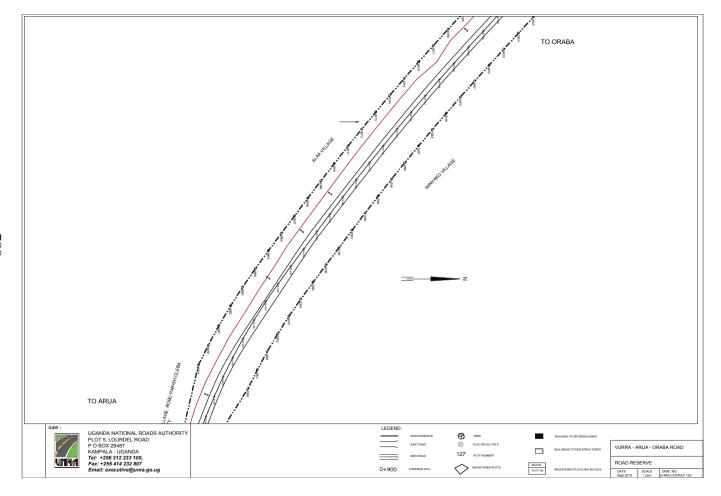


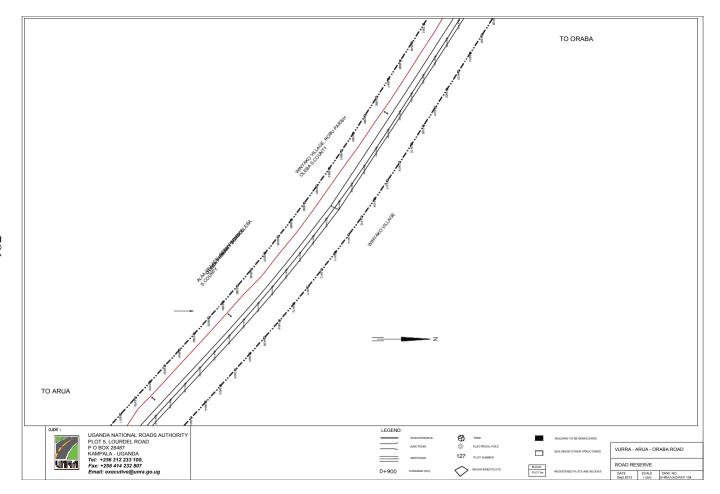


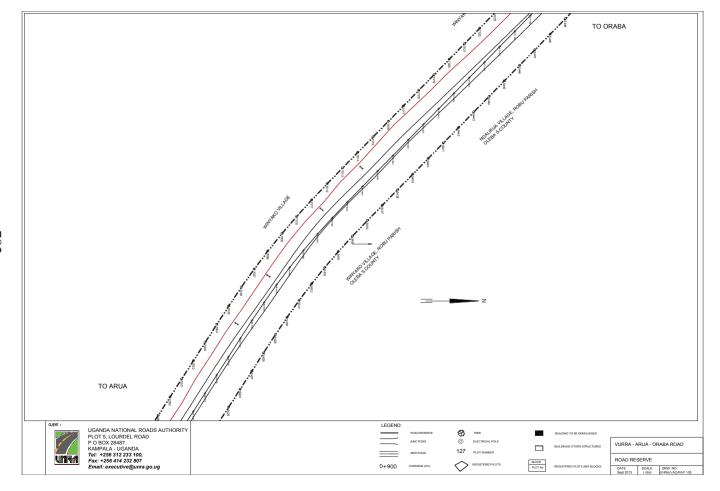


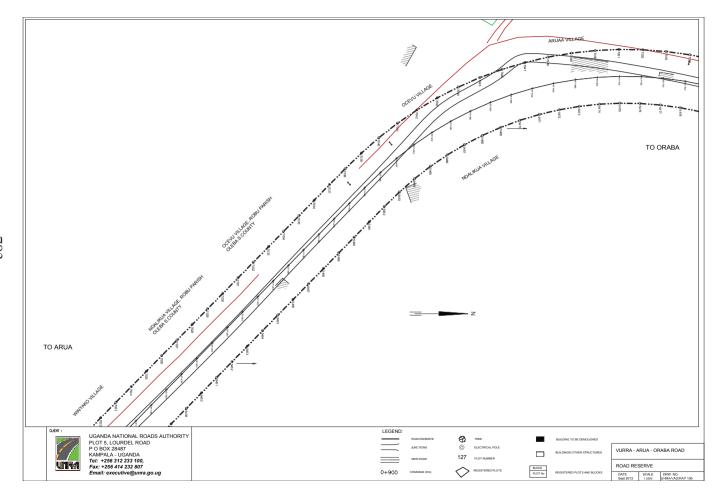


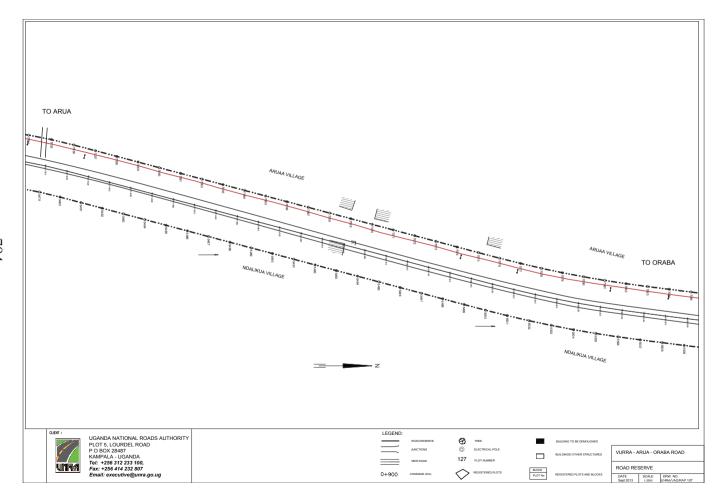


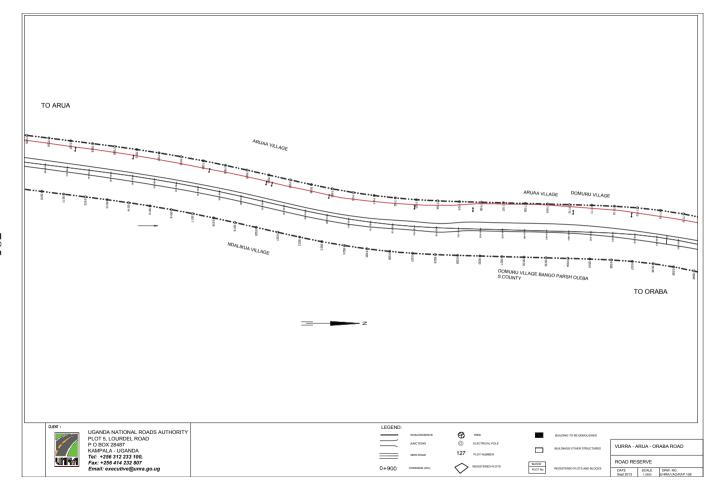


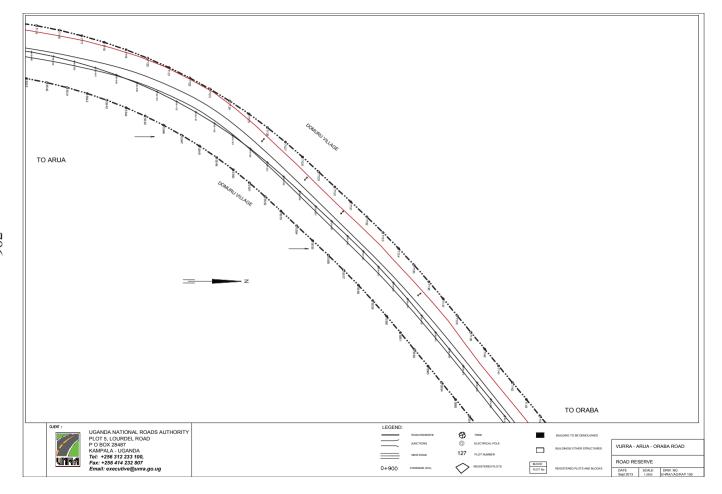


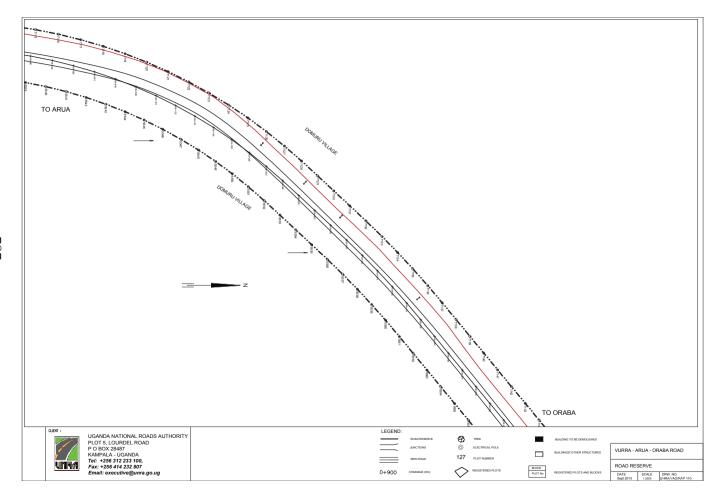


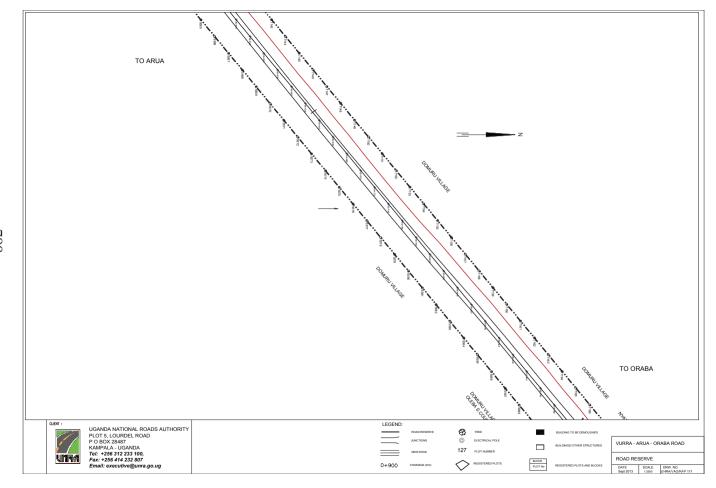


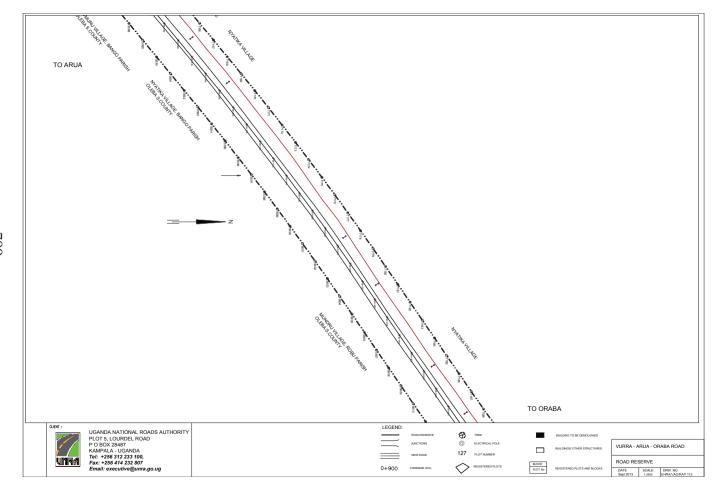


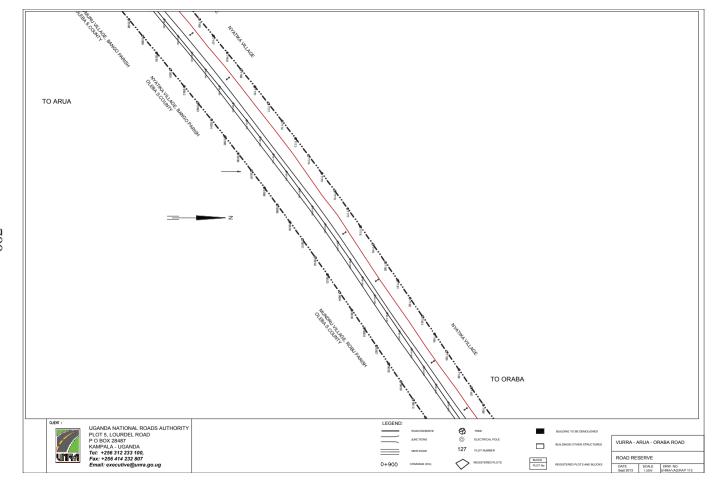


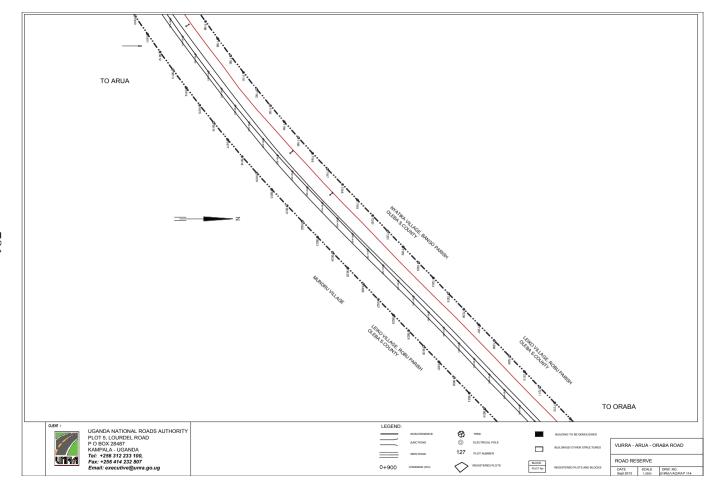


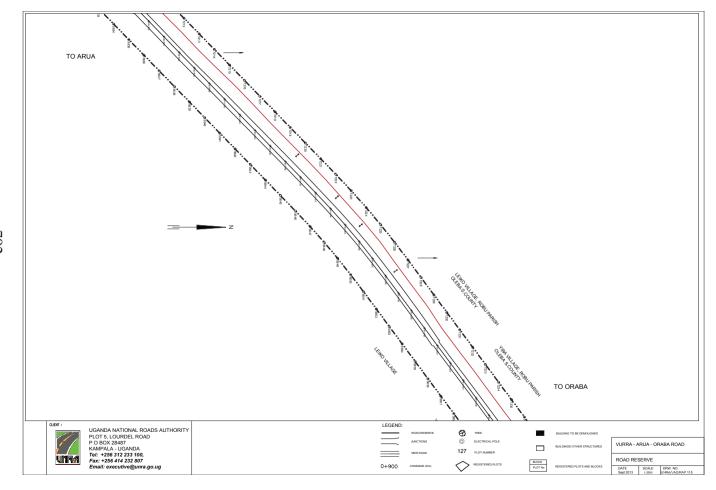


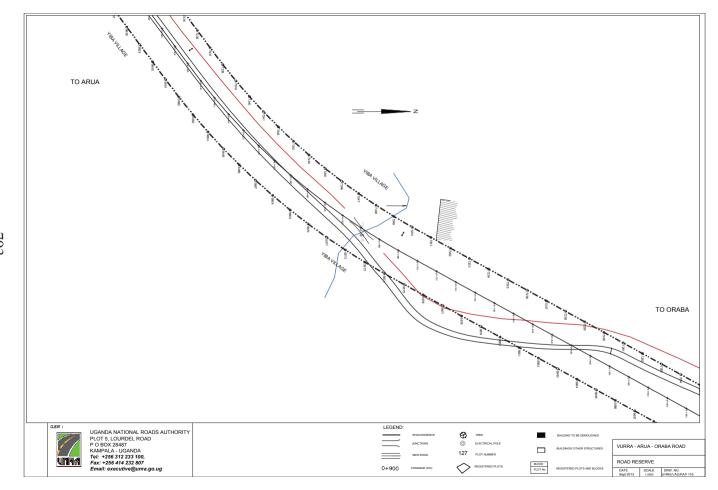


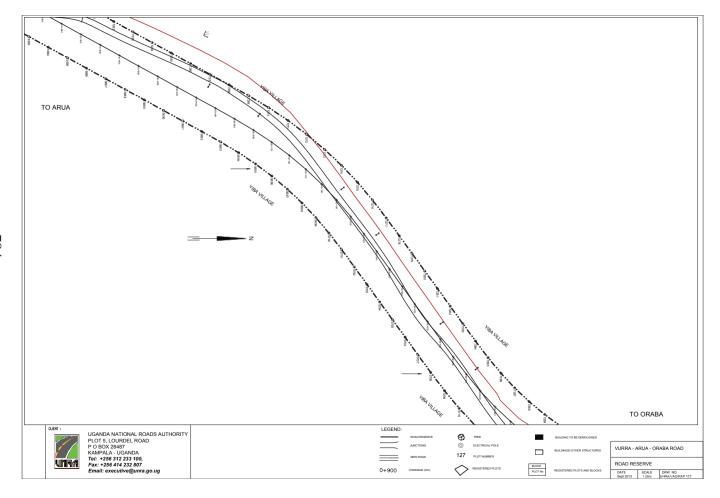


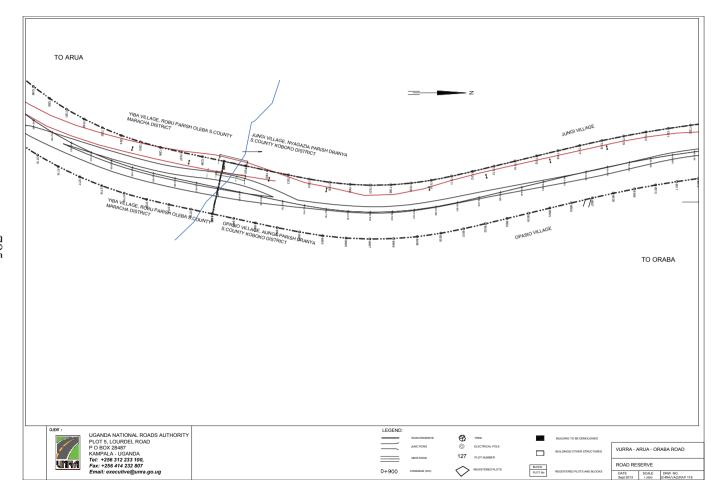


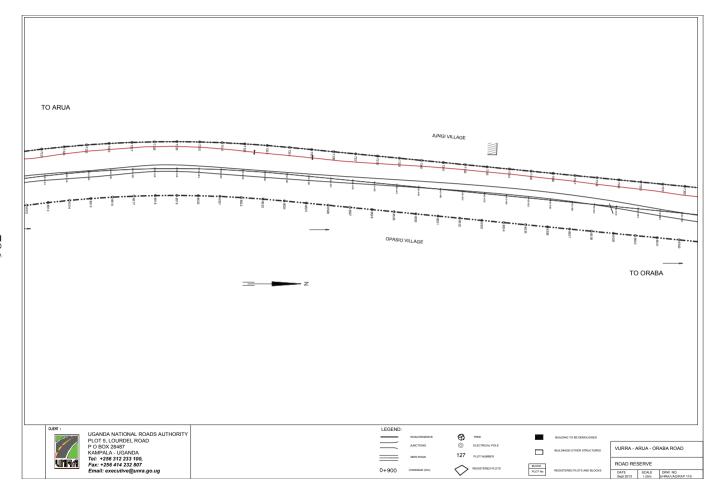


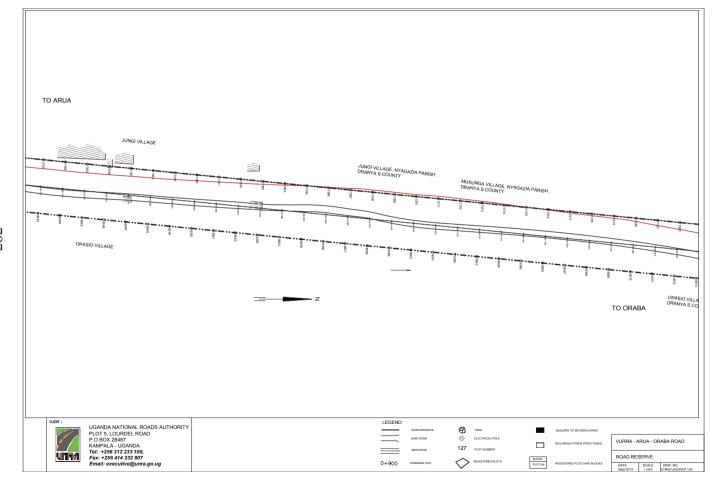


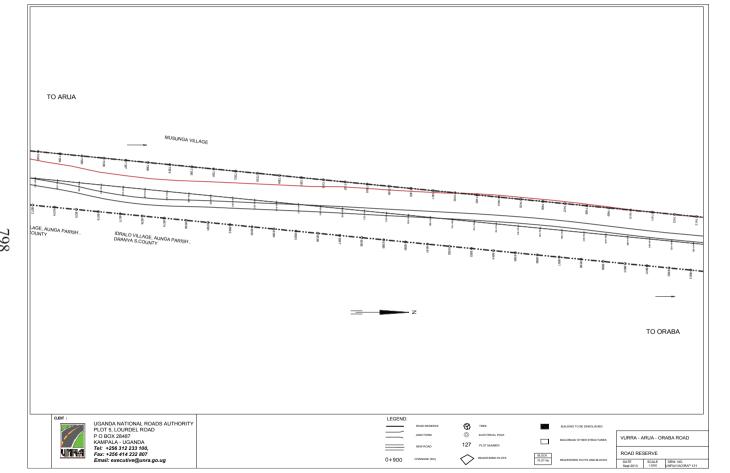


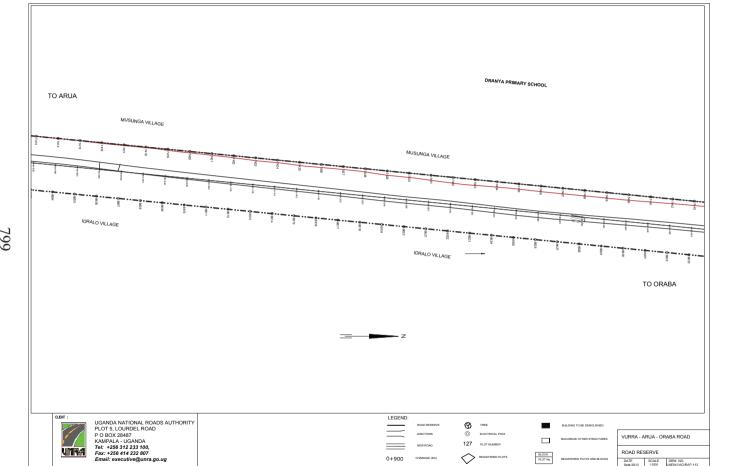


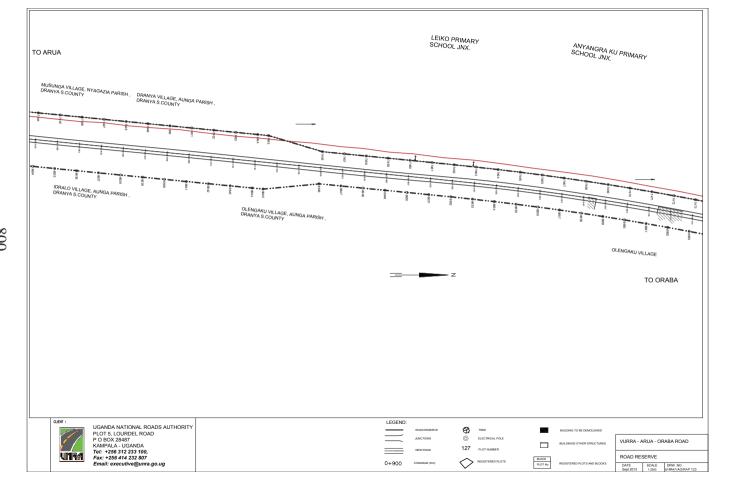


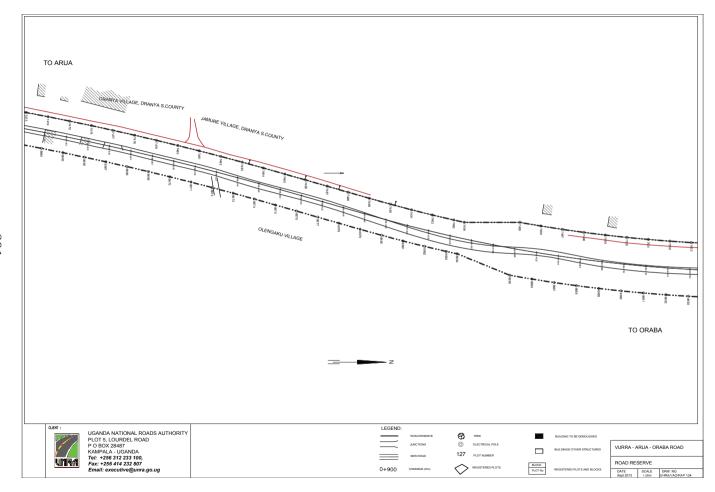


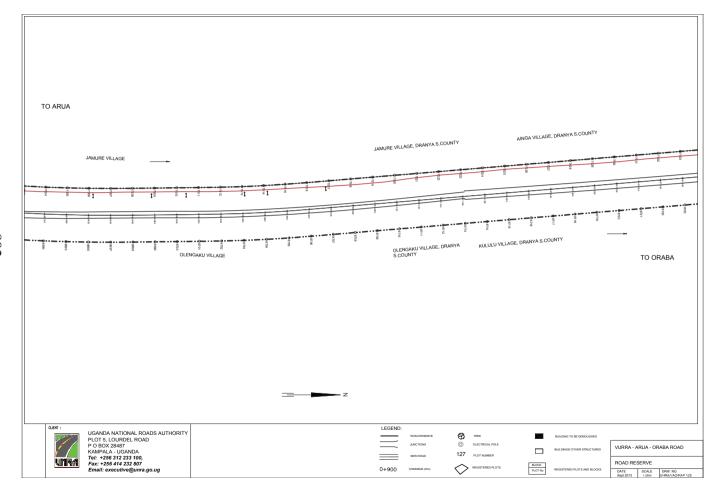


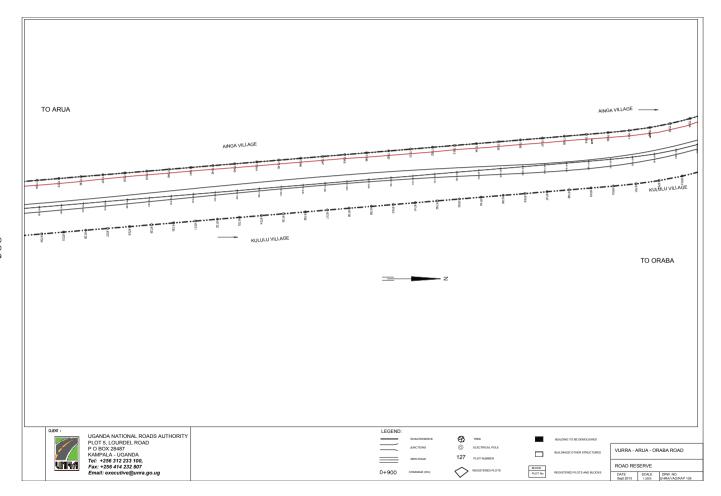


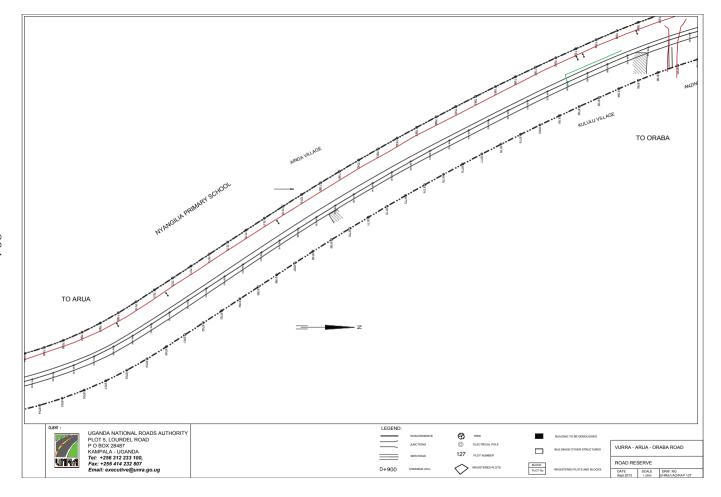


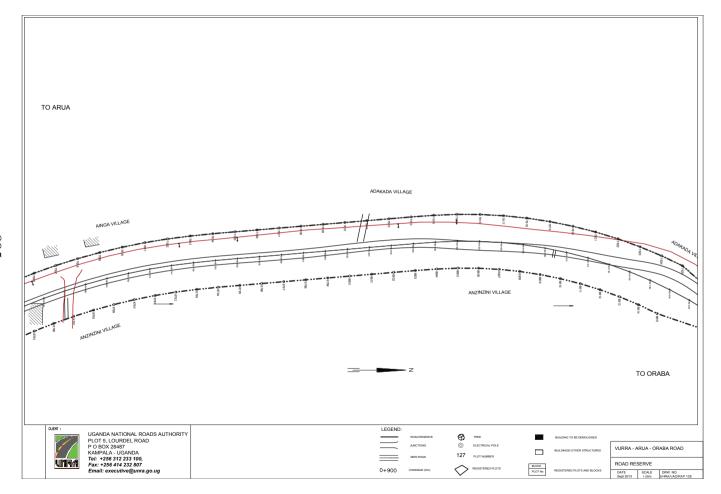


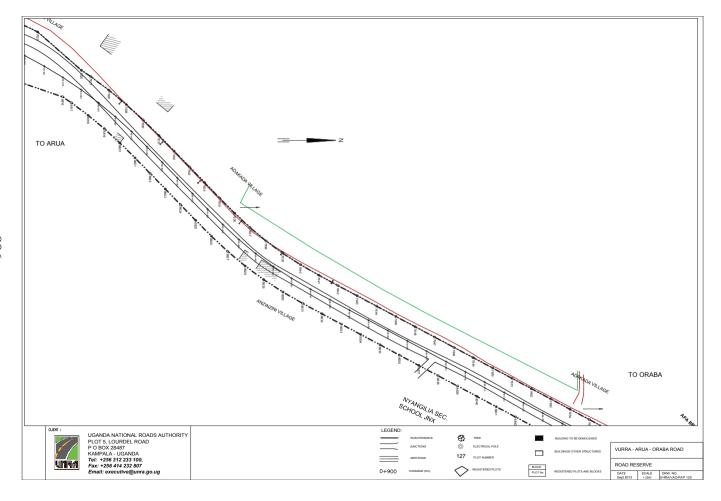


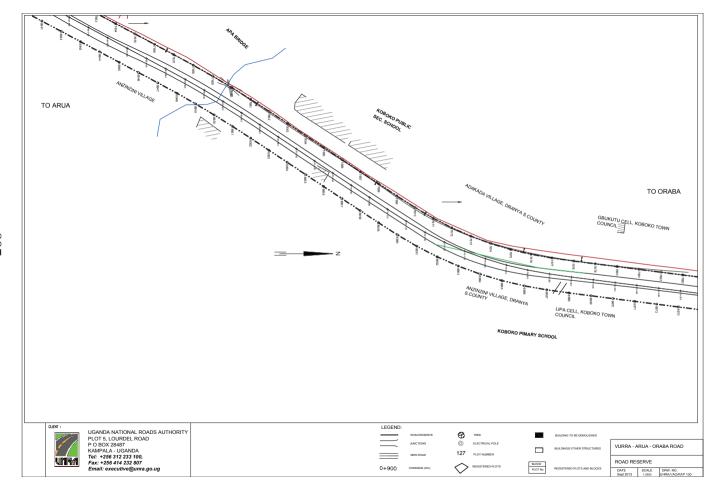


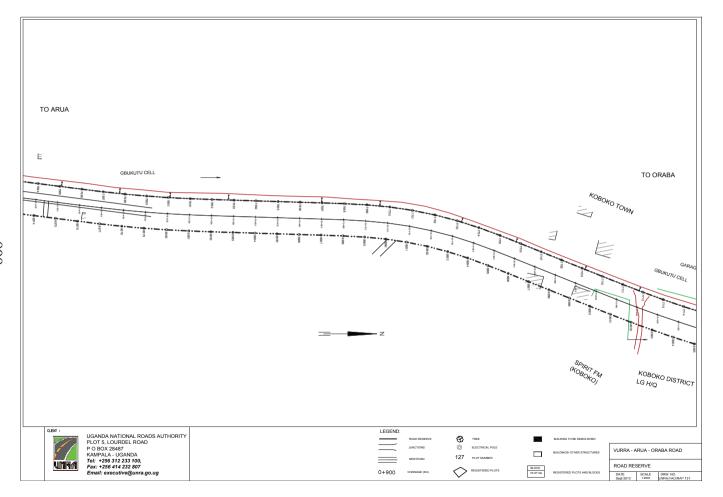


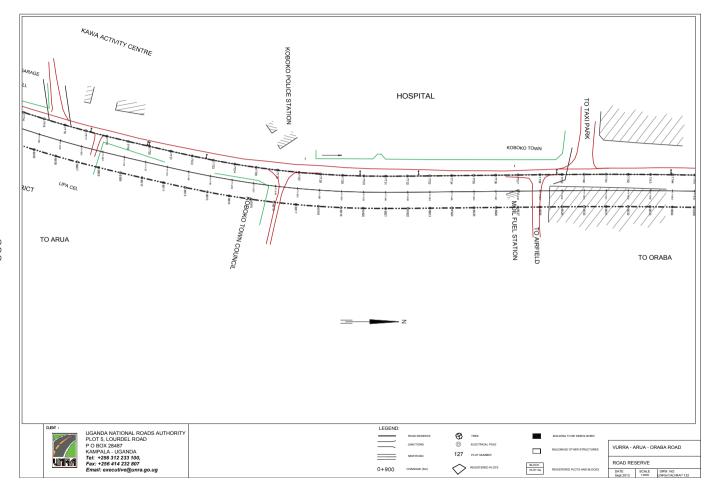


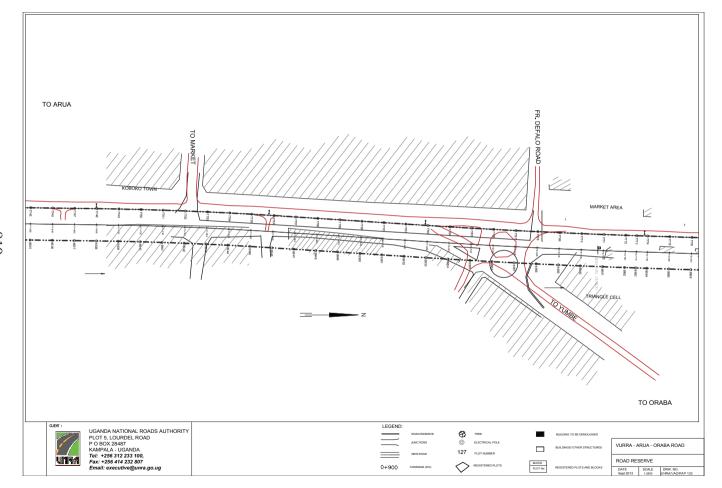


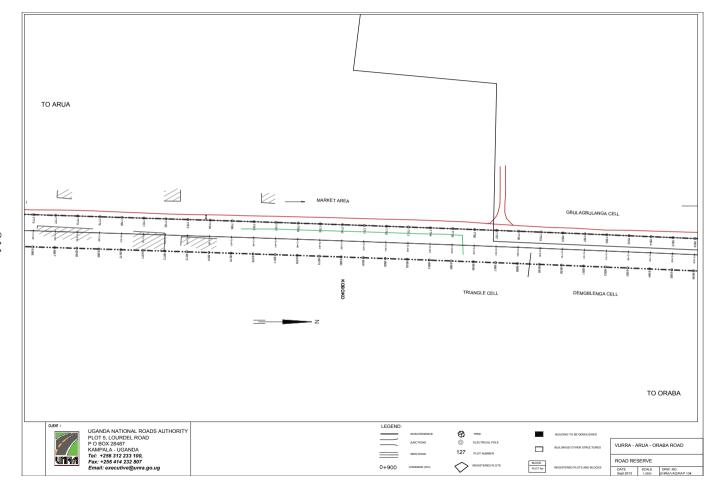


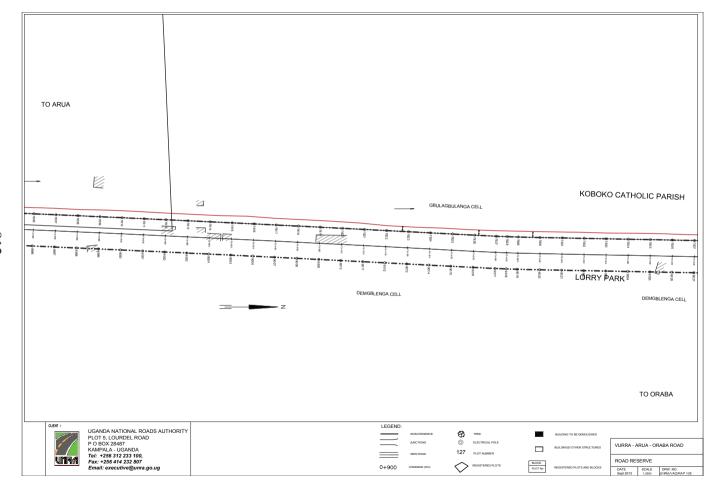


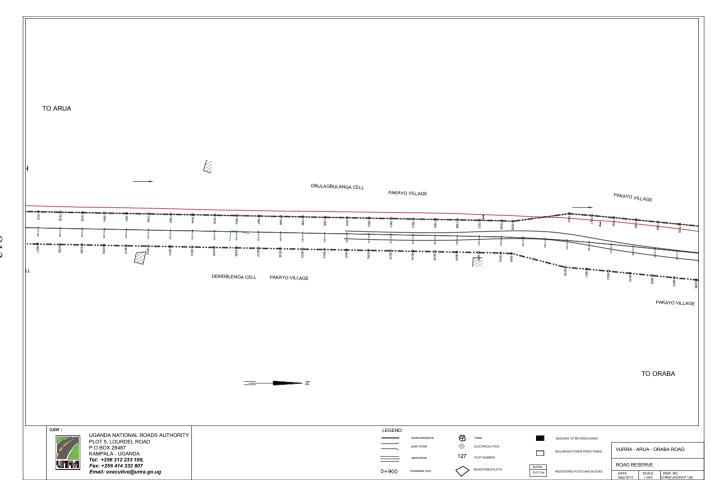


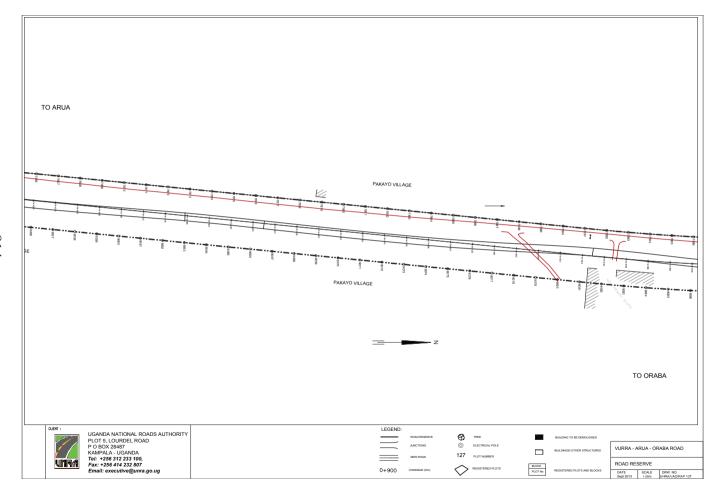


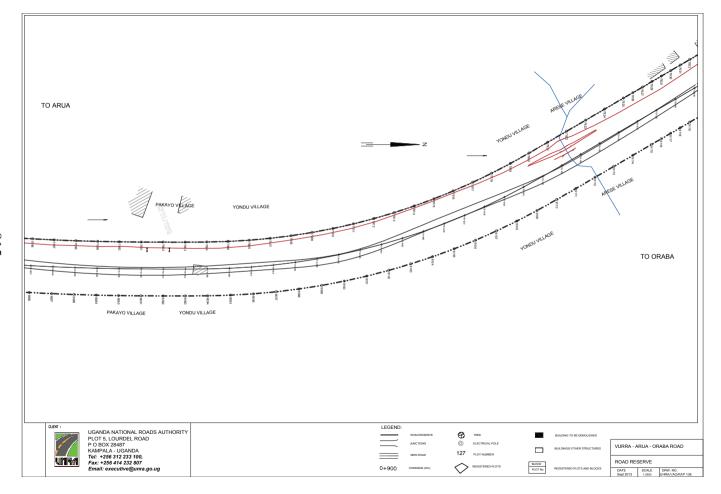


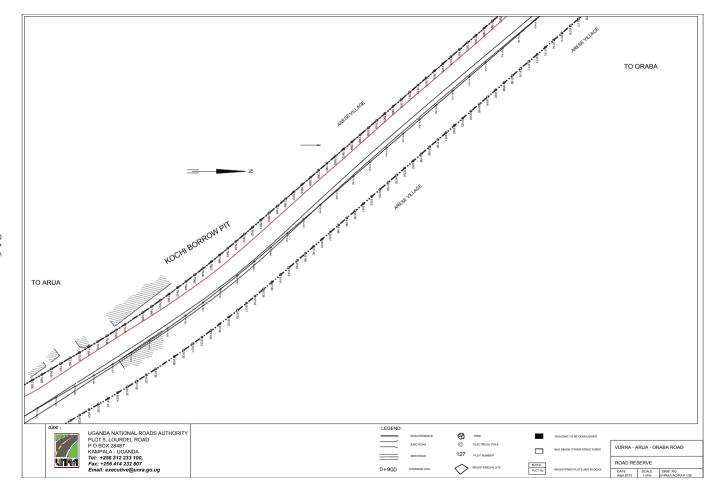


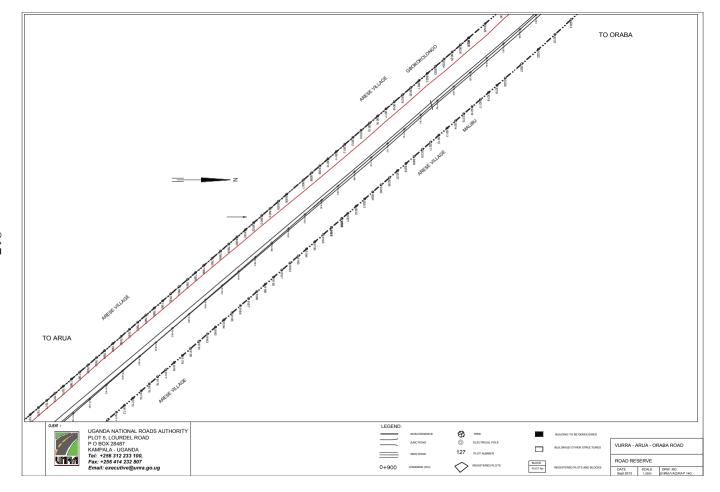


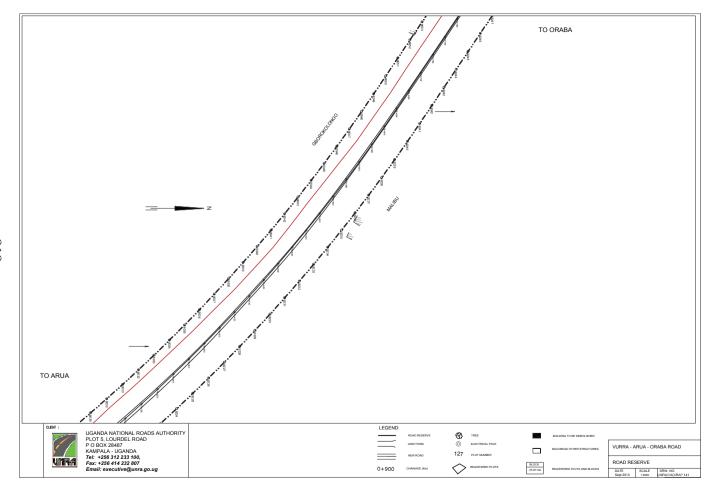


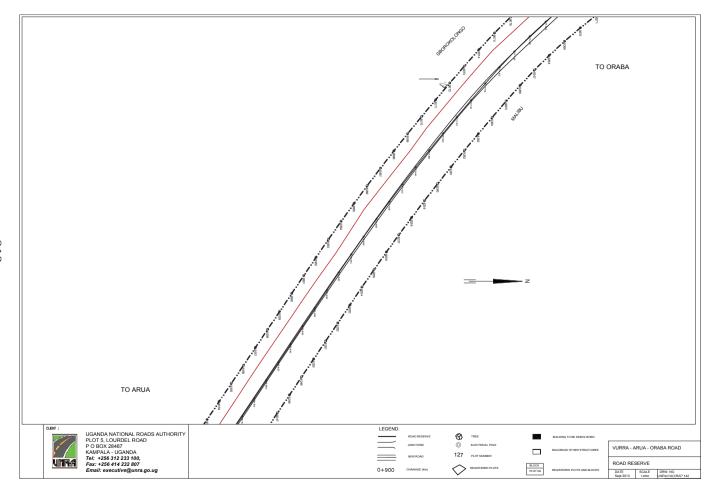


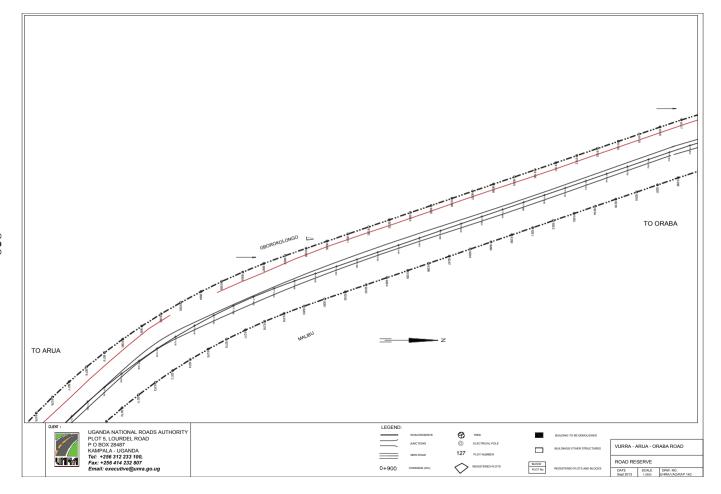


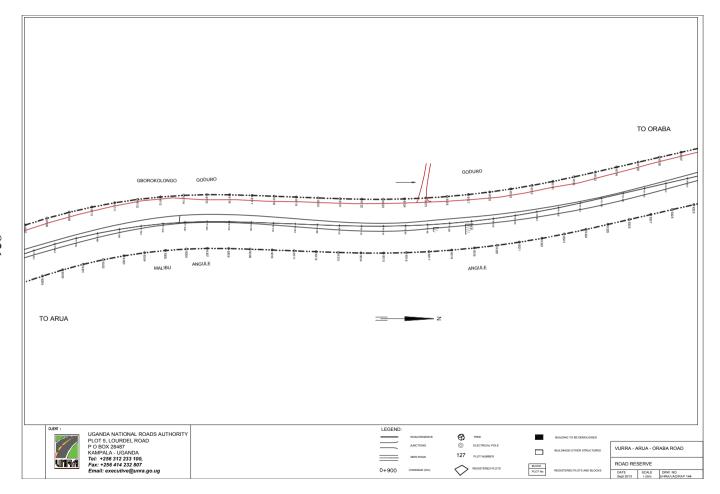


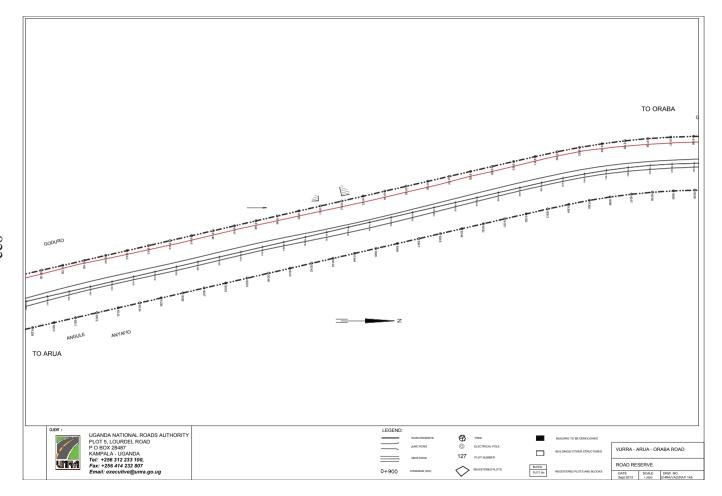


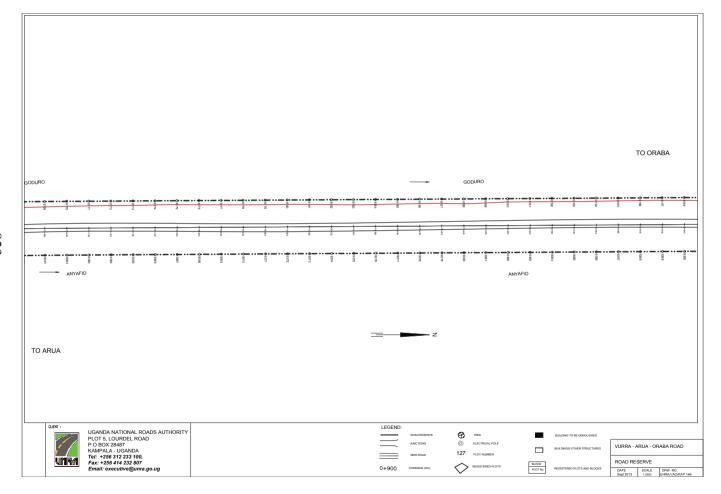


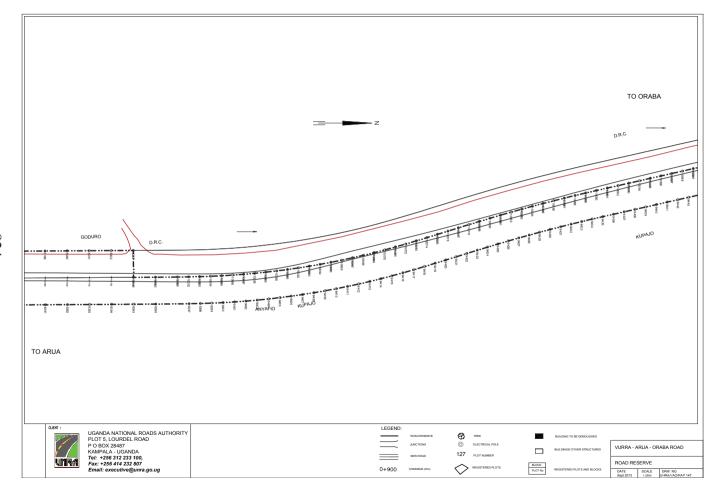


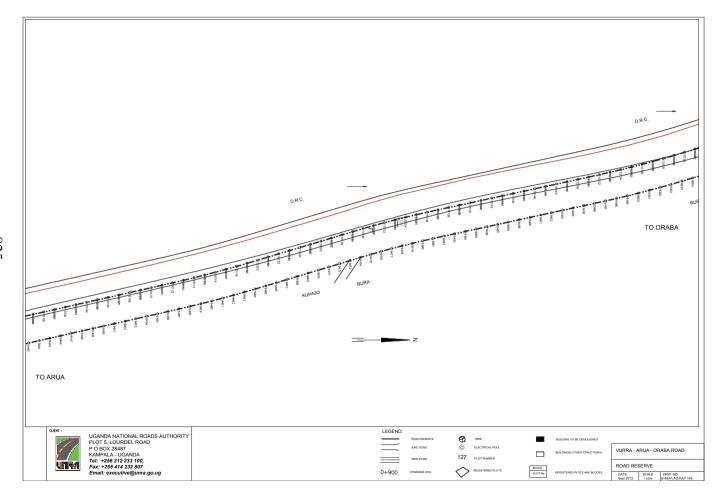


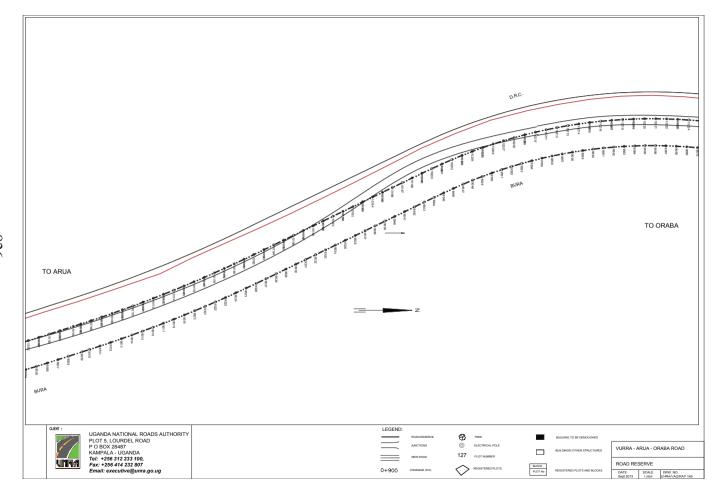


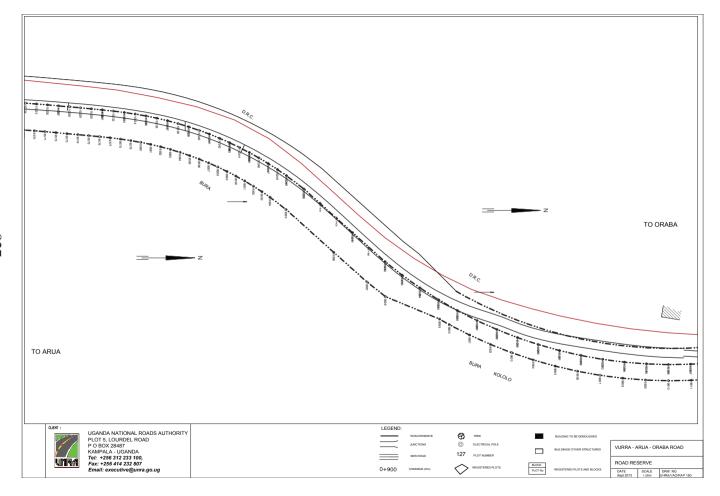


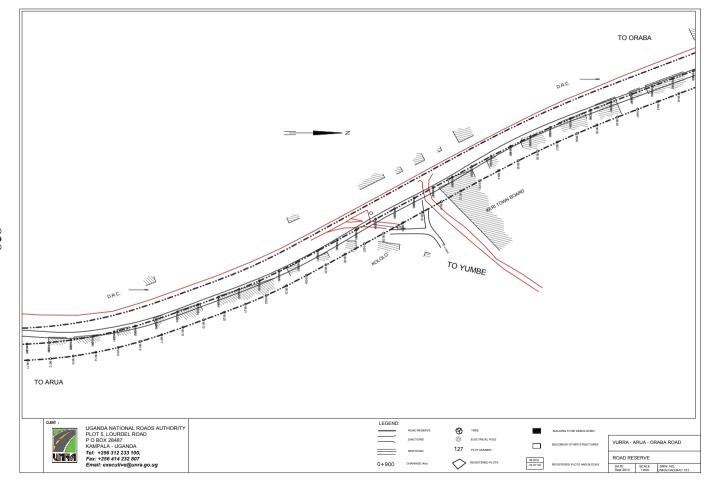


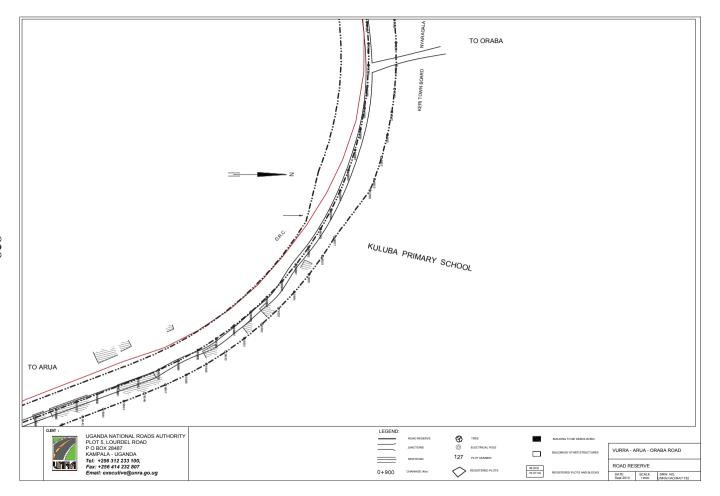


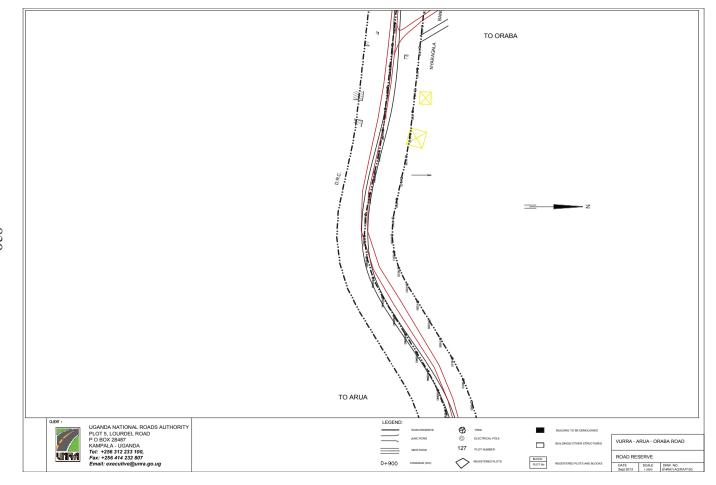


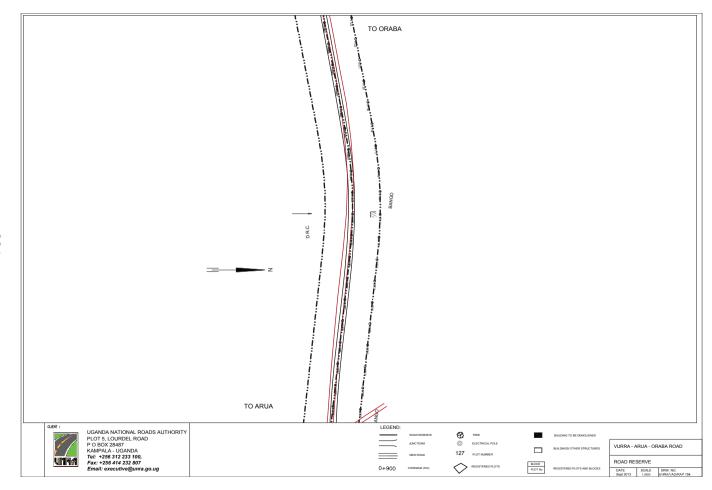


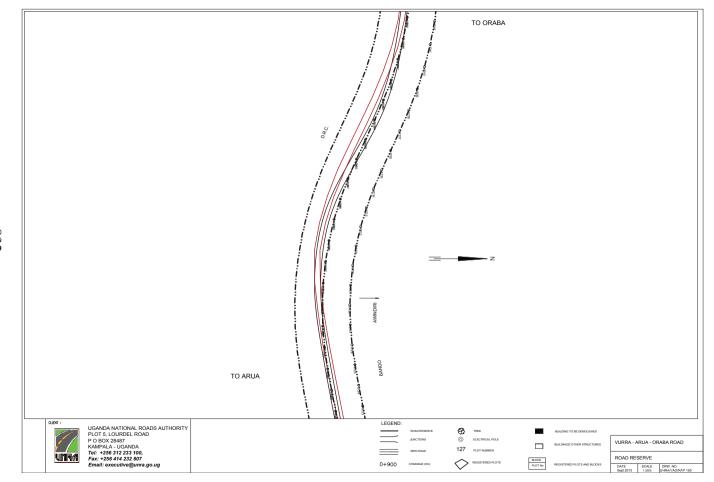


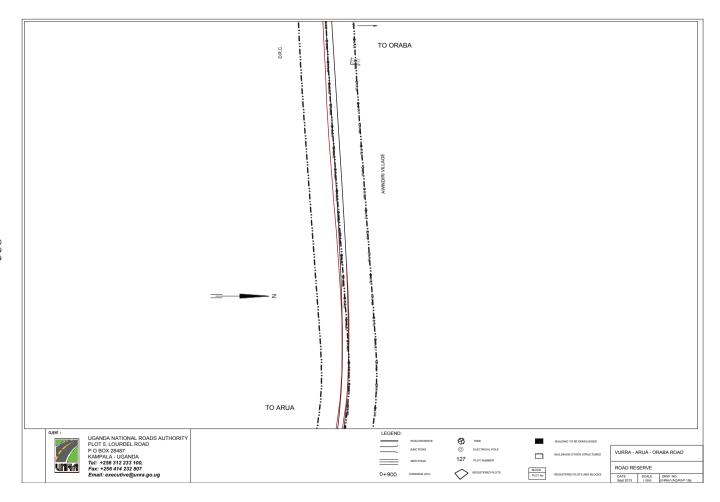


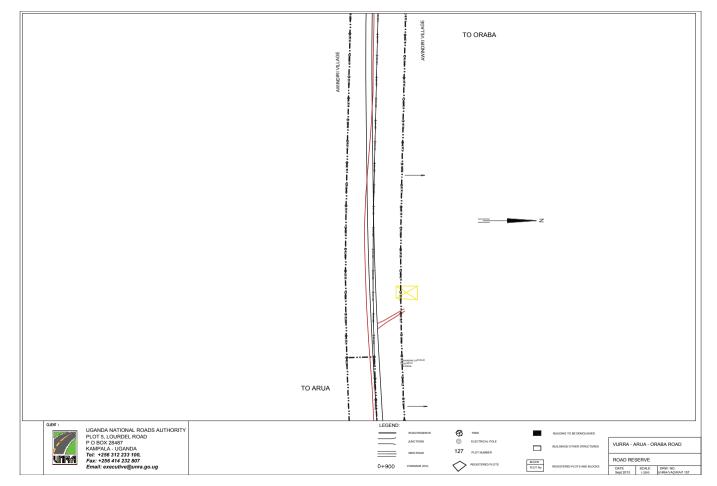


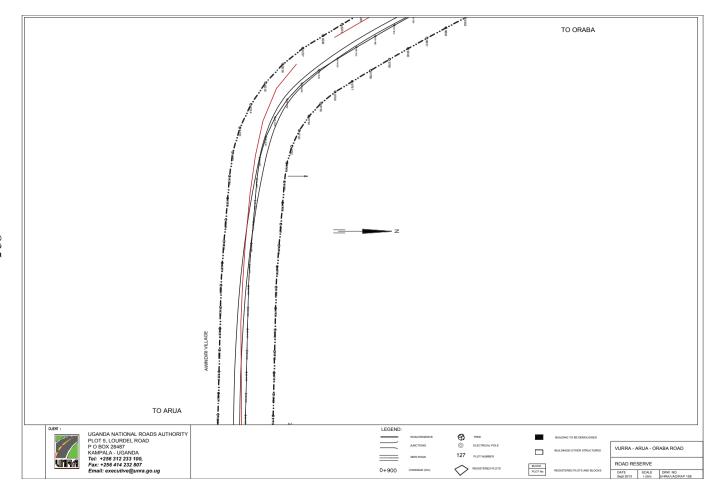


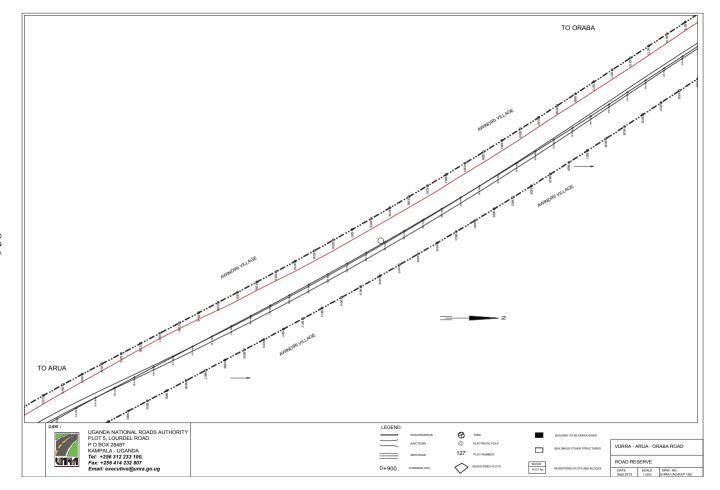


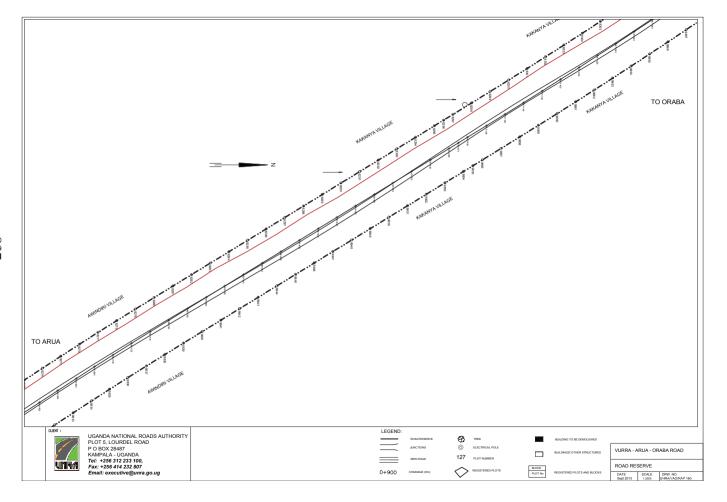


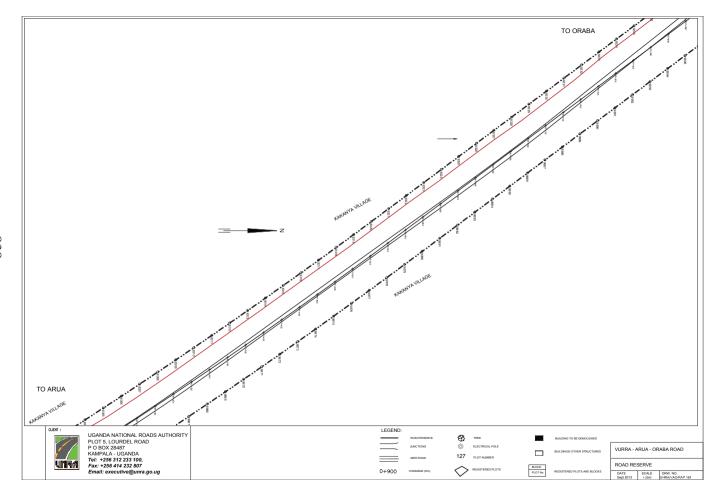


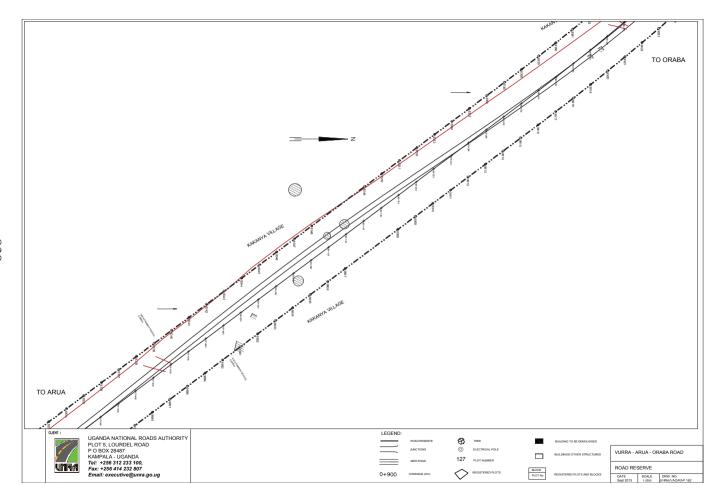


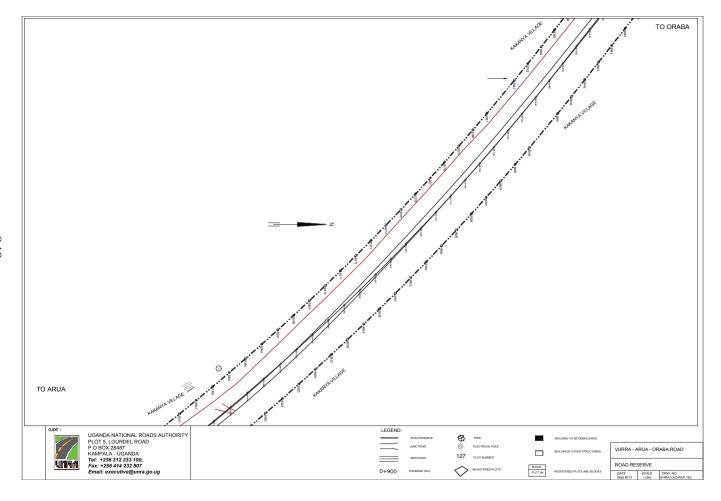


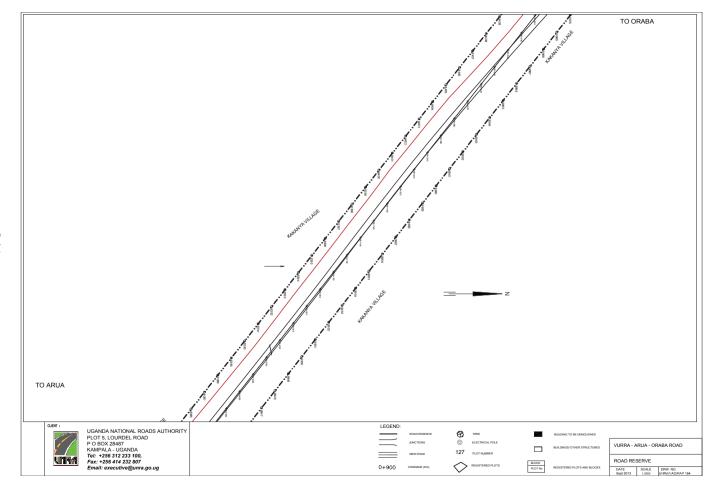


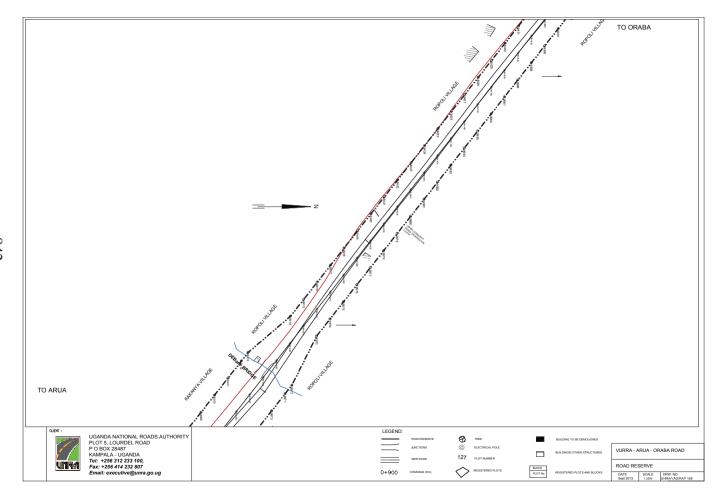


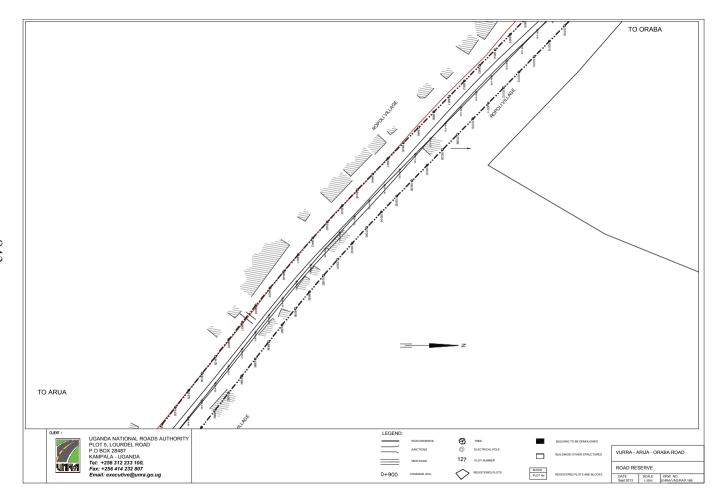


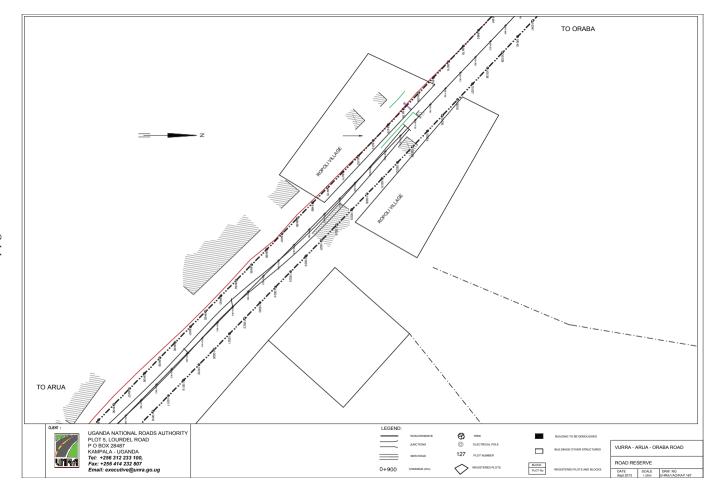


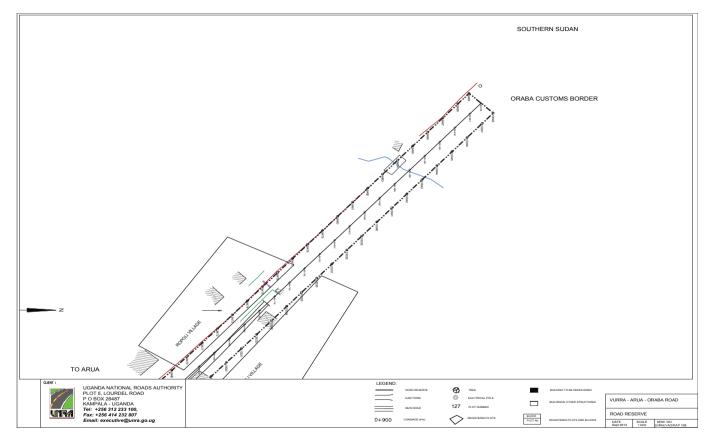












DAUDI MIGEREKO, Minister of Lands, Housing and Urban Development.

# STATUTORY INSTRUMENTS SUPPLEMENT

to The Uganda Gazette No. 9 Volume CVII dated 14th February, 2014 Printed by UPPC, Entebbe, by Order of the Government

## TATUTORY Z STRUMENT

### 2014 No. 19.

## The Land Acquisition (Ntungamo - Mirama Hills / Kakitumba Road) Instrument, 2014.

(Under section 3 of the Land Acquisition Act, Cap. 226)

Instrument is made this 18th day of June, 2013. In exercise of the powers conferred upon the Minister responsible for by Section 3 of the Land Acquisition Act, Cap. 226, this

### 1. Title.

Mirama Hills / Kakitumba Road) Instrument, 2014 This Instrument may be cited as the Land Acquisition (Ntungamo -

# Declaration of land required for public purpose.

Public Purpose Schedule are declared to be land acquired by the Government for a Kakitumba Road and illustrated in the maps set out in Part 2 of the alignment of the corridor for the proposed Ntungamo - Mirama Hills / The parcels of land described in Part I of the Schedule set out in the final

# Inspection of plans and maps of the declared Land.

Entebbe, during office hours. ınspected Plans and Maps of the Land referred to in paragraph 2 may be at the office of the Commissioner of Lands and Surveys,

### **SCHEDULE**

### PART I —DESCRIPTION OF THE LAND TO BE ACQUIRED FOR THE CONSTRUCTION OF THE CORRIDOR OF THE NTUNGAMO-MIRAMA HILLS/KAKITUMBA ROAD

### Boundary Coordinates - LEFT HANDSIDE

Ntungamo - Mirama Hills(Kakitumba) Road Project

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Number	Coord	linates		Coord	linates		Coord	linates		Coord	linates
Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)
1	195730.87	9903535.55	26	196025.54	9903253.73	51	196179.64	9902783.47	76	196491.47	9902403.52
2	195749.04	9903527.20	27	196032.74	9903235.07	52	196189.84	9902766.27	77	196509.54	9902394.93
3	195767.22	9903518.85	28	196039.93	9903216.41	53	196200.03	9902749.06	78	196527.74	9902386.68
4	195785.39	9903510.51	29	196047.13	9903197.75	54	196210.22	9902731.85	79	196546.57	9902379.94
5	195803.57	9903502.16	30	196054.14	9903179.03	55	196220.41	9902714.64	80	196565.40	9902373.20
6	195821.74	9903493.81	31	196058.52	9903159.52	56	196230.60	9902697.43	81	196584.69	9902367.99
7	195839.76	9903485.12	32	196062.90	9903140.00	57	196240.80	9902680.22	82	196604.10	9902363.15
8	195857.77	9903476.43	33	196067.29	9903120.49	58	196250.99	9902663.02	83	196623.61	9902358.81
9	195875.32	9903466.90	34	196071.67	9903100.98	59	196261.18	9902645.81	84	196643.28	9902355.16
10	195892.31	9903456.34	35	196076.05	9903081.46	60	196271.37	9902628.60	85	196662.94	9902351.51
11	195894.75	9903454.82	36	196078.58	9903061.63	61	196281.56	9902611.39	86	196682.62	9902347.97
12	195900.61	9903462.93	37	196080.98	9903041.77	62	196292.53	9902594.67	87	196702.31	9902344.43
13	195905.82	9903458.08	38	196083.52	9903021.94	63	196303.62	9902578.03	88	196721.99	9902340.89
14	195920.45	9903444.45	39	196086.32	9903002.13	64	196314.71	9902561.38	89	196741.68	9902337.35
15	195935.08	9903430.82	40	196089.12	9902982.33	65	196325.80	9902544.74	90	196761.36	9902333.81
16	195947.66	9903415.45	41	196093.66	9902962.86	66	196337.00	9902528.18	91	196781.05	9902330.27
17	195958.55	9903398.68	42	196098.36	9902943.42	67	196350.29	9902513.24	92	196800.73	9902326.74
18	195969.43	9903381.90	43	196112.01	9902905.89	68	196363.59	9902498.30	93	196820.42	9902323.20
19	195978.28	9903364.01	44	196120.02	9902887.60	69	196377.85	9902484.30	94	196840.10	9902319.66
20	195986.53	9903345.79	45	196120.02	9902887.60	70	196392.57	9902470.77	95	196859.78	9902316.12
21	195994.71	9903327.54	46	196129.79	9902870.15	71	196407.68	9902457.69	96	196879.47	9902312.58
22	196002.64	9903309.18	47	196139.56	9902852.70	72	196423.68	9902445.69	97	196899.15	9902309.04
23	196010.56	9903290.81	48	196149.33	9902835.25	73	196439.68	9902433.69	98	196918.84	9902305.50
24	196018.35	9903272.39	49	196159.26	9902817.89	74	196456.71	9902423.23	99	196938.52	9902301.96
25	196018.35	9903272.39	50	196169.45	9902800.68	75	196473.83	9902412.88	100	196958.21	9902298.43

Ntungamo - Mirama Hills(Kakitumba) Road Project

091 ROW-I-16 Page 2 Total 19

	Coord	linates		Coord	linates		Coord	linates		Coore	linates
Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)
101	196977.89	9902294.89	126	197464.60	9902187.44	151	197740.48	9901784.25	176	198197.93	9901597.27
102	196997.58	9902291.35	127	197481.50	9902176.75	152	197754.25	9901769.79	177	198217.05	9901591.40
103	197017.26	9902287.81	128	197498.40	9902166.05	153	197769.54	9901756.90	178	198236.17	9901585.53
104	197036.94	9902284.27	129	197514.64	9902154.47	154	197784.83	9901744.01	179	198255.29	9901579.66
105	197056.63	9902280.73	130	197529.84	9902141.47	155	197801.65	9901733.23	180	198274.41	9901573.79
106	197076.31	9902277.19	131	197545.05	9902128.48	156	197818.63	9901722.65	181	198293.52	9901567.92
107	197096.00	9902273.65	132	197558.83	9902114.04	157	197836.38	9901713.55	182	198312.64	9901562.05
108	197115.68	9902270.12	133	197572.03	9902099.02	158	197854.68	9901705.47	183	198331.76	9901556.18
109	197135.37	9902266.58	134	197585.15	9902083.94	159	197873.16	9901697.89	184	198350.88	9901550.32
110	197155.05	9902263.04	135	197596.08	9902067.18	160	197892.18	9901691.71	185	198370.00	9901544.45
111	197174.74	9902259.50	136	197607.01	9902050.43	161	197911.20	9901685.53	186	198389.12	9901538.58
112	197194.42	9902255.96	137	197616.99	9902033.16	162	197930.26	9901679.45	187	198408.24	9901532.71
113	197214.10	9902252.42	138	197625.28	9902014.96	163	197949.38	9901673.58	188	198427.36	9901526.84
114	197233.79	9902248.88	139	197633.57	9901996.76	164	197968.50	9901667.71	189	198446.48	9901520.97
115	197253.47	9902245.34	140	197641.57	9901978.44	165	197987.62	9901661.84	190	198465.60	9901515.10
116	197273.16	9902241.81	141	197648.29	9901959.60	166	198006.74	9901655.97	191	198484.72	9901509.23
117	197292.84	9902238.27	142	197655.00	9901940.76	167	198025.85	9901650.10	192	198503.84	9901503.36
118	197312.53	9902234.73	143	197661.82	9901921.97	168	198044.97	9901644.23	193	198522.96	9901497.49
119	197332.16	9902230.92	144	197668.71	9901903.19	169	198064.09	9901638.36	194	198542.08	9901491.62
120	197351.79	9902227.09	145	197675.95	9901884.56	170	198083.21	9901632.49	195	198561.19	9901485.75
121	197371.26	9902222.58	146	197684.54	9901866.50	171	198102.33	9901626.62	196	198561.19	9901485.75
122	197390.47	9902217.02	147	197693.13	9901848.43	172	198121.45	9901620.75	197	198580.31	9901479.88
123	197409.68	9902211.46	148	197703.85	9901831.58	173	198140.57	9901614.88	198	198599.43	9901474.01
124	197428.18	9902203.96	149	197714.89	9901814.90	174	198159.69	9901609.01	199	198618.55	9901468.14
125	197446.43	9902195.78	150	197727.18	9901799.19	175	198178.81	9901603.14	200	198637.67	9901462.27

Ntungamo - Mirama Hills(Kakitumba) Road Project

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										1 age 5	
Number	Coord	linates	Number	Coord	linates	Number	Coord	linates	Number	Coord	dinates
Number	N(X)	E (Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)
201	198656.79	9901456.40	226	199047.60	9901203.61	251	199102.58	9900755.55	276	199096.51	9900275.77
202	198675.91	9901450.53	227	199057.79	9901186.40	252	199101.49	9900735.58	277	199097.22	9900255.78
203	198695.03	9901444.66	228	199066.31	9901168.32	253	199100.44	9900715.61	278	199097.93	9900235.80
204	198714.15	9901438.79	229	199074.53	9901150.09	254	199099.56	9900695.62	279	199097.93	9900235.80
205	198733.27	9901432.92	230	199082.31	9901131.68	255	199098.67	9900675.64	280	199098.76	9900215.81
206	198752.35	9901426.92	231	199088.46	9901112.65	256	199097.78	9900655.66	281	199099.85	9900195.84
207	198771.42	9901420.90	232	199094.60	9901093.62	257	199096.90	9900635.68	282	199100.95	9900175.87
208	198790.36	9901414.50	233	199099.40	9901074.24	258	199096.10	9900615.70	283	199102.04	9900155.90
209	198808.99	9901407.22	234	199103.18	9901054.60	259	199095.12	9900575.71	284	199103.13	9900135.93
210	198827.62	9901399.95	235	199106.96	9901034.96	260	199095.61	9900595.71	285	199104.54	9900115.98
211	198845.64	9901391.34	236	199109.74	9901015.19	261	199094.63	9900555.72	286	199106.01	9900096.04
212	198863.38	9901382.10	237	199111.10	9900995.24	262	199094.63	9900555.72	287	199107.48	9900076.09
213	198881.07	9901372.78	238	199112.46	9900975.28	263	199094.14	9900535.72	288	199108.95	9900056.15
214	198901.29	9901375.31	239	199112.26	9900955.30	264	199093.75	9900515.73	289	199110.42	9900036.20
215	198897.67	9901361.63	240	199111.60	9900935.31	265	199093.66	9900495.73	290	199112.23	9900016.28
216	198914.27	9901350.47	241	199110.94	9900915.33	266	199093.57	9900475.73	291	199114.10	9899996.37
217	198930.34	9901338.61	242	199110.21	9900895.34	267	199093.48	9900455.73	292	199115.97	9899976.46
218	198945.60	9901325.68	243	199110.94	9900915.33	268	199093.40	9900435.73	293	199117.84	9899956.55
219	198960.86	9901312.76	244	199110.21	9900895.34	269	199093.41	9900415.73	294	199119.71	9899936.63
220	198974.95	9901298.60	245	199109.12	9900875.37	270	199093.72	9900395.73	295	199121.96	9899916.76
221	198988.68	9901284.05	246	199108.03	9900855.40	271	199094.04	9900375.74	296	199124.27	9899896.89
222	199002.20	9901269.33	247	199106.94	9900835.43	272	199094.35	9900355.74	297	199126.58	9899877.03
223	199014.24	9901253.36	248	199105.85	9900815.46	273	199094.66	9900335.74	298	199128.88	9899857.16
224	199026.28	9901237.39	249	199104.76	9900795.49	274	199095.09	9900315.75	299	199131.19	9899837.29
225	199037.41	9901220.82	250	199103.67	9900775.52	275	199095.80	9900295.76	300	199133.49	9899817.43

Ntungamo - Mirama Hills(Kakitumba) Road Project

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Polymeter Programmer         Polymeter	=										1 agc 4	
No.	Number	Coord	linates	Number	Coore	linates	Number	Coord	linates	Number	Coord	linates
1991849   1991849   19991774   127   19919673   1999101.54   1332   19924675   1998883.89   1377   19922045   1998885.71	Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E (Y)	Number	N(X)	E(Y)
303   199141.00   999975790   328   199201.24   9999281.69   333   199247.81   998981.92   378   199211.35   998985.572	301	199135.99	9899797.58	326	199196.22	9899321.38	351	199244.92	9898853.80	376	199212.66	9898405.70
304   19914.51   98978.66   329   19920.75   989921.85   3.54   199248.86   989879.95   3.79   199211.28   989845.73	302	199138.49	9899777.74	327	199198.73	9899301.54	352	199246.75	9898833.89	377	199220.45	9898385.71
1991a6.02   1991a6.02   1999718.22   330   1992a6.25   19992a6.21   335   1992a8.29   1998873.57   330   199211.30   199883.57   331   1992a8.29   1992a8.21   356   1992a7.37   1993a6.06   1993a7.39   381   199211.90   1998a8.37   330   19921.37   1999a8.38   1991a8.38   1991a8.38   1991a8.38   1991a8.38   1991a8.38   1991a8.38   1992a8.38   1992a8.3	303	199141.00	9899757.90	328	199201.24	9899281.69	353	199247.81	9898813.92	378	199211.35	9898365.72
1991    1991    1991    1991    1991    1991    1992	304	199143.51	9899738.06	329	199203.75	9899261.85	354	199248.86	9898793.95	379	199211.28	9898345.73
199151.04   9899678.53   332   199211.72   9899202.33   357   199246.66   989874.05   382   199212.72   989826.575	305	199146.02	9899718.22	330	199206.25	9899242.01	355	199248.29	9898773.97	380	199211.30	9898325.73
199153.55   989968.69   333   199213.78   989918.48   358   199245.60   989874.20   383   199212.95   989826.55	306	199148.53	9899698.37	331	199208.76	9899222.17	356	199247.37	9898753.99	381	199211.59	9898305.73
1991566   989638.85   334   19916.29   9899162.64   339   199242.89   989870.47   384   199214.77   989825.84     310   19918.57   989619.01   335   199218.80   9899142.80   360   199252.78   989870.00   385   199215.62   9898225.84     311   19916.08   989959.16   336   199221.31   989912.96   361   19925.07   989870.83   386   19921.71   989825.91     312   19916.35   9899579.32   337   199223.82   989910.12   362   199248.73   989863.11   387   19919.04   989818.59     313   19916.10   989959.48   338   19922.63   98990.31   363   19924.59   9898663.39   388   19922.08   989816.08     314   19918.61   989959.44   339   19922.84   98996.34   364   19924.19   989864.30   389   19922.71   989814.61     315   19917.12   9899519.80   340   199231.35   989903.75   366   19923.48   989864.40   390   19922.44   989816.34     316   199173.63   989949.96   341   199233.86   989903.75   366   199234.98   989864.40   391   19922.66   989810.68     317   19917.61   989940.11   342   199233.8   989902.37   366   199234.98   989864.30   391   19922.64   989806.49     318   199178.65   989946.27   343   199225.41   989910.88   368   19922.85   989854.54   393   19923.31   989806.63     319   19918.16   989940.75   346   19922.70   989892.73   369   19922.56   98985.52   395   19923.59   989806.60     320   19919.35   989942.33   345   19923.27   989892.73   369   19922.56   98985.57   396   19923.59   989806.60     321   19918.68   989940.75   347   19923.22   989893.21   372   19922.50   98985.57   396   19923.69   98980.75     323   19918.69   989930.00   348   19923.74   989891.37   373   19921.50   989845.57   398   19924.68   989975.54     324   19918.69   989930.00   348   19923.77   989893.21   374   19921.50   989845.57   398   19924.68   989975.54	307	199151.04	9899678.53	332	199211.27	9899202.33	357	199246.06	9898734.05	382	199212.27	9898285.74
310   199158.57   9899619.01   335   199218.80   9899142.80   360   19925.78   9898707.00   385   199215.62   9898225.81     311   199161.08   989959.16   336   199221.31   989912.96   361   19925.07   9898702.83   386   199217.21   9898205.91     312   199163.59   9899579.32   337   199223.82   9899103.12   362   19948.73   989863.39   388   199220.88   989866.08     313   199166.10   989959.48   338   199226.33   9899083.27   363   199245.39   9898663.39   388   199220.88   9898166.08     314   199168.61   989959.64   339   199228.44   989963.43   364   199241.94   9898643.69   389   199227.1   9898146.16     315   199171.12   9899519.80   340   199231.35   9899043.59   365   199238.44   989864.00   390   199224.54   989816.24     316   199173.63   989499.69   341   199233.86   9899023.75   366   199234.98   9898604.30   391   199226.64   989816.36     317   199176.14   989940.11   342   199235.33   989912.13   367   199231.1   989854.57   392   199228.98   989806.49     318   199178.65   989940.3   344   199227.70   9898972.3   369   199228.64   989854.64   393   199231.1   989806.65     319   19918.16   989940.3   344   199227.70   9898972.8   370   199228.9   989852.2   395   19923.9   989806.9     320   19917.35   989942.38   345   19923.21   9898972.8   370   19922.9   989854.54   397   19923.65   989806.9     321   19918.6   989940.75   347   19923.5   989893.21   372   19922.9   98985.5   396   19923.69   989907.0     322   19918.6   98993.00   348   19923.74   98981.37   373   19921.5   98984.5   399   19924.68   98997.7   98997.7	308	199153.55	9899658.69	333	199213.78	9899182.48	358	199243.60	9898714.20	383	199212.95	9898265.75
311   199161.08   989959.16   336   199221.31   989912.96   361   19925.07   9898702.83   386   199217.21   9898205.91     312   199163.59   9899579.32   337   199228.22   9899103.12   362   199248.73   9898683.11   387   199210.04   9898185.99     313   199166.10   9899559.48   338   199226.33   9899083.27   363   199245.39   989863.39   388   199220.88   989816.08     314   199168.61   989959.64   339   199228.84   9899063.43   364   199241.94   9898643.69   389   199222.71   989814.61     315   199171.12   9899519.80   340   199231.35   9899043.59   365   19928.84   9898643.09   390   199224.64   989816.24     316   199173.63   989949.96   341   199233.86   9899023.75   366   19924.49   989864.30   391   199226.64   989816.36     317   199176.14   989948.11   342   199235.33   989912.13   367   199231.71   9898884.57   392   199228.98   989806.49     318   199178.65   989940.27   343   199225.41   989910.88   368   199228.45   989854.84   393   199231.31   989806.63     319   199181.16   989940.43   344   199227.70   989892.73   369   199225.62   989855.22   395   199235.98   989806.60     320   199197.35   989942.38   345   199230.21   9898972.89   370   199225.0   989855.32   395   199235.98   989806.90     321   19918.16   989940.75   347   199235.23   989893.21   372   199225.5   989855.7   396   199236.9   989807.9     323   19918.69   989930.00   348   199237.74   989893.31   372   199218.5   989845.6   398   199241.6   989797.3     323   19918.69   989930.00   348   199237.74   989893.31   372   199218.5   989845.6   398   199241.6   989797.7	309	199156.06	9899638.85	334	199216.29	9899162.64	359	199242.89	9898708.47	384	199214.27	9898245.80
199163.59   9899579.32   337   199223.82   989903.12   362   199248.73   989863.11   387   199219.04   9898185.99   313   199166.10   9899559.48   338   199226.33   989908.27   363   199245.39   989863.39   388   199220.88   9898166.08   314   199168.61   9899539.64   339   199228.84   989963.43   364   19924.94   9898643.69   389   199222.71   9898146.16   315   19917.12   9899519.80   340   19923.35   989903.59   365   199238.44   989864.40   390   199224.54   9898162.24   316   199173.63   9899499.96   341   19923.86   9899023.75   366   199234.98   989864.30   391   199226.64   9898166.36   317   199176.14   9899480.11   342   199235.33   989912.13   367   19923.17   989854.57   392   199228.98   989806.49   318   199178.65   989940.27   343   199225.41   9899010.88   368   199228.45   989854.44   393   199231.31   989806.63   319   19918.16   989940.43   344   199227.70   989892.73   369   199225.62   989854.54   394   19923.65   989806.77   320   320   321   321   321   321   322   323   323   323   328   345   19923.21   9898972.89   370   19922.89   989855.22   395   19923.59   989806.99   322   322   323   323   328   345   19923.52   989893.21   372   199218.52   989845.47   397   19924.69   989907.09   322   323   323   328.69   329800.05   348   19923.77   989893.21   372   199218.52   989845.47   397   19924.69   989907.05   322   323   3298.69   348   19923.77   989893.21   372   199218.52   989845.57   338   199244.68   989907.75   323   324   32918.69   989938.09   348   19923.77   989893.21   372   199218.52   989845.57   338   199244.68   989907.75   324	310	199158.57	9899619.01	335	199218.80	9899142.80	360	199252.78	9898707.00	385	199215.62	9898225.84
313 19916.10 989559.48 338 199226.33 989908.27 363 199245.39 989863.39 388 199220.88 989166.08 314 199168.61 989539.64 339 199228.44 989906.343 364 199241.94 9898643.69 389 199222.71 9898146.16 315 199171.12 9899519.80 340 199231.35 989903.27 365 199238.44 9898624.00 390 199224.54 9898126.24 316 199173.63 989949.96 341 199233.86 989903.75 366 199234.98 9898604.30 391 199226.64 9898106.36 317 199176.14 989948.011 342 199235.33 989912.13 367 199231.71 9898584.57 392 199228.98 989808.49 318 199178.65 9899460.27 343 199225.41 9899010.88 368 199228.45 9898564.84 393 199231.31 989806.63 319 199181.16 989940.43 344 199227.70 9898992.73 369 199225.62 9898545.04 394 199233.65 989806.77 320 199197.35 989942.38 345 199230.21 9898972.89 370 199225.62 9898545.04 394 199235.98 989806.99 321 19918.367 989940.59 346 199237.72 989893.05 371 199220.50 9898525.22 395 199235.98 989806.99 322 19918.61 989940.75 347 199235.23 9898933.21 372 199218.52 9898485.47 397 199241.69 9897987.32 323 199188.69 989938.00 348 199237.74 9898913.37 373 199216.53 989845.57 398 19924.68 9897987.34 3999787.32 324 19918.69 989938.00 349 199237.74 9898913.37 373 199216.53 989845.57 398 19924.68 9897987.34 324 199191.20 989938.00 349 199237.74 989893.37 373 199216.53 989845.57 398 199246.68 9897987.37	311	199161.08	9899599.16	336	199221.31	9899122.96	361	199252.07	9898702.83	386	199217.21	9898205.91
314 199168.61 9899539.64 339 199228.84 989963.43 364 199241.94 9898643.69 389 199222.71 989816.16  315 199171.12 9899519.80 340 199231.35 9899043.59 365 199338.44 9898624.00 390 199224.54 9898126.24  316 199173.63 9899499.6 341 199233.86 9899023.75 366 199234.98 9898604.30 391 199226.64 9898106.36  317 199176.14 9899480.11 342 199235.33 989912.13 367 199231.71 9898584.57 392 199228.98 989806.49  318 199178.65 9899460.27 343 199225.41 9899010.88 368 199228.45 9898564.84 393 199231.31 9898066.63  319 199181.16 989940.43 344 199227.70 9898992.73 369 199225.62 9898545.04 394 199233.65 989806.77  320 199197.35 9899423.8 345 199230.21 9898972.89 370 199222.98 9898525.22 395 199235.98 989806.99  321 199183.67 989940.75 346 19923.72 989893.05 371 199220.50 9898505.37 396 199236.99 989807.09  322 199186.18 989940.75 347 199235.23 989893.32 372 199218.52 9898485.47 397 199241.69 9897987.32  323 199188.69 989380.90 348 199237.74 9898913.37 373 199216.53 989845.57 398 19924.68 9897967.54  324 19919.20 989936.06 349 199237.74 9898913.37 373 199216.53 989845.57 398 19924.68 9897967.54	312	199163.59	9899579.32	337	199223.82	9899103.12	362	199248.73	9898683.11	387	199219.04	9898185.99
315 199171.12 989519.80 340 199231.35 989903.59 365 199238.44 9898624.00 390 199224.54 9898162.42 316 199173.63 989949.96 341 199235.38 989903.75 366 199234.98 9898604.30 391 199226.64 9898166.65 317 199176.14 989940.11 342 199235.33 9899012.13 367 199231.71 9898584.57 392 199228.98 989806.49 318 199178.65 989946.27 343 199225.41 989910.88 368 199228.45 9898564.84 393 199231.31 9898066.63 319 199181.16 989940.43 344 199227.70 9898992.73 369 199225.62 9898545.04 394 199233.65 989804.67 320 199197.35 9899423.8 345 199230.21 9898972.89 370 199225.62 9898545.04 394 199235.98 989806.90 321 19918.367 989940.59 346 199232.72 9898953.05 371 199220.50 9898505.37 396 199238.69 989800.09 322 199186.18 989940.75 347 199235.23 989893.21 372 199218.52 9898485.47 397 199241.69 9897987.32 323 199188.69 989938.09 348 199237.74 9898913.37 373 199216.53 989845.57 398 199244.68 9897987.32 324 199182.09 989938.09 348 199237.74 9898913.37 373 199216.53 989845.57 398 199244.68 9897987.32 324 199191.20 989931.06 349 199240.24 9898893.22 374 199216.70 989845.57 398 199246.68 989797.52	313	199166.10	9899559.48	338	199226.33	9899083.27	363	199245.39	9898663.39	388	199220.88	9898166.08
316 199173.63 989499.96 341 199233.86 989903.75 366 199234.98 9898604.30 391 199226.64 988106.36 317 199176.14 9899480.11 342 199235.33 989912.13 367 199231.11 9898584.57 392 199228.98 989806.49 318 199178.65 9899460.27 343 199225.41 9899010.88 368 199228.45 989854.84 393 199231.31 9898066.63 319 199181.16 989940.43 344 199227.70 9898992.73 369 199225.62 9898545.04 394 199233.65 989804.77 320 199197.35 989942.38 345 199230.21 9898972.89 370 19922.98 9898525.22 395 199235.98 989806.90 321 199183.67 989940.59 346 199232.72 9898953.05 371 199220.50 9898505.37 396 199238.69 989800.79 322 199186.18 989940.75 347 199235.23 989893.21 372 199218.52 9898485.47 397 199241.69 9897987.32 323 199188.69 989938.09 348 199237.74 9898913.37 373 199216.53 989845.57 398 199244.68 9897987.32 324 199191.20 989931.06 349 199240.44 9898913.37 373 199216.53 989845.57 398 19924.68 9897987.32	314	199168.61	9899539.64	339	199228.84	9899063.43	364	199241.94	9898643.69	389	199222.71	9898146.16
199176.14   989480.11   342   199235.33   989912.13   367   199231.71   9898584.57   392   199228.98   989808.64.99   318   199178.65   989940.27   343   199225.41   9899012.88   368   199228.45   989854.84   393   199231.31   989806.63   319   19918.16   989940.43   344   199227.70   9898992.73   369   199225.62   9898545.04   394   199233.65   989804.77   320   199197.35   9899423.38   345   199230.21   9898972.89   370   19922.98   9898525.22   395   199235.98   989802.69   321   19918.67   989940.59   346   199232.72   9898972.89   370   19922.98   9898525.22   395   199235.98   989802.69   321   19918.68   989940.75   347   199235.23   989893.21   372   199218.52   989848.47   397   199241.69   9897987.32   323   199188.69   989938.09   348   199237.74   9898913.37   373   199216.53   989845.57   398   19924.68   9897967.54   324   19919.20   989931.06   349   199240.24   989893.25   374   199215.70   989845.63   399   199247.68   9897947.77	315	199171.12	9899519.80	340	199231.35	9899043.59	365	199238.44	9898624.00	390	199224.54	9898126.24
318 199178.65 989460.27 343 199225.41 989910.88 368 199228.45 9898564.84 393 199231.31 988966.63 319 199181.16 989940.43 344 199227.70 9898992.73 369 199225.62 9898545.04 394 199233.65 989804.77 320 199197.35 9899423.8 345 199230.21 9898972.89 370 19922.98 9898525.22 395 199235.98 9898026.90 321 199183.67 989940.59 346 19923.72 9898953.05 371 19920.50 9898505.37 396 199238.69 9898007.09 322 199186.18 989940.75 347 199235.23 989893.21 372 199218.52 9898485.47 397 199241.69 9897987.32 323 199188.69 9899380.90 348 199237.74 9898913.37 373 199216.53 9898465.57 398 199244.68 9897967.54 324 199191.20 989936.06 349 199240.24 989889.35 374 199215.07 989845.63 399 199247.68 9897947.77	316	199173.63	9899499.96	341	199233.86	9899023.75	366	199234.98	9898604.30	391	199226.64	9898106.36
319 19181.16 989440.43 344 199227.70 989892.73 369 199225.62 9898545.04 394 19923.65 989804.77  320 199197.35 989942.38 345 199230.21 9898972.89 370 199222.98 9898525.22 395 199235.98 9898026.90  321 199183.67 9899420.59 346 199232.72 9898953.05 371 199220.50 9898505.37 396 199238.69 9898007.09  322 199186.18 989940.75 347 199235.23 989893.21 372 199218.52 9898485.47 397 199241.69 9897987.32  323 19918.69 9899380.90 348 199237.74 9898913.37 373 199216.53 9898465.57 398 199244.68 9897967.54  324 199191.20 9899361.06 349 199240.24 9898893.52 374 199215.07 9898445.63 399 199247.68 9897947.77	317	199176.14	9899480.11	342	199235.33	9899012.13	367	199231.71	9898584.57	392	199228.98	9898086.49
320 199197.35 9899423.88 345 199230.21 9898972.89 370 199222.98 9898525.22 395 199235.98 9898026.90 321 199183.67 9899420.59 346 199232.72 9898953.05 371 199220.50 9898505.37 396 199238.69 9898007.09 322 199186.18 989940.75 347 199235.23 9898933.21 372 199218.52 9898485.47 397 199241.69 9897987.32 323 199188.69 989938.09 348 199237.74 9898913.37 373 199216.53 9898465.57 398 199244.68 9897967.54 324 199191.20 9899361.06 349 199240.24 9898893.52 374 199215.07 9898445.63 399 199247.68 9897947.77	318	199178.65	9899460.27	343	199225.41	9899010.88	368	199228.45	9898564.84	393	199231.31	9898066.63
321 19918.67 989420.59 346 19923.72 9898953.05 371 199220.50 9898505.37 396 199238.69 989807.09 322 199186.18 98940.75 347 199235.23 989893.21 372 199218.52 9898485.47 397 199241.69 9897987.32 323 19918.69 989938.00 348 199237.74 9898913.37 373 199216.53 9898465.57 398 199244.68 9897967.54 324 19919.20 9899361.06 349 199240.24 9898893.52 374 19921.07 9898445.63 399 199247.68 9897947.77	319	199181.16	9899440.43	344	199227.70	9898992.73	369	199225.62	9898545.04	394	199233.65	9898046.77
322 199186.18 989400.75 347 199235.23 9898933.21 372 199218.52 9898485.47 397 199241.69 9897987.32 323 19918.69 9899380.90 348 199237.74 9898913.37 373 199216.53 9898465.57 398 199244.68 9897967.54 324 199191.20 9899361.06 349 199240.24 9898893.52 374 199215.07 9898445.63 399 199247.68 9897947.77	320	199197.35	9899423.38	345	199230.21	9898972.89	370	199222.98	9898525.22	395	199235.98	9898026.90
323 199188.69 989380.90 348 199237.74 9898913.37 373 199216.53 9898465.57 398 199244.68 9897967.54 324 199191.20 9899361.06 349 199240.24 9898893.52 374 199215.07 9898445.63 399 199247.68 9897947.77	321	199183.67	9899420.59	346	199232.72	9898953.05	371	199220.50	9898505.37	396	199238.69	9898007.09
324 199191.20 9899361.06 349 199240.24 9898893.52 374 199215.07 9898445.63 399 199247.68 9897947.77	322	199186.18	9899400.75	347	199235.23	9898933.21	372	199218.52	9898485.47	397	199241.69	9897987.32
	323	199188.69	9899380.90	348	199237.74	9898913.37	373	199216.53	9898465.57	398	199244.68	9897967.54
325 199193.71 9899341.22 350 199242.59 9898873.66 375 199213.76 9898425.67 400 199250.67 9897927.99	324	199191.20	9899361.06	349	199240.24	9898893.52	374	199215.07	9898445.63	399	199247.68	9897947.77
	325	199193.71	9899341.22	350	199242.59	9898873.66	375	199213.76	9898425.67	400	199250.67	9897927.99

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										Page 3	1011117
Number	Coord	dinates	Number	Coord	linates	Number	Coord	linates	Number	Coord	linates
Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E (Y)
401	199253.96	9897908.27	426	199371.98	9897420.81	451	199363.60	9896979.76	476	199330.51	9896536.48
402	199257.45	9897888.57	427	199369.38	9897401.69	452	199357.25	9896960.79	477	199332.87	9896516.61
403	199260.96	9897868.88	428	199389.51	9897380.98	453	199350.91	9896941.83	478	199335.22	9896496.75
404	199264.58	9897849.21	429	199381.17	9897363.47	454	199344.56	9896922.86	479	199337.58	9896476.89
405	199268.21	9897829.55	430	199388.61	9897340.20	455	199338.26	9896903.88	480	199339.84	9896457.02
406	199271.84	9897809.88				456	199332.07	9896884.86	481	199342.08	9896437.15
407	199275.47	9897790.21	432	199380.58	9897331.84	457	199325.87	9896865.84	482	199344.09	9896417.25
408	199279.10	9897770.54	433	199385.99	9897312.58	458	199320.24	9896846.65	483	199345.61	9896397.31
409	199282.76	9897750.88	434	199391.40	9897293.33	459	199319.47	9896843.96	484	199347.14	9896377.37
410	199286.69	9897731.27	435	199395.42	9897273.76	460	199329.12	9896841.35	485	199347.92	9896357.39
411	199290.61	9897711.66	436	199414.26	9897250.67	461	199327.60	9896834.31	486	199348.45	9896337.39
412	199302.63	9897692.05	437	199398.92	9897254.06	462	199323.36	9896814.77	487	199348.79	9896317.40
413	199298.46	9897672.44	438	199402.09	9897234.33	463	199319.13	9896795.22	488	199348.32	9896297.41
414	199302.50	9897652.85	439	199403.38	9897214.37	464	199316.84	9896775.35	489	199347.85	9896277.41
415	199307.07	9897633.38	440	199404.67	9897194.42	465	199314.58	9896755.48	490	199346.75	9896257.45
416	199311.65	9897613.91	441	199404.72	9897174.45	466	199313.53	9896735.53	491	199345.28	9896237.50
417	199316.23	9897594.44	442	199403.78	9897154.47	467	199313.27	9896715.53	492	199343.74	9896217.56
418	199320.80	9897574.97	443	199402.85	9897134.49	468	199313.50	9896695.56	493	199341.28	9896197.72
419	199325.51	9897555.54	444	199399.76	9897114.73	469	199315.36	9896675.64	494	199338.82	9896177.87
420	199330.74	9897536.23	445	199404.70	9897094.98	470	199317.21	9896655.73	495	199335.87	9896158.09
421	199335.96	9897516.92	446	199392.65	9897075.41	471	199319.06	9896635.81	496	199332.43	9896138.39
422	199341.18	9897497.62	447	199387.44	9897056.10	472	199321.09	9896615.92	497	199329.00	9896118.69
423	199354.45	9897478.31	448	199382.24	9897036.79	473	199323.44	9896596.06	498	199324.98	9896099.10
424	199351.79	9897459.05	449	199376.17	9897017.73	474	199325.80	9896576.20	499	199320.93	9896079.51
425	199357.65	9897439.93	450	199369.93	9896998.73	475	199328.15	9896556.34	500	199316.88	9896059.92

Ntungamo - Mirama Hills(Kakitumba) Road Project

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Γ	V 1	Coord	linates		Coord	linates		Coord	linates		Coord	linates
	Number	N(X)	E (Y)	Number	N(X)	E (Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)
	501	199312.83	9896040.34	526	199324.09	9895572.68	551	199215.14	9895154.75	576	198948.17	9894733.28
	502	199308.78	9896020.75	527	199326.46	9895552.82	552	199203.08	9895138.80	577	198938.64	9894715.69
	503	199305.18	9896001.08	528	199328.84	9895532.96	553	199191.01	9895122.85	578	198929.11	9894698.11
	504	199301.60	9895981.40	529	199330.85	9895513.07	554	199178.94	9895106.89	579	198919.58	9894680.53
	505	199299.05	9895961.59	530	199332.81	9895493.16	555	199166.88	9895090.94	580	198910.05	9894662.95
	506	199297.44	9895941.66	531	199334.15	9895473.23	556	199154.81	9895074.99	581	198900.52	9894645.36
	507	199296.25	9895921.71	532	199334.11	9895453.23	557	199142.76	9895059.04	582	198890.99	9894627.78
	508	199297.07	9895901.73	533	199334.08	9895433.23	558	199130.79	9895043.01	583	198881.46	9894610.20
	509	199297.90	9895881.75	534	199331.66	9895413.44	559	199118.81	9895026.99	584	198871.92	9894592.61
	510	199299.92	9895861.86	535	199328.24	9895393.73	560	199107.20	9895010.71	585	198862.39	9894575.03
	511	199302.23	9895841.99	536	199324.83	9895374.02	561	199095.81	9894994.28	586	198852.86	9894557.45
	512	199304.54	9895822.13	537	199321.63	9895355.56	562	199084.57	9894977.74	587	198843.33	9894539.86
	513	199306.85	9895802.26	538	199331.26	9895352.88	563			588	198833.80	9894522.28
	514	199309.16	9895782.39	539	199327.47	9895342.27	564	199063.45	9894943.77	589	198824.27	9894504.70
	515	199311.82	9895759.50	540	199320.75	9895323.43	565	199053.52	9894926.41	590	198814.74	9894487.12
	516	199301.89	9895758.31	541	199314.02	9895304.60	566	199043.80	9894908.93	591	198805.21	9894469.53
	517	199302.72	9895751.41	542	199304.97	9895286.78	567	199034.08	9894891.45	592	198795.68	9894451.95
	518	199305.09	9895731.55	543	199295.63	9895269.10	568	199024.42	9894873.94	593	198786.15	9894434.37
	519	199307.46	9895711.69	544	199285.82	9895251.70	569	199014.89	9894856.36	594	198776.62	9894416.78
	520	199309.84	9895691.83	545	199274.26	9895235.38	570	199005.36	9894838.78	595	198767.09	9894399.20
	521	199312.21	9895671.97	546	199262.70	9895219.07	571	198995.83	9894821.19	596	198757.55	9894381.62
	522	199314.59	9895652.11	547	199251.14	9895202.75	572	198986.29	9894803.61	597	198757.55	9894381.62
	523	199316.96	9895632.26	548	199239.27	9895186.65	573	198976.76	9894786.03	598	198748.02	9894364.03
	524	199319.34	9895612.40	549	199227.21	9895170.70	574	198967.23	9894768.44	599	198738.49	9894346.45
ſ	525	199321.71	9895592.54	550	199215.14	9895154.75	575	198957.70	9894750.86	600	198742.70	9894322.32

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	Coord	linates		Coord	linates		Coord	inates		Coord	linates
Number	N(X)	E(Y)	Number	N(X)	E (Y)	Number	N(X)	E (Y)	Number	N(X)	E(Y)
601	198719.43	9894311.28	626	198533.93	9893852.41	651	198593.60	9893356.62	676	198665.91	9892861.89
602	198709.90	9894293.70	627	198533.42	9893832.42	652	198596.46	9893336.83	677	198670.51	9892842.42
603	198700.37	9894276.12	628	198532.91	9893812.43	653	198599.33	9893317.03	678	198675.10	9892822.96
604	198690.84	9894258.54	629	198533.96	9893792.46	654	198602.19	9893297.24	679	198681.77	9892804.14
605	198681.31	9894240.95	630	198535.12	9893772.49	655	198605.06	9893277.44	680	198697.39	9892785.49
606	198671.78	9894223.37	631	198537.06	9893752.60	656	198607.92	9893257.65	681	198697.44	9892767.41
607	198662.25	9894205.79	632	198539.66	9893732.77	657	198610.78	9893237.86	682	198707.25	9892749.99
608	198652.72	9894188.20	633	198542.27	9893712.94	658	198613.65	9893218.06	683	198717.42	9892732.80
609	198643.18	9894170.62	634	198544.90	9893693.11	659	198616.51	9893198.27	684	198729.62	9892716.94
610	198633.65	9894153.04	635	198547.76	9893673.32	660	198619.38	9893178.47	685	198741.81	9892701.09
611	198624.12	9894135.45	636	198550.63	9893653.53	661	198622.24	9893158.68	686	198755.77	9892686.81
612	198614.68	9894117.83	637	198553.49	9893633.73	662	198625.11	9893138.89	687	198770.09	9892672.85
613	198605.25	9894100.18	638	198556.36	9893613.94	663	198627.97	9893119.09	688	198785.19	9892659.77
614	198596.11	9894082.40	639	198559.22	9893594.14	664	198630.84	9893099.30	689		
615	198587.59	9894064.31	640	198562.09	9893574.35	665	198633.70	9893079.51	690	198793.36	9892640.83
616	198579.06	9894046.22	641	198564.95	9893554.56	666	198636.57	9893059.71	691	198803.95	9892634.43
617	198571.90	9894027.55	642	198567.82	9893534.76	667	198639.43	9893039.92	692	198821.06	9892624.08
618	198564.88	9894008.82	643	198570.68	9893514.97	668	198642.29	9893020.12	693	198838.46	9892614.27
619	198558.67	9893989.83	644	198573.55	9893495.18	669	198645.16	9893000.33	694	198856.81	9892606.32
620	198553.23	9893970.58	645	198576.41	9893475.38	670	198648.02	9892980.54	695	198875.16	9892598.37
621	198547.99	9893951.29	646	198579.27	9893455.59	671	198650.89	9892960.74	696	198893.91	9892591.42
622	198544.17	9893931.66	647	198582.14	9893435.79	672	198653.75	9892940.95	697	198912.74	9892584.70
623	198540.35	9893912.03	648	198585.00	9893416.00	673	198656.62	9892921.16	698	198931.62	9892578.09
624	198537.73	9893892.21	649	198587.87	9893396.21	674	198659.59	9892901.38	699	198950.51	9892571.52
625	198535.56	9893872.33	650	198590.73	9893376.41	675	198662.65	9892881.61	700	198969.40	9892564.94

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	Coord	linates		Coord	linates		Coord	inates		Coord	linates
Number	N(X)	E(Y)	Number	N(X)	E (Y)	Number	N(X)	E (Y)	Number	N(X)	E(Y)
701	198988.29	9892558.36	726	199456.76	9892384.24	751	199897.09	9892147.83	776	200322.39	9891885.17
702	199007.17	9892551.78	727	199474.94	9892375.91	752	199914.50	9892137.99	777	200339.19	9891874.31
703	199026.06	9892545.21	728	199493.12	9892367.58	753	199931.92	9892128.16	778	200355.98	9891863.45
704	199044.95	9892538.63	729	199519.44	9892359.25	754	199949.30	9892118.28	779	200372.77	9891852.58
705	199063.84	9892532.05	730	199529.24	9892350.40	755	199966.59	9892108.22	780	200389.56	9891841.72
706	199082.72	9892525.47	731	199547.09	9892341.38	756	199992.33	9892098.15	781	200406.36	9891830.86
707	199101.61	9892518.89	732	199564.94	9892332.37	757	200001.16	9892088.09	782	200423.15	9891819.99
708	199120.50	9892512.32	733	199582.80	9892323.35	758	200018.45	9892078.03	783	200439.94	9891809.13
709	199139.39	9892505.74	734	199600.58	9892314.20	759	200035.69	9892067.90	784	200456.73	9891798.27
710	199158.27	9892499.16	735	199618.11	9892304.58	760	200052.73	9892057.43	785	200473.53	9891787.40
711	199177.16	9892492.58	736	199635.65	9892294.96	761	200069.77	9892046.96	786	200490.32	9891776.54
712	199196.05	9892486.01	737	199653.19	9892285.35	762	200086.81	9892036.49	787	200507.11	9891765.68
713	199214.93	9892479.43	738	199670.70	9892275.69	763	200103.85	9892026.02	788	200523.90	9891754.81
714	199233.82	9892472.85	739	199688.11	9892265.85	764	200120.77	9892015.35	789	200540.70	9891743.95
715	199252.67	9892466.16	740	199705.53	9892256.02	765	200137.62	9892004.59	790	200557.49	9891733.09
716	199271.43	9892459.23	741	199722.94	9892246.18	766	200154.47	9891993.81	791	200574.28	9891722.22
717	199290.19	9892452.30	742	199740.36	9892236.34	767	200171.26	9891982.95	792	200591.07	9891711.36
718	199308.95	9892445.37	743	199757.77	9892226.51	768	200188.05	9891972.08	793	200607.87	9891700.50
719	199327.71	9892438.44	744	199775.18	9892216.67	769	200204.85	9891961.22	794	200624.66	9891689.63
720	199346.39	9892431.30	745	199792.60	9892206.84	770	200221.64	9891950.36	795	200641.45	9891678.77
721	199364.88	9892423.66	746	199810.01	9892197.00	771	200238.43	9891939.49	796	200658.24	9891667.91
722	199383.36	9892416.03	747	199827.43	9892187.17	772	200255.22	9891928.63	797	200675.03	9891657.04
723	199401.85	9892408.39	748	199844.84	9892177.33	773	200272.02	9891917.76	798	200691.85	9891646.22
724	199420.33	9892408.39	749	199862.26	9892167.50	774	200288.81	9891906.90	799	200725.77	9891625.02
725	199438.58	9892392.58	750	199879.67	9892157.66	775	200305.60	9891896.04	800	200743.32	9891615.45

Ntungamo - Mirama Hills(Kakitumba) Road Project

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Number	Coord	linates	Number	Coord	linates	Number	Coord	linates	Number	Coord	linates
	N(X)	E(Y)		N(X)	E(Y)		N(X)	E(Y)		N(X)	E(Y)
801	200761.13	9891606.35	826	201232.96	9891529.81	851	201731.16	9891489.20	876	202190.58	9891473.52
802	200779.21	9891597.89	827	201252.83	9891527.53	852	201751.15	9891488.60	877	202210.36	9891470.56
803	200798.01	9891591.06	828	201272.70	9891525.26	853	201771.14	9891488.18	878	202230.09	9891467.33
804	200798.01	9891591.06	829	201292.57	9891522.99	854	201791.14	9891487.77	879	202249.78	9891463.78
805	200816.81	9891584.24	830	201312.44	9891520.72	855	201811.13	9891487.36	880	202269.46	9891460.24
806	200836.23	9891579.50	831	201332.31	9891518.45	856	201831.13	9891486.95	881	202289.14	9891456.69
807	200855.73	9891575.05	832	201352.21	9891516.50	857	201851.13	9891486.55	882	202308.85	9891453.31
808	200875.38	9891571.48	833	201372.12	9891514.55	858	201871.13	9891486.35	883	202328.57	9891449.93
809	200895.21	9891568.89	834	201392.02	9891512.61	859	201891.12	9891486.14	884	202348.28	9891446.55
810	200915.05	9891566.31	835	201411.93	9891510.66	860	201911.12	9891485.94	885	202368.06	9891443.64
811	200934.90	9891563.88	836	201431.83	9891508.73	861	201931.12	9891485.73	886	202387.91	9891441.23
812	200954.77	9891561.61	837	201451.77	9891507.12	862	201951.12	9891485.52	887	202407.77	9891438.84
813	200974.64	9891559.34	838	201471.71	9891505.52	863	201971.12	9891485.32	888	202427.72	9891437.42
814	200994.51	9891557.07	839	201491.64	9891503.91	864	201991.12	9891485.11	889	202447.67	9891436.00
815	201014.38	9891554.80	840	201511.58	9891502.31	865	202011.12	9891484.91	890	202467.64	9891435.08
816	201034.25	9891552.52	841	201531.51	9891500.71	866	202031.12	9891484.64	891	202487.64	9891434.55
817	201054.12	9891550.25	842	201551.46	9891499.25	867	202051.11	9891484.33	892	202507.63	9891434.04
818	201073.99	9891547.98	843	201571.41	9891497.80	868	202051.11	9891484.33	893	202527.63	9891433.79
819	201093.86	9891545.71	844	201591.35	9891496.34	869	202071.11	9891483.98	894	202547.63	9891433.54
820	201113.73	9891543.44	845	201611.30	9891494.88	870	202091.09	9891482.98	895	202567.62	9891433.29
821	201133.60	9891541.17	846	201631.25	9891493.46	871	202111.06	9891481.98	896	202587.62	9891433.03
822	201153.47	9891538.89	847	201651.23	9891492.60	872	202129.69	9891482.98	897	202607.62	9891432.62
823	201173.34	9891536.62	848	201671.21	9891491.75	873	202131.00	9891480.45	898	202627.61	9891432.10
824	201193.21	9891534.35	849	201691.19	9891490.90	874	202150.90	9891478.47	899	202647.60	9891431.49
825	201213.08	9891532.08	850	201711.18	9891490.05	875	202170.80	9891476.48	900	202667.51	9891429.56

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Coordinates				Ī	I		Ī				
Number	Coord	linates	Number	Coord	linates	Number	Coord	inates	Number	Coord	linates
	N(X)	E(Y)		N(X)	E(Y)		N(X)	E (Y)		N(X)	E(Y)
901	202687.41	9891427.62	926	203160.43	9891268.26	951	203616.43	9891122.30	976	204096.13	9891106.66
902	202707.18	9891424.73	927	203179.19	9891261.35	952	203636.38	9891120.82	977	204116.13	9891106.38
903	202726.79	9891420.83	928	203197.96	9891254.44	953	203656.33	9891119.35	978	204136.11	9891107.00
904	202746.41	9891416.93	929	203216.73	9891247.52	954	203676.30	9891118.34	979	204156.07	9891108.21
905	202765.60	9891411.32	930	203235.49	9891240.61	955	203696.29	9891117.69	980	204175.99	9891109.78
906	202784.75	9891405.54	931	203254.26	9891233.69	956	203716.28	9891117.08	981	204195.74	9891112.97
907	202803.78	9891399.41	932	203273.03	9891226.78	957	203736.27	9891116.52	982	204215.48	9891116.16
908	202822.58	9891392.60	933	203291.79	9891219.86	958	203756.26	9891115.96	983	204234.93	9891120.76
909	202841.39	9891385.79	934	203310.56	9891212.95	959	203776.25	9891115.39	984	204254.28	9891125.81
910	202860.16	9891378.90	935	203329.33	9891206.03	960	203796.24	9891114.83	985	204273.56	9891131.12
911	202878.93	9891371.98	936	203348.09	9891199.12	961	203816.24	9891114.26	986	204292.68	9891136.99
912	202897.69	9891365.07	937	203366.86	9891192.20	962	203836.23	9891113.70	987	204311.78	9891142.92
913	202916.46	9891358.15	938	203385.63	9891185.29	963	203856.22	9891113.13	988	204330.87	9891148.86
914	202935.23	9891351.24	939	203404.40	9891178.38	964	203876.21	9891112.57	989	204349.97	9891154.81
915	202953.99	9891344.33	940	203423.17	9891171.47	965	203896.20	9891112.01	990	204369.07	9891160.75
916	202972.76	9891337.41	941	203441.99	9891164.72	966	203916.20	9891111.44	991	204388.16	9891166.70
917	202991.53	9891330.50	942	203460.83	9891158.00	967	203936.19	9891110.88	992	204407.26	9891172.64
918	203010.29	9891323.58	943	203460.83	9891158.00	968	203956.18	9891110.31	993	204426.36	9891178.59
919	203029.06	9891316.67	944	203479.79	9891151.65	969	203975.17	9891124.62	994	204445.45	9891184.53
920	203047.83	9891309.75	945	203498.97	9891145.99	970	203976.17	9891109.75	995	204464.55	9891190.47
921	203066.59	9891302.84	946	203518.15	9891140.33	971	203996.16	9891109.18	996	204483.64	9891196.42
922	203085.36	9891295.92	947	203537.65	9891135.92	972	204016.16	9891108.62	997	204502.74	9891202.36
923	203104.13	9891289.01	948	203557.19	9891131.64	973	204036.15	9891108.06	998	204521.84	9891208.31
924	203122.89	9891282.09	949	203576.85	9891128.01	974	204056.14	9891107.49	999	204540.93	9891214.25
925	203141.66	9891275.18	950	203596.64	9891125.14	975	204076.13	9891106.95	1000	204560.03	9891220.20

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Number	Coord	linates	Number	Coord	linates	Number	Coord	inates	Number	Coord	linates
	N(X)	E(Y)		N(X)	E (Y)		N(X)	E(Y)		N(X)	E(Y)
1001	204579.13	9891226.14	1026	205049.39	9891291.39	1051	205472.68	9891142.30	1076	205925.38	9890930.00
1002	204598.22	9891232.08	1027	205069.20	9891288.66	1052	205490.79	9891133.81	1077	205943.49	9890921.51
1003	204617.32	9891238.03	1028	205088.80	9891284.69	1053	205508.90	9891125.31	1078	205961.59	9890913.02
1004	204636.41	9891243.97	1029	205108.40	9891280.69	1054	205527.01	9891116.82	1079	205979.70	9890904.53
1005	204655.51	9891249.92	1030	205127.88	9891276.20	1055	205545.11	9891108.33	1080	205997.83	9890896.09
1006	204674.62	9891255.82	1031	205147.21	9891271.07	1056	205563.22	9891099.84	1081	206016.03	9890887.79
1007	204693.75	9891261.65	1032	205166.41	9891265.51	1057	205581.33	9891091.35	1082	206034.22	9890879.49
1008	204712.88	9891267.47	1033	205185.41	9891259.26	1058	205599.44	9891082.85	1083	206052.42	9890871.19
1009	204732.22	9891272.59	1034	205204.41	9891253.02	1059	205617.55	9891074.36	1084	206070.62	9890862.89
1010	204751.59	9891277.54	1035	205223.04	9891245.75	1060	205635.65	9891065.87	1085	206088.81	9890854.59
1011	204771.05	9891282.15	1036	205241.60	9891238.30	1061	205653.76	9891057.38	1086	206107.01	9890846.28
1012	204790.70	9891285.84	1037	205260.04	9891230.57	1062	205671.87	9891048.89	1087	206125.21	9890837.98
1013	204811.61	9891303.88	1038	205278.19	9891222.18	1063	205689.98	9891040.40	1088	206137.84	9890832.22
1014	204810.36	9891289.54	1039	205296.35	9891213.79	1064	205708.08	9891031.90	1089	206133.80	9890823.08
1015	204830.16	9891292.31	1040	205318.54	9891203.54	1065	205726.19	9891023.41	1090	206148.59	9890816.66
1016	204850.01	9891294.73	1041	205322.79	9891212.59	1066	205744.30	9891014.92	1091	206166.93	9890808.70
1017	204869.88	9891296.93	1042	205327.82	9891210.23	1067	205762.41	9891006.43	1092	206185.28	9890800.73
1018	204889.85	9891298.07	1043	205345.93	9891201.74	1068	205780.52	9890997.94	1093	206203.63	9890792.77
1019	204909.82	9891299.20	1044	205364.04	9891193.25	1069	205798.62	9890989.45	1094	206221.97	9890784.81
1020	204929.80	9891299.53	1045	205382.14	9891184.76	1070	205816.73	9890980.95	1095	206240.40	9890777.05
1021	204949.80	9891299.38	1046	205400.25	9891176.26	1071	205834.84	9890972.46	1096	206258.86	9890769.34
1022	204969.80	9891299.12	1047	205418.36	9891167.77	1072	205852.95	9890963.97	1097	206277.31	9890761.63
1023	204989.75	9891299.12	1048	205436.47	9891159.28	1073	205871.05	9890955.48	1098	206295.76	9890753.91
1024	205009.70	9891296.23	1049	205436.47	9891159.28	1074	205889.16	9890946.99	1099	206314.25	9890746.28
1025	205029.57	9891294.12	1050	205454.58	9891150.79	1075	205907.27	9890938.50	1100	206332.80	9890738.80

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Coordinates		1						1			
Number	Coord	linates	Number	Coord	linates	Number	Coord	linates	Number	Coord	linates
	N(X)	E(Y)		N(X)	E (Y)		N(X)	E (Y)		N(X)	E(Y)
1101	206351.35	9890731.33	1126	206800.18	9890561.22	1151	207288.88	9890463.90	1176	207724.31	9890321.70
1102	206369.90	9890723.86	1127	206818.92	9890554.23	1152	207308.69	9890461.15	1177	207742.86	9890314.21
1103	206388.45	9890716.38	1128	206837.71	9890547.37	1153	207328.49	9890458.35	1178	207761.40	9890306.73
1104	206407.11	9890709.17	1129	206856.51	9890540.54	1154	207348.29	9890455.54	1179	207779.95	9890299.25
1105	206425.78	9890702.00	1130	206875.42	9890534.05	1155	207367.92	9890451.67	1180	207798.50	9890291.76
1106	206444.45	9890694.83	1131	206894.53	9890528.15	1156	207387.54	9890447.81	1181	207817.02	9890284.21
1107	206444.45	9890694.83	1132	206913.63	9890522.24	1157	207406.99	9890443.23	1182	207835.48	9890276.53
1108	206463.12	9890687.66	1133	206933.05	9890517.44	1158	207426.23	9890437.76	1183	207853.95	9890268.84
1109	206481.79	9890680.49	1134	206952.49	9890512.74	1159	207426.23	9890437.76	1184	207872.00	9890260.24
1110	206500.46	9890673.33	1135	206972.04	9890508.61	1160	207445.46	9890432.29	1185	207889.95	9890251.43
1111	206519.13	9890666.16	1136	206991.74	9890505.12	1161	207464.23	9890425.40	1186	207907.70	9890242.24
1112	206537.86	9890659.14	1137	207011.43	9890501.63	1162	207482.94	9890418.32	1187	207924.86	9890231.96
1113	206556.60	9890652.15	1138	207031.24	9890498.87	1163	207501.64	9890411.24	1188	207942.01	9890221.68
1114	206575.34	9890645.15	1139	207051.05	9890496.11	1164	207520.29	9890404.03	1189	207958.55	9890210.46
1115	206594.07	9890638.16	1140	207070.87	9890493.42	1165	207538.84	9890396.54	1190	207974.80	9890198.80
1116	206612.81	9890631.16	1141	207090.69	9890490.74	1166	207557.39	9890389.06	1191	207990.98	9890187.04
1117	206631.55	9890624.17	1142	207110.51	9890488.06	1167	207575.94	9890381.57	1192	208006.64	9890174.60
1118	206650.29	9890617.18	1143	207130.33	9890485.37	1168	207594.48	9890374.09	1193	208022.28	9890162.15
1119	206669.02	9890610.18	1144	207150.14	9890482.69	1169	207613.03	9890366.60	1194	208037.86	9890149.61
1120	206687.76	9890603.19	1145	207169.96	9890480.00	1170	207631.58	9890359.12	1195	208053.44	9890137.07
1121	206706.50	9890596.19	1146	207189.78	9890477.32	1171	207650.12	9890351.64	1196	208069.02	9890124.53
1122	206725.23	9890589.20	1147	207209.60	9890474.64	1172	207650.12	9890351.64	1197	208084.60	9890111.99
1123	206743.97	9890582.21	1148	207229.42	9890471.95	1173	207668.67	9890344.15	1198	208100.18	9890099.45
1124	206762.71	9890575.21	1149	207249.24	9890469.27	1174	207687.22	9890336.67	1199	208115.76	9890086.90
1125	206781.45	9890568.22	1150	207269.06	9890466.58	1175	207705.76	9890329.18	1200	208131.34	9890074.36

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Number	Coordinates		Number	Coord	linates	Number	Coordinates		Number	Coord	Coordinates	
	N(X)	E(Y)		N(X)	E (Y)		N(X)	E(Y)		N(X)	E(Y)	
1201	208155.41	9890061.82	1226	208533.42	9889778.81	1251	208973.76	9889541.96	1276	209423.52	9889323.70	
1202	208162.50	9890049.28	1227	208551.01	9889769.30	1252	208991.45	9889532.63	1277	209441.64	9889315.23	
1203	208178.08	9890036.74	1228	208568.62	9889759.82	1253	209009.14	9889523.30	1278	209459.76	9889306.76	
1204	208193.66	9890024.20	1229	208586.24	9889750.34	1254	209026.83	9889513.96	1279	209495.99	9889289.82	
1205	208209.24	9890011.66	1230	208603.85	9889740.86	1255	209044.56	9889504.72	1280	209477.87	9889298.29	
1206	208224.82	9889999.12	1231	208621.46	9889731.38	1256	209062.43	9889495.72	1281	209514.11	9889281.35	
1207	208240.40	9889986.58	1232	208639.07	9889721.90	1257	209080.29	9889486.73	1282	209532.23	9889272.88	
1208	208255.98	9889974.04	1233	208656.68	9889712.42	1258	209098.15	9889477.73	1283	209550.34	9889264.41	
1209	208271.56	9889961.50	1234	208674.29	9889702.94	1259	209116.01	9889468.73	1284	209568.46	9889255.94	
1210	208287.14	9889948.96	1235	208691.90	9889693.46	1260	209134.01	9889460.01	1285	209586.58	9889247.47	
1211	208302.72	9889936.42	1236	208709.51	9889683.98	1261	209152.05	9889451.37	1286	209604.70	9889239.00	
1212	208318.30	9889923.87	1237	208727.12	9889674.50	1262	209170.09	9889442.73	1287	209622.82	9889230.53	
1213	208333.89	9889911.34	1238	208744.73	9889665.02	1263	209188.12	9889434.10	1288	209640.93	9889222.05	
1214	208349.54	9889898.90	1239	208762.34	9889655.54	1264	209206.16	9889425.46	1289	209659.05	9889213.58	
1215	208365.20	9889886.45	1240	208779.95	9889646.06	1265	209224.22	9889416.87	1290	209677.17	9889205.11	
1216	208381.13	9889874.37	1241	208797.56	9889636.58	1266	209242.34	9889408.40	1291	209695.29	9889196.64	
1217	208397.23	9889862.50	1242	208815.17	9889627.10	1267	209260.46	9889399.93	1292	209713.41	9889188.17	
1218	208397.23	9889862.50	1243	208832.78	9889617.62	1268	209278.58	9889391.46	1293	209731.52	9889179.70	
1219	208413.43	9889850.77	1244	208850.39	9889608.14	1269	209296.70	9889382.99	1294	209749.64	9889171.23	
1220	208430.10	9889839.73	1245	208868.00	9889598.66	1270	209314.81	9889374.52	1295	209767.76	9889162.76	
1221	208446.77	9889828.68	1246	208885.61	9889589.18	1271	209332.93	9889366.05	1296	209785.88	9889154.29	
1222	208463.82	9889818.23	1247	208903.22	9889579.70	1272	209351.05	9889357.58	1297	209803.99	9889145.82	
1223	208481.02	9889808.02	1248	208920.83	9889570.22	1273	209369.17	9889349.11	1298	209822.07	9889137.27	
1224	208498.31	9889797.97	1249	208938.44	9889560.74	1274	209387.28	9889340.64	1299	209840.14	9889128.69	
1225	208513.52	9889802.16	1250	208956.07	9889551.30	1275	209405.40	9889332.17	1300	209858.14	9889119.97	

Ntungamo - Mirama Hills(Kakitumba) Road Project

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Number	Coordinates			Coordinates		Number	Coordinates			Coordinates		
	Number	N(X)	E(Y)									
	1301	209875.96	9889110.89	1326	210303.60	9888852.96	1351	210799.12	9888706.05	1376	211242.04	9888474.06
	1302	209893.78	9889101.81	1327	210322.29	9888845.88	1352	210816.82	9888696.73	1377	211260.02	9888465.31
	1303	209911.36	9889092.29	1328	210341.09	9888839.05	1353	210834.51	9888687.41	1378	211278.01	9888456.56
	1304	209928.87	9889082.62	1329	210360.09	9888832.85	1354	210852.21	9888678.08	1379	211296.00	9888447.82
	1305	209946.30	9889072.82	1330	210379.39	9888827.61	1355	210869.90	9888668.76	1380	211313.98	9888439.07
	1306	209963.48	9889062.58	1331	210398.69	9888822.37	1356	210887.60	9888659.44	1381	211332.02	9888430.45
	1307	209980.65	9889052.33	1332	210418.31	9888818.52	1357	210905.29	9888650.12	1382	211350.20	9888422.10
	1308	209997.56	9889041.65	1333	210437.95	9888814.73	1358	210922.99	9888640.80	1383	211368.38	9888413.76
	1309	210014.36	9889030.79	1334	210457.64	9888811.21	1359	210940.68	9888631.47	1384	211386.55	9888405.41
	1310	210031.16	9889019.94	1335	210477.37	9888807.96	1360	210958.37	9888622.15	1385	211404.73	9888397.06
	1311	210047.93	9889009.05	1336	210497.11	9888804.72	1361	210976.07	9888612.83	1386	211422.95	9888388.83
	1312	210064.61	9888998.02	1337	210516.84	9888801.47	1362	210993.76	9888603.51	1387	211441.28	9888380.83
	1313	210081.29	9888986.98	1338	210536.58	9888798.23	1363	211011.46	9888594.19	1388	211459.61	9888372.83
	1314	210097.98	9888975.95	1339	210556.27	9888794.77	1364	211029.15	9888584.86	1389	211477.94	9888364.83
	1315	210114.66	9888964.92	1340	210575.93	9888791.09	1365	211046.85	9888575.54	1390	211496.31	9888356.92
	1316	210131.34	9888953.88	1341	210595.59	9888787.40	1366	211064.54	9888566.22	1391	211514.69	9888349.03
	1317	210148.02	9888942.85	1342	210614.95	9888782.38	1367	211082.24	9888556.90	1392	211533.07	9888341.13
	1318	210164.70	9888931.82	1343	210634.29	9888777.31	1368	211099.93	9888547.58	1393	211551.44	9888333.24
	1319	210181.41	9888920.82	1344	210653.44	9888771.60	1369	211117.63	9888538.25	1394	211569.82	9888325.35
	1320	210198.21	9888909.97	1345	210672.30	9888764.95	1370	211135.32	9888528.93	1395	211588.20	9888317.46
	1321	210215.01	9888899.12	1346	210691.16	9888758.29	1371	211153.04	9888519.66	1396	211606.58	9888309.57
	1322	210232.24	9888888.98	1347	210709.51	9888750.34	1372	211170.83	9888510.52	1397	211624.95	9888301.68
	1323	210249.65	9888879.14	1348	210727.75	9888742.15	1373	211188.62	9888501.37	1398	211643.33	9888293.79
	1324	210267.27	9888869.70	1349	210745.86	9888733.68	1374	211206.40	9888492.23	1399	211661.71	9888285.89
	1325	210285.43	9888861.33	1350	210763.64	9888724.51	1375	211224.19	9888483.09	1400	211680.06	9888277.94

Ntungamo - Mirama Hills(Kakitumba) Road Project

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	Coordinates			Coordinates			Coordinates			Coordinates	
Number	N(X)	E (Y)	Number	N (X)	E (Y)	Number	N(X)	E (Y)	Number	N(X)	E(Y)
1401	211698.35	9888269.85	1426	212082.17	9887955.13	1451	212524.90	9887736.16	1476	213016.54	9887672.31
1402	211716.64	9888261.77	1427	212097.04	9887941.76	1452	212544.31	9887731.34	1477	213036.32	9887675.28
1403	211734.53	9888252.83	1428	212112.35	9887928.90	1453	212563.72	9887726.52	1478	213055.91	9887679.27
1404	211752.32	9888243.69	1429	212127.94	9887916.37	1454	212583.13	9887721.70	1479	213075.45	9887683.55
1405	211752.52	9888234.19	1430	212143.63	9887903.97	1455	212602.54	9887716.88	1480	213094.89	9887688.22
1406	211786.87	9888223.61	1431	212143.03	9887892.32	1456	212621.95	9887712.06	1481	213114.13	9887693.67
1406		9888213.03	1431	212139.89	9887880.68	1457	212621.93	9887707.24	1482	213114.13	9887697.11
	211803.85				9887869.67				1483		
1408	211820.17	9888201.50	1433	212192.84		1458	212660.77	9887702.42		213123.31	9887706.65
1409	211836.20	9888189.54	1434	212209.72	9887858.95	1459	212680.18	9887697.60	1484	213139.71	9887712.37
1410	211852.11	9888177.43	1435	212226.74	9887848.44	1460	212699.59	9887692.78	1485	213158.59	9887718.96
1411	211867.11	9888164.20	1436	212244.19	9887838.68	1461	212719.05	9887688.13	1486	213177.26	9887726.11
1412	211882.10	9888150.97	1437	212261.64	9887828.91	1462	212738.50	9887683.49	1487	213195.66	9887733.95
1413	211896.69	9888137.30	1438	212279.49	9887819.90	1463	212758.06	9887679.32	1488	213214.04	9887741.82
1414	211910.97	9888123.29	1439	212297.46	9887811.11	1464	212777.72	9887675.66	1489	213231.90	9887750.83
1415	211925.24	9888109.28	1440	212315.57	9887802.65	1465	212797.38	9887672.03	1490	213249.76	9887759.84
1416	211939.42	9888095.17	1441	212334.00	9887794.88	1466	212817.25	9887669.69	1491	213267.42	9887769.21
1417	211953.59	9888081.06	1442	212352.43	9887787.11	1467	212837.11	9887667.34	1492	213283.93	9887792.80
1418	211967.76	9888066.94	1443	212371.20	9887780.22	1468	212857.04	9887665.76	1493	213302.49	9887788.45
1419	211990.21	9888052.83	1444	212390.03	9887773.48	1469	212877.01	9887664.75	1494	213320.00	9887798.10
1420	211996.10	9888038.72	1445	212409.00	9887767.16	1470	212896.99	9887663.90	1495	213337.52	9887807.76
1421	212010.28	9888024.61	1446	212428.17	9887761.47	1471	212916.98	9887664.21	1496	213355.03	9887817.42
1422	212024.45	9888010.50	1447	212447.35	9887755.78	1472	212936.98	9887664.53	1497	213372.54	9887827.08
1423	212038.68	9887996.45	1448	212466.72	9887750.80	1473	212956.94	9887665.74	1498	213390.06	9887836.74
1424	212052.97	9887982.46	1449	212486.10	9887745.87	1474	212976.87	9887667.39	1499	213407.57	9887846.40
1425	212067.30	9887968.50	1450	212505.49	9887740.98	1475	212996.76	9887669.34	1500	213425.07	9887856.08

Ntungamo - Mirama Hills(Kakitumba) Road Project

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	Coor	dinates		Coord	linates	Number	Coordinates			Coordinates	
Number	N(X)	E(Y)	Number	N(X)	E (Y)		N(X)	E(Y)	Number	N(X)	E(Y)
1501	213442.49	9887865.91	1526	213718.56	9887828.50	1551	213499.08	9887405.07	1576	213601.58	9886931.25
1502	213459.79	9887875.93	1527	213712.17	9887809.67	1552	213495.39	9887385.41	1577	213612.90	9886914.76
1503	213476.46	9887886.97	1528	213704.08	9887791.38	1553	213491.70	9887365.75	1578	213624.27	9886898.30
1504	213493.14	9887898.01	1529	213693.92	9887774.19	1554	213489.35	9887345.90	1579	213635.63	9886881.85
1505	213508.66	9887910.59	1530	213683.29	9887757.25	1555	213487.31	9887326.01	1580	213647.00	9886865.39
1506	213523.89	9887923.56	1531	213672.47	9887740.43	1556	213485.96	9887306.07	1581	213658.37	9886848.94
1507	213538.67	9887937.01	1532	213661.64	9887723.61	1557	213485.59	9887286.07	1582	213669.73	9886832.48
1508	213552.90	9887951.07	1533	213650.82	9887706.79	1558	213485.25	9887266.08	1583	213681.10	9886816.02
1509	213567.12	9887965.13	1534	213639.99	9887689.98	1559	213486.54	9887246.12	1584	213692.47	9886799.57
1510	213581.18	9887979.36	1535	213629.17	9887673.16	1560	213487.83	9887226.16	1585	213703.83	9886783.11
1511	213595.23	9887993.59	1536	213629.17	9887673.16	1561	213490.16	9887206.31	1586	213715.20	9886766.66
1512	213609.28	9888007.82	1537	213618.34	9887656.34	1562	213493.10	9887186.53	1587	213726.57	9886750.20
1513	213623.33	9888022.06	1538	213607.51	9887639.53	1563	213496.43	9887166.82	1588	213737.93	9886733.74
1514	213629.12	9888027.93	1539	213596.71	9887622.69	1564	213501.01	9887147.35	1589	213749.30	9886717.29
1515	213637.37	9888019.57	1540	213585.98	9887605.82	1565	213505.59	9887127.89	1590	213760.67	9886700.83
1516	213651.41	9888005.33	1541	213575.25	9887588.94	1566	213511.51	9887108.79	1591	213772.03	9886684.38
1517	213665.46	9887991.09	1542	213565.19	9887571.66	1567	213517.70	9887089.78	1592	213783.48	9886667.98
1518	213678.33	9887975.79	1543	213555.29	9887554.28	1568	213524.58	9887071.01	1593	213795.16	9886651.74
1519	213691.13	9887960.42	1544	213545.97	9887536.60	1569	213532.33	9887052.58	1594	213806.85	9886635.51
1520	213703.11	9887944.58	1545	213537.54	9887518.47	1570	213540.15	9887034.17	1595	213818.53	9886619.28
1521	213709.93	9887925.78	1546	213529.10	9887500.34	1571	213549.41	9887016.44	1596	213830.21	9886603.04
1522	213716.75	9887906.98	1547	213522.20	9887481.56	1572	213558.66	9886998.71	1597	213841.89	9886586.81
1523	213722.53	9887887.97	1548	213515.30	9887462.79	1573	213568.82	9886981.50	1598	213853.58	9886570.58
1524	213723.33	9887867.99	1549	213509.36	9887443.71	1574	213579.47	9886964.57	1599	213865.26	9886554.34
1525	213722.35	9887848.14	1550	213504.05	9887424.43	1575	213590.27	9886947.74	1600	213876.94	9886538.11

Ntungamo - Mirama Hills(Kakitumba) Road Project

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										1 age 17	
Number	Coord	dinates	Number	Coor	linates	Number	Coord	linates	Number	Coore	dinates
Number	N(X)	E(Y)	Number	N(X)	E (Y)	Number	N(X)	E (Y)	Number	N(X)	E(Y)
1601	213888.62	9886521.88	1626	214178.50	9886152.57	1651	214527.06	9885794.19	1676	214880.35	9885440.37
1602	213902.57	9886502.50	1627	214191.91	9886137.73	1652	214541.19	9885780.03	1677	214894.48	9885426.22
1603	213894.58	9886496.49	1628	214205.32	9886122.89	1653	214555.32	9885765.88	1678	214908.61	9885412.06
1604	213898.31	9886491.63	1629	214218.84	9886108.15	1654	214569.45	9885751.73	1679	214922.74	9885397.91
1605	213910.49	9886475.77	1630	214232.54	9886093.58	1655	214583.58	9885737.58	1680	214936.87	9885383.76
1606	213922.67	9886459.91	1631	214246.24	9886079.02	1656	214597.72	9885723.42	1681	214951.00	9885369.60
1607	213934.86	9886444.04	1632	214259.95	9886064.45	1657	214611.85	9885709.27	1682	214965.13	9885355.45
1608	213947.04	9886428.18	1633	214273.65	9886049.88	1658	214625.98	9885695.12	1683	214979.27	9885341.30
1609	213959.32	9886412.40	1634	214287.47	9886035.42	1659	214640.11	9885680.97	1684	214993.40	9885327.15
1610	213971.81	9886396.78	1635	214301.46	9886021.13	1660	214654.24	9885666.81	1685	215007.53	9885312.99
1611	213984.31	9886381.16	1636	214315.45	9886006.84	1661	214668.37	9885652.66	1686	215021.66	9885298.84
1612	213996.80	9886365.54	1637	214329.44	9885992.55	1662	214682.50	9885638.51	1687	215049.92	9885270.53
1613	214009.29	9886349.93	1638	214343.43	9885978.26	1663	214696.64	9885624.35	1688	215064.05	9885256.38
1614	214021.89	9886334.40	1639	214357.48	9885964.02	1664	214710.77	9885610.20	1689	215078.19	9885242.23
1615	214034.70	9886319.03	1640	214371.61	9885949.87	1665	214724.90	9885596.05	1690	215092.32	9885228.08
1616	214047.50	9886303.67	1641	214385.74	9885935.72	1666	214739.03	9885581.90	1691	215106.45	9885213.92
1617	214060.31	9886288.30	1642	214399.87	9885921.56	1667	214753.16	9885567.74	1692	215120.50	9885199.69
1618	214073.11	9886272.94	1643	214414.01	9885907.41	1668	214767.29	9885553.59	1693	215134.45	9885185.36
1619	214086.02	9886257.67	1644	214428.14	9885893.26	1669	214781.42	9885539.44	1694	215148.39	9885171.02
1620	214099.13	9886242.56	1645	214442.27	9885879.10	1670	214795.56	9885525.28	1695	215161.56	9885155.98
1621	214112.24	9886227.46	1646	214456.40	9885864.95	1671	214809.69	9885511.13	1696	215174.64	9885140.84
1622	214125.35	9886212.36	1647	214470.53	9885850.80	1672	214823.82	9885496.98	1697	215187.35	9885125.41
1623	214138.46	9886197.25	1648	214484.66	9885836.65	1673	214837.95	9885482.83	1698	215199.31	9885109.39
1624	214151.68	9886182.24	1649	214498.80	9885822.49	1674	214852.08	9885468.67	1699	215211.28	9885093.36
1625	214165.09	9886167.41	1650	214512.93	9885808.34	1675	214866.21	9885454.52	1700	215222.59	9885076.87

Ntungamo - Mirama Hills(Kakitumba) Road Project

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	Coord	linates		Coord	linates		Coord	linates		Coord	linates
Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)
1701	215233.72	9885060.25	1726	215575.73	9884734.10	1751	215981.44	9884477.59	1776	216415.89	9884303.60
1702	215244.81	9885043.61	1727	215592.63	9884723.41	1752	215998.34	9884466.90	1777	216435.13	9884298.17
1703	215255.82	9885026.91	1728	215609.54	9884712.73	1753	216015.25	9884456.22	1778	216454.38	9884292.74
1704	215266.82	9885010.21	1729	215626.44	9884702.04	1754			1779	216473.63	9884287.31
1705	215277.83	9884993.51	1730	215643.35	9884691.35	1755	216044.53	9884449.53	1780	216492.88	9884281.88
1706	215288.95	9884976.89	1731	215660.25	9884680.66	1756	216063.00	9884438.17	1781	216512.13	9884276.45
1707	215300.12	9884960.30	1732	215677.15	9884669.97	1757	216080.03	9884427.69	1782	216531.38	9884271.02
1708	215300.12	9884960.30	1733	215694.06	9884659.29	1758	216097.07	9884417.21	1783	216550.63	9884265.59
1709	215311.60	9884943.94	1734	215710.96	9884648.60	1759	216114.10	9884406.73	1784	216569.88	9884260.16
1710	215323.87	9884928.14	1735	215727.87	9884637.91	1760	216131.29	9884396.53	1785	216589.12	9884254.73
1711	215336.14	9884912.35	1736	215744.77	9884627.22	1761	216149.26	9884387.76	1786	216608.37	9884249.29
1712	215349.69	9884897.66	1737	215744.77	9884627.22	1762	216167.24	9884378.99	1787	216627.62	9884243.86
1713	215363.46	9884883.15	1738	215762.43	9884632.19	1763	216185.83	9884371.66	1788	216646.87	9884238.43
1714	215377.83	9884869.28	1739	215778.58	9884605.85	1764	216204.58	9884364.72	1789	216666.12	9884233.00
1715	215392.98	9884856.22	1740	215795.49	9884595.16	1765	216223.52	9884358.32	1790	216685.37	9884227.57
1716	215408.15	9884843.18	1741	215812.39	9884584.47	1766	216242.71	9884352.69	1791	216704.62	9884222.14
1717	215424.48	9884831.64	1742	215829.30	9884573.78	1767	216261.90	9884347.05	1792	216723.86	9884216.71
1718	215440.81	9884820.10	1743	215846.20	9884563.10	1768	216281.15	9884341.61	1793	216743.11	9884211.28
1719	215457.46	9884809.02	1744	215863.11	9884552.41	1769	216300.39	9884336.18	1794	216762.36	9884205.85
1720	215474.33	9884798.28	1745	215880.01	9884541.72	1770	216319.64	9884330.75	1795	216781.61	9884200.42
1721	215491.20	9884787.54	1746	215896.92	9884531.03	1771	216338.89	9884325.32	1796	216800.86	9884194.99
1722	215508.11	9884776.85	1747	215913.82	9884520.34	1772	216358.14	9884319.89	1797	216820.11	9884189.56
1723	215525.01	9884766.16	1748	215930.73	9884509.66	1773	216377.39	9884314.46	1798	216839.29	9884183.92
1724	215541.92	9884755.48	1749	215947.63	9884498.97	1774	216396.64	9884309.03	1799	216858.40	9884178.01
1725	215558.82	9884744.79	1750	215964.53	9884488.28	1775	216396.64	9884309.03	1800	216877.51	9884172.11

	Coord	linates		Coord	linates		Coord	linates		Coord	inates
Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)
1801	216895.81	9884164.10									
1802	216913.98	9884155.73									
1803	216931.99	9884147.07									
1804	216949.19	9884136.86									
1805	216966.39	9884126.66									
1806	216983.72	9884116.67									
1807	217001.13	9884106.83									
1808	217018.75	9884097.42									
1809	217037.12	9884089.50									
1810	217056.05	9884083.09									
1811	217075.19	9884077.31									
1812	217094.54	9884072.23									
1813	217113.90	9884067.21									
1814	217132.92	9884061.14									
1815	217150.12	9884051.02									
1816	217164.48	9884037.17									
1817	217175.22	9884020.35									
1818	217181.74	9884001.49									
1819	217183.69	9883981.63									
1820	217180.95	9883961.87									
1821	217173.68	9883943.28									
1822	217162.86	9883926.48									
1823	217145.19	9883900.38									
					·						

	Coord	linates		Coord	linates		Coord	linates		Coord	linates
Number	N(X)	E (Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)
1	9903508.29	195718.35	26	9903222.18	195984.46	51	9902752.54	196139.85	76	9902369.25	196449.48
2	9903499.94	195736.52	27	9903203.58	195991.80	52	9902735.34	196150.04	77	9902359.82	196467.08
3	9903491.59	195754.70	28	9903184.97	195999.13	53	9902718.13	196160.24	78	9902351.23	196485.15
4	9903483.24	195772.87	29	9903165.97	196005.22	54	9902700.92	196170.43	79	9902342.64	196503.21
5	9903474.89	195791.05	30	9903146.50	196009.76	55	9902683.71	196180.62	80	9902335.71	196521.96
6	9903466.55	195809.22	31	9903127.02	196014.30	56	9902666.50	196190.81	81	9902322.74	196559.77
7	9903466.55	195809.22	32	9903107.54	196018.84	57	9902649.29	196201.00	82	9902317.90	196579.18
8	9903457.99	195827.30	33	9903088.06	196023.38	58	9902632.09	196211.20	83	9902313.05	196598.58
9	9903449.23	195845.28	34	9903068.50	196027.42	59	9902614.88	196221.39	84	9902308.98	196618.16
10	9903439.49	195862.71	35	9903048.64	196029.80	60	9902597.67	196231.58	85	9902305.33	196637.82
11	9903430.49	195877.20	36	9903028.78	196032.19	61	9902580.57	196241.94	86	9902301.69	196657.49
12	9903422.38	195871.35	37	9903008.96	196034.87	62	9902563.94	196253.05	87	9902298.15	196677.17
13	9903413.56	195880.82	38	9902989.16	196037.68	63	9902547.31	196264.16	88	9902294.61	196696.85
14	9903399.92	195895.46	39	9902969.41	196040.74	64	9902530.67	196275.27	89	9902291.07	196716.54
15	9903392.64	195903.28	40	9902949.97	196045.45	65	9902514.04	196286.37	90	9902287.53	196736.22
16	9903384.82	195908.34	41	9902930.53	196050.15	66	9902497.43	196297.51	91	9902283.99	196755.91
17	9903368.03	195919.20	42	9902911.49	196056.11	67	9902482.49	196310.81	92	9902280.46	196775.59
18	9903349.64	195950.77	43	9902892.90	196063.50	68	9902467.55	196324.10	93	9902276.92	196795.28
19	9903350.87	195929.39	44	9902874.32	196070.89	69	9902453.15	196337.95	94	9902273.38	196814.96
20	9903332.64	195937.62	45	9902856.62	196080.14	70	9902439.61	196352.67	95	9902269.84	196834.64
21	9903314.41	195945.85	46	9902839.16	196089.90	71	9902426.07	196367.39	96	9902266.30	196854.33
22	9903296.07	195953.83	47	9902821.71	196099.66	72	9902413.71	196383.09	97	9902262.76	196874.01
23	9903277.71	195961.76	48	9902804.25	196109.41	73	9902401.71	196399.09	98	9902259.22	196893.70
24	9903259.35	195969.68	49	9902786.96	196119.47	74	9902389.94	196415.24	99	9902248.61	196952.75
25	9903240.79	195977.12	50	9902769.75	196129.66	75	9902379.60	196432.36	100	9902245.07	196972.44

Consultant: Checked by:

Approved by:

Contractor: Designed by:

Checked by:

Ntungamo - Mirama Hills(Kakitumba) Road Project

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	Coord	linates		Coord	linates		Coord	linates		Coord	dinates
Number	N(X)	E(Y)	Number	N(X)	E (Y)	Number	N(X)	E (Y)	Number	N(X)	E(Y)
101	9902241.53	196992.12	126	9902122.44	197474.05	151	9901712.63	197744.68	176	9901546.71	198192.26
102	9902237.99	197011.80	127	9902110.13	197489.76	152	9901700.22	197760.33	177	9901540.84	198211.38
103	9902234.45	197031.49	128	9902097.14	197504.97	153	9901689.64	197777.30	178	9901534.97	198230.50
104	9902230.91	197051.17	129	9902083.37	197519.40	154	9901679.06	197794.27	179	9901529.10	198249.62
105	9902227.37	197070.86	130	9902068.34	197532.60	155	9901679.06	197794.27	180	9901523.23	198268.74
106	9902223.83	197090.54	131	9902053.21	197545.66	156	9901669.81	197811.95	181	9901517.36	198287.86
107	9902220.30	197110.23	132	9902036.46	197556.58	157	9901661.73	197830.24	182	9901511.49	198306.98
108	9902216.76	197129.91	133	9902019.70	197567.51	158	9901653.64	197848.54	183	9901505.62	198326.10
109	9902213.22	197149.60	134	9902001.94	197576.61	159	9901647.20	197867.46	184	9901499.75	198345.22
110	9902209.68	197169.28	135	9901983.82	197585.09	160	9901641.01	197886.48	185	9901493.88	198364.34
111	9902206.14	197188.96	136	9901965.43	197592.89	161	9901634.81	197905.49	186	9901488.01	198383.46
112	9902202.60	197208.65	137	9901946.62	197599.69	162	9901628.88	197924.59	187	9901482.14	198402.58
113	9902199.06	197228.33	138	9901927.81	197606.49	163	9901623.01	197943.71	188	9901476.28	198421.69
114	9902195.52	197248.02	139	9901909.02	197613.33	164	9901617.14	197962.83	189	9901470.41	198440.81
115	9902191.99	197267.70	140	9901890.24	197620.22	165	9901611.27	197981.95	190	9901464.54	198459.93
116	9902188.45	197287.39	141	9901871.47	197627.11	166	9901605.40	198001.07	191	9901458.67	198479.05
117	9902184.87	197307.06	142	9901853.34	197635.54	167	9901599.53	198020.19	192	9901452.80	198498.17
118	9902181.05	197326.70	143	9901835.28	197644.14	168	9901593.66	198039.31	193	9901446.93	198517.29
119	9902177.24	197346.33	144	9901817.55	197653.32	169	9901587.79	198058.43	194	9901441.06	198536.41
120	9902172.24	197365.68	145	9901800.88	197664.36	170	9901581.92	198077.55	195	9901435.19	198555.53
121	9902166.69	197384.89	146	9901784.20	197675.41	171	9901576.06	198096.67	196	9901429.32	198574.65
122	9902160.24	197403.78	147	9901768.51	197687.72	172	9901570.19	198115.79	197	9901423.45	198593.77
123	9902152.07	197422.03	148	9901753.57	197701.02	173	9901564.32	198134.90	198	9901417.58	198612.89
124	9902143.83	197440.25	149	9901738.64	197714.33	174	9901558.45	198154.02	199	9901411.71	198632.01
125	9902133.13	197457.15	150	9901725.52	197729.39	175	9901552.58	198173.14	200	9901405.84	198651.13

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No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   No.   Political   Poli		Coor	linatae		Coor	linatae		Coor	lingtee		Coor	linates
201   9901399.97   19870.25   226   9901093.6   19904.13   251   990062.76   19904.58   276.000   9900123.0   199053.89	Number			Number		ı	Number		ı	Number		1
202   990194.10   19669.37   227   990160.32   199046.27   252   9900602.77   199045.77   277.000   9900103.08   199055.56		N(X)	E(Y)		N(X)	E (Y)		N(X)	E (Y)		N(X)	E (Y)
203   99038823   198708-90   228   9901061.44   199051.05   253   990382.78   199045.28   278.000   9900083.13   199056.83	201	9901399.97	198670.25	226	9901099.86	199040.13	251	9900622.76	199046.28	276.000	9900123.02	199053.89
204   990182-32   198727-59   229   9901041.80   199054.33   254   9900562.78   199044.79   279.000   9900063.19   199058.30	202	9901394.10	198689.37	227	9901080.82	199046.27	252	9900602.77	199045.77	277.000	9900103.08	199055.36
205   9901376.29   198746.66   230   9901022.16   199058.61   255   9900542.79   199044.30   280.000   9900043.24   199059.71	203	9901388.23	198708.49	228	9901061.44	199051.05	253	9900582.78	199045.28	278.000	9900083.13	199056.83
206         9901370.26         198765.73         231         9901022.16         199058.61         256         9900522.79         199043.81         281.00         990023.31         199061.66           207         9901363.19         198784.43         232         9901002.29         199060.58         257         9900502.80         199043.69         282.00         9900003.39         19906.23           208         9901353.93         198803.07         233         9900982.33         19906.194         258         990042.80         199043.60         283.00         989983.48         19906.510           209         9901347.74         198821.28         234         990062.37         19906.14         259         990042.80         199043.43         285         9899943.66         199068.9           210         9901383.0         198839.02         235         9900422.80         199042.80         199043.43         285         989943.66         199068.83           211         9901329.05         198856.64         236         9900042.80         199043.43         286         989923.76         199068.83           212         990137.05         198856.64         236         990082.24         199043.42         286         990442.80         199043.34	204	9901382.32	198727.59	229	9901041.80	199054.83	254	9900562.78	199044.79	279.000	9900063.19	199058.30
207         9901361.90         198784.43         232         9901002.29         19906.98         257         9900502.80         199043.69         282.000         9900003.39         19906.23           208         9901355.93         198803.07         233         9906982.33         19906.194         258         9900482.80         199043.60         283.000         9899983.48         19906.10           209         9901347.74         198821.28         224         9900962.37         19906.11         259         990042.80         199043.51         284.000         9899943.66         19906.96           210         990138.50         198839.02         235         9900942.38         199061.44         260         990442.80         199043.43         285         989943.66         199068.83           211         990139.05         198856.64         236         9900922.39         199061.17         261         990422.80         199043.43         286         989992.76         199070.82           212         9901317.90         198873.23         237         9900802.43         19905.92         263         990032.80         199043.61         287         989990.89         19907.31           213         9901206.74         1988988.3         238	205	9901376.29	198746.66	230	9901022.16	199058.61	255	9900542.79	199044.30	280.000	9900043.24	199059.77
208         990135.93         19803.07         233         990982.33         199061.94         258         990482.80         19943.60         283.000         989983.48         199065.10           209         990134.74         198821.28         234         990962.37         19906.21         239         990462.80         19943.51         284.000         9899983.76         19906.96           210         990138.50         198830.02         235         990942.28         19906.11         260         99042.20         199043.31         285         9899943.66         199068.83           211         990137.90         198876.64         236         990922.39         19906.17         261         990422.80         199043.34         286         989923.76         1990708.2           212         9901317.90         198873.23         237         9909082.43         19905.94         263         990382.80         199043.61         287         989990.89         199073.13           213         990190.47         198905.61         239         990882.43         19905.42         263         990382.80         19904.99         288         989984.02         199077.73           215         9901281.82         198905.61         239         990082.24 </td <td>206</td> <td>9901370.26</td> <td>198765.73</td> <td>231</td> <td>9901022.16</td> <td>199058.61</td> <td>256</td> <td>9900522.79</td> <td>199043.81</td> <td>281.000</td> <td>9900023.31</td> <td>199061.36</td>	206	9901370.26	198765.73	231	9901022.16	199058.61	256	9900522.79	199043.81	281.000	9900023.31	199061.36
209         990147.74         198821.28         234         9900962.37         199062.51         259         9900462.80         199043.51         284.000         989963.37         199068.6           210         990133.8.50         19883902         235         9900942.38         199061.84         260         990042.80         199043.43         285         989993.66         199068.83           211         990132.905         198856.64         236         990092.39         199061.17         261         990422.80         199043.34         286         9899923.76         199070.82           212         9901317.90         198873.23         237         9900902.40         199069.50         262         990402.80         199043.61         287         989990.89         199073.13           213         990136.74         198893.3         238         990882.43         19905.42         263         990382.80         199043.92         288         989984.02         199075.43           214         9901294.47         198905.61         239         990682.46         19905.83         264         990032.80         199044.23         289         989984.15         199077.73           215         9901281.82         198921.10         240         990	207	9901363.19	198784.43	232	9901002.29	199060.58	257	9900502.80	199043.69	282.000	9900003.39	199063.23
210         9901338.50         198839.02         235         9900942.88         199061.84         260         990042.80         199043.43         285         989943.66         199068.83           211         9901329.05         198856.64         236         9900922.39         199061.17         261         990422.80         199043.34         286         989923.76         199070.82           212         9901317.90         198873.23         237         9900902.40         199060.50         262         990402.80         199043.61         287         9899903.89         199073.13           213         990130.674         198889.83         238         990882.43         199059.42         263         990382.80         199043.92         288         989984.02         199075.43           214         9901294.47         198905.61         239         990882.44         199058.34         264         990362.80         199044.23         289         98984.02         199077.73           215         9901281.82         198921.10         240         990882.25         199057.25         265         990342.81         199044.55         290         989984.42         199080.04           216         9901281.82         198995.79         241         990	208	9901355.93	198803.07	233	9900982.33	199061.94	258	9900482.80	199043.60	283.000	9899983.48	199065.10
211         9901329.05         198856.64         236         9900922.39         199061.17         261         990422.80         199043.34         286         9899923.76         199078.2           212         9901317.90         198873.23         237         9900902.40         199060.50         262         9900402.80         199043.61         287         9899903.89         199073.13           213         990130.67.4         198889.83         238         9900882.43         199059.42         263         990382.80         199043.92         288         989984.02         199075.43           214         9901294.47         198905.61         239         9900862.46         199058.34         264         9900362.80         199044.23         289         989984.12         199077.73           215         990128.82         198921.10         240         990082.52         199057.25         265         990342.81         199044.55         290         989944.29         199080.04           216         990126.83.2         19893.579         241         990082.52         19905.16         266         990322.81         199044.86         291         989984.42         19908.24           217         9901272.85         19886.73         243         9	209	9901347.74	198821.28	234	9900962.37	199062.51	259	9900462.80	199043.51	284.000	9899963.57	199066.96
212 9901317.90 198873.23 237 9900902.40 199060.50 262 9900402.80 199043.61 287 9899903.89 199073.13 213 9901306.74 198889.83 238 9900882.43 199059.42 263 9900382.80 199043.92 288 989984.02 199075.43 214 9901294.47 198905.61 239 9900862.46 199058.34 264 9900362.80 199044.23 289 9899864.15 199077.73 215 9901281.82 198921.10 240 9900842.49 199057.25 265 9900342.81 199044.55 290 9899864.12 199080.04 216 9901268.32 198935.79 241 9900822.52 199056.16 266 9900322.81 199044.86 291 9899824.42 199082.34 217 9901253.55 198949.27 242 9900802.55 199055.07 267 9900302.82 199045.52 292 9899804.56 199084.70 218 9901288.76 198962.73 243 9900782.58 199053.98 268 9900282.83 199046.23 293 9899784.72 199087.21 219 9901222.79 198974.77 244 9900762.61 199052.90 269 9900262.84 199046.94 294 9899764.88 199089.72 220 9901206.82 198986.80 245 9900742.64 199051.81 270 9900242.86 199047.65 295 9899745.03 199097.22 220 9901702.82 199007.82 246 990072.67 19905.72 271 990022.87 199048.36 296 9899725.19 199097.25 222 9901702.82 199007.82 247 9900702.69 199049.83 272 9900202.90 199049.39 297 9899705.35 199097.25 223 9901172.82 199007.82 247 9900702.69 199048.94 273 9900202.90 199049.39 297 9899705.35 199097.25 224 9901155.31 199017.42 248 9900682.71 199048.94 273 9900182.93 199050.49 298 989968.561 199097.25 224 9901155.31 199017.42 248 9900682.71 199048.94 273 9900182.93 199050.49 298 989968.561 199097.25	210	9901338.50	198839.02	235	9900942.38	199061.84	260	9900442.80	199043.43	285	9899943.66	199068.83
213 9901306.74 19889.83 238 990882.43 199059.42 263 9900382.80 199043.92 288 989984.02 199075.43  214 9901294.47 198905.61 239 990862.46 199058.34 264 9900362.80 19904.23 289 9899864.15 199077.73  215 9901281.82 198921.10 240 990882.49 199057.25 265 9900342.81 199044.55 290 989984.29 199080.04  216 9901268.32 198935.79 241 99082.52 199056.16 266 9900322.81 199044.86 291 9899824.42 199082.34  217 9901253.55 198949.27 242 990802.55 199055.07 267 9900302.82 199045.52 292 9899804.56 199084.70  218 9901288.76 198962.73 243 9900782.58 199053.98 268 9900282.83 199046.23 293 9899784.72 199087.21  219 99012279 198974.77 244 9900762.61 199052.90 269 9900262.84 199046.94 294 9899764.88 199089.72  220 9901206.82 198986.80 245 9900742.64 199051.81 270 9900242.86 199047.65 295 9899745.03 199092.23  221 9901172.82 199007.82 246 9900702.69 199049.83 272 9900202.90 199049.39 297 9899705.35 199097.25  223 9901172.82 199007.82 247 9900702.69 199049.83 272 9900202.90 199049.39 297 9899705.35 199097.25  223 9901172.82 199007.82 247 9900702.69 199049.83 272 9900202.90 199049.39 297 9899705.35 199097.25  224 9901137.07 199025.64 249 9900662.72 199048.05 274 9900162.96 199051.58 299 9899665.67 199102.27	211	9901329.05	198856.64	236	9900922.39	199061.17	261	9900422.80	199043.34	286	9899923.76	199070.82
214 9901294.47 198905.61 239 990862.46 199058.34 264 9900362.80 199044.23 289 9899864.15 199077.73  215 9901281.82 198921.10 240 990842.49 199057.25 265 9900342.81 199044.55 290 9899844.29 199080.04  216 9901268.32 198935.79 241 990822.52 199056.16 266 9900322.81 199044.86 291 9899824.42 199082.34  217 9901253.55 198949.27 242 990802.55 199055.07 267 9900302.82 199045.52 292 9899804.56 199084.70  218 9901238.76 198962.73 243 9900782.58 199053.98 268 9900282.83 199046.23 293 9899784.72 199087.21  219 9901222.79 198974.77 244 9900762.61 199052.90 269 9900262.84 199046.94 294 9899764.88 199089.72  220 9901206.82 198986.80 245 9900742.64 199051.81 270 9900242.86 199047.65 295 9899745.03 199092.23  221 9901190.03 198997.62 246 9900722.67 19905.72 271 9900222.87 199048.36 296 9899725.19 199094.74  222 9901172.82 199007.82 247 9900702.69 199049.83 272 9900202.90 199049.39 297 9899705.35 199097.25  223 9901155.31 199017.42 248 9900682.71 199048.94 273 9900182.93 19905.18 299 9899665.67 199102.27	212	9901317.90	198873.23	237	9900902.40	199060.50	262	9900402.80	199043.61	287	9899903.89	199073.13
215 9901281.82 198921.10 240 990842.49 199057.25 265 9900342.81 199044.55 290 9899844.29 199080.04 216 9901268.32 198935.79 241 9900822.52 199056.16 266 9900322.81 199044.66 291 9899824.42 199082.34 217 9901253.55 198949.27 242 9900802.55 199055.07 267 9900302.82 199045.52 292 9899804.56 199084.70 218 9901238.76 198962.73 243 9900782.58 199053.98 268 9900282.83 199046.23 293 9899784.72 199087.21 219 9901222.79 198974.77 244 9900762.61 199052.90 269 9900262.84 199046.94 294 9899764.88 199089.72 220 9901268.2 198986.80 245 9900742.64 199051.81 270 9900242.86 199047.65 295 9899745.03 199092.23 221 9901190.03 198997.62 246 9900722.67 199050.72 271 9900242.86 199048.36 296 9899725.19 199094.74 222 9901172.82 199007.82 247 9900702.69 199049.83 272 9900202.90 199049.39 297 9899705.35 199097.25 223 9901155.31 199017.42 248 9900682.71 199048.94 273 9900182.93 199050.49 298 9899685.51 199099.76 224 9901137.07 199025.64 249 9900682.72 199048.05 274 9900162.96 199051.58 299 9899665.67 199102.27	213	9901306.74	198889.83	238	9900882.43	199059.42	263	9900382.80	199043.92	288	9899884.02	199075.43
216 9901268.32 198935.79 241 990822.52 199056.16 266 9900322.81 199044.86 291 9899824.42 199082.34 217 9901253.55 198949.27 242 990802.55 199055.07 267 9900302.82 199045.52 292 9899804.56 199084.70 218 9901238.76 198962.73 243 9900782.58 199053.98 268 9900282.83 199046.23 293 9899784.72 199087.21 219 9901222.79 198974.77 244 9900762.61 199052.90 269 9900262.84 199046.94 294 9899764.88 199089.72 220 9901266.82 198986.80 245 9900742.64 199051.81 270 9900242.86 199047.65 295 9899745.03 199092.23 221 9901190.03 198997.62 246 9900722.67 199050.72 271 9900222.87 199048.36 296 9899725.19 199094.74 222 9901172.82 199078.22 247 9900702.69 199049.83 272 9900202.90 199049.39 297 9899705.35 199097.25 223 9901155.31 199017.42 248 9900682.71 199048.94 273 9900182.93 199050.49 298 9899685.51 199099.76 224 9901137.07 199025.64 249 9900682.72 199048.05 274 9900162.96 199051.58 299 9899665.67 199102.27	214	9901294.47	198905.61	239	9900862.46	199058.34	264	9900362.80	199044.23	289	9899864.15	199077.73
217         9901253.55         19849.27         242         990802.55         199055.07         267         9900302.82         199045.52         292         9899804.56         199084.70           218         9901238.76         198962.73         243         9900782.58         199053.98         268         9900282.83         199046.23         293         9899784.72         199087.21           219         9901222.79         198974.77         244         9900762.61         199052.90         269         990262.84         199046.94         294         9899764.88         199089.72           220         9901206.82         19898.80         245         9900742.64         199051.81         270         9900242.86         199047.65         295         9899745.03         199092.23           221         9901190.03         198997.62         246         9900722.67         199050.72         271         9900222.87         199048.36         296         9899725.19         199094.74           222         9901172.82         199007.82         247         990072.69         199049.83         272         9900202.90         19949.39         297         9899705.35         199097.25           223         9901155.31         199017.42         248	215	9901281.82	198921.10	240	9900842.49	199057.25	265	9900342.81	199044.55	290	9899844.29	199080.04
218       9901238.76       198962.73       243       9900782.58       199053.98       268       9900282.83       199046.23       293       989784.72       199087.21         219       9901222.79       198974.77       244       9900762.61       199052.90       269       9900262.84       199046.94       294       9899764.88       199087.22         220       9901206.82       198986.80       245       9900742.64       199051.81       270       9900242.86       199047.65       295       9899745.03       199092.23         221       9901190.03       198997.62       246       9900722.67       199050.72       271       9900222.87       199048.36       296       9899725.19       199094.74         222       9901172.82       199007.82       247       9900702.69       199049.33       272       9900202.90       199049.39       297       9899705.35       199097.25         223       9901155.31       199017.42       248       9900682.71       199048.94       273       9900182.93       19950.49       298       989685.51       199099.76         224       9901137.07       199025.64       249       9900662.72       199048.05       274       9900162.96       199051.58       299	216	9901268.32	198935.79	241	9900822.52	199056.16	266	9900322.81	199044.86	291	9899824.42	199082.34
219       9901222.79       198974.77       244       9900762.61       199052.90       269       9900262.84       19904.94       294       9899764.88       199089.72         220       9901206.82       19896.80       245       9900742.64       199051.81       270       9900242.86       199047.65       295       9899745.03       199092.23         221       9901190.03       198997.62       246       9900722.67       199050.72       271       9900222.87       199048.36       296       9899725.19       199094.74         222       9901172.82       199007.82       247       9900702.69       199049.83       272       9900202.90       199049.39       297       9899705.35       199097.25         223       9901155.31       199017.42       248       9900682.71       199048.94       273       990182.93       19950.49       298       989685.51       199099.76         224       9901137.07       199025.64       249       9900662.72       199048.05       274       9900162.96       199051.58       299       9899665.67       199102.27	217	9901253.55	198949.27	242	9900802.55	199055.07	267	9900302.82	199045.52	292	9899804.56	199084.70
220     9901206.82     19896.80     245     9900742.64     199051.81     270     9900242.86     199047.65     295     989745.03     199092.23       221     9901190.03     19897.62     246     9900722.67     199050.72     271     9900222.87     199048.36     296     989725.19     199094.74       222     9901172.82     199007.82     247     9900702.69     199049.83     272     9900202.90     199049.39     297     989705.35     199097.25       223     9901155.31     199017.42     248     9900682.71     199048.94     273     9900182.93     19905.49     298     9899685.51     199099.76       224     9901137.07     199025.64     249     9900662.72     199048.05     274     9900162.96     199051.58     299     9899665.67     199102.27	218	9901238.76	198962.73	243	9900782.58	199053.98	268	9900282.83	199046.23	293	9899784.72	199087.21
221     9901190.03     19897.62     246     9900722.67     199050.72     271     9900222.87     199048.36     296     989725.19     199094.74       222     9901172.82     199007.82     247     9900702.69     199049.83     272     9900202.90     199049.39     297     9899705.35     199097.25       223     9901155.31     199017.42     248     9900682.71     199048.94     273     9900182.93     199050.49     298     9899685.51     199099.76       224     9901137.07     199025.64     249     990062.72     199048.05     274     9900162.96     199051.58     299     9899665.67     199102.27	219	9901222.79	198974.77	244	9900762.61	199052.90	269	9900262.84	199046.94	294	9899764.88	199089.72
222     9901172.82     199007.82     247     9900702.69     199049.83     272     9900202.90     199049.39     297     9899705.35     199097.25       223     9901155.31     199017.42     248     9900682.71     199048.94     273     9900182.93     199050.49     298     9899685.51     199099.76       224     9901137.07     199025.64     249     990062.72     199048.05     274     9900162.96     199051.58     299     9899665.67     199102.27	220	9901206.82	198986.80	245	9900742.64	199051.81	270	9900242.86	199047.65	295	9899745.03	199092.23
223     9901155.31     199017.42     248     9900682.71     199048.94     273     9900182.93     199050.49     298     9899685.51     199099.76       224     9901137.07     199025.64     249     9900662.72     199048.05     274     9900162.96     199051.58     299     9899665.67     199102.27	221	9901190.03	198997.62	246	9900722.67	199050.72	271	9900222.87	199048.36	296	9899725.19	199094.74
224 9901137.07 199025.64 249 9900662.72 199048.05 274 9900162.96 199051.58 299 9899665.67 199102.27	222	9901172.82	199007.82	247	9900702.69	199049.83	272	9900202.90	199049.39	297	9899705.35	199097.25
	223	9901155.31	199017.42	248	9900682.71	199048.94	273	9900182.93	199050.49	298	9899685.51	199099.76
225 9901118.84 199033.85 250 9900642.74 199047.17 275 9900142.99 199052.67 300 9899645.83 199104.78	224	9901137.07	199025.64	249	9900662.72	199048.05	274	9900162.96	199051.58	299	9899665.67	199102.27
	225	9901118.84	199033.85	250	9900642.74	199047.17	275	9900142.99	199052.67	300	9899645.83	199104.78

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Number	Coord	inates	Number	Coord	linates	Number	Coord	inates	Number	Coord	linates
	N(X)	E(Y)		N(X)	E(Y)		N(X)	E(Y)		N(X)	E(Y)
301	9899625.98	199107.29	326	9899129.94	199170.03	351	9898695.550	199200.138	376	9898198.46	199167.68
302	9899606.14	199109.80	327	9899110.09	199172.54	352	9898675.831	199196.796	377	9898178.55	199169.52
303	9899586.30	199112.30	328	9899090.25	199175.05	353	9898656.126	199193.374	378	9898158.63	199171.36
304	9899566.46	199114.81	329	9899070.41	199177.56	354	9898636.436	199189.870	379	9898138.72	199173.19
305	9899546.62	199117.32	330	9899050.57	199180.07	355	9898616.745	199186.365	380	9898118.80	199175.03
306	9899526.77	199119.83	331	9899030.73	199182.57	356	9898597.014	199183.095	381	9898098.92	199177.18
307	9899506.93	199122.34	332	9899005.86	199185.72	357	9898577.283	199179.827	382	9898079.06	199179.52
308	9899487.09	199124.85	333	9899007.11	199195.64	358	9898557.509	199176.844	383	9898059.19	199181.85
309	9899467.25	199127.36	334	9899002.21	199196.26	359	9898537.685	199174.201	384	9898039.33	199184.18
310	9899447.41	199129.87	335	9898982.37	199198.77	360	9898517.860	199171.557	385	9898019.47	199186.52
311	9899427.56	199132.38	336	9898962.53	199201.28	361	9898497.966	199169.517	386	9897999.66	199189.25
312	9899407.72	199134.89	337	9898942.69	199203.79	362	9898478.064	199167.534	387	9897979.88	199192.24
313	9899387.88	199137.40	338	9898922.84	199206.30	363	9898458.142	199165.799	388	9897960.11	199195.24
314	9899368.04	199139.91	339	9898903.00	199208.81	364	9898438.186	199164.481	389	9897940.33	199198.23
315	9899348.20	199142.42	340	9898883.15	199211.28	365	9898418.229	199163.163	390	9897920.56	199201.23
316	9899328.35	199144.93	341	9898863.29	199213.61	366	9898398.245	199162.397	391	9897900.83	199204.50
317	9899308.51	199147.44	342	9898843.43	199215.94	367	9898378.256	199161.744	392	9897881.14	199207.99
318	9899288.67	199149.95	343	9898823.48	199217.29	368	9898358.264	199161.285	393	9897861.44	199211.48
319	9899268.83	199152.46	344	9898803.51	199218.35	369	9898338.264	199161.300	394	9897841.78	199215.11
320	9899248.99	199154.97	345	9898783.53	199218.74	370	9898318.264	199161.316	395	9897822.11	199218.74
321	9899229.15	199157.48	346	9898763.56	199217.82	371	9898298.272	199161.829	396	9897802.44	199222.36
322	9899209.30	199159.99	347	9898743.58	199216.90	372	9898278.284	199162.510	397	9897782.77	199225.99
323	9899189.46	199162.50	348	9898723.72	199214.56	373	9898258.302	199163.328	398	9897763.10	199229.62
324	9899169.62	199165.01	349	9898712.90	199213.22	374	9898238.348	199164.670	399	9897743.44	199233.26
325	9899149.78	199167.52	350	9898714.38	199203.33	375	9898218.393	199166.013	400	9897723.82	199237.18

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						Т			Т		
Number	Coord	linates	Number	Coord	linates	Number	Coord	linates	Number	Coord	linates
	N(X)	E(Y)		N(X)	E (Y)		N(X)	E(Y)		N(X)	E(Y)
401	9897704.21	199241.11	426	9897272.36	199365.24	451	9896818.41	199274.92	476	9896321.19	199298.88
402	9897684.60	199245.04	427	9897252.67	199368.74	452	9896798.68	199271.67	477	9896301.20	199298.41
403	9897664.99	199248.96	428	9897232.97	199372.17	453	9896778.94	199268.41	478	9896281.20	199297.94
404	9897645.38	199252.89	429	9897213.01	199373.46	454	9896759.21	199265.16	479	9896261.23	199296.91
405	9897625.91	199257.47	430	9897193.05	199374.75	455	9896739.32	199263.64	480	9896241.29	199295.45
406	9897606.44	199262.05	431	9897181.37	199346.34	456	9896719.32	199263.37	481	9896221.35	199293.85
407	9897586.98	199266.63	432	9897153.10	199373.73	457	9896699.33	199263.10	482	9896201.51	199291.39
408	9897567.51	199271.21	433	9897133.17	199372.36	458	9896679.41	199264.85	483	9896181.66	199288.93
409	9897548.04	199275.78	434	9897113.42	199369.22	459	9896659.49	199266.69	484	9896161.91	199285.80
410	9897548.04	199275.78	435	9897093.67	199366.08	460	9896639.58	199268.53	485	9896142.21	199282.36
411	9897528.73	199280.98	436	9897074.26	199361.31	461	9896619.66	199270.37	486	9896122.53	199278.77
412	9897509.42	199286.20	437	9897054.96	199356.09	462	9896599.79	199272.65	487	9896102.95	199274.72
413	9897490.11	199291.43	438	9897035.76	199350.51	463	9896579.93	199275.00	488	9896083.36	199270.67
414	9897470.81	199296.65	439	9897016.75	199344.27	464	9896560.07	199277.36	489	9896063.78	199266.62
415	9897451.50	199301.87	440	9896997.77	199337.99	465	9896540.21	199279.71	490	9896044.19	199262.57
416	9897432.38	199307.73	441	9896978.80	199331.64	466	9896520.35	199282.07	491	9896024.58	199258.64
417	9897413.27	199313.65	442	9896959.83	199325.30	467	9896500.49	199284.42	492	9896004.90	199255.08
418	9897394.17	199319.56	443	9896940.87	199318.95	468	9896480.63	199286.78	493	9895985.22	199251.52
419	9897375.06	199325.48	444	9896921.90	199312.60	469	9896460.76	199289.09	494	9895965.37	199249.29
420	9897355.96	199331.39	445	9896902.89	199306.39	470	9896440.89	199291.33	495	9895945.43	199247.68
421	9897336.85	199337.31	446	9896883.87	199300.20	471	9896421.01	199293.58	496	9895925.50	199246.15
422	9897325.22	199340.91	447	9896864.78	199294.24	472	9896401.08	199295.19	497	9895905.51	199246.95
423	9897328.22	199350.45	448	9896851.79	199290.51	473	9896381.14	199296.72	498	9895885.53	199247.76
424	9897311.06	199355.27	449	9896854.40	199280.85	474	9896361.18	199297.81	499	9895865.59	199249.17
425	9897291.81	199360.68	450	9896838.15	199278.17	475	9896341.18	199298.35	500	9895845.73	199251.47

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Number	Coord	linates	Number	Coord	linates	Number	Coord	linates	Number	Coord	linates
	N(X)	E(Y)		N(X)	E (Y)		N(X)	E(Y)		N(X)	E(Y)
501	9895825.86	199253.78	526	9895363.61	199292.73	551	9894990.37	199033.57	576	9894552.07	198793.07
502	9895805.99	199256.09	527	9895366.30	199283.10	552	9894973.39	199023.01	577	9894534.49	198783.54
503	9895786.13	199258.40	528	9895353.89	199278.47	553	9894956.16	199012.86	578	9894516.90	198774.01
504	9895766.26	199260.71	529	9895335.16	199271.47	554	9894938.68	199003.14	579	9894499.32	198764.48
505	9895753.57	199262.18	530	9895316.42	199264.47	555	9894921.21	198993.42	580	9894481.74	198754.95
506	9895754.75	199272.11	531	9895298.73	199255.20	556	9894903.73	198983.70	581	9894464.15	198745.42
507	9895737.65	199274.15	532	9895281.21	199245.56	557	9894886.15	198974.16	582	9894446.57	198735.89
508	9895717.79	199276.53	533	9895264.90	199233.98	558	9894868.57	198964.63	583	9894428.99	198726.36
509	9895697.93	199278.90	534	9895248.59	199222.40	559	9894850.98	198955.10	584	9894411.41	198716.83
510	9895678.07	199281.28	535	9895232.28	199210.82	560	9894833.40	198945.57	585	9894393.82	198707.30
511	9895658.21	199283.65	536	9895232.28	199210.82	561	9894815.82	198936.03	586	9894376.24	198697.77
512	9895638.35	199286.02	537	9895216.20	199198.93	562	9894798.23	198926.50	587	9894358.66	198688.24
513	9895618.49	199288.40	538	9895200.25	199186.87	563	9894780.65	198916.97	588	9894341.07	198678.71
514	9895598.64	199290.77	539	9895184.30	199174.80	564	9894763.07	198907.44	589	9894323.49	198669.17
515	9895578.78	199293.15	540	9895168.35	199162.74	565	9894745.48	198897.91	590	9894305.91	198659.64
516	9895558.92	199295.52	541	9895152.40	199150.67	566	9894727.90	198888.38	591	9894288.32	198650.11
517	9895539.06	199297.89	542	9895136.45	199138.61	567	9894710.32	198878.85	592	9894270.74	198640.58
518	9895519.19	199300.12	543	9895120.50	199126.54	568	9894692.73	198869.32	593	9894253.16	198631.05
519	9895499.28	199302.07	544	9895104.55	199114.48	569	9894675.15	198859.79	594	9894235.57	198621.52
520	9895479.38	199304.03	545	9895088.59	199102.42	570	9894657.57	198850.26	595	9894217.99	198611.99
521	9895459.39	199304.19	546	9895072.57	199090.45	571	9894639.99	198840.73	596	9894200.41	198602.46
522	9895439.39	199304.16	547	9895056.54	199078.48	572	9894622.40	198831.20	597	9894182.82	198592.93
523	9895419.54	199302.42	548	9895040.26	199066.87	573	9894604.82	198821.67	598	9894165.24	198583.40
524	9895399.83	199299.01	549	9895023.83	199055.48	574	9894587.24	198812.14	599	9894147.63	198573.92
525	9895380.12	199295.59	550	9895007.36	199044.13	575	9894569.65	198802.60	600	9894129.99	198564.50

Ntungamo - Mirama Hills(Kakitumba) Road Project

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	Coord	linates		Coord	linates		Coord	inates		Coord	linates
Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)
601	9894112.35	198555.08	626	9893625.38	198504.19	651	9893130.53	198575.79	676	9892674.15	198699.61
602	9894094.29	198546.48	627	9893605.58	198507.05	652	9893110.74	198578.66	677	9892659.39	198712.99
603	9894076.20	198537.95	628	9893585.79	198509.91	653	9893090.94	198581.52	678	9892646.06	198727.90
604	9894057.90	198529.92	629	9893566.00	198512.78	654	9893071.15	198584.39	679	9892632.73	198742.80
605	9894039.17	198522.90	630	9893546.20	198515.64	655	9893051.36	198587.25	680	9892619.40	198757.71
606	9894020.44	198515.88	631	9893526.41	198518.51	656	9893031.56	198590.11	681	9892608.17	198770.27
607	9894001.34	198510.01	632	9893506.62	198521.37	657	9893011.77	198592.98	682	9892616.34	198776.04
608	9893982.09	198504.57	633	9893486.82	198524.24	658	9892991.98	198595.84	683	9892609.53	198787.30
609	9893962.80	198499.33	634	9893467.03	198527.10	659	9892972.18	198598.71	684	9892599.18	198804.41
610	9893943.17	198495.51	635	9893447.23	198529.96	660	9892952.39	198601.57	685	9892588.96	198821.59
611	9893923.54	198491.69	636	9893427.44	198532.83	661	9892932.59	198604.44	686	9892581.00	198839.94
612	9893903.77	198488.73	637	9893407.65	198535.69	662	9892912.80	198607.30	687	9892573.04	198858.28
613	9893883.89	198486.56	638	9893387.85	198538.56	663	9892893.03	198610.29	688	9892565.65	198876.86
614	9893864.01	198484.39	639	9893368.06	198541.42	664	9892873.26	198613.35	689	9892558.93	198895.69
615	9893844.03	198483.75	640	9893348.26	198544.29	665	9892853.53	198616.59	690	9892552.27	198914.55
616	9893824.03	198483.24	641	9893328.47	198547.15	666	9892834.07	198621.20	691	9892545.69	198933.44
617	9893804.05	198483.25	642	9893308.68	198550.01	667	9892814.61	198625.81	692	9892539.12	198952.33
618	9893784.08	198484.41	643	9893288.88	198552.88	668	9892795.52	198631.63	693	9892532.54	198971.22
619	9893764.11	198485.56	644	9893269.09	198555.74	669	9892776.87	198638.85	694	9892525.96	198990.10
620	9893744.24	198487.75	645	9893249.30	198558.61	670	9892758.22	198646.08	695	9892519.38	199008.99
621	9893724.41	198490.35	646	9893229.50	198561.47	671	9892740.54	198655.34	696	9892512.81	199027.88
622	9893704.58	198492.95	647	9893209.71	198564.34	672	9892740.54	198655.34	697	9892506.23	199046.77
623	9893684.76	198495.59	648	9893189.91	198567.20	673	9892723.11	198665.15	698	9892499.65	199065.65
624	9893664.97	198498.46	649	9893170.12	198570.06	674	9892705.86	198675.23	699	9892493.07	199084.54
625	9893645.17	198501.32	650	9893150.33	198572.93	675	9892690.00	198687.42	700	9892486.49	199103.43

Ntungamo - Mirama Hills(Kakitumba) Road Project

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									l		1
Number	Coord	linates	Number	Coord	linates	Number	Coord	linates	Number	Coord	linates
	N(X)	E(Y)		N(X)	E(Y)		N(X)	E(Y)		N(X)	E(Y)
701	9892479.92	199122.32	726	9892289.16	199583.84	751	9892042.94	200019.00	776	9891773.33	200440.06
702	9892473.34	199141.20	727	9892279.55	199601.38	752	9892032.47	200036.04	777	9891762.46	200456.85
703	9892466.76	199160.09	728	9892269.93	199618.92	753	9892022.00	200053.08	778	9891751.60	200473.64
704	9892460.18	199178.98	729	9892260.31	199636.45	754	9892011.54	200070.12	779	9891668.36	200495.88
705	9892453.61	199197.86	730	9892250.68	199653.98	755	9892001.07	200087.16	780	9891740.74	200490.43
706	9892447.03	199216.75	731	9892240.84	199671.39	756	9891990.41	200104.09	781	9891729.87	200507.23
707	9892440.45	199235.64	732	9892231.01	199688.81	757	9891979.65	200120.95	782	9891719.01	200524.02
708	9892433.54	199254.41	733	9892221.17	199706.22	758	9891968.87	200137.79	783	9891708.15	200540.81
709	9892426.61	199273.17	734	9892211.34	199723.64	759	9891958.01	200154.58	784	9891697.28	200557.60
710	9892419.68	199291.93	735	9892201.50	199741.05	760	9891947.14	200171.38	785	9891686.42	200574.40
711	9892412.75	199310.69	736	9892191.67	199758.47	761	9891936.28	200188.17	786	9891675.56	200591.19
712	9892405.83	199329.45	737	9892181.83	199775.88	762	9891925.42	200204.96	787	9891664.69	200607.98
713	9892398.20	199347.94	738	9892172.00	199793.30	763	9891914.55	200221.75	788	9891653.83	200624.77
714	9892390.57	199366.43	739	9892162.16	199810.71	764	9891903.69	200238.55	789	9891642.97	200641.57
715	9892382.93	199384.91	740	9892152.33	199828.13	765	9891892.83	200255.34	790	9891632.10	200658.36
716	9892375.30	199403.40	741	9892142.49	199845.54	766	9891881.96	200272.13	791	9891621.28	200675.17
717	9892367.31	199421.73	742	9892132.66	199862.96	767	9891871.10	200288.92	792	9891610.68	200692.14
718	9892358.97	199439.91	743	9892122.82	199880.37	768	9891860.23	200305.72	793	9891600.08	200709.10
719	9892350.64	199458.09	744	9892112.99	199897.78	769	9891849.37	200322.51	794	9891590.38	200726.57
720	9892342.30	199476.27	745	9892103.15	199915.20	770	9891838.51	200339.30	795	9891581.29	200744.38
721	9892333.97	199494.45	746	9892093.30	199932.60	771	9891827.64	200356.09	796	9891572.21	200762.20
722	9892325.27	199512.46	747	9892083.23	199949.89	772	9891816.78	200372.89	797	9891565.39	200781.00
723	9892316.25	199530.31	748	9892073.17	199967.17	773	9891805.92	200389.68	798	9891558.56	200799.80
724	9892307.23	199548.16	749	9892063.11	199984.46	774	9891795.05	200406.47	799	9891552.73	200818.89
725	9892298.22	199566.01	750	9892053.05	200001.74	775	9891784.19	200423.26	800	9891548.29	200838.39

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	Coord	linates		Coord	linates		Coord	linates		Coord	linates
Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)
801	9891543.84	200857.89	826	9891485.99	201354.50	851	9891456.53	201853.43	876	9891415.75	202350.50
802	9891540.94	200877.67	827	9891483.92	201374.40	852	9891456.32	201873.43	877	9891413.16	202370.33
803	9891538.35	200897.50	828	9891481.85	201394.29	853	9891456.11	201893.43	878	9891410.75	202390.18
804	9891535.76	200917.33	829	9891479.78	201414.18	854	9891455.91	201913.42	879	9891408.61	202410.06
805	9891533.42	200937.19	830	9891477.83	201434.09	855	9891455.70	201933.42	880	9891407.20	202430.01
806	9891531.15	200957.06	831	9891476.16	201454.02	856	9891455.50	201953.42	881	9891405.78	202449.96
807	9891528.88	200976.93	832	9891474.48	201473.95	857	9891455.29	201973.42	882	9891405.02	202469.94
808	9891526.61	200996.80	833	9891472.81	201493.88	858	9891455.08	201993.42	883	9891404.49	202489.94
809	9891524.34	201016.67	834	9891471.14	201513.81	859	9891454.88	202013.42	884	9891404.01	202509.93
810	9891522.06	201036.55	835	9891469.58	201533.74	860	9891454.60	202033.42	885	9891403.76	202529.93
811	9891519.79	201056.42	836	9891468.31	201553.70	861	9891454.30	202053.42	886	9891403.51	202549.93
812	9891517.52	201076.29	837	9891467.04	201573.66	862	9891453.83	202073.41	887	9891403.25	202569.93
813	9891515.25	201096.16	838	9891465.77	201593.62	863	9891452.84	202093.38	888	9891403.00	202589.92
814	9891512.98	201116.03	839	9891464.50	201613.58	864	9891451.85	202113.36	889	9891402.56	202609.92
815	9891510.71	201135.90	840	9891463.33	201633.55	865	9891450.09	202133.28	890	9891402.03	202629.91
816	9891508.44	201155.77	841	9891462.48	201653.53	866	9891448.11	202153.18	891	9891401.16	202649.88
817	9891506.17	201175.64	842	9891461.63	201673.51	867	9891445.83	202173.04	892	9891399.23	202669.79
818	9891503.90	201195.51	843	9891460.77	201693.49	868	9891442.87	202192.82	893	9891397.29	202689.70
819	9891501.62	201215.38	844	9891459.92	201713.47	869	9891439.91	202212.60	894	9891393.75	202709.36
820	9891499.35	201235.25	845	9891459.07	201733.46	870	9891436.45	202232.30	895	9891389.85	202728.98
821	9891497.08	201255.12	846	9891458.54	201753.45	871	9891432.90	202251.98	896	9891385.20	202748.41
822	9891494.81	201274.99	847	9891458.13	201773.44	872	9891429.35	202271.66	897	9891379.42	202767.56
823	9891492.54	201294.86	848	9891457.72	201793.44	873	9891425.86	202291.36	898	9891373.64	202786.70
824	9891490.27	201314.73	849	9891457.30	201813.44	874	9891422.49	202311.07	899	9891366.87	202805.52
825	9891488.06	201334.61	850	9891456.89	201833.43	875	9891419.12	202330.79	900	9891360.07	202824.33

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	Coord	linates		Coord	linates		Coord	linates		Coord	linates
Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)
901	9891353.21	202843.12	926	9891180.35	203312.29	951	9891084.76	203798.54	976	9891106.36	204295.14
902	9891346.29	202861.88	927	9891173.44	203331.05	952	9891084.19	203818.53	977	9891112.27	204314.25
903	9891339.38	202880.65	928	9891166.52	203349.82	953	9891083.63	203838.52	978	9891118.21	204333.34
904	9891332.46	202899.42	929	9891159.61	203368.59	954	9891083.06	203858.52	979	9891124.16	204352.44
905	9891325.55	202918.18	930	9891152.69	203387.35	955	9891082.50	203878.51	980	9891130.10	204371.54
906	9891318.64	202936.95	931	9891145.78	203406.12	956	9891081.94	203898.50	981	9891136.04	204390.63
907	9891311.72	202955.72	932	9891138.96	203424.92	957	9891081.37	203918.49	982	9891141.99	204409.73
908	9891304.81	202974.48	933	9891132.24	203443.76	958	9891080.81	203938.48	983	9891147.93	204428.82
909	9891297.89	202993.25	934	9891125.51	203462.59	959	9891080.24	203958.48	984	9891153.88	204447.92
910	9891290.98	203012.02	935	9891119.80	203481.76	960	9891079.68	203978.47	985	9891159.82	204467.02
911	9891284.06	203030.78	936	9891114.14	203500.94	961	9891079.11	203998.46	986	9891165.77	204486.11
912	9891277.15	203049.55	937	9891109.04	203520.27	962	9891078.55	204018.45	987	9891171.71	204505.21
913	9891270.24	203068.32	938	9891104.76	203539.80	963	9891077.98	204038.44	988	9891177.66	204524.31
914	9891263.32	203087.08	939	9891100.48	203559.34	964	9891077.42	204058.44	989	9891183.60	204543.40
915	9891256.41	203105.85	940	9891097.39	203579.09	965	9891077.03	204078.43	990	9891189.54	204562.50
916	9891249.49	203124.62	941	9891094.52	203598.89	966	9891076.70	204098.43	991	9891195.49	204581.59
917	9891242.58	203143.38	942	9891092.02	203618.72	967	9891076.38	204118.43	992	9891201.43	204600.69
918	9891235.66	203162.15	943	9891090.42	203638.66	968	9891077.13	204138.40	993	9891207.38	204619.79
919	9891228.75	203180.92	944	9891089.04	203658.61	969	9891078.33	204158.36	994	9891213.32	204638.88
920	9891221.84	203199.69	945	9891083.18	203678.59	970	9891079.80	204178.30	995	9891219.27	204657.98
921	9891214.92	203218.45	946	9891087.62	203698.58	971	9891082.99	204198.04	996	9891225.21	204677.07
922	9891208.01	203237.22	947	9891087.02	203718.57	972	9891086.18	204217.79	997	9891231.04	204696.21
923	9891201.09	203255.99	948	9891086.45	203738.56	973	9891090.41	204237.31	998	9891236.86	204715.34
924	9891194.18	203274.75	949	9891085.89	203758.56	974	9891095.45	204256.67	999	9891242.24	204734.60
925	9891187.26	203293.52	950	9891085.32	203778.55	975	9891100.50	204276.02	1000	9891247.19	204753.97

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T			T								
Number	Coord	linates	Number	Coord	linates	Number	Coord	inates	Number	Coord	dinates
	N(X)	E (Y)		N(X)	E(Y)		N(X)	E(Y)		N(X)	E (Y)
1001	9891252.08	204773.37	1026	9891196.93	205261.33	1051	9890997.06	205664.63	1076	9890786.50	206117.61
1002	9891255.77	204793.02	1027	9891188.54	205279.48	1052	9890988.57	205682.74	1077	9890795.64	206121.66
1003	9891259.46	204812.68	1028	9891180.15	205297.64	1053	9890980.08	205700.85	1078	9890791.46	206131.26
1004	9891262.39	204832.45	1029	9891176.38	205305.80	1054	9890971.59	205718.96	1079	9890783.49	206149.61
1005	9891264.81	204852.31	1030	9891167.33	205301.56	1055	9890963.10	205737.06	1080	9890775.52	206167.95
1006	9891267.03	204872.18	1031	9891158.41	205320.59	1056	9890954.60	205755.17	1081	9890767.54	206186.29
1007	9891268.17	204892.15	1032	9891149.92	205338.69	1057	9890946.11	205773.28	1082	9890759.57	206204.63
1008	9891269.30	204912.11	1033	9891141.42	205356.80	1058	9890937.62	205791.39	1083	9890751.83	206223.07
1009	9891269.53	204932.10	1034	9891132.93	205374.91	1059	9890929.13	205809.49	1084	9890744.09	206241.51
1010	9891269.38	204952.10	1035	9891124.44	205393.02	1060	9890920.64	205827.60	1085	9890736.35	206259.96
1011	9891268.90	204972.09	1036	9891115.95	205411.12	1061	9890912.14	205845.71	1086	9890728.61	206278.40
1012	9891267.46	204992.04	1037	9891107.46	205429.23	1062	9890903.65	205863.82	1087	9890721.00	206296.89
1013	9891266.01	205011.99	1038	9891098.96	205447.34	1063	9890895.16	205881.93	1088	9890713.51	206315.44
1014	9891263.54	205031.83	1039	9891090.47	205465.45	1064	9890886.67	205900.03	1089	9890706.02	206333.98
1015	9891260.81	205051.64	1040	9891081.98	205483.56	1065	9890878.18	205918.14	1090	9890698.54	206352.53
1016	9891257.64	205071.38	1041	9891073.49	205501.66	1066	9890869.69	205936.25	1091	9890691.05	206371.07
1017	9891253.64	205090.97	1042	9891065.00	205519.77	1067	9890861.19	205954.36	1092	9890683.72	206389.68
1018	9891249.64	205110.57	1043	9891056.51	205537.88	1068	9890852.71	205972.47	1093	9890676.55	206408.35
1019	9891244.63	205129.93	1044	9891056.51	205537.88	1069	9890844.41	205990.66	1094	9890669.38	206427.02
1020	9891239.50	205149.26	1045	9891048.01	205555.99	1070	9890836.11	206008.86	1095	9890662.22	206445.70
1021	9891233.33	205168.28	1046	9891039.52	205574.09	1071	9890827.81	206027.06	1096	9890655.05	206464.37
1022	9891227.09	205187.28	1047	9891031.03	205592.20	1072	9890819.51	206045.25	1097	9890647.88	206483.04
1023	9891220.26	205206.07	1048	9891022.54	205610.31	1073	9890811.21	206063.45	1098	9890640.71	206501.71
1024	9891212.81	205224.63	1049	9891014.05	205628.42	1074	9890802.91	206081.64	1099	9890633.63	206520.41
1025	9891205.32	205243.17	1050	9891005.55	205646.53	1075	9890794.61	206099.84	1100	9890626.63	206539.15

Ntungamo - Mirama Hills(Kakitumba) Road Project

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		l:4		6	I		6	U		C	41
Number	Coord	linates	Number	Coord	linates	Number	Coord	linates	Number	Coord	dinates
	N(X)	E(Y)		N(X)	E(Y)		N(X)	E(Y)		N(X)	E(Y)
1101	9890619.64	206557.89	1126	9890468.33	207033.05	1151	9890371.20	207521.46	1176	9890162.32	207973.88
1102	9890612.65	206576.62	1127	9890465.59	207052.86	1152	9890363.72	207540.01	1177	9890137.41	208005.18
1103	9890605.65	206595.36	1128	9890462.90	207072.68	1153	9890356.24	207558.55	1178	9890124.87	208020.76
1104	9890598.66	206614.10	1129	9890460.22	207092.50	1154	9890348.75	207577.10	1179	9890112.33	208036.34
1105	9890591.66	206632.84	1130	9890457.54	207112.32	1155	9890341.27	207595.65	1180	9890099.79	208051.92
1106	9890584.67	206651.57	1131	9890454.85	207132.14	1156	9890333.78	207614.19	1181	9890087.25	208067.50
1107	9890577.68	206670.31	1132	9890452.17	207151.96	1157	9890326.30	207632.74	1182	9890074.71	208083.08
1108	9890570.68	206689.05	1133	9890449.48	207171.78	1158	9890318.81	207651.29	1183	9890062.16	208098.66
1109	9890563.69	206707.79	1134	9890446.80	207191.60	1159	9890311.33	207669.83	1184	9890049.62	208114.24
1110	9890556.69	206726.52	1135	9890444.12	207211.42	1160	9890303.85	207688.38	1185	9890037.08	208129.81
1111	9890549.70	206745.26	1136	9890441.43	207231.24	1161	9890296.36	207706.93	1186	9890024.54	208145.39
1112	9890542.71	206764.00	1137	9890438.75	207251.06	1162	9890288.88	207725.47	1187	9890012.00	208160.97
1113	9890535.71	206782.73	1138	9890436.06	207270.87	1163	9890281.39	207744.02	1188	9889999.46	208176.55
1114	9890528.72	206801.47	1139	9890433.38	207290.69	1164	9890273.91	207762.57	1189	9889986.92	208192.13
1115	9890521.80	206820.24	1140	9890430.60	207310.50	1165	9890266.42	207781.11	1190	9889974.38	208207.71
1116	9890514.97	206839.04	1141	9890427.80	207330.30	1166	9890258.94	207799.66	1191	9889961.84	208223.29
1117	9890508.14	206857.83	1142	9890424.64	207350.05	1167	9890251.26	207818.13	1192	9889949.30	208238.87
1118	9890502.20	206876.93	1143	9890420.78	207369.67	1168	9890243.58	207836.59	1193	9889936.76	208254.45
1119	9890496.29	206896.04	1144	9890416.91	207389.29	1169	9890235.29	207854.79	1194	9889924.22	208270.03
1120	9890490.89	206915.28	1145	9890411.62	207408.57	1170	9890226.48	207872.74	1195	9889911.67	208285.61
1121	9890486.19	206934.72	1146	9890406.15	207427.81	1171	9890217.53	207890.62	1196	9889899.13	208301.19
1122	9890481.49	206954.16	1147	9890399.95	207446.80	1172	9890207.25	207907.77	1197	9889886.61	208316.79
1123	9890477.84	206973.82	1148	9890392.86	207465.51	1173	9890196.97	207924.93	1198	9889874.17	208332.44
1124	9890474.35	206993.52	1149	9890385.78	207484.21	1174	9890185.79	207941.50	1199	9889861.72	208348.10
1125	9890471.09	207013.25	1150	9890378.69	207502.91	1175	9890174.14	207957.75	1200	9889849.69	208364.07

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Ntungamo - Mirama Hills(Kakitumba) Road Project

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	Coord	linates		Coord	linates		Coord	linates		Coore	dinates
Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)
1201	9889837.83	208380.17	1226	9889592.78	208815.63	1251	9889357.94	209279.44	1276	9889154.65	209714.26
1202	9889826.10	208396.37	1227	9889583.30	208833.24	1252	9889349.47	209297.55	1277	9889146.18	209732.38
1203	9889815.06	208413.04	1228	9889573.82	208850.85	1253	9889341.00	209315.67	1278	9889137.71	209750.50
1204	9889804.01	208429.72	1229	9889564.34	208868.46	1254	9889335.68	209305.25	1279	9889129.24	209768.62
1205	9889793.50	208446.73	1230	9889554.86	208886.07	1255	9889332.53	209333.79	1280	9889120.77	209786.73
1206	9889783.29	208463.93	1231	9889545.38	208903.68	1256	9889324.06	209351.91	1281	9889112.24	209804.83
1207	9889773.15	208481.16	1232	9889535.90	208921.29	1257	9889315.59	209370.03	1282	9889103.72	209822.92
1208	9889763.57	208498.72	1233	9889526.43	208938.91	1258	9889307.12	209388.14	1283	9889094.95	209840.89
1209	9889753.99	208516.27	1234	9889517.10	208956.60	1259	9889298.65	209406.26	1284	9889085.99	209858.77
1210	9889744.46	208533.86	1235	9889507.77	208974.29	1260	9889290.18	209424.38	1285	9889076.99	209876.63
1211	9889734.98	208551.47	1236	9889489.10	209009.66	1261	9889281.71	209442.50	1286	9889067.44	209894.20
1212	9889725.50	208569.08	1237	9889479.80	209027.37	1262	9889273.24	209460.61	1287	9889057.89	209911.78
1213	9889716.02	208586.69	1238	9889470.82	209045.24	1263	9889264.77	209478.73	1288	9889047.99	209929.15
1214	9889706.54	208604.30	1239	9889461.84	209063.11	1264	9889256.29	209496.85	1289	9889037.86	209946.40
1215	9889697.06	208621.91	1240	9889452.86	209080.98	1265	9889247.82	209514.97	1290	9889027.66	209963.60
1216	9889687.58	208639.52	1241	9889443.88	209098.85	1266	9889239.35	209533.09	1291	9889016.96	209980.50
1217	9889678.10	208657.13	1242	9889434.92	209116.73	1267	9889230.88	209551.20	1292	9889006.27	209997.40
1218	9889668.62	208674.74	1243	9889426.30	209134.78	1268	9889222.41	209569.32	1293	9888995.37	210014.17
1219	9889659.14	208692.35	1244	9889417.68	209152.82	1269	9889213.94	209587.44	1294	9888984.36	210030.86
1220	9889649.66	208709.96	1245	9889409.06	209170.87	1270	9889205.47	209605.56	1295	9888973.33	210047.55
1221	9889640.18	208727.57	1246	9889400.43	209188.92	1271	9889197.00	209623.67	1296	9888962.30	210064.23
1222	9889630.70	208745.18	1247	9889391.82	209206.97	1272	9889188.53	209641.79	1297	9888951.27	210080.91
1223	9889621.22	208762.80	1248	9889383.35	209225.08	1273	9889180.06	209659.91	1298	9888940.23	210097.59
1224	9889611.74	208780.41	1249	9889374.88	209243.20	1274	9889171.59	209678.03	1299	9888929.20	210114.28
1225	9889602.26	208798.02	1250	9889366.41	209261.32	1275	9889163.12	209696.15	1300	9888918.17	210130.96

Ntungamo - Mirama Hills(Kakitumba) Road Project

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Number	Coord	linates	Number	Coord	linates	Number	Coord	linates	Number	Coord	linates
	N(X)	E(Y)		N(X)	E(Y)		N(X)	E(Y)		N(X)	E(Y)
1301	9888907.14	210147.64	1326	9888760.24	210577.69	1351	9888550.68	211029.68	1376	9888331.71	211478.99
1302	9888896.13	210164.34	1327	9888756.03	210597.23	1352	9888541.36	211047.38	1377	9888323.82	211497.37
1303	9888885.28	210181.14	1328	9888750.97	210616.58	1353	9888532.04	211065.07	1378	9888315.93	211515.74
1304	9888874.43	210197.94	1329	9888745.90	210635.93	1354	9888522.71	211082.77	1379	9888308.04	211534.12
1305	9888864.22	210215.13	1330	9888739.33	210654.82	1355	9888513.39	211100.46	1380	9888300.14	211552.50
1306	9888854.38	210232.54	1331	9888732.67	210673.68	1356	9888504.07	211118.16	1381	9888292.25	211570.88
1307	9888844.65	210250.01	1332	9888725.24	210692.22	1357	9888494.76	211135.86	1382	9888284.36	211589.25
1308	9888844.65	210250.01	1333	9888717.05	210710.47	1358	9888485.62	211153.65	1383	9888276.47	211607.63
1309	9888836.28	210268.17	1334	9888708.79	210728.68	1359	9888476.48	211171.43	1384	9888268.58	211626.01
1310	9888827.91	210286.33	1335	9888699.62	210746.46	1360	9888467.33	211189.22	1385	9888260.68	211644.38
1311	9888820.33	210304.82	1336	9888690.45	210764.23	1361	9888458.19	211207.01	1386	9888252.74	211662.74
1312	9888813.50	210323.62	1337	9888681.19	210781.96	1362	9888449.08	211224.81	1387	9888244.74	211681.07
1313	9888806.67	210342.42	1338	9888671.87	210799.65	1363	9888440.33	211242.80	1388	9888236.71	211699.38
1314	9888801.36	210361.70	1339	9888662.54	210817.35	1364	9888431.58	211260.78	1389	9888227.70	211717.24
1315	9888796.12	210381.00	1340	9888653.22	210835.04	1365	9888422.84	211278.77	1390	9888218.69	211735.10
1316	9888791.44	210400.43	1341	9888643.90	210852.74	1366	9888414.09	211296.75	1391	9888209.50	211752.85
1317	9888787.65	210420.07	1342	9888634.58	210870.43	1367	9888405.37	211314.76	1392	9888198.92	211769.82
1318	9888783.86	210439.71	1343	9888625.26	210888.12	1368	9888397.17	211333.00	1393	9888188.33	211786.79
1319	9888780.52	210459.43	1344	9888615.93	210905.82	1369	9888386.58	211337.54	1394	9888176.82	211803.13
1320	9888777.27	210479.16	1345	9888606.61	210923.51	1370	9888380.76	211369.48	1395	9888164.86	211819.16
1321	9888774.02	210498.89	1346	9888597.29	210941.21	1371	9888372.56	211387.72	1396	9888152.60	211834.94
1322	9888770.78	210518.63	1347	9888587.97	210958.90	1372	9888364.36	211405.96	1397	9888139.37	211849.94
1323	9888767.54	210538.37	1348	9888578.65	210976.60	1373	9888356.16	211424.20	1398	9888126.14	211864.94
1324	9888763.92	210558.04	1349	9888569.32	210994.29	1374	9888347.95	211442.44	1399	9888112.29	211879.36
1325	9888760.24	210577.69	1350	9888560.00	211011.99	1375	9888339.75	211460.68	1400	9888098.28	211893.64

Ntungamo - Mirama Hills(Kakitumba) Road Project

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Number	Coord	dinates	Number	Coord	dinates	Number	Coord	linates	Number	Coore	linates
Number	N(X)	E(Y)	Number	N(X)	E (Y)	Number	N(X)	E (Y)	Number	N(X)	E(Y)
1401	9888098.28	211893.64	1426	9887786.15	212280.25	1451	9887648.52	212759.84	1476	9887691.02	213222.40
1402	9888084.24	211907.88	1427	9887777.42	212298.24	1452	9887644.61	212779.46	1477	9887699.35	213240.57
1403	9888070.13	211922.05	1428	9887769.64	212316.67	1453	9887641.81	212799.25	1478	9887708.61	213258.30
1404	9888056.02	211936.22	1429	9887761.87	212335.10	1454	9887639.19	212819.08	1479	9887717.88	213276.02
1405	9888041.90	211950.40	1430	9887754.62	212353.73	1455	9887636.99	212838.95	1480	9887727.15	213293.74
1406	9888027.79	211964.57	1431	9887747.88	212372.56	1456	9887635.71	212858.91	1481	9887736.42	213311.47
1407	9888013.68	211978.74	1432	9887741.14	212391.39	1457	9887634.42	212878.87	1482	9887745.98	213329.03
1408	9887999.57	211992.91	1433	9887735.42	212410.55	1458	9887634.15	212898.86	1483	9887755.64	213346.54
1409	9887985.46	212007.08	1434	9887729.73	212429.73	1459	9887634.19	212918.86	1484	9887765.30	213364.06
1410	9887971.44	212021.35	1435	9887724.36	212448.99	1460	9887634.52	212938.85	1485	9887774.96	213381.57
1411	9887957.45	212035.64	1436	9887719.42	212468.37	1461	9887635.90	212958.80	1486	9887784.62	213399.08
1412	9887943.64	212050.11	1437	9887714.49	212487.75	1462	9887637.28	212978.75	1487	9887794.28	213416.60
1413	9887930.27	212064.98	1438	9887709.65	212507.16	1463	9887639.53	212998.62	1488	9887803.94	213434.11
1414	9887916.89	212079.85	1439	9887704.83	212526.57	1464	9887642.24	213018.43	1489	9887813.64	213451.60
1415	9887904.16	212095.26	1440	9887700.01	212545.98	1465	9887645.09	213038.22	1490	9887823.48	213469.01
1416	9887891.63	212110.85	1441	9887695.19	212565.39	1466	9887649.11	213057.81	1491	9887833.58	213486.26
1417	9887879.29	212126.58	1442	9887690.37	212584.80	1467	9887653.13	213077.41	1492	9887844.63	213502.93
1418	9887867.64	212142.84	1443	9887685.55	212604.21	1468	9887657.88	213096.82	1493	9887855.68	213519.60
1419	9887856.00	212159.10	1444	9887670.44	212622.80	1469	9887663.20	213116.10	1494	9887868.23	213535.09
1420	9887844.98	212175.78	1445	9887675.91	212643.03	1470	9887668.47	213135.22	1495	9887881.86	213549.72
1421	9887834.25	212192.67	1446	9887671.09	212662.44	1471	9887658.92	213138.20	1496	9887895.49	213564.36
1422	9887823.66	212209.63	1447	9887666.27	212681.85	1472	9887662.27	213147.80	1497	9887909.12	213578.99
1423	9887813.89	212227.08	1448	9887661.54	212701.29	1473	9887668.86	213166.68	1498	9887922.75	213593.63
1424	9887804.12	212244.53	1449	9887656.82	212720.72	1474	9887675.45	213185.56	1499	9887936.39	213608.26
1425	9887794.93	212262.28	1450	9887652.42	212740.23	1475	9887683.19	213204.00	1500	9887950.02	213622.90

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Ntungamo - Mirama Hills(Kakitumba) Road Project

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Number	Coord	linates	Number	Coord	linates	Number	Coord	iinates	Number	Coord	dinates
	N(X)	E(Y)		N(X)	E(Y)		N(X)	E(Y)		N(X)	E(Y)
1501	9887957.60	213631.04	1526	9887531.53	213488.51	1551	9887063.53	213473.71	1576	9886642.10	213740.49
1502	9887950.60	213636.50	1527	9887513.18	213480.59	1552	9887045.03	213481.31	1577	9886625.74	213751.99
1503	9887934.84	213648.82	1528	9887494.40	213473.70	1553	9887026.60	213489.06	1578	9886609.38	213763.50
1504	9887918.63	213660.32	1529	9887475.63	213466.80	1554	9887008.37	213497.27	1579	9886593.02	213775.00
1505	9887899.83	213667.14	1530	9887475.63	213466.80	1555	9886990.64	213506.52	1580	9886576.66	213786.50
1506	9887880.86	213673.10	1531	9887456.49	213461.06	1556	9886972.91	213515.78	1581	9886560.31	213798.03
1507	9887860.88	213673.92	1532	9887437.20	213455.75	1557	9886955.74	213526.00	1582	9886544.20	213809.88
1508	9887841.21	213670.44	1533	9887417.87	213450.65	1558	9886938.80	213536.64	1583	9886544.20	213809.88
1509	9887822.56	213663.51	1534	9887399.05	213439.37	1559	9886921.92	213547.36	1584	9886528.08	213821.72
1510	9887804.93	213654.18	1535	9887378.56	213443.27	1560	9886905.42	213558.66	1585	9886511.97	213833.57
1511	9887787.96	213643.60	1536	9887358.78	213440.45	1561	9886888.93	213569.97	1586	9886495.85	213845.41
1512	9887771.14	213632.77	1537	9887338.88	213438.41	1562	9886872.47	213581.34	1587	9886479.74	213857.26
1513	9887754.32	213621.95	1538	9887318.99	213436.37	1563	9886856.01	213592.71	1588	9886472.45	213862.61
1514	9887737.50	213611.12	1539	9887299.00	213435.86	1564	9886839.56	213604.07	1589	9886478.46	213870.60
1515	9887720.69	213600.30	1540	9887279.00	213435.49	1565	9886823.10	213615.44	1590	9886461.84	213883.37
1516	9887703.87	213589.47	1541	9887259.02	213435.64	1566	9886806.65	213626.81	1591	9886445.97	213895.55
1517	9887687.05	213578.65	1542	9887239.06	213436.93	1567	9886790.19	213638.17	1592	9886430.11	213907.73
1518	9887670.23	213567.82	1543	9887219.10	213438.22	1568	9886773.73	213649.54	1593	9886414.25	213919.91
1519	9887653.41	213557.00	1544	9887199.27	213440.70	1569	9886757.28	213660.91	1594	9886398.39	213932.10
1520	9887636.54	213546.27	1545	9887179.49	213443.65	1570	9886740.82	213672.27	1595	9886382.78	213944.60
1521	9887619.66	213535.54	1546	9887159.74	213446.78	1571	9886724.37	213683.64	1596	9886367.16	213957.09
1522	9887602.51	213525.25	1547	9887140.27	213451.36	1572	9886707.91	213695.01	1597	9886351.54	213969.59
1523	9887585.13	213515.37	1548	9887120.80	213455.94	1573	9886691.45	213706.37	1598	9886335.93	213982.08
1524	9887567.75	213505.48	1549	9887101.56	213461.34	1574	9886675.00	213717.74	1599	9886320.31	213994.58
1525	9887549.66	213496.95	1550	9887082.54	213467.52	1575	9886658.54	213729.11	1600	9886304.95	214007.38

Ntungamo - Mirama Hills(Kakitumba) Road Project

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										1 agc 17	
Number	Coord	inates	Number	Coord	linates	Number	Coord	linates	Number	Coore	dinates
Number	N(X)	E(Y)	Number	N(X)	E (Y)	Number	N(X)	E (Y)	Number	N(X)	E(Y)
1601	9886289.59	214020.19	1626	9885963.75	214315.65	1651	9885623.94	214654.66	1676	9885284.27	214993.81
1602	9886304.95	214007.38	1627	9885949.46	214329.65	1652	9885609.78	214668.79	1677	9885270.12	215007.94
1603	9886289.59	214020.19	1628	9885935.30	214343.77	1653	9885595.63	214682.92	1678	9885255.96	215022.08
1604	9886274.22	214032.99	1629	9885921.15	214357.90	1654	9885581.48	214697.05	1679	9885241.81	215036.21
1605	9886258.86	214045.80	1630	9885907.00	214372.03	1655	9885567.33	214711.18	1680	9885227.66	215050.34
1606	9886243.50	214058.61	1631	9885892.84	214386.16	1656	9885553.17	214725.32	1681	9885213.50	215064.47
1607	9886228.39	214071.71	1632	9885878.69	214400.29	1657	9885539.02	214739.45	1682	9885199.35	215078.60
1608	9886213.29	214084.82	1633	9885864.54	214414.43	1658	9885524.87	214753.58	1683	9885185.15	215092.69
1609	9886198.18	214097.93	1634	9885850.38	214428.56	1659	9885510.71	214767.71	1684	9885170.90	215106.72
1610	9886183.08	214111.04	1635	9885836.23	214442.69	1660	9885496.56	214781.84	1685	9885156.65	215120.75
1611	9886156.18	214107.50	1636	9885822.08	214456.82	1661	9885482.41	214795.97	1686	9885141.73	215134.07
1612	9886167.97	214124.15	1637	9885807.93	214470.95	1662	9885468.26	214810.10	1687	9885126.78	215147.35
1613	9886153.13	214137.56	1638	9885793.77	214485.08	1663	9885454.10	214824.24	1688	9885111.37	215160.08
1614	9886138.29	214150.96	1639	9885779.62	214499.21	1664	9885439.95	214838.37	1689	9885095.51	215172.27
1615	9886123.45	214164.37	1640	9885765.47	214513.35	1665	9885425.80	214852.50	1690	9885079.61	215184.40
1616	9886108.62	214177.78	1641	9885751.31	214527.48	1666	9885411.64	214866.63	1691	9885063.03	215195.58
1617	9886093.78	214191.19	1642	9885737.16	214541.61	1667	9885411.64	214866.63	1692	9885046.46	215206.77
1618	9886079.20	214204.89	1643	9885723.01	214555.74	1668	9885397.49	214880.76	1693	9885029.87	215217.94
1619	9886064.63	214218.59	1644	9885708.86	214569.87	1669	9885383.34	214894.89	1694	9885013.17	215228.95
1620	9886050.06	214232.29	1645	9885694.70	214584.00	1670	9885369.19	214909.02	1695	9884996.46	215239.95
1621	9886035.50	214246.00	1646	9885680.55	214598.13	1671	9885355.03	214923.16	1696	9884979.77	215250.96
1622	9886020.93	214259.70	1647	9885680.55	214598.13	1672	9885340.88	214937.29	1697	9884963.12	215262.05
1623	9886006.63	214273.68	1648	9885666.40	214612.26	1673	9885326.73	214951.42	1698	9884946.48	215273.13
1624	9885992.33	214287.67	1649	9885652.24	214626.40	1674	9885312.57	214965.55	1699	9884963.12	215262.05
1625	9885978.04	214301.66	1650	9885638.09	214640.53	1675	9885298.42	214979.68	1700	9884946.48	215273.13

Ntungamo - Mirama Hills(Kakitumba) Road Project

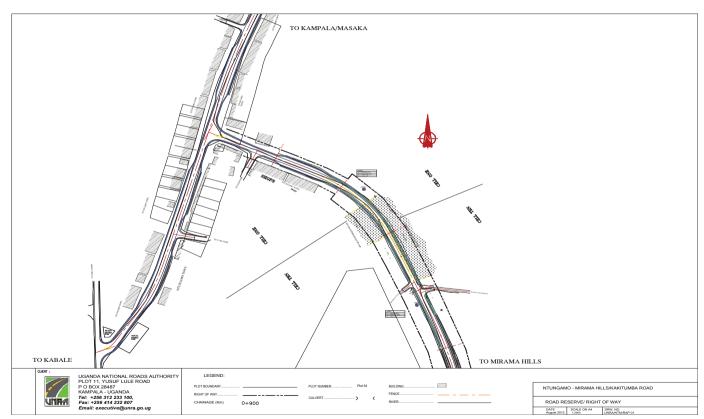
091 ROW-I-16 Page 18 Total 19

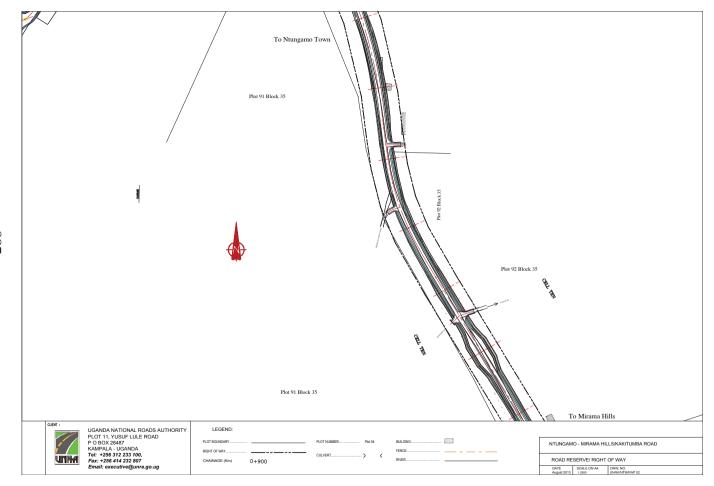
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Number	Coord	ı	Number		linates	Number		linates	Number		linates
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1702	9884914.18	215296.71	1727	9884621.12	215698.28	1752	9884372.90	216073.75	1777	9884220.31	216526.98
1703	9884898.18	215308.72	1728	9884621.12	215698.28	1753	9884362.43	216090.79	1778	9884214.88	216546.23
1704	9884883.41	215322.19	1729	9884610.43	215715.19	1754	9884352.31	216108.02	1779	9884209.45	216565.48
1705	9884868.63	215335.67	1730	9884599.74	215732.09	1755	9884343.54	216126.00	1780	9884204.02	216584.73
1706	9884854.48	215349.78	1731	9884589.05	215749.00	1756	9884334.77	216143.97	1781	9884198.59	216603.97
1707	9884841.13	215364.66	1732	9884578.36	215765.90	1757	9884327.07	216162.40	1782	9884193.15	216623.22
1708	9884827.77	215379.55	1733	9884567.68	215782.81	1758	9884320.13	216181.16	1783	9884187.72	216642.47
1709	9884815.74	215395.51	1734	9884556.99	215799.71	1759	9884313.19	216199.92	1784	9884182.29	216661.72
1710	9884803.91	215411.64	1735	9884546.30	215816.62	1760	9884307.52	216219.09	1785	9884176.86	216680.97
1711	9884792.39	215427.98	1736	9884535.61	215833.52	1761	9884301.88	216238.28	1786	9884171.43	216700.22
1712	9884781.58	215444.81	1737	9884524.93	215850.43	1762	9884313.19	216079.47	1787	9884166.00	216719.47
1713	9884770.77	215461.63	1738	9884514.24	215867.33	1763	9884296.34	216257.50	1788	9884160.57	216738.71
1714	9884760.06	215478.52	1739	9884503.55	215884.23	1764	9884290.90	216276.75	1789	9884155.14	216757.96
1715	9884749.37	215495.43	1740	9884492.86	215901.14	1765	9884285.47	216296.00	1790	9884135.35	216775.31
1716	9884738.68	215512.33	1741	9884482.17	215918.04	1766	9884280.04	216315.25	1791	9884144.28	216796.46
1717	9884728.00	215529.24	1742	9884471.49	215934.95	1767	9884274.61	216334.49	1792	9884138.85	216815.71
1718	9884717.31	215546.14	1743	9884460.80	215951.85	1768	9884269.18	216353.74	1793	9884133.00	216834.83
1719	9884706.62	215563.05	1744	9884450.11	215968.76	1769	9884263.75	216372.99	1794	9884127.11	216853.95
1720	9884695.93	215579.95	1745	9884439.42	215985.66	1770	9884258.32	216392.24	1795	9884119.94	216872.57
1721	9884685.24	215596.86	1746	9884428.73	216002.57	1771	9884252.89	216411.49	1796	9884111.56	216890.73
1722	9884674.56	215613.76	1747	9884415.72	216023.15	1772	9884247.46	216430.74	1797	9884102.79	216908.68
1723	9884663.87	215630.66	1748	9884407.27	216017.81	1773	9884242.03	216449.99	1798	9884092.57	216925.88
1724	9884653.18	215647.57	1749	9884404.31	216022.63	1774	9884236.60	216469.23	1799	9884082.36	216943.07
1725	9884642.49	215664.47	1750	9884393.84	216039.67	1775	9884231.17	216488.48	1800	9884072.44	216960.44

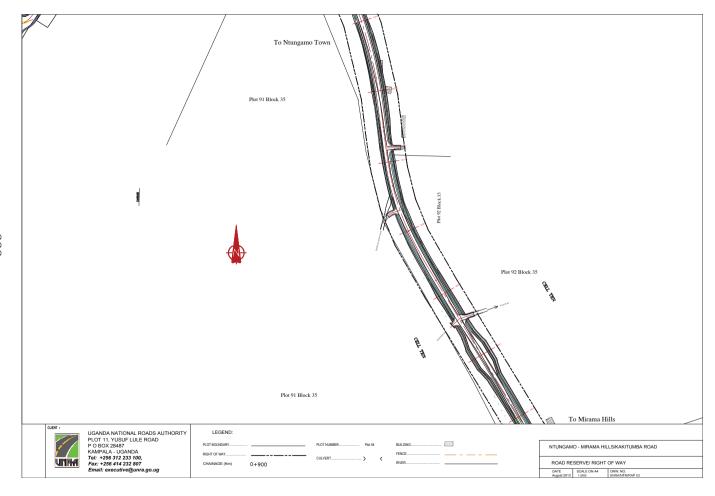
091 ROW-I-16 Page 19 Total 19

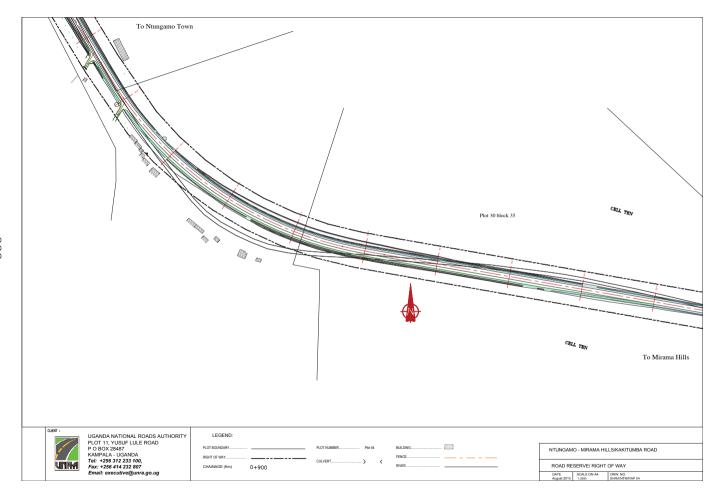
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Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E(Y)	Number	N(X)	E (Y)
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1802	9884053.09	216995.43									
1803	9884045.18	217013.80									
1804	9884038.20	217032.51									1
1805	9884032.04	217051.54									1
1806	9884026.74	217070.83									1
1807	9884021.70	217090.18									1
1808	9884016.62	217109.52									1
1809	9884005.48	217125.81									
1810	9883987.30	217133.48									1
1811	9883967.86	217130.10									·
1812	9883951.13	217119.17									
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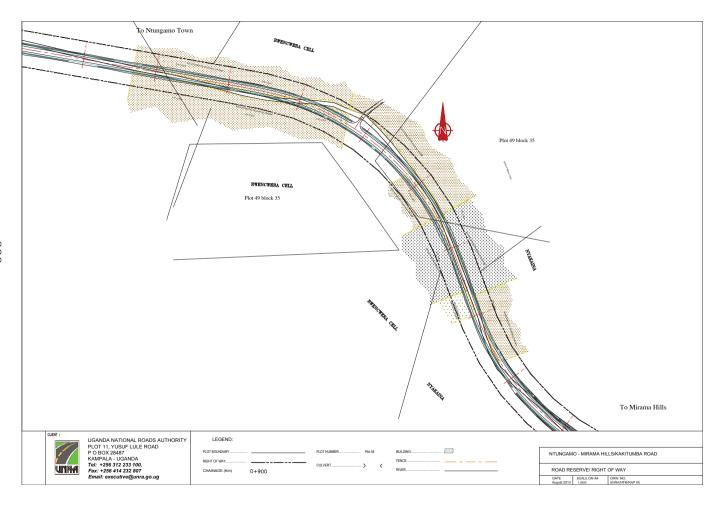
# PART II —MAPS OF THE LAND TO BE ACQUIRED FOR THE CONSTRUCTION OF THE NTUNGAMO-MIRAMA HILLS/KAKITUMBA ROAD

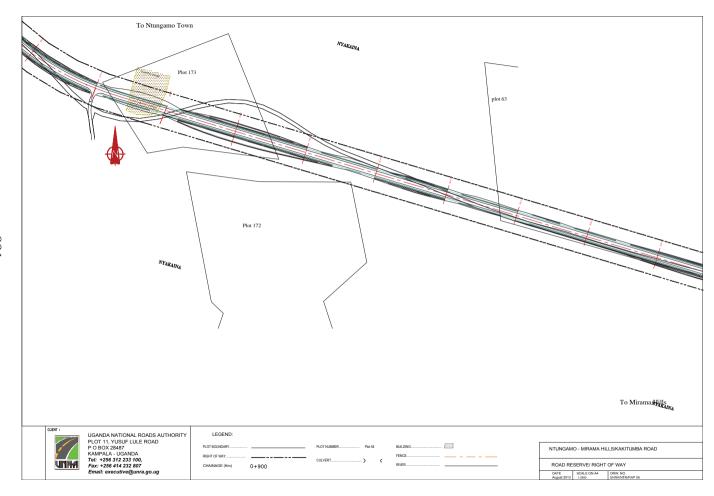


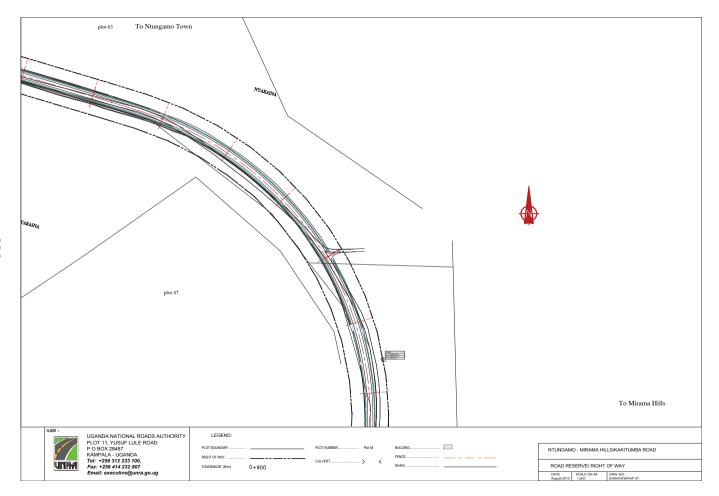


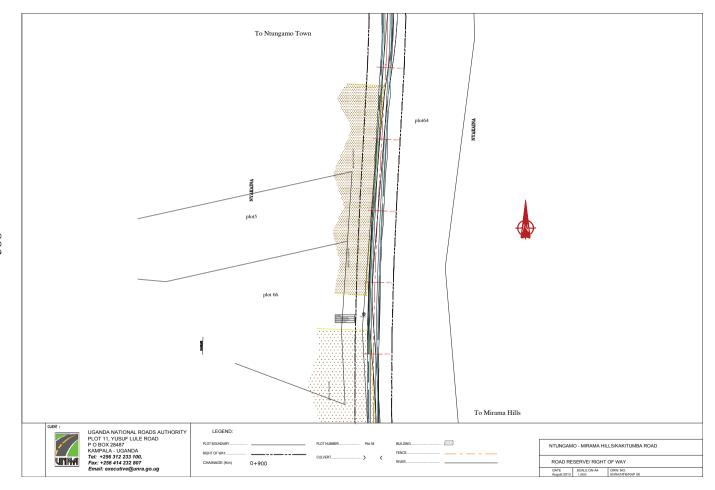


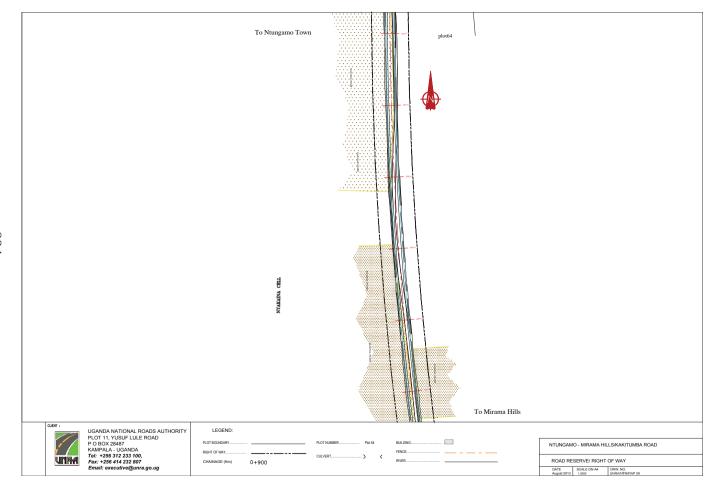


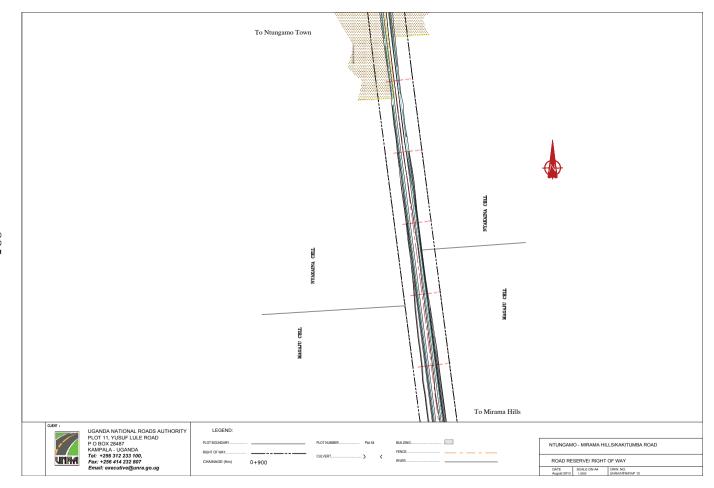


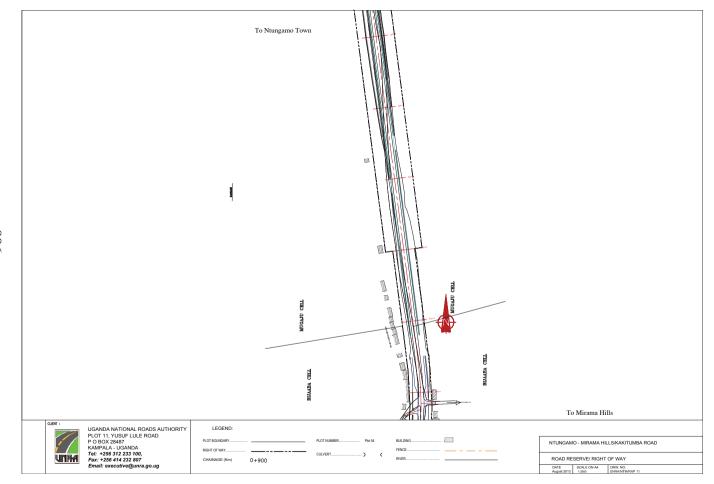


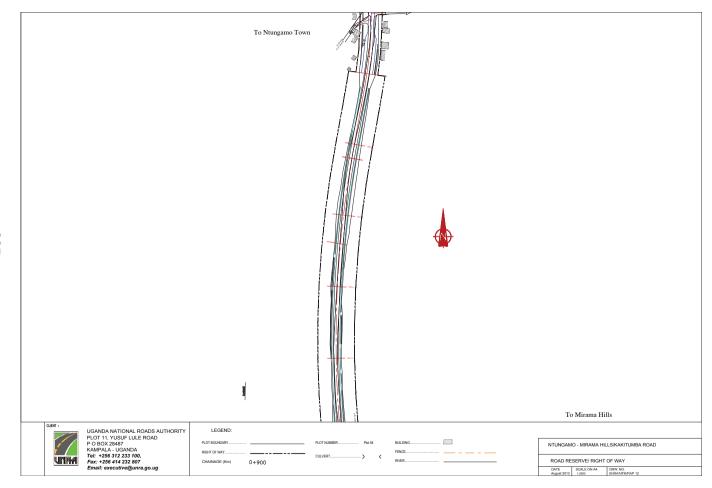


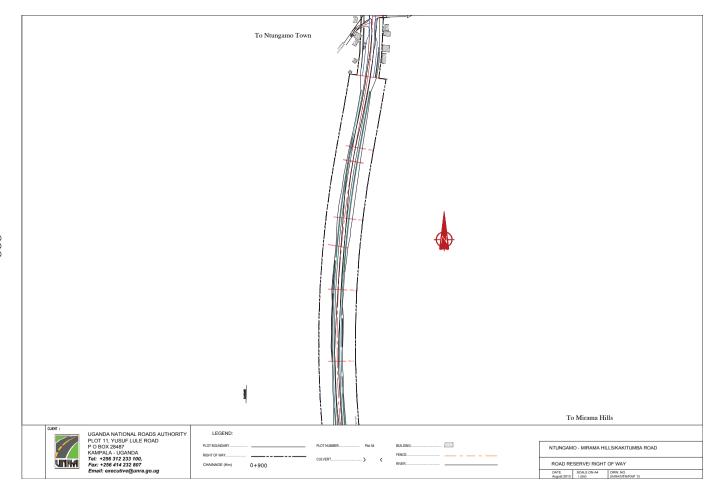


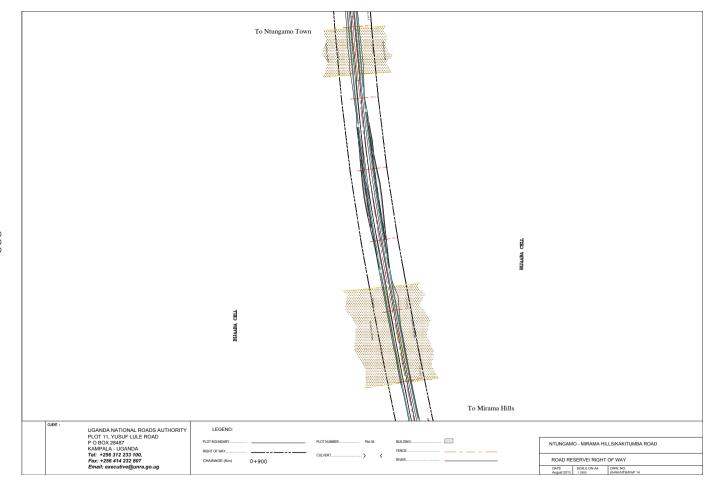


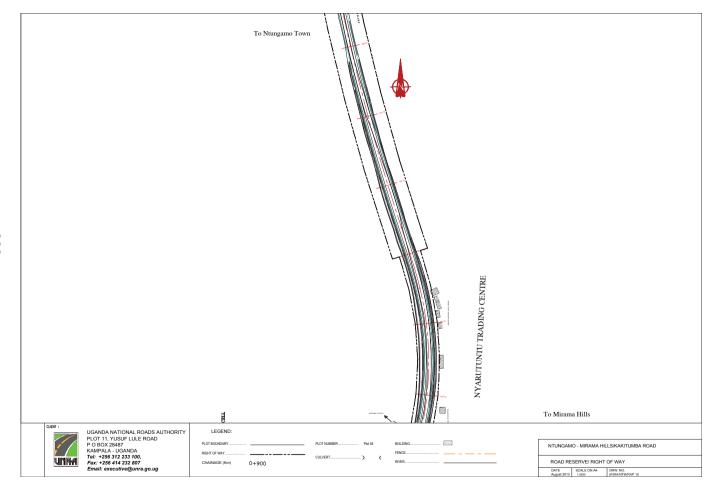


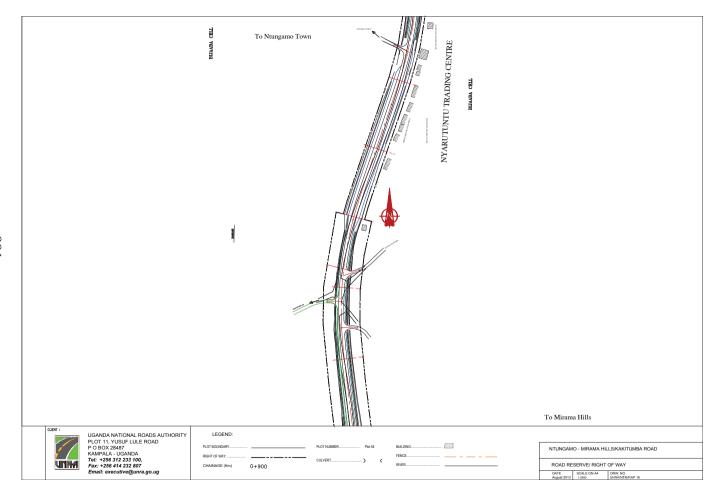


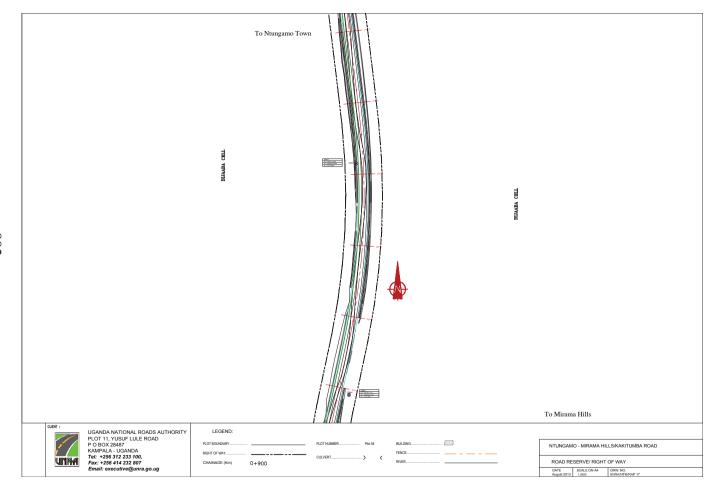


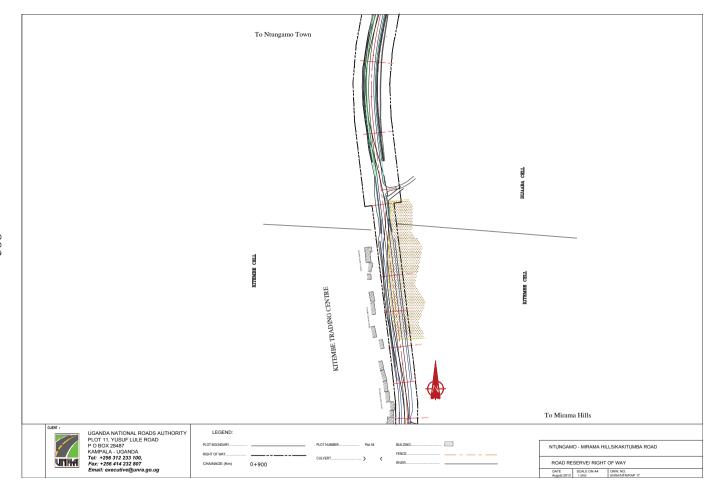


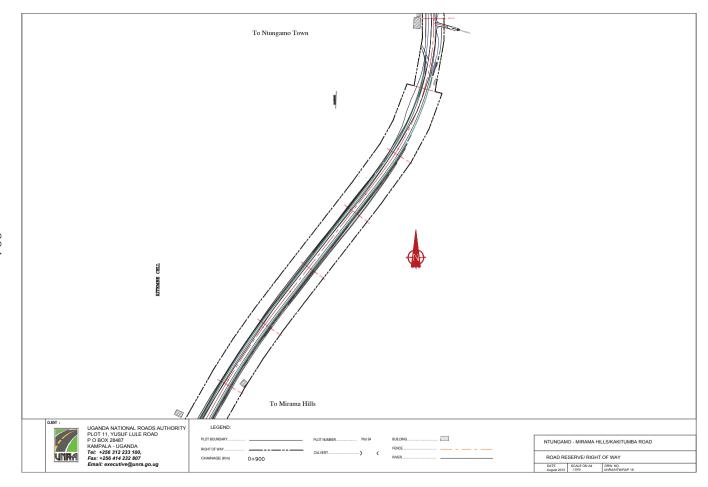


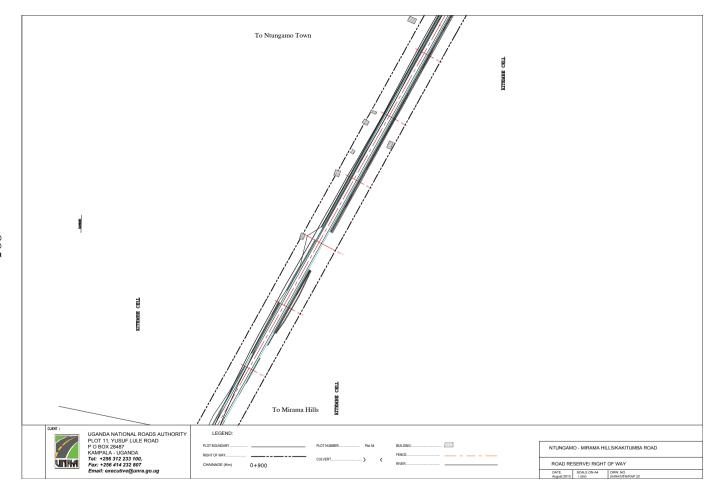


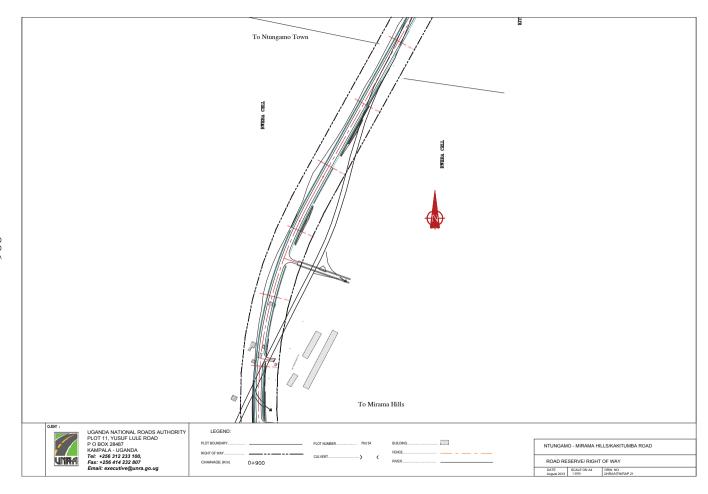


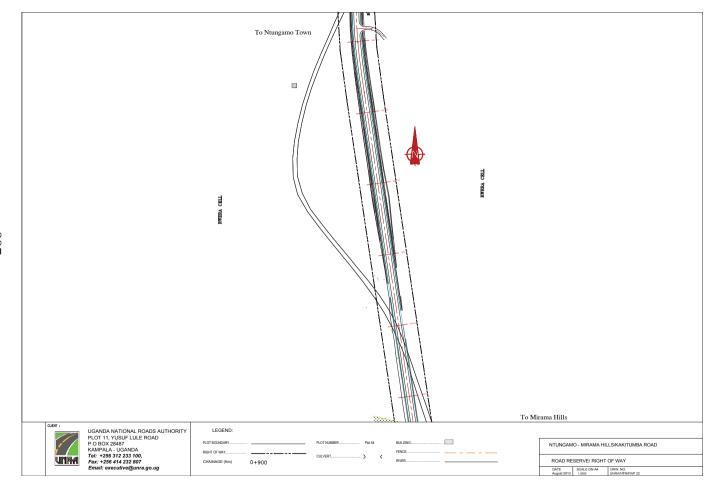


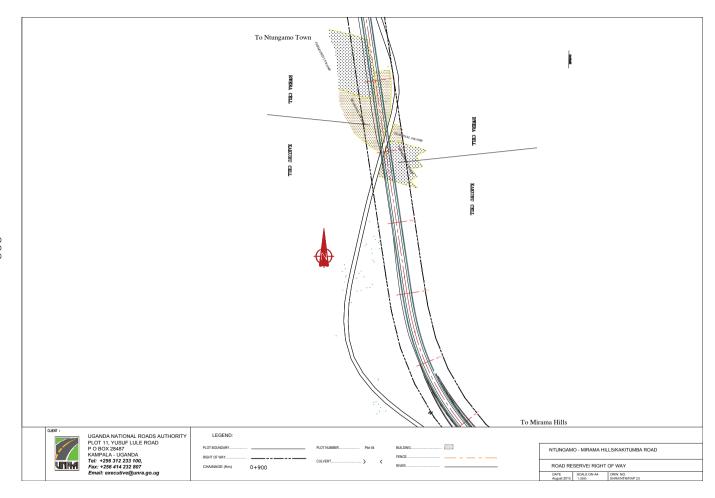


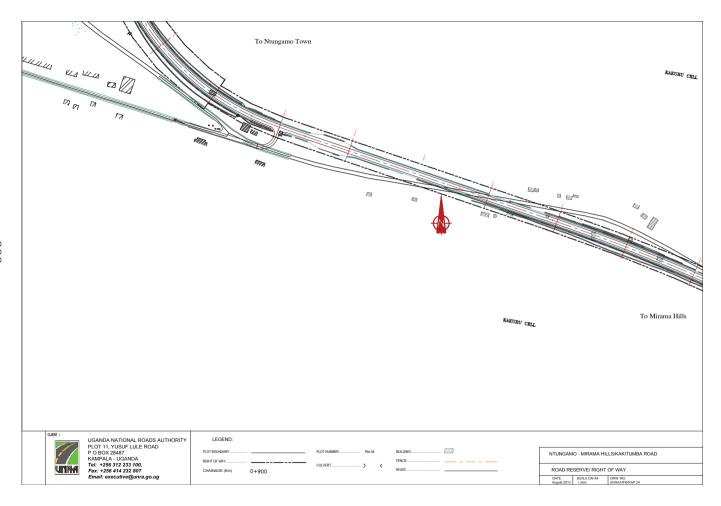


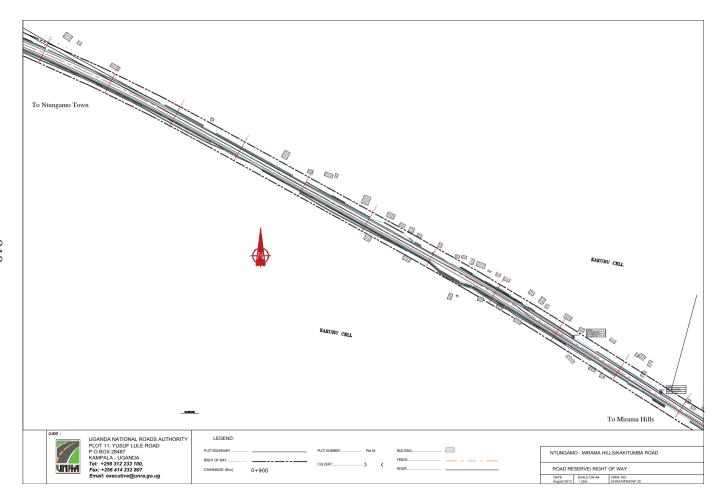


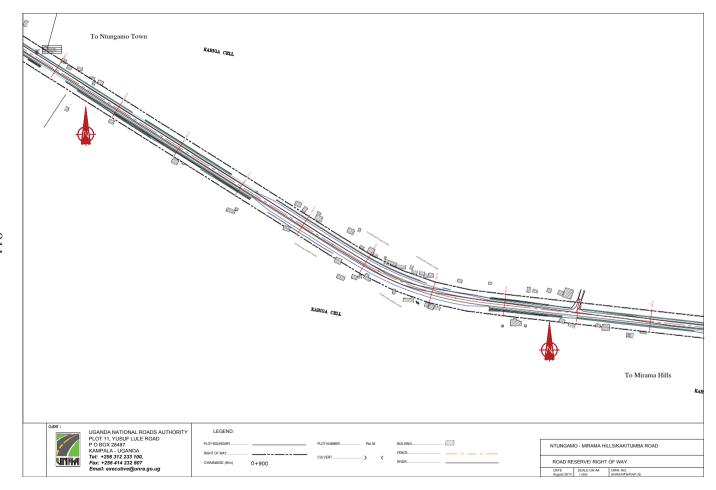


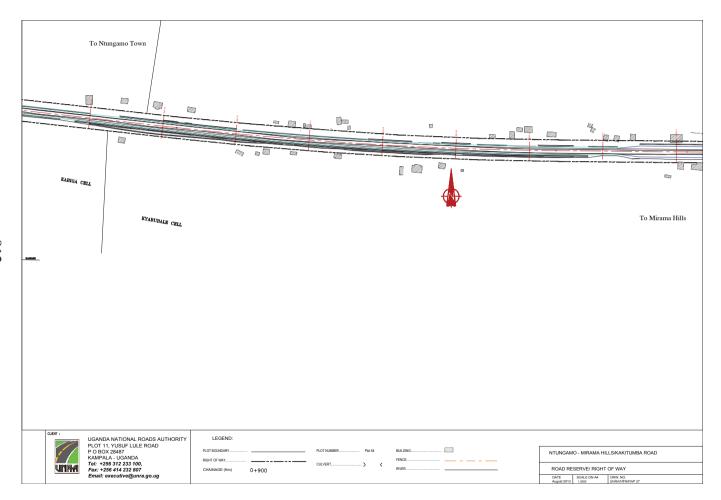


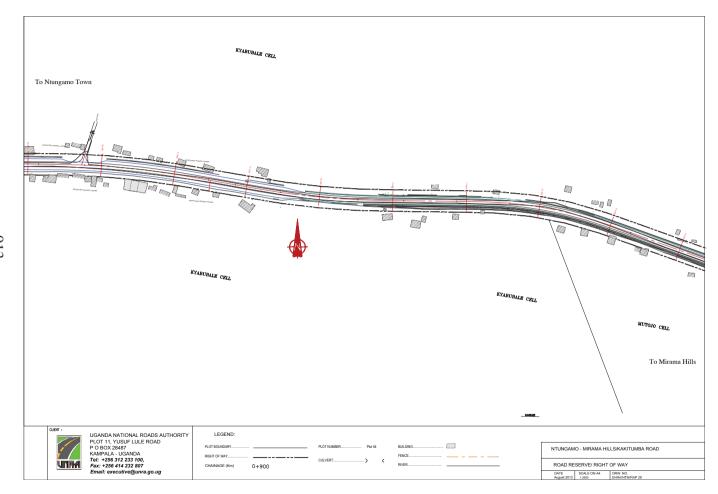


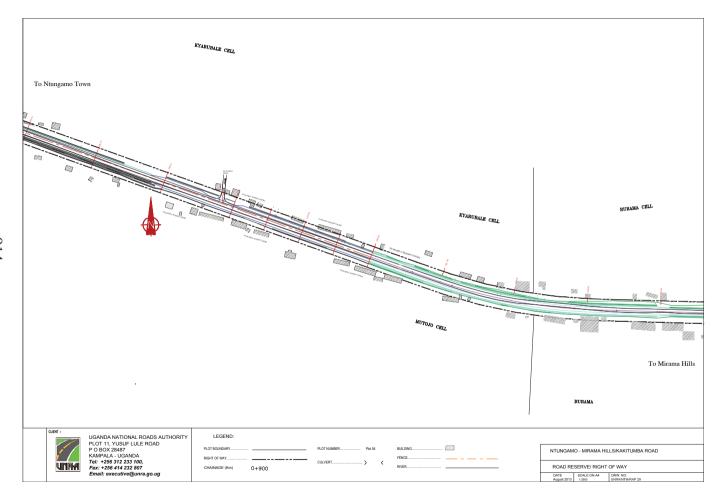


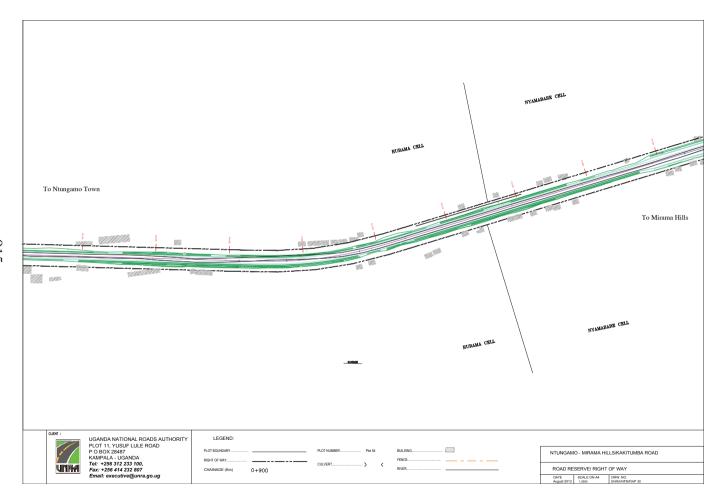


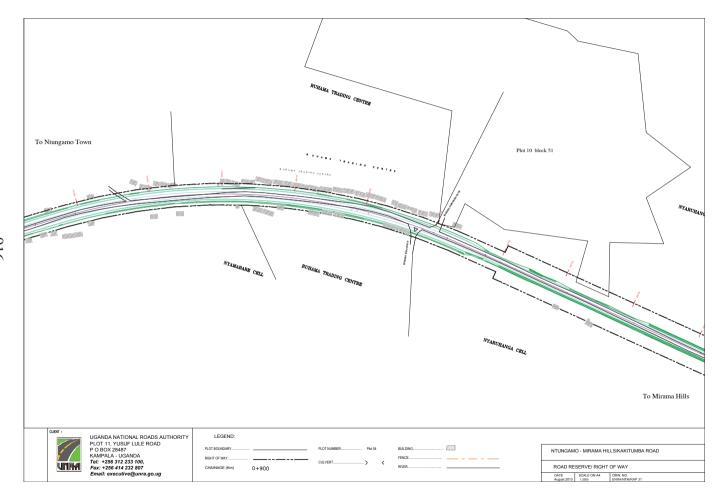


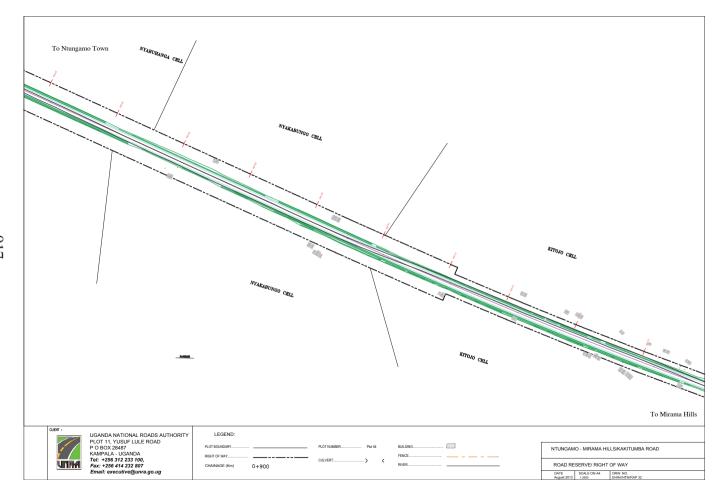


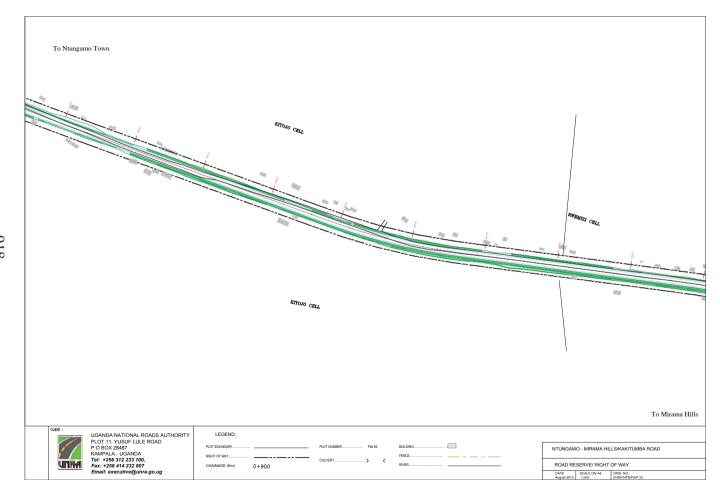


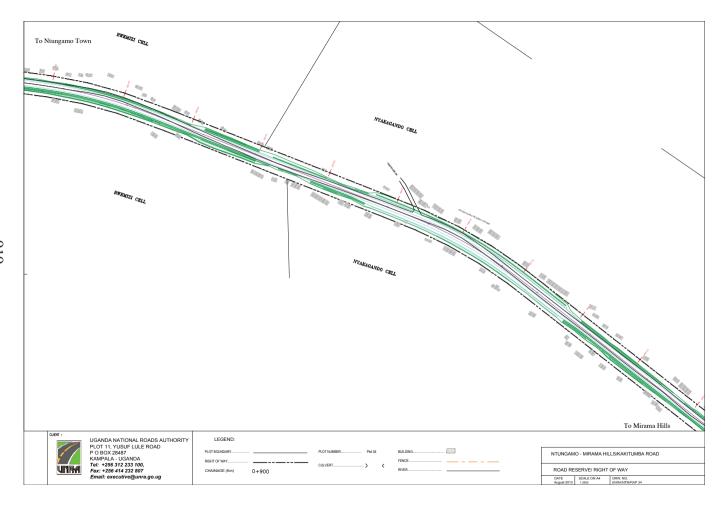


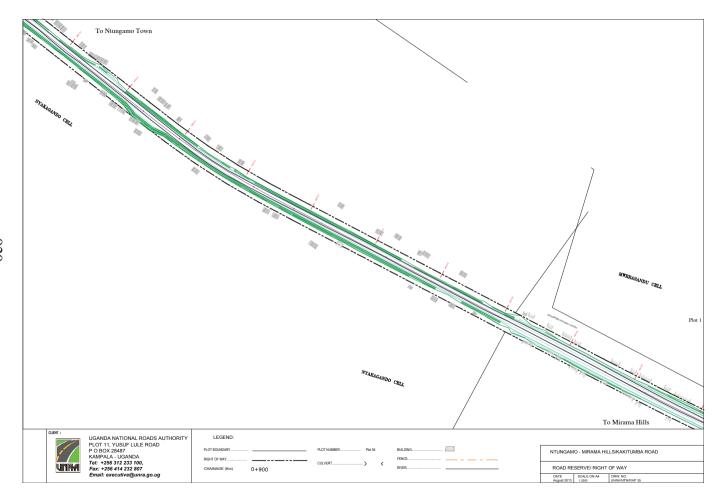


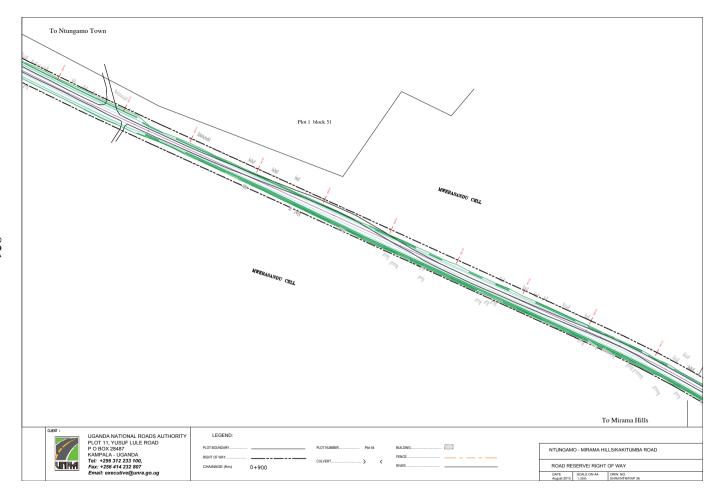


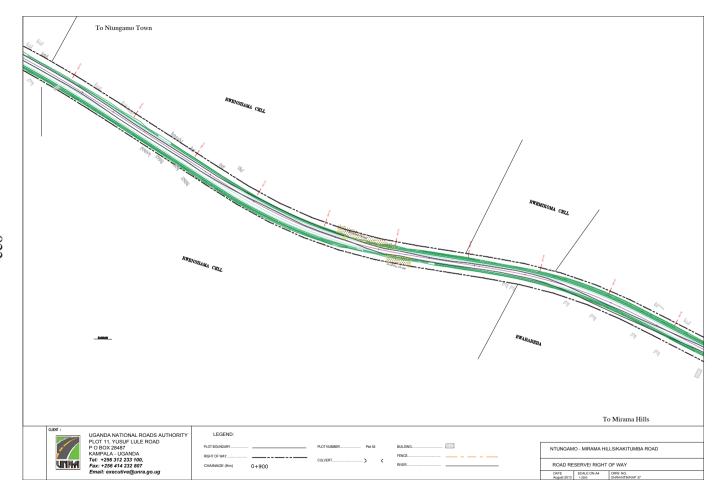


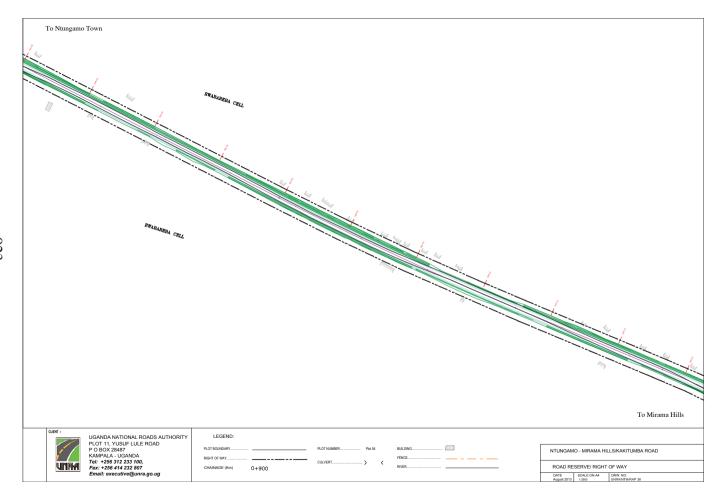


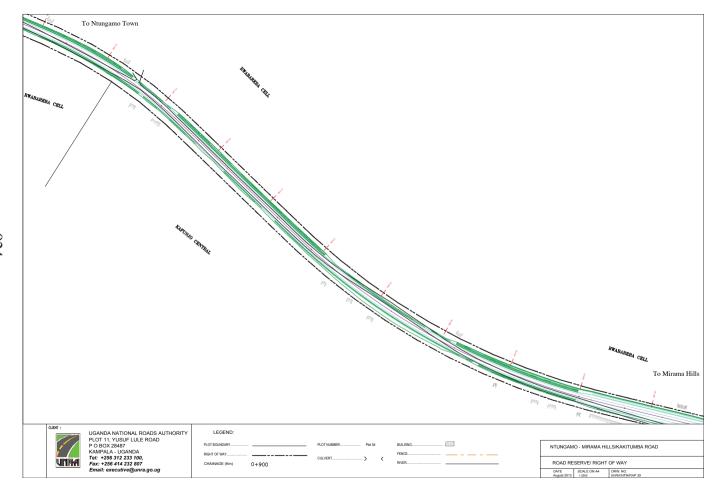


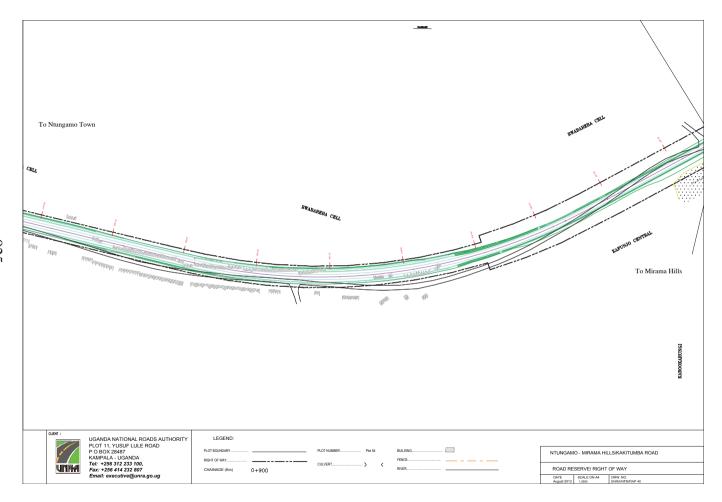


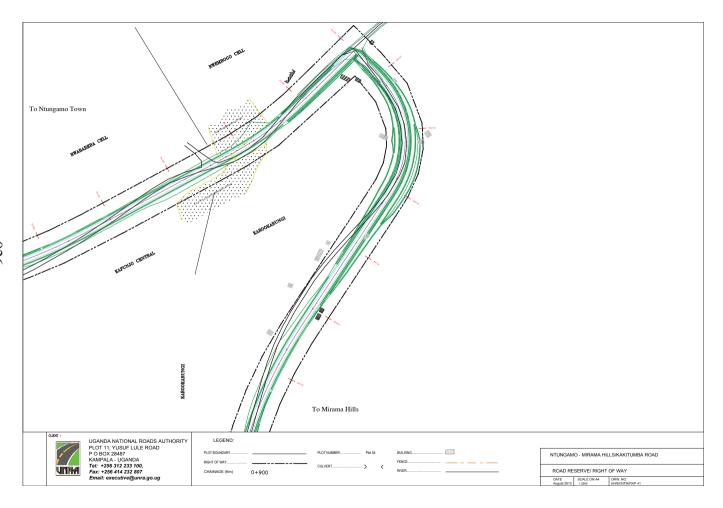


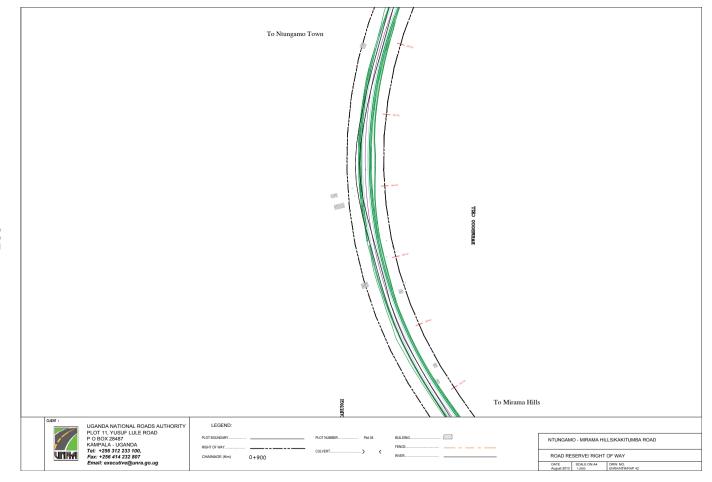


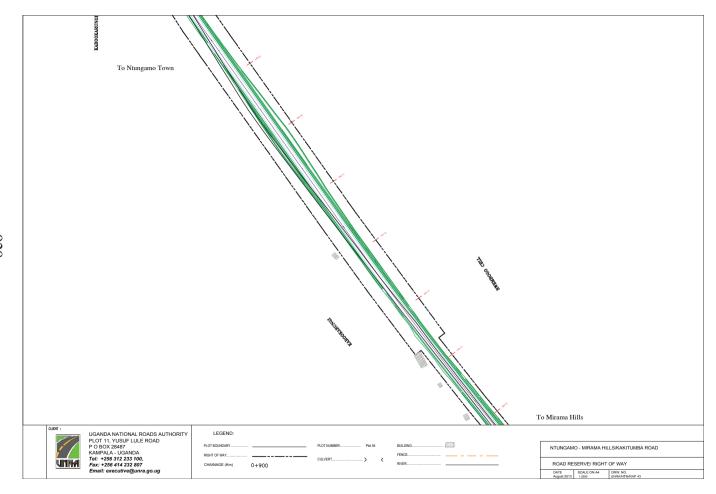


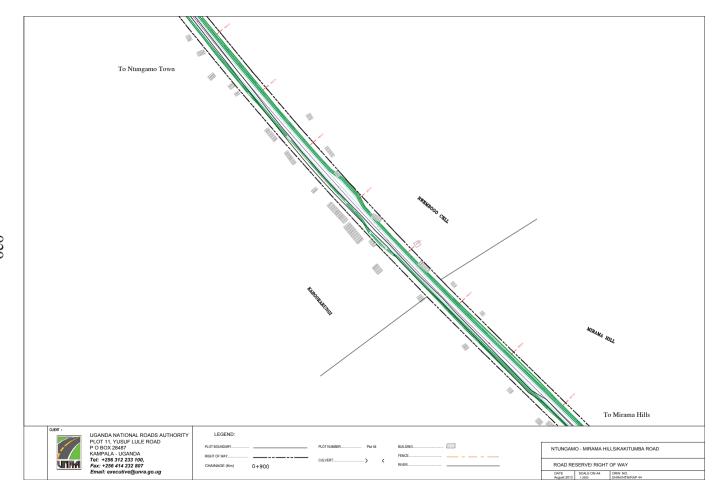


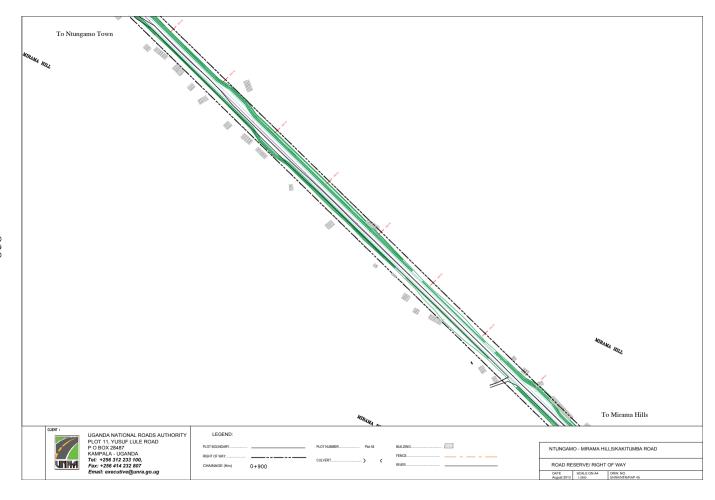


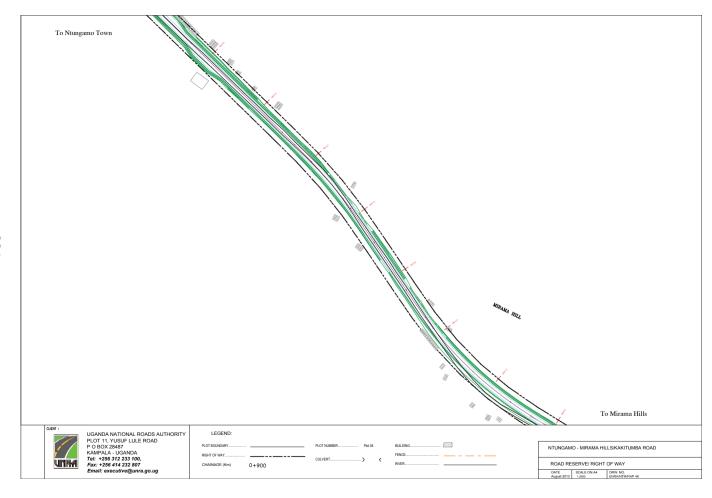


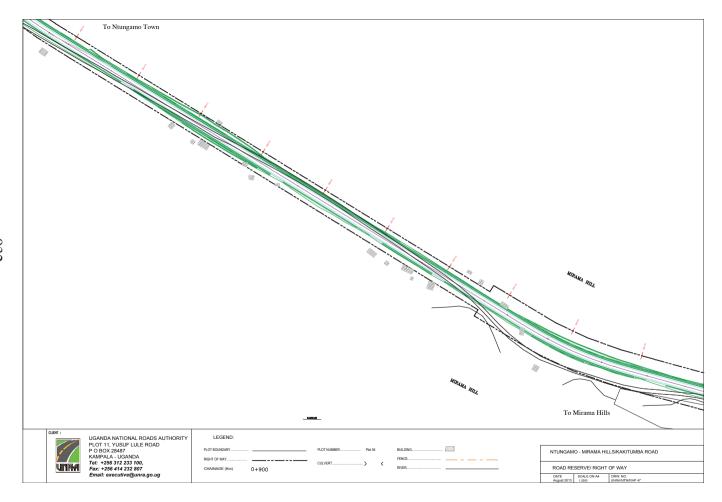


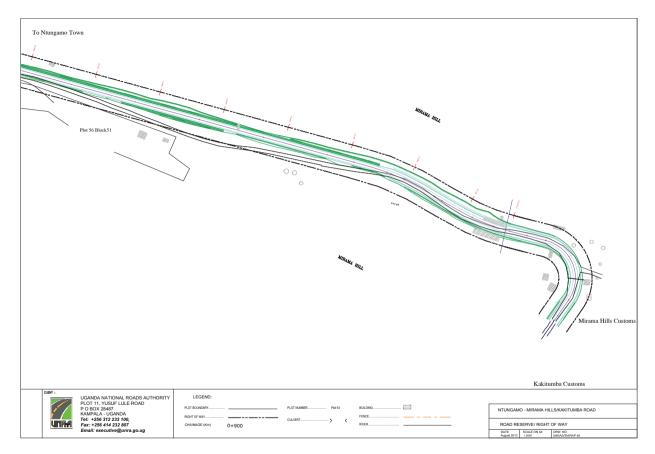












DAUDI MIGEREKO, *Minister of Lands, Housing and Urban Development.*