REPUBLIC OF KENYA

MINISTRY OF INFORMATION, COMMUNICATION AND THE DIGITAL ECONOMY

STATE DEPARTMENT FOR ICT AND DIGITAL ECONOMY

P.O. BOX 30025-00100 NAIROBI

TENDER NO. MICDE/SDICT&DE/ONT/001/2024/2025

TENDER FOR PROVISION OF OPERATION AND MAINTENANCE OF NATIONAL OPTIC FIBER BACKBONE INFRASTRUCTURE PHASE II (NOFBI II) ACTIVE AND PASSIVE EQUIPMENT

Lot 1: Eastern Region

ISSUE DATE: **23rd July 2024**

CLOSING/OPENING DATE: **6th August ,2024 at 10:00AM**

JULY 2024

INVITATION TO TENDER (ITT)

PROCURING ENTITY: MINISTRY OF INFORMATION, COMMUNICATION AND THE DIGITAL ECONOMY
STATE DEPARTMENT FOR ICT AND DIGITAL ECONOMY
P.O. BOX 30025-00100
NAIROBI

CONTRACT NAME AND DESCRIPTION:

TENDER FOR PROVISION OF OPERATION AND MAINTENANCE OF NATIONAL OPTIC FIBER BACKBONE INFRASTRUCTURE PHASE II (NOFBI II) ACTIVE AND PASSIVE EQUIPMENT

Lot 1: Eastern Region

The Tender is composed of 1 lot comprising of the following counties:
Lot 1:
Kwale, Kilifi, Tana River, Lamu, Taita Taveta, Garissa, Wajir, Mandera, Marsabit & Isiolo

1. The State Department for ICT and Digital Economy invites sealed tenders for Tender for Provision Of Operation And Maintenance Of National Optic Fiber Backbone Infrastructure Phase Ii (Nofbi II) Active And Passive Equipment Lot 1: Eastern Region

2. Tendering will be conducted under **Open National Tender** using a standardized tender document. Tendering is open to all eligible, qualified and interested Tenderers..
3. Qualified and interested tenderers may obtain further information and inspect the Tender Documents during office hours *0900 to 1500hours* at the address given below.

4. A completed set of tender documents containing detailed information may be viewed and downloaded from the PPIP website: www.tenders.go.ke OR Ministry of ICT and the Digital Economy website: www.ict .go.ke at no cost. Bidders who download the tender document areadvised to forward their particulars immediately using the Email: ictprocurement@information.go.ke / psict@ict.go.ke to facilitate any further clarification or addendum.

5. Tenders shall be quoted be in Kenya Shillings and shall include all taxes. Tenders shall remain valid for 150 days from the date of opening of tenders

6. Tender Security of **2%** of the total tender sum from a reputable bank registered by the Central Bank of Kenya or Insurance Company Registered by the PPRA

7. Completed tenders must be delivered to the address below on or before **Tuesday 6TH August ,2024 at 10.00 am East African Time.**

8. Electronic Tenders *will not* be permitted.
9. The successful bidder will be awarded a one-year contract renewal for an extra period up to a maximum of two years subject to satisfactory performance.

10. Tenders will be opened immediately after the deadline date and time specified above or any deadline date and time specified later. Tenders will be publicly opened in the presence of the Tenderers' designated representatives who choose to attend at the address below.

11. There will be a Site Survey meeting to be held on **29th July 2024 in Isiolo DCC Office at 10:00 am.**It is during the site survey that the Site survey forms will be signed and stamped.

12. The Tenderer shall chronologically serialize all pages of the tender documents submitted. All Lots under each category should be submitted in its own envelope clearly marked the tender Number and the Lot the bidder is participating in.

13. Late tenders will be rejected.

14. The addresses referred to above are:

A. **Address for obtaining further information and for purchasing tender documents**

State Department for ICT and Digital Economy
Floor Number: 8th Floor Teleposta Towers
P.O Box 30025-00100, Nairobi
ictprocurement@information.go.ke

B. **Address for Submission of Tenders.**

The Principal Secretary
State Department for ICT and Digital Economy
Floor Number: 8th Floor Teleposta Towers
P.O Box 30025-00100, Nairobi
ictprocurement@information.go.ke

C. **Address for Opening of Tenders.**

Ministry of Information Communications and the Digital Economy
State Department for ICT and Digital Economy
P.O Box 30025-00100,GPO. Nairobi
9th Floor Board room at 10.00am
ictprocurement@information.go.ke

[Authorized Official (name, designation, Signature and date)]

Name:……(*Official of the Procuring entity)*

Designation:…… Signature_____

PART 1 - TENDERING PROCEDURES

SECTION I: INSTRUCTIONS TO TENDERERS

A General Provisions

1. Scope of Tender

1.1 The Procuring Entity as defined in the **TDS** invites tenders for supply of goods and, if applicable, any Related Services incidental thereto, as specified in Section V, Supply Requirements. The name, identification, and number of lots (contracts) of this Tender Document are specified in the **TDS**.

1.2 Throughout this tendering document:

a) the term "in writing" means communicated in written form (e.g. by mail, e-mail, fax, including if specified in the **TDS**, distributed or received through the electronic-procurement system used by the Procuring Entity) with proof of receipt;

b) if the context so requires, "singular" means "plural" and vice versa;

c) "Day" means calendar day, unless otherwise specified as "Business Day". A Business Day is any day that is an official working day of the Procuring Entity. It excludes official public holidays.

2. Fraud and Corruption

2.1 The Procuring Entity requires compliance with the provisions of the Public Procurement and Asset Disposal Act, 2015, Section 62 "Declaration not to engage in corruption". The tender submitted by a person shall include a declaration that the person shall not engage in any corrupt or fraudulent practice and a declaration that the person or his or her sub-contractors are not debarred from participating in public procurement proceedings.

2.2 The Procuring Entity requires compliance with the provisions of the Competition Act 2010, regarding collusive practices in contracting. Any tenderer found to have engaged in collusive conduct shall be disqualified and criminal and/or civil sanctions may be imposed. To this effect, Tenders shall be required to complete and sign the "Certificate of Independent Tender Determination" annexed to the Form of Tender.

2.3 Unfair Competitive Advantage - Fairness and transparency in the tender process require that the firms or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to this tender. To that end, the Procuring Entity shall indicate in the **Data Sheet** and make available to all the firms together with this tender document all information that would in that respect give such firm any unfair competitive advantage over competing firms.

3. Eligible Tenderers

3.1 A Tenderer may be a firm that is a private entity, an individual, a state-owned enterprise or institution subject to ITT3.7, or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. Public employees and their close relatives *(spouses, children, brothers, sisters and uncles and aunts)* are not eligible to participate in the tender.

In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Tendering process and, in the event the JV is awarded the Contract, during contract execution. The maximum number of JV members shall be specified in the **TDS.**

3.2 Public Officers of the Procuring Entity, their Spouses, Child, Parent, Brothers or Sister. Child, Parent, Brother or Sister of a Spouse their business associates or agents and firms/organizations in which they have a substantial or controlling interest shall not be eligible to tender or be awarded a contract. Public Officers are also not allowed to participate in any procurement proceedings.

3.3 A Tenderer shall not have a conflict of interest. Any Tenderer found to have a conflict of interest shall be disqualified. A Tenderer may be considered to have a conflict of interest for the purpose of this Tendering process, if the Tenderer:

a) directly or indirectly controls, is controlled by or is under common control with another Tenderer; or
b) receives or has received any direct or indirect subsidy from another Tenderer; or
c) has the same - representative or ownership as another Tenderer; or
d) has a relationship with another Tenderer, directly or through common third parties, that puts it in a position to influence the Tender of another Tenderer, or influence the decisions of the Procuring Entity regarding this Tendering process; or
e) or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods that are the subject of the Tender; or
f) or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity or Procuring Entity for the Contract implementation; or
g) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the **TDS** ITT 1.1 that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or has a close business or family relationship with a professional staff of the Procuring Entity (or of the project implementing agency, who: (i) are directly or indirectly involved in the preparation of the tendering document or specifications of the Contract, and/or the Tender evaluation process of such Contract; or (ii) would be involved in the implementation or supervision of such Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Procuring Entity throughout the Tendering process and execution of the Contract.

3.4 A tenderer shall not be involved in corrupt, coercive, obstructive, collusive or fraudulent practice. A tenderer that is proven to have been involved in any of these practices shall be automatically disqualified.

3.5 A firm that is a Tenderer (either individually or as a JV member) shall not submit more than one Tender, except for permitted alternative Tenders. This includes participation as a subcontractor. Such participation shall result in the disqualification of all Tenders in which the firm is involved. A firm that is not a Tenderer or a JV member, may participate as a subcontractor in more than one Tender. Members of a joint venture may not also make an individual tender, be a subcontractor in a separate tender or be part of another joint venture for the purposes of the same Tender.

3.6 A Tenderer may have the nationality of any country, subject to the restrictions pursuant to ITT3.9. A Tenderer shall be deemed to have the nationality of a country if the Tenderer is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or sub consultants for any part of the Contract including related Services.

3.7 A Tenderer that has been debarred by the PPRA from participating in public procurement shall be ineligible to tender or be awarded a contract. The list of debarred firms and individuals is available from the PPRA's website www.ppra.go.ke

3.8 Tenderers that are state-owned enterprises or institutions may be eligible to compete and be awarded a Contract(s) only if they are (i) a legal public entity of the state Government and/or public administration, (ii) financially autonomous and not receiving any significant subsidies or budget support from any public entity or Government, and (iii) operating under commercial law and vested with legal rights and liabilities similar to any commercial enterprise to enable it compete with firms in the private sector on an equal basis. Public employees and their close relatives are not eligible to participate in the tender.

3.9 Tenderers may be ineligible if their countries of origin (a) as a matter of law or official regulations, Kenya prohibits commercial relations with that country, or(b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, Kenya prohibits any import of goods or contracting for supply of goods or services from that country, or any payments to any country, person, or entity in that country. A tenderer shall provide such documentary evidence of eligibility satisfactory to the Procuring Entity, as the Procuring Entity shall reasonably request.

3.10 Tenderers shall provide the qualification information statement that the tenderer (including all members of a joint venture and subcontractors) is not associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring entity to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods under this Invitation for tenders.

3.11 Where the law requires tenderers to be registered with certain authorities in Kenya, such registration requirements shall be defined in the **TDS**

3.12 The Competition Act of Kenya requires that firms wishing to tender as Joint Venture undertakings which may prevent, distort or lessen competition in provision of services are prohibited unless they are exempt in accordance with the provisions of Section 25 of the Competition Act, 2010. JVs will be required to seek for exemption from the Competition Authority. Exemption shall not be a condition for tender, but it shall be a condition of contract award and signature. A JV tenderer shall be given opportunity to seek such exemption as a condition of award and signature of contract. Application for exemption from the Competition Authority of Kenya may be accessed from the website www.cak.go.ke.

3.13 A Kenyan tenderer shall provide evidence of having fulfilled his/her tax obligations by producing a current tax clearance certificate or tax exemption certificate issued by the Kenya Revenue Authority.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract shall have their origin in any country that is eligible in accordance with ITT 3.9.

4.2 For purposes of this ITT, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" include services such as insurance, installation, training, and initial maintenance.

4.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

4.4 A procuring entity shall ensure that the items listed below shall be sourced from Kenya and there shall be no substitutions from foreign sources. The affected items are:

a) motor vehicles, plant and equipment which are assembled in Kenya;
b) furniture, textile, foodstuffs, oil and gas, information communication technology, steel, cement, leather, agro-processed products, sanitary products, and other goods made in Kenya; or
c) goods manufactured, mined, extracted or grown in Kenya.

4.5 Any goods, works and production processes with characteristics that have been declared by the relevant national environmental protection agency or by other competent authority as harmful to human beings and to the environment shall not be eligible for procurement.

5. Sections of Tendering Document

5.1 The tendering document consist of Parts 1, 2, and 3, which include all the sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITT8.

PART 1: Tendering Procedures

i) Section I - Instructions to Tenderers (ITT)
ii) Section II - Tendering Data Sheet (TDS)
iii) Section III - Evaluation and Qualification Criteria
iv) Section IV - Tendering Forms

PART 2: Supply Requirements

v) Section V - Schedule of Requirements

PART 3: Contract

vi) Section VI - General Conditions of Contract (GCC)

vii) Section VII - Special Conditions of Contract (SCC)

viii) Section VIII- Contract Forms

5.2 The notice of Invitation to Tender or the notice to the prequalified Tenderers issued by the Procuring Entity is not part of the tendering document.

5.3 Unless obtained directly from the Procuring Entity, the Procuring Entity is not responsible for the completeness of the document, responses to requests for clarification, the minutes of the pre-tender meeting (if any), or addenda to the tendering document in accordance with ITT7.

5.4 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tendering document and to furnish with its Tender all information or documentation as is required by the tendering document.

6. Clarification of Tendering Document

6.1 A Tenderer requiring any clarification of the Tender Document shall contact the Procuring Entity in writing at the Procuring Entity's address specified in the **TDS** or raise its enquiries during the pre-Tender meeting if provided for in accordance with ITT 6.4. The Procuring Entity will respond in writing to any request for clarification, provided that such request is received no later than the period specified in the **TDS** prior to the deadline for submission of tenders. The Procuring Entity shall forward copies of its response to all tenderers who have acquired the Tender documents in accordance with ITT 5.3, including a description of the inquiry but without identifying its source. If so specified in the **TDS,** the Procuring Entity shall also promptly publish its response at the web page identified in the **TDS.** Should the clarification result in changes to the essential elements of the Tender Documents, the Procuring Entity shall amend the Tender Documents following the procedure under ITT 7.

6.2 The Procuring Entity shall specify in the **TDS** if a pre-tender conference will be held, when and where. The Tenderer's designated representative is invited to attend a pre-Tender meeting. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.

6.3 The Tenderer is requested to submit any questions in writing, to reach the Procuring Entity not later than the period specified in the **TDS** before the meeting.

6.4 Minutes of the pre-Tender meeting, if applicable, including the text of the questions asked by Tenderers and the responses given, together with any responses prepared after the meeting, will be transmitted promptly to all Tenderers who have acquired the Tender Documents in accordance with ITT 6.3. Minutes shall not identify the source of the questions asked.

6.5 The Procuring Entity shall also promptly publish anonymized (*no names*)Minutes of the pre-Tender meeting at the web page identified **in the TDS**. Any modification to the Tender Documents that may become necessary as a result of the pre-Tender meeting shall be made by the Procuring Entity exclusively through the issue of an Addendum pursuant to ITT 7 and not through the minutes of the pre-Tender meeting. Nonattendance at the pre- Tender meeting will not be a cause for disqualification of a Tenderer.

7. Amendment of Tendering Document

7.1 At any time prior to the deadline for submission of Tenders, the Procuring Entity may amend the tendering document by issuing addenda.

7.2 Any addendum issued shall be part of the tendering document and shall be communicated in writing to all who have obtained the tender document from the Procuring Entity in accordance with ITT 6.3. The Procuring Entity shall also promptly publish the addendum on the Procuring Entity's web page in accordance with ITT 7.1.

7.3 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their Tenders, the Procuring Entity may, at its discretion, extend the deadline for the submission of Tenders, pursuant to ITT 21.2.

C. Preparation of Tenders

8. Cost of Tendering

8.1 The Tenderer shall bear all costs associated with the preparation and submission of its Tender, and the Procuring Entity shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process.

9. Language of Tender

9.1 The Tender, as well as all correspondence and documents relating to the Tender exchanged by the Tenderer and the Procuring Entity, shall be written in English Language**.** Supporting documents and printed literature that are part of the Tender may be in another language provided they are accompanied by an accurate translation of the relevant passages into the English Language**,** in which case, for purposes of interpretation of the Tender, such translation shall govern.

10. Documents Comprising the Tender

10.1 The Tender shall comprise the following:

a) Form of Tender prepared in accordance with ITT11;

b) Price Schedules: completed in accordance with ITT 11 and ITT 13;

c) Tender Security or Tender-Securing Declaration, in accordance with ITT 18.1;

d) Alternative Tender: if permissible, in accordance with ITT12;

e) Authorization: written confirmation authorizing the signatory of the Tender to commit the Tenderer, in accordance with ITT19.3;

f) Qualifications: documentary evidence in accordance with ITT 16.2 establishing the Tenderer qualifications to perform the Contract if its Tender is accepted;

g) Tenderer Eligibility: documentary evidence in accordance with ITT16.1 establishing the Tenderer eligibility to tender;

h) Eligibility of Goods and Related Services: documentary evidence in accordance with ITT 15, establishing the eligibility of the Goods and Related Services to be supplied by the Tenderer;

i) Conformity: documentary evidence in accordance with ITT15.2 that the Goods and Related Services conform to the tender document; and

j) any other document required in the **TDS**.

10.2 In addition to the requirements under ITT 10.1, Tenders submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Tender shall be signed by all members and submitted with the Tender, together with a copy of the proposed Agreement.

10.3 The Tenderer shall furnish in the Form of Tender information on commissions gratuities, and fees, if any, paid or to be paid to agents or any other party relating to this Tender.

11. Form of Tender and Price Schedules

11.1 The Form of Tender and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Tendering Forms. The forms must be completed without any alterations to the text. All blank spaces shall be filled in with the information requested. The Tenderer shall chronologically serialise pages of all tender documents submitted.

12. Alternative Tenders

12.1 Unless otherwise specified **in the TDS,** alternative Tenders shall not be considered.

13. Tender Prices and discounts

13.1 The prices quoted by the Tenderer in the Form of Tender and in the Price, Schedules shall conform to the requirements specified below.

13.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.

13.3 The price to be quoted in the Form of Tender in accordance with ITT10.1 shall be the total price of the Tender, including any discounts offered.

13.4 The Tenderer shall quote any discounts and indicate the methodology for their application in the form of tender. Conditional discounts will be rejected.

13.5 Prices quoted by the Tenderer shall be fixed during the performance of the Contract and not subject to variation on any account, unless otherwise specified **in the TDS.** A Tender submitted with an adjustable price quotation shall be treated as non-responsive and shall be rejected, pursuant to ITT 28. However, if in accordance with **the TDS**, prices quoted by the Tenderer shall be subject to adjustment during the performance of the Contract, a Tender submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.

13.6 If specified in ITT 1.1, Tenders are being invited for individual lots (contracts) or for any combination of lots (packages). Unless otherwise specified **in the TDS,** prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Tenderers wishing to offer discounts for the award of more than one Contract shall specify in their Tender the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITT 13.4 provided the Tenders for all lots (contracts) are opened at the same time.

13.7 The terms EXW, CIP, CIF, DDP and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce.

13.8 Prices shall be quoted as specified in each Price Schedule included in Section IV, Tendering Forms. The disaggregation of price components is required solely for the purpose of facilitating the comparison of Tenders by the Procuring Entity. This shall not in any way limit the Procuring Entity's right to contract on any of the terms offered. In quoting prices, the Tenderer shall be free to use transportation through carriers registered in any eligible country. Similarly, the Tenderer may obtain insurance services from any eligible country in accordance with ITT 3.6, Eligible Tenders. Prices shall be entered in the following manner:

a) For Goods manufactured in Kenya:

I) the price of the Goods quoted EXW (ex-works, ex-factory, ex warehouse, ex showroom, or off-the- shelf, as applicable) final destination point indicated in the **TDS**, including all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

ii) any sales tax and other taxes which will be payable in Kenya on the Goods if the Contract is awarded to the Tenderer; and

iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination specified **in the TDS.**

b) For Goods manufactured outside Kenya, to be imported:

i) the price of the Goods, quoted CIP named place of destination, in Kenya, as specified **in the TDS;**

ii) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination specified **in the TDS;**

c) For Goods manufactured outside Kenya, already imported:

i) the price of the Goods, including the original import value of the Goods; plus, any mark-up (or rebate); plus, any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported;

ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

iii) any sales and other taxes levied in Kenya which will be payable on the Goods if the Contract is awarded to the Tenderer; and

iv) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) specified **in the TDS.**

d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements, the price of each item comprising the Related Services (inclusive of any applicable taxes).

14. Currencies of Tender and Payment

14.1 The currency (ies) of the Tender, the currency (ies) of award and the currency (ies) of contract payments shall be the same**.**

14.2 The Tenderer shall quote in Kenya shillings. If allowed in the **TDS**, the Tenderer may express the Tender price in any currency, provided it shall use no more than two foreign currencies in addition to the Kenya Shilling.

14.3 The rates of exchange to be used by the Tenderer shall be based on the exchange rates provided by the Central Bank of Kenya on the date 30 days prior to the actual date of tender opening.

15. Documents Establishing the Eligibility and Conformity of the Goods and Related Services

15.1 To establish the eligibility of the Goods and Related Services in accordance with ITT 15, Tenderers shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Tendering Forms.

15.2 To establish the conformity of the Goods and Related Services to the tendering document, the Tenderer shall furnish as part of its Tender the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.

15.3 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.

15.4 The Tenderer shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the TDS** following commencement of the use of the goods by the Procuring Entity.

15.5 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Procuring Entity in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Tenderer may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Procuring Entity's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.

16. Documents Establishing the Eligibility and Qualifications of the Tenderer

16.1 To establish Tenderer eligibility in accordance with ITT 4, Tenderers shall complete the Form of Tender, included in Section IV, Tendering Forms.

16.2 The documentary evidence of the Tenderer qualifications to perform the Contract if its Tender is accepted shall establish to the Procuring Entity's satisfaction:

a) that, if required **in the TDS**, a Tenderer that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Tendering Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in Kenya;

b) that, if required **in the TDS**, in case of a Tenderer not doing business within the Kenya, the Tenderer is or will be (if awarded the Contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and

c) that the Tenderer meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.

17. Period of Validity of Tenders

17.1 Tenders shall remain valid for the Tender Validity period specified **in the TDS**. The Tender Validity period starts from the date fixed for the Tender submission deadline (as prescribed by the Procuring Entity in accordance with ITT 21.1). A Tender valid for a shorter period shall be rejected by the Procuring Entity as non-responsive.

17.2 In exceptional circumstances, prior to the expiration of the Tender validity period, the Procuring Entity may request Tenderers to extend the period of validity of their Tenders. The request and the responses shall be made in writing. If a Tender Security is requested in accordance with ITT 18, it shall also be extended for a corresponding period. A Tenderer may refuse the request without forfeiting its Tender Security. A Tenderer granting the request shall not be required or permitted to modify its Tender, except as provided in ITT 17.3.

17.3 If the award is delayed by a period exceeding the number of days to be specified in the **TDS** days beyond the expiry of the initial tender validity period, the Contract price shall be determined as follows:

a) in the case of **fixed price** contracts, the Contract price shall be the tender price adjusted by the factor specified **in the TDS**;

b) in the case of **adjustable price** contracts, no adjustment shall be made; or in any case, tender evaluation shall be based on the tender price without taking into consideration the applicable correction from those indicated above.

18. Tender Security

18.1 The Tenderer shall furnish as part of its Tender, either a Tender-Securing Declaration or a Tender Security, as specified **in the TDS,** in original form and, in the case of a Tender Security**,** in the amount and currency specified **in the TDS.**

18.2 A Tender Securing Declaration shall use the form included in Section IV, Tendering Forms.

18.3 If a Tender Security is specified pursuant to ITT 18.1, the Tender Security shall be a demand guarantee in any of the following forms at the Tenderer option:

i) cash;
ii) a bank guarantee;
iii) a guarantee by an insurance company registered and licensed by the Insurance Regulatory Authority listed by the Authority; or
iv) a letter of credit; or
v) guarantee by a deposit taking micro-finance institution, Sacco society, the Youth Enterprise Development Fund or the Women Enterprise Fund.

18.4 If an unconditional guarantee is issued by a non-Bank financial institution located outside Kenya, the issuing non-Bank financial institution shall have a correspondent financial institution located in Kenya to make it enforceable unless the Procuring Entity has agreed in writing, prior to Tender submission, that a correspondent financial institution is not required. In the case of a bank guarantee, the Tender Security shall be submitted either using the Tender Security Form included in Section IV, Tendering Forms, or in another substantially similar format approved by the Procuring Entity prior to Tender submission. The Tender Security shall be valid for thirty (30) days beyond the original validity period of the Tender, or beyond any period of extension if requested under ITT 17.2.

18.5 If a Tender Security is specified pursuant to ITT 18.1, any Tender not accompanied by a substantially responsive Tender Security shall be rejected by the Procuring Entity as non-responsive.

18.6 If a Tender Security is specified pursuant to ITT 18.1, the Tender Security of unsuccessful Tenderers shall be returned as promptly as possible upon the successful Tenderer signing the Contract and furnishing the Performance Security pursuant to ITT 46.The Procuring Entity shall also promptly return the tender security to the tenderers where the procurement proceedings are terminated, all tenders were determined non-responsive or a bidder declines to extend tender validity period.

18.7 The Tender Security of the successful Tenderer shall be returned as promptly as possible once the successful Tenderer has signed the Contract and furnished the required Performance Security.

18.8 The Tender Security may be forfeited or the Tender Securing Declaration executed:

a) if a Tenderer withdraws its Tender during the period of Tender validity specified by the Tenderer in the Form of Tender, or any extension thereto provided by the Tenderer; or

b) if the successful Tenderer fails to:
   i) sign the Contract in accordance with ITT 45; or
   ii) furnish a Performance Security in accordance with ITT 46.

18.9 Where tender securing declaration is executed, the Procuring Entity shall recommend to the PPRA that PPRA debars the Tenderer from participating in public procurement as provided in the law.

18.10 The Tender Security or Tender- Securing Declaration of a JV must be in the name of the JV that submits the Tender. If the JV has not been legally constituted into a legally enforceable JV at the time of Tendering, the Tender Security or Tender-Securing Declaration shall be in the names of all future members as named in the letter of intent referred to in ITT3.1 and ITT 10.2.

18.11 A tenderer shall not issue a tender security to guarantee itself.

19. Format and Signing of Tender

19.1 The Tenderer shall prepare one original of the documents comprising the Tender as described in ITT 11 and clearly mark it "ORIGINAL." Alternative Tenders, if permitted in accordance with ITT 12, shall be clearly marked "ALTERNATIVE." In addition, the Tenderer shall submit copies of the Tender, in the number **specified in the TDS** and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.

19.2 Tenderers shall mark as "CONFIDENTIAL" information in their Tenders which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.

19.3 The original and all copies of the Tender shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Tenderer. This authorization shall consist of a written confirmation **as specified in the TDS** and shall be attached to the Tender. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Tender where entries or amendments have been made shall be signed or initialed by the person signing the Tender.

19.4 In case the Tenderer is a JV, the Tender shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by each members' legally authorized representatives.

19.5 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Tender.

D. Submission and Opening of Tenders

20 Sealing and Marking of Tenders

20.1 Depending on the sizes or quantities or weight of the tender documents, a tenderer may use an envelope, package or container. The Tenderer shall deliver the Tender in a single sealed envelope, or in a single sealed package, or in a single sealed container bearing the name and Reference number of the Tender, addressed to the Procuring Entity and a warning not to open before the time and date for Tender opening date. Within the single envelope, package or container, the Tenderer shall place the following separate, sealed envelopes:

a) in an envelope or package or container marked "ORIGINAL", all documents comprising the Tender, as described in ITT 11; and
b) in an envelope or package or container marked "COPIES", all required copies of the Tender; and
c) if alternative Tenders are permitted in accordance with ITT 12, and if relevant:
    i) in an envelope or package or container marked "ORIGINAL –ALTERNATIVE TENDER", the alternative Tender; and
    ii) in the envelope or package or container marked "COPIES- ALTERNATIVE TENDER", all required copies of the alternative Tender.

20.2 The inner envelopes or packages or containers shall:

a) bear the name and address of the Procuring Entity.
b) bear the name and address of the Tenderer; and
c) bear the name and Reference number of the Tender.

20.3 Where a tender package or container cannot fit in the tender box, the procuring entity shall:

a) Specify in the **TDS where** such documents should be received.
b) maintain a record of tenders received and issue acknowledgement receipt note to each tenderer specifying time and date of receipt.
c) Ensure all tenders received are handed over to the tender opening committee for opening at the specified opening place and time.

20.4 If an envelope or package or container is not sealed and marked as required, the *Procuring Entity* will assume no responsibility for the misplacement or premature opening of the Tender. Tenders misplaced or opened prematurely will not be accepted.

21. Deadline for Submission of Tenders

21.1 Tenders must be received by the Procuring Entity at the address and no later than the date and time

specified **in the TDS.** When so specified **in the TDS**, Tenderers shall have the option of submitting their Tenders electronically. Tenderers submitting Tenders electronically shall follow the electronic Tender submission procedures **specified in the TDS**.

21.2 The Procuring Entity may, at its discretion, extend the deadline for the submission of Tenders by amending the tendering document in accordance with ITT7, in which case all rights and obligations of the Procuring Entity and Tenderers previously subject to the deadline shall thereafter be subject to the deadline as extended.

22. Late Tenders

22.1 The Procuring Entity shall not consider any Tender that arrives after the deadline for submission of Tenders. Any Tender received by the Procuring Entity after the deadline for submission of Tenders shall be declared late, rejected, and returned unopened to the Tenderer.

23. Withdrawal, Substitution, and Modification of Tenders

23.1 A Tenderer may withdraw, substitute, or modify its Tender after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization (the power of attorney) in accordance with ITT19.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Tender must accompany the respective written notice. All notices must be:

a) prepared and submitted in accordance with ITT 20 and 21 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION;" and
b) received by the Procuring Entity prior to the deadline prescribed for submission of Tenders, in accordance with ITT 22.

23.3 Tenders requested to be withdrawn in accordance with ITT 23.1 shall be returned unopened to the Tenderers.

23.4 No Tender may be withdrawn, substituted, or modified in the interval between the deadline for submission of Tenders and the expiration of the period of Tender validity specified by the Tenderer on the Form of Tender or any extension thereof.

24. Tender Opening

24.1 Except as in the cases specified in ITT 23, the Procuring Entity shall, at the Tender opening, publicly open and read out all Tenders received by the deadline at the date, time and place specified **in the TDS** in the presence of Tenderers' designated representatives who choose to attend, including to attend any specific electronic tender opening procedures if electronic tendering is permitted in accordance with ITT 21.1, shall be as specified **in the TDS.**

24.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding Tender shall not be opened, but returned to the Tenderer. If the withdrawal envelope does not contain a copy of the "power of attorney" confirming the signature as a person duly authorized to sign on behalf of the Tenderer, the corresponding Tender will be opened. No Tender withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at Tender opening.

24.3 Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Tender being substituted, and the substituted Tender shall not be opened, but returned to the Tenderer. No Tender substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Tender opening.

24.4 Next, envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Tender. No Tender modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Tender opening.

24.5 Next, all remaining envelopes shall be opened one at a time, reading out: the name of the Tenderer and whether there is a modification; the total Tender Prices, per lot (contract) if applicable, including any discounts and alternative Tenders; the presence or absence of a Tender Security, if required; and any other details as the Procuring Entity may consider appropriate.

24.6 Only Tenders, alternative Tenders and discounts that are opened and read out at Tender opening shall be considered further for evaluation. The Form of Tender and pages of the Bills of Quantities are to be initialed by the members of the tender opening committee attending the opening. The number of representatives of the Procuring Entity to sign shall be specified in the **TDS.**

24.7 The Procuring Entity shall neither discuss the merits of any Tender nor reject any Tender (except for late Tenders, in accordance with ITT 22.1).

24.8 The Procuring Entity shall prepare a record of the Tender opening that shall include, as a minimum:
a) the name of the Tenderer and whether there is a withdrawal, substitution, or modification;
b) the Tender Price, per lot (contract) if applicable, including any discounts;
c) any alternative Tenders;
d) the presence or absence of a Tender Security or Tender-Securing Declaration, if one was required;
e) number of pages of each tender document submitted.

24.9 The Tenderers' representatives who are present shall be requested to sign the record. The omission of a Tenderer signature on the record shall not invalidate the contents and effect of the record. A copy of the tender opening register shall be issued to a Tenderer upon request.

E. Evaluation and Comparison of Tenders

25. Confidentiality

25.1 Information relating to the evaluation of Tenders and recommendation of contract award, shall not be disclosed to Tenderers or any other persons not officially concerned with the tendering process until the information on Intention to Award the Contract is transmitted to all Tenderers in accordance with ITT 41.

25.2 Any effort by a Tenderer to influence the Procuring Entity in the evaluation or contract award decisions may result in the rejection of its Tender.

25.3 Notwithstanding ITT 25.2, from the time of Tender opening to the time of Contract Award, if any Tenderer wishes to contact the Procuring Entity on any matter related to the Tendering process, it should do so in writing.

26. Clarification of Tenders

26.1 To assist in the examination, evaluation, comparison of the Tenders, and qualification of the Tenderers, the Procuring Entity may, at its discretion, ask any Tenderer for a clarification of its Tender. Any clarification submitted by a Tenderer in respect to its Tender and that is not in response to a request by the Procuring Entity shall not be considered. The Procuring Entity's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Tender shall be sought, offered, or permitted except to confirm the correction of arithmetic errors discovered by the Procuring Entity in the Evaluation of the Tenders, in accordance with ITT 30.

If a Tenderer does not provide clarifications of its Tender by the date and time set in the Procuring Entity's request for clarification, its Tender may be rejected.

27. Deviations, Reservations, and Omissions

27.1 During the evaluation of Tenders, the following definitions apply:

a) "Deviation" is a departure from the requirements specified in the Tendering document;

b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the tendering document; and

c) "Omission" is the failure to submit part or all of the information or documentation required in the tendering document.

28. Determination of Responsiveness

28.1 The Procuring Entity's determination of a Tender's responsiveness is to be based on the contents of the Tender itself, as defined in ITT28.2.

28. A substantially responsive Tender is one that meets the requirements of the tendering document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

a) if accepted, would:

i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

ii) limit in any substantial way, inconsistent with the tendering document, the Procuring Entity's rights or the Tenderer obligations under the Contract; or

b) if rectified, would unfairly affect the competitive position of other Tenderers presenting substantially responsive Tenders.

28.2 The Procuring Entity shall examine the technical aspects of the Tender submitted in accordance with ITT 15 and ITT 16, in particular, to confirm that all requirements of Section VII, Schedule of Requirements have been met without any material deviation or reservation, or omission.

28.3 If a Tender is not substantially responsive to the requirements of tendering document, it shall be rejected by the Procuring Entity and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

29. Non-conformities, Errors and Omissions

29.1 Provided that a Tender is substantially responsive, the Procuring Entity may waive any non-conformities in the Tender.

29.2 Provided that a Tender is substantially responsive, the Procuring Entity may request that the Tenderer submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial non- conformities or omissions in the Tender related to documentation requirements. Such omission shall not be related to any aspect of the price of the Tender. Failure of the Tenderer to comply with the request may result in the rejection of its Tender.

29.3 Provided that a Tender is substantially responsive, the Procuring Entity shall rectify quantifiable nonmaterial non-conformities related to the Tender Price. To this effect, the Tender Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component in the manner specified **in the TDS**. The adjustment shall be based on the ***average*** price of the item or component as quoted in other substantially responsive Tenders. If the price of the item or component cannot be derived from the price of other substantially responsive Tenders, the Procuring Entity shall use its best estimate.

30. Arithmetical Errors

30.1 The tender sum as submitted and read out during the tender opening shall be absolute and final and shall not be the subject of correction, adjustment or amendment in any way by any person or entity.

30.2 Provided that the Tender is substantially responsive, the Procuring Entity shall handle errors on the following basis:

a) Any error detected if considered a major deviation that affects the substance of the tender, shall lead to disqualification of the tender as non-responsive .

b) Any errors in the submitted tender arising from a miscalculation of unit price, quantity, subtotal and total bid price shall be considered as a major deviation that affects the substance of the tender and shall lead to disqualification of the tender as non-responsive. and

c) if there is a discrepancy between words and figures, the amount in words shall prevail.

30.3 Tenderers shall be notified of any error detected in their bid during the notification of a ward.

31. Conversion to Single Currency

31.1 For evaluation and comparison purposes, the currency(ies) of the Tender shall be converted in a single currency as specified **in the TDS.**

32. Margin of Preference and Reservations

32.1 A margin of preference may be allowed on locally manufactured goods only when the contract is open to international tendering, where the tender is likely to attract foreign goods and where the contract exceeds the threshold specified in the Regulations.

32.2 For purposes of granting a margin of preference on locally manufactured goods under international competitive tendering, a procuring entity shall not subject the items listed below to international tender and hence no margin of preference shall be allowed. The affected items are:

a) motor vehicles, plant and equipment which are assembled in Kenya;

b) furniture, textile, foodstuffs, oil and gas, information communication technology, steel, cement, leather agro-processing, sanitary products, and other goods made in Kenya; or

c) goods manufactured, mined, extracted or grown in Kenya.

32.3 A margin of preference shall not be allowed unless it is specified so in the **TDS**.

32.4 Contracts procured on basis of international competitive tendering shall not be subject to reservations to specific groups s as provided in ITT 32.5.

32.5 Where it is intended to reserve a contract to a specific group of businesses (these groups are Small and Medium Enterprises, Women Enterprises, Youth Enterprises and Enterprises of persons living with disability, as the case may be), and who are appropriately registered as such by the authority to be specified in the **TDS**, a procuring entity shall ensure that the invitation to tender specifically indicates that only businesses or firms belonging to the specified group are eligible to tender as specified in the **TDS**. No tender shall be reserved to more than one group. If not so stated in the Tender documents, the invitation to tender will be open to all interested tenderers.

33. Evaluation of Tenders

33.1 The Procuring Entity shall use the criteria and methodologies listed in this ITT and Section III, Evaluation and Qualification criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies, the Procuring Entity shall determine the Lowest Evaluated Tender. This is the Tender of the Tenderer that meets the qualification criteria and whose Tender has been determined to be:

a) substantially responsive to the tender documents; and

b) the lowest evaluated price.

33.2 Price evaluation will be done for Items or Lots (contracts), as specified **in the TDS;** and the Tender Price as quoted in accordance with ITT 14. To evaluate a Tender, the Procuring Entity shall consider the following:

a) price adjustment due to unconditional discounts offered in accordance with ITT 13.4;
b) converting the amount resulting from applying (a) and (b) above, if relevant, to a single currency in accordance with ITT 31;
c) price adjustment due to quantifiable nonmaterial non-conformities in accordance with ITT 29.3; and
d) any additional evaluation factors specified **in the TDS** and Section III, Evaluation and Qualification Criteria.

33.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be considered in Tender evaluation.

33.4 Where the tender involves multiple lots or contracts, the tenderer will be allowed to tender for one or more lots (contracts). Each lot or contract will be evaluated in accordance with ITT 33.2. The methodology to determine the lowest evaluated tenderer or tenderers based one lot (contract) or based on a combination of lots (contracts), will be specified in Section III, Evaluation and Qualification Criteria. In the case of multiple lots or contracts, tenderer will be will be required to prepare the Eligibility and Qualification Criteria Form for each Lot.

33.5 The Procuring Entity's evaluation of a Tender will include and consider:

a) in the case of Goods manufactured in Kenya, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Tenderer;

b) in the case of Goods manufactured outside Kenya, already imported or to be imported, customs duties and other import taxes levied on the imported Good, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Tenderer;

33.6 The Procuring Entity's evaluation of a Tender may require the consideration of other factors, in addition to the Tender Price quoted in accordance with ITT 14. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of Tenders, unless otherwise specified in the **TDS** from amongst those set out in Section III, Evaluation and Qualification Criteria. The additional criteria and methodologies to be used shall be as specified in ITT 33.2(d).

34. Comparison of Tenders

34.1 The Procuring Entity shall compare the evaluated costs of all substantially responsive Tenders established in accordance with ITT 33.2 to determine the Tender that has the lowest evaluated cost. The comparison shall be on the basis of total cost (place of final destination) prices for all goods and all prices, plus cost of inland transportation and insurance to place of destination, for goods manufactured within the Kenya, together with prices for any required installation, training, commissioning and other services.

35. Abnormally Low Tenders

35.1 An Abnormally Low Tender is one where the Tender price, in combination with other constituent elements of the Tender, appears unreasonably low to the extent that the Tender price raises material concerns with the Procuring Entity as to the capability of the Tenderer to perform the Contract for the offered Tender price.

35.2 In the event of identification of a potentially Abnormally Low Tender by the evaluation committee, the Procuring Entity shall seek written clarification from the Tenderer, including a detailed price analyses of its Tender price in relation to the subject matter of the contract, scope, delivery schedule, allocation of risks and responsibilities and any other requirements of the tendering document.

35.3 After evaluation of the price analysis, in the event that the Procuring Entity determines that the Tenderer has failed to demonstrate its capability to perform the contract for the offered Tender price, the Procuring Entity shall reject the Tender.

36. Abnormally High Tenders

36.4 An abnormally high price is one where the tender price, in combination with other constituent elements of the Tender, appears unreasonably too high to the extent that the Procuring Entity is concerned that it (the Procuring Entity) may not be getting value for money or it may be paying too high a price for the contract compared with market prices or that genuine competition between Tenderers is compromised.

36.5 In case of an abnormally high tender price, the Procuring Entity shall make a survey of the market prices, check if the estimated cost of the contract is correct and review the Tender Documents to check if the specifications, scope of work and conditions of contract are contributory to the abnormally high tenders. The Procuring Entity may also seek written clarification from the tenderer on the reason for the high tender price. The Procuring Entity shall proceed as follows:

i) If the tender price is abnormally high based on wrong estimated cost of the contract, the Procuring Entity may accept or not accept the tender depending on the Procuring Entity's budget considerations.

ii) If specifications, scope of work and/or conditions of contract are contributory to the abnormally high tender prices, the Procuring Entity shall reject all tenders and may retender for the contract based on revised estimates, specifications, scope of work and conditions of contract, as the case may be.

36.6 If the Procuring Entity determines that the Tender Price is abnormally too high because genuine competition between tenderers is compromised (*often due to collusion, corruption or other manipulations*), the Procuring Entity shall reject all Tenders and shall institute or cause relevant Government Agencies to institute an investigation on the cause of the compromise, before retendering.

37. Post-Qualification of the Tenderer

37.1 The Procuring Entity shall determine, to its satisfaction, whether the eligible Tenderer that is selected as having submitted the lowest evaluated cost and substantially responsive Tender, meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.

37.2 The determination shall be based upon an examination of the documentary evidence of the Tenderer qualifications submitted by the Tenderer, pursuant to ITT 15 and 16. The determination shall not take into consideration the qualifications of other firms such as the Tenderer subsidiaries, parent entities, affiliates, subcontractors (other than specialized subcontractors if permitted in the tendering document), or any other firm(s) different from the Tenderer.

37.3 An affirmative determination shall be a prerequisite for award of the Contract to the Tenderer. A negative determination shall result in disqualification of the Tender, in which event the Procuring Entity shall proceed to the Tenderer who offers a substantially responsive Tender with the next lowest evaluated cost to make a similar determination of that Tenderer qualifications to perform satisfactorily.

38. Lowest Evaluated Tender

38.1 Having compared the evaluated prices of Tenders, the Procuring Entity shall determine the Lowest Evaluated Tender. The Lowest Evaluated Tender is the Tender of the Tenderer that meets the Qualification Criteria and whose Tender has been determined to be:

a) most responsive to the Tender document; and
b) the lowest evaluated price.

39. Procuring Entity's Right to Accept Any Tender, and to Reject Any or All Tenders.

39.1 The Procuring Entity reserves the right to accept or reject any Tender, and to annul the Tendering process and reject all Tenders at any time prior to notification Award, without thereby incurring any liability to Tenderers. In case of annulment, all Tenderers shall be notified with reasons and all Tenders submitted and specifically, tender securities, shall be promptly returned to the Tenderers.

F. Award of Contract

40. Award Criteria

40.1 The Procuring Entity shall award the Contract to the successful tenderer whose tender has been determined to be the Lowest Evaluated Tender in accordance with procedures in Section 3: Evaluation and Qualification Criteria.

41. Procuring Entity's Right to Vary Quantities at Time of Award

41.1 The Procuring Entity reserves the right at the time of Contract award to increase or decrease, by the percentage (s) for items as indicated **in the TDS.**

42. Notice of Intention to enter into a Contract

Upon award of the contract and Prior to the expiry of the Tender Validity Period the Procuring Entity shall issue a Notification of Intention to Enter into a Contract / Notification of award to all tenderers which shall contain, at a minimum, the following information:

a) the name and address of the Tenderer submitting the successful tender;

b) the Contract price of the successful tender;

c) a statement of the reason(s) the tender of the unsuccessful tenderer to whom the letter is addressed was unsuccessful, unless the price information in (c) above already reveals the reason;

d) the expiry date of the Standstill Period; and

e) instructions on how to request a debriefing and/or submit a complaint during the standstill period;

43. Standstill Period

43.1 The Contract shall not be awarded earlier than the expiry of a Standstill Period of 14 days to allow any dissatisfied candidate to launch a complaint. Where only one Tender is submitted, the Standstill Period shall not apply.

43.2 Where standstill period applies, it shall commence when the Procuring Entity has transmitted to each Tenderer the Notification of Intention to Enter into a Contract to the successful Tenderer.

44. Debriefing by the Procuring Entity

44.1 On receipt of the Procuring Entity's Notification of Intention to Enter into a Contract referred to in ITT 41, an unsuccessful tenderer may make a written request to the Procuring Entity for a debriefing on specific issues or concerns regarding their tender. The Procuring Entity shall provide the debriefing within five days of receipt of the request.

44.2 Debriefings of unsuccessful Tenderers may be done in writing or verbally. The Tenderer shall bear its own costs of attending such a debriefing meeting.

45. Letter of Award

Prior to the expiry of the Tender Validity Period and upon expiry of the Standstill Period specified in ITT 42, upon addressing a complaint that has been filed within the Standstill Period, the Procuring Entity shall transmit the Letter of Award to the successful Tenderer. The letter of award shall request the successful tenderer to furnish the Performance Security within 21days of the date of the letter.

46. Signing of Contract

46.1 Upon the expiry of the fourteen days of the Notification of Intention to enter into contract and upon the parties meeting their respective statutory requirements, the Procuring Entity shall send the successful Tenderer the Contract Agreement.

46.2 Within fourteen (14) days of receipt of the Contract Agreement, the successful Tenderer shall sign, date, and return it to the Procuring Entity.

46.3 The written contract shall be entered into within the period specified in the notification of award and before expiry of the tender validity period.

47. Performance Security

47.1 Within twenty-one (21) days of the receipt of Letter of Acceptance from the Procuring Entity, the successful Tenderer, if required, shall furnish the Performance Security in accordance with the GCC 18, using for that purpose the Performance Security Form included in Section X, Contract Forms. If the Performance Security furnished by the successful Tenderer is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Tenderer to be acceptable to the Procuring Entity. A foreign institution providing a bond shall have a correspondent financial institution located in Kenya, unless the Procuring Entity has agreed in writing that a correspondent financial institution is not required.

47.2 Failure of the successful Tenderer to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Tender Security. In that event the Procuring Entity may award the Contract to the Tenderer offering the next lowest Evaluated Tender.

47.3 Performance security shall not be required for a contract, if so specified in the **TDS**.

48. Publication of Procurement Contract

48.1 Within fourteen days after signing the contract, the Procuring Entity shall publish and publicize the awarded contract at its notice boards, entity website; and on the Website of the Authority in manner and format prescribed by the Authority. At the minimum, the notice shall contain the following information:

a) name and address of the Procuring Entity;
b) name and reference number of the contract being awarded, a summary of its scope and the selection method used;
c) the name of the successful Tenderer, the final total contract price, the contract duration.
d) dates of signature, commencement and completion of contract;
e) names of all Tenderers that submitted Tenders, and their Tender prices as read out at Tender opening;

49. Procurement Related Complaints and Administrative Review

49.1 The procedures for making a Procurement-related Complaint are as specified in the **TDS**.

49.2 A request for administrative review shall be made in the form provided under contract forms.

SECTION II – TENDER DATA SHEET (TDS)

The following specific data shall complement, supplement, or amend the provisions in the Instructions to Tenderers (ITT). Whenever there is a conflict, the provisions herein shall prevail over those in ITT.

ITT Reference	Particulars Of Appendix To Instructions To Tenders
A. General	
ITT 1.1	The reference number of the Request for Tenders is: **MICDE/SDICT&DE/ONT/001/2024/2025** The Procuring Entity is: **STATE DEPARTMENT FOR ICT AND DIGITAL ECONOMY** The name of the ITT is: **TENDER FOR PROVISION OF OPERATION AND MAINTENANCE OF NATIONAL OPTIC FIBER BACKBONE INFRASTRUCTURE PHASE II (NOFBI II) ACTIVE AND PASSIVE EQUIPMENT** **The Tender is composed of 1 lot comprising of the following counties:** Kwale, Kilifi, Tana River, Lamu, Taita Taveta, Garissa, Wajir, Mandera, Marsabit & Isiolo
ITT 1.2(a)	**Electronic –Procurement System** The Procuring Entity shall use the following electronic-procurement system to manage this Tendering process**: IFMIS SYSTEM at the Point of Local Purchase Order** Generation The electronic-procurement system shall be used to manage the following aspects of the Tendering process: **To generate a Local Purchase Order**
ITT 3.1	Maximum number of members in the Joint Venture (JV) shall be:: **NOT APPLICABLE**
ITT 3.7	A list of debarred firms and individuals is available on the PPRA's website: www.ppra.go.ke
ITT 3.11	The Procuring Entity may require tenderers to be registered with **N / A**
	B. Contents of Tendering Document
ITT 6.1	For **Clarification of Tender purposes** only, the Procuring Entity's address is: Attention: **Head Of Supply Chain Management Services** Address: **P. O. BOX 30025-00100 NAIROBI** Floor/ Room number*:* **Teleposta Towers ,8th Floor Office K8-*3*** City: ***Nairobi*** ZIP Code:**00200** Country: Kenya Electronic mail address: *ict procurement @information.go.ke* Requests for clarification should be received by the Procuring Entity no later than: **2nd August ,2024**
ITT 6.2	A pre-tender conference will **not be held**
ITT 6.3	The questions to reach the Procuring Entity not later than: **2nd August ,2024**
ITT 8.4	A site visit conducted by the Procuring Entity to the site **SHALL BE** carried out on the following dates: **Isiolo on July 29th 2024 at 10.00am.**
	C. Preparation of Tenders
ITT 10 (j)	The Tenderer shall submit the following additional documents in its Tender: **AS INDICATED IN THE EVALUATION CRITERIA IN SECTION III**
ITT 12.1	Alternatives to the Time Schedules **shall not be** permitted.

ITT Reference	Particulars Of Appendix To Instructions To Tenders
	If alternatives to the Time Schedule are permitted, the evaluation method will be as specified in Section III, Evaluation and Qualification Criteria.
ITT 13.5	The prices quoted by the Tenderer **shall not** be subject to adjustment during the performance of the Contract.
ITT 13.8 (a) (i) and (iii)	Place of final destination: **MINISTRIES, DEPARTMENTS AND STATE COOPERATIONS**
ITT 14.2	Foreign currency requirements **not be allowed.**
ITT 15.4	Period of time the Goods are expected to be functioning (for the purpose of spare parts): ***warranty for 1 years***
ITT 16.2 (a)	Manufacturer's authorization is: ***required***
ITT 16.2 (b)	After sales service is: ***not required***
ITT 17.1	The Tender validity period shall be ***150*** days.
ITT 18.1	***[If a Tender Security shall be required, a Tender-Securing Declaration shall not be required, and vice versa.]*** A Tender-Security ***shall be*** required. If a Tender Security shall be required, the amount and currency of the Tender Security shall be for an amount of **2% of the TOTAL TENDER SUM FROM A REPUTABLE BANK RECOGNIZED BY THE CENTRAL BANK OF KENYA OR FROM AN INSURANCE COMPANY REGISTERED BY THE PPRA**
ITT 18.2 (a)	In addition to the topics described in ITT the Preliminary Project Plan submitted by the Tenderer must address the following topics:) ***Project Organization and Management Sub-Plan, including management authorities, Personnel responsibilities, and contacts, as well as task involved, time taken, resource required, bound schedules (in GANTT format);*** i) ***Implementation Sub-Plan;*** ii) ***Training Sub-Plan;*** v) ***Testing and Quality Assurance Sub-Plan;*** ***Warranty Defect Repair and Technical Support Service Sub-Plan***
ITT 19.1	In addition to the original of the Tender, the number of copies is**: 1 (one) Original tender, 1 (One) copy**
ITT 19.2	The Tenderer ***MUST*** specify the Recurrent Cost Items
ITT 19.2 (a)	The Tenderer ***MUST*** tender for contracts of Recurrent Cost Items not included in the main Contract.
ITT 19.3	The written confirmation of authorization to sign on behalf of the Tenderer shall consist of**: Power of Attorney**
ITT 19.8	ITT 17.8 is modified as follows: **THERE IS NO MODIFICATION TO ITT 17.8**
ITT 19.9	The prices quoted by the Tenderer ***SHALL NOT*** be subject to adjustment during the performance of the Contract.
	D. Submission and Opening of Tenders
ITT 21.1	For **Tender submission purposes** only, the Procuring Entity's address is Attention: ***Head of Supply Chain Management Services*** Street Address: **P. O. Box 30025-00100 Nairobi** Floor/Room number: ***Teleposta Towers ,8th Floor Office K8-3*** City: ***Nairobi*** ZIP Code: **00200** Country: **Kenya** **The deadline for Tender submission is:** Date:**6th August ,*2024*** _____ Time: *at **10.00am***

ITT Reference	Particulars Of Appendix To Instructions To Tenders
	Street Address: **GPO Telposta Towers** Floor/ Room number: **8th Floor at the tender box**City: **Nairobi** Country: **Kenya**
ITT 24.1	The Tender opening shall take place at: Street Address: **GPO Telposta Towers** Floor/Room number:**9th Floor Boardroom** City: ***Nairobi*** Date: **6th August,*2024***
ITT 24.6	The number of representatives of the Procuring Entity to sign is _____.
E. Evaluation and Comparison of Tenders	
ITT 31.1	The currency that shall be used for Tender evaluation and comparison purposes to convertall Tender prices expressed in various currencies into a single currency is: **Kenya Shillings** The source of exchange rate shall be: ***The Central Bank in Kenya).***
	F. Award of Contract
ITT 41.1	The maximum percentage by which quantities may be increased is: ***N/A*** The maximum percentage by which quantities may be decreased is: ***N/A***
ITT 41.1	The Procuring Entity shall increase or decrease the quantity of Goods and Related Services by an amount not exceed _**N/A** and without any change in the unit prices or other terms and conditions of the Tender and the tendering document.
ITT 47.3	Performance security if so required shall be in the sum of ***10% of total sum***
ITT 49.1	The procedures for making a Procurement-related Complaint are detailed in the "Notice of Intention to Award the Contract" herein and are also available from thePPRA website info@ppra.go.ke or complaints@ppra.go.ke. If a Tenderer wishes to make a Procurement-related Complaint, the Tenderer shouldsubmit its complaint following these procedures, in writing (by the quickest means available, that is either by email or fax), to: **For the attention**: *[insert full name of person receiving complaints]* **Title/position**: *PRINCIPAL SECRETARY* **Procuring Entity**: *STATE DEPARTMENT FOR ICT AND THE DIGITAL ECONOMY* **Email address***: ps@ict.go.ke* In summary, a Procurement-related Complaint may challenge any of the following: 1. the terms of the Tendering Documents; and 2. the Procuring Entity's decision to award the contract

SECTION III - EVALUATION AND QUALIFICATION CRITERIA

1. General Provisions

1.1 Wherever a Tenderer is required to state a monetary amount, Tenderers should indicate the Kenya Shilling equivalent using the rate of exchange determined as follows:

a) For business turnover or financial data required for each year - Exchange rate prevailing on the last day of the respective calendar year (in which the amounts for that year is to be converted) was originally established.

b) Value of single contract - Exchange rate prevailing on the date of the contract signature.

c) Exchange rates shall be taken from the publicly available source identified in **the ITT 14.3.** Any error in determining the exchange rates in the Tender may be corrected by the Procuring Entity.

1.2 This section contains the criteria that the Procuring Entity Procuring Entity shall use to evaluate tender and qualify tenderers. No other factors, methods or criteria shall be used other than those specified in this tender document. The Tenderer shall provide all the information requested in the forms included in Section IV, Tendering Forms. The Procuring Entity should use the Standard Tender Evaluation Report for Goods and Works for evaluating Tenders.

2. Evaluation of Tenders (ITT 33)

Evaluation of Tenders

Preliminary examination for Determination of Responsiveness

The Procuring Entity will start by examining all tenders to ensure they meet in all respects the eligibility criteria and other mandatory requirements in the ITT, and that the tender is complete in all aspects in meeting the requirements provided for in the preliminary evaluation criteria outlined below. The Standard Tender Evaluation Report Document for Goods and Works for evaluating Tenders provides very clear guide on how to deal with review of these requirements. Tenders that do not pass the Preliminary Examination will be considered non-responsive and will not be considered further.

SECTION I: PRELIMINARY MANDATORY EVALUATION

The evaluation shall adopt *YES/ NO Approach.* The non-responsive submissions will be eliminated fromthe entire preliminary evaluation process and will not be considered further.

The preliminary evaluation shall involve checking on mandatory requirements (MR) which include thefollowing:

2.20.1

1. PRELIMINARY MANDATORY EVALUATION

The evaluation shall adopt *YES/ NO Approach.* The non-responsive submissions will be eliminated from the entire preliminary evaluation process and will not be considered further.

In case of joint venture all members must satisfy all aspects of preliminary mandatory evaluation requirement.

The preliminary evaluation shall involve checking on mandatory requirements (MR) which include the following:

No.	Parameters/Requirements	Compliance (Yes/No)
1.	Attach a copy of Certificate of Registration / Incorporation	YES/ NO
2.	Attach a copy of valid Tax Compliance Certificate	YES/ NO
3.	Attach a copy of valid Business Permit	YES/ NO
4.	Attach Tender Security of 2% of the Total Tender Sum from a reputable Bank recognized by Central Bank of Kenya or from a reputable insurance recognized and registered by PPRA valid for an additional 30 days beyond the Tender validity period.	YES/ NO
5.	Attach CR12 for the company where applicable	YES/ NO
6.	The Bidding Document MUST be Completed, Properly Tape Bounded, serialized and paginated	YES/ NO
7.	Duly filled signed and stamped Site Survey form	YES/ NO
8.	Duly filled, signed and stamped Confidential Business Questionnaire	YES/ NO
9.	Duly filled, signed and stamped Certificate of Independent Tender Determination	YES/ NO
10.	Duly filled and signed and commissioned by Commissioner for Oaths bidder's debarment declaration form (SD1)	YES/ NO
11.	Duly filled, signed, stamped and commissioned by Commissioner for Oaths bidder's declaration that they will not engage in corrupt or fraudulent practice (SD2)	YES/ NO
12.	Dully Filled, signed and stamped Price Schedule	YES/ NO
13.	Duly filled, signed and stamped Tenderer Information Form	YES/ NO
14.	Dully Filled, signed and stamped the Form of Tender	YES/ NO
15.	Duly fill, sign and stamp the Delivery Schedule in the format provided	YES/NO
16.	Attach Power of Power of attorney/ Authorization Letter giving the name person who should be signing the Bid, authorizing him submit/execute this agreement as	YES/NO

		a binding document	
	2. TECHNICAL MANDATORY EVALUATION The evaluation shall adopt *YES/ NO Approach.* The non-responsive submissions will be eliminated from the entire evaluation process and will not be considered further. In case of joint venture either of the members must satisfy all aspects of technical mandatory evaluation requirement. The evaluation shall involve checking on the technical mandatory requirements which include the following:		
	1.	Must be registered by the National Construction Authority with NCA 6 or above in electrical/civil (attach valid certificate)	YES/ NO
	2.	SLA (Must meet or exceed the sample SLA in Annex 1)	YES/ NO
	3.	The bidder must provide a valid Manufacturer Authorization Form for both active and passive equipment.	YES/ NO
	4.	The bidder must provide a Service Commitment Letter from the Active Equipment .	YES/ NO
	5.	Registered with Communication Authority of Kenya (attach valid certificate)	YES/ NO
	6.	The bidder must provide a Commitment letter to carry out permanent solutions on the network as-is within the first 6 months upon signing of contract.	YES/ NO
	7.	The bidder must provide a Commitment letter to resolve any temporary fixes done to meet SLA into permanent solutions within 2 Months.	YES/ NO
	8.	The bidder must provide a Commitment letter to maintain a list of materials to ensure availability of enough spare parts for maintenance services.	YES/ NO
	9.	The bidder shall provide a signed and stamped commitment letter to start maintenance of the project immediately after signing of the contract.	YES/ NO
	10.	The Bid submitted must comply with technical requirement as outlined in the Technical Specification of Section V of the bid Documents. (Any Non-Compliance with any of the requirements shall lead to automatic disqualification)	YES/ NO
	11.	Bidder shall be expected to provide a duly filled, signed and stamped commitment letter indicating they will comply with the client's Service Level Agreement, OSP (Outside Plant) Maintenance SOP (Standard Operating Procedures) and NOFBI Specifications See standard form 15 – commitment Form: See OSP Maintenance, SOP, SLA, NOFBI II Specifications-annex 3,4,5	YES/ NO
	Bidders must submit the documents above. At this stage, the tenderer's submission will be either responsive or non-responsive. The non-responsive submissions will be eliminated from the entire evaluation process and will not be considered further.		
2.22.1	Evaluation and Comparison of Tenders (Technical Evaluation) The bidder will be evaluated on the technical submissions and only responsive tenders		

	in the technical evaluation will proceed to the next stage of the procurement process. The evaluation shall adopt YES/ NO Approach. The non-responsive submissions will be eliminated from the entire evaluation process and will not be considered further.	
	TECHNICAL EVALUATION	**Compliance - Response(Yes/No)**
1.	**Permanently resolve all existing temporaries on the passive equipment:** The Contractor agrees to permanently resolve all existing temporary solutions on the passive network equipment. The Contractor commits to implementing all permanent solutions on the passive network both at the onset of the contract and throughout the contract period.	
2.	**Permanently resolve all active equipment:** The Contractor agrees to permanently resolve all active equipment faults. The Contractor commits to implementing all permanent solutions on active equipment both at the onset and throughout the contract period, including the replacement of all faulty parts and devices.	
3.	**NOFBI Maintenance Plans and Methodology (For Fiber and Active Equipment):** Provide sample preventive, corrective and permanent restoration procedures/activities when responding to service interruption due to Optic Fiber breakage. (Gantt chart) with clearly defined timelines Provide sample preventive, corrective and permanent restoration procedures/activities when responding to service interruption due to active equipment malfunction/faults. (Gantt chart) with clearly defined timelines. Provide team composition (Management and technical) for undertaking tasks.	
4.	Provide proof of at least two similar projects in the last 10 years from the closing date of this tender. Similarity being in complexity and scope. This must involve supporting and maintenance of an Optic fiber Cable Network, transmission equipment and other associated equipment. The bidder should provide completion certificate/ LPOs/contract.	
5.	Compliant with Environmental Health and Safety (EHS). Workplace Registration Certificate by the Department of Occupational Safety and Health. Attach a copy of a valid certificate provide a safety and health plan as per the health and safety specifications.	
6.	**Provides details of Qualifications and Experience of key personnel relevant to this works** Qualifications and experience of Key Technical Personnel (Attach Curriculum Vitae and Copies of Certificates) i **One Project Manager** o Degree in Engineering/ICT o At least 3 Years' Experience in Project Management o Certification in Project Management ii **Two Network/Transmission Engineers** o Degree in ICT or related field o At least 3 Years' Experience in Optical Networks implementation/maintenance –	

	with a bias in handling transmission equipment o Certification in telecommunication equipment. iii Three Optic Fiber Cable Experts o Diploma in ICT or related field o At least 3 Years' Experience in Optical Networks implementation/maintenance o Certification in Optical cable iv Two IP Engineers o Degree in ICT or related field o At least 3 Years' Experience in IP equipment configurations/maintenance o Certification in IP Equipment v Two NOC Personnel o Diploma in ICT or related field o At least 3 Years' Experience in NOC operations vi Two Power Engineer o Diploma in Electrical Engineering or related o At least 3 Years' Experience in Electrical works	
FINANCIAL EVALUATION		
No	Failure to meet any of the requirements listed below shall lead to automatic disqualification.	
	MANDATORY REQUIREMENT	**COMPLIANCE (YES/NO)**
1.	The currency MUST be in *Kenya Shillings*	
2.	Annual Turnover of at least Kshs.200,000,000	
3.	Bidders will be ranked according from the lowest to highest	
2.24.1	POST – QUALIFICATION shall "be undertaken"	
2.24.3	**Award Criteria: The bidder with the lowest Financial Price shall be considered for award.**	

Stage C : Financial Evaluation/ price evaluation

Tenders that comply with all the above in stage two (Capacity evaluation of bidders to deliver on the contract) will have their bids subjected to financial evaluation. Financial evaluation shall involve checking for completeness ofthe prices to determine **lowest evaluated bidder.**

Prior to the tender being awarded, due diligence may be conducted, pursuant to section 83 of the Act, to confirm and verify the eligibility (in accordance with sections 55 of the Act) of the tenderers who submitted the lowest substantially responsive tenders.

Notes under financial submission:

- All cost quoted shall be inclusive of all taxes
- Bidders to ensure that their bids are arithmetic error free
- Bidders MUST ensure that all calculations are estimated to two decimal places.

Bidders are required to quote for only one LOT/Region and should provide a quote for ALL items in the price schedule.

SECTION IV - TENDERING FORMS

Form of Tender Tenderer Information Form Tenderer JV Members Information Form

Price Schedule: Goods Manufactured Outside Kenya, to be Imported Price Schedule: Goods Manufactured Outside Kenya, already imported Price Schedule: Goods Manufactured in Kenya

Price and Completion Schedule – Related Services Form of Tender Security – Demand Guarantee Form of Tender Security (Tender Bond)

Form of Tender-Securing Declaration Manufacturer's Authorization Form

FORM OF TENDER

(Amended and issued pursuant to PPRA CIRCULAR No. 02/2022)

INSTRUCTIONS TO TENDERERS

i) All italicized text is to help the Tenderer in preparing this form.

ii) The Tenderer must prepare this Form of Tender on stationery with its letterhead clearly showing the Tenderer's complete name and business address. Tenderers are reminded that this is a mandatory requirement.

iii) Tenderer must complete and sign CERTIFICATE OF INDEPENDENT TENDER DETERMINATION and the SELF DECLARATION FORMS OF THE TENDERER as listed under (s) below.

Date of this Tender submission:.....*[insert date (as day, month and year) of Tender submission]* **Tender Name and Identification**:.....*[insert identification]* **Alternative No.**:.....*[insert identification No if this is a Tender for an alternative]*

To: ..... *[Insert complete name of Procuring Entity]*

a) **No reservations:** We have examined and have no reservations to the Tendering document, including Addenda issued in accordance with Instructions to tenderers (ITT 7);

b) **Eligibility**: We meet the eligibility requirements and have no conflict of interest in accordance with ITT 3;

c) **Tender/Proposal-Securing Declaration**: We have not been suspended nor declared ineligible by the Procuring Entity based on execution of a Tender-Securing Declaration. Or Proposal-Securing Declaration in Kenya in accordance with ITT 3.6;

d) **Conformity:** We offer to supply in conformity with the Tendering document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: [*insert a brief description of the Goods and Related Services*];

e) **Tender Price**: The total price of our Tender, excluding any discounts offered in item (f) below is:

Option 1, in case of one lot: Total price is: *[insert the total price of the Tender in words and figures, indicating the various amounts and the respective currencies];*

or

Option 2, in case of multiple lots: (a) Total price of each lot [*insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies*]; and (b) Total price of all lots (sum of all lots) [*insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies*];

f) **Discounts**: The discounts offered and the methodology for their application are:

i) The discounts offered are: [*Specify in detail each discount offered.*]

ii) The exact method of calculations to determine the net price after application of discounts are shown below: [*Specify in detail the method that shall be used to apply the discounts*];

g) **Tender Validity Period**: Our Tender shall be valid for the period specified in TDS 17.1 (as amended, if applicable) from the date fixed for the Tender submission deadline specified in TDS 21.1 (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

h) **Performance Security**: If our Tender is accepted, we commit to obtain a performance security in accordance with the Tendering document;

i) **One Tender per tenderer**: We are not submitting any other Tender(s) as an individual tenderer, and we are not participating in any other Tender(s) as a Joint Venture member, or as a subcontractor, and meet the requirements of ITT 3.9, other than alternative Tenders submitted in accordance with ITT 12;

j) **Suspension and Debarment**: We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the Procuring Entity. Further, we are not ineligible under the Kenya laws or official regulations or pursuant to a decision of the United Nations Security Council;

k) **State-owned enterprise or institution**: *[select the appropriate* **option** *and delete the other] [We are not a state- owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ITT 3.7];*

l) **Commissions, gratuities, fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Tendering process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

(If none has been paid or is to be paid, indicate "none.")

m) **Binding Contract**: We understand that this Tender, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;

n) **Procuring Entity Not Bound to Accept**: We understand that you are not bound to accept the lowest evaluated cost Tender, the Best Evaluated Tender or any other Tender that you may receive; and

o) **Fraud and Corruption**: We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption.

p) **Code of Ethical Conduct**: We undertake to adhere by the Code of Ethics for Persons Participating in Public Procurement and Asset Disposal, copy available from_____(*specify website*) during the procurement process and the execution of any resulting contract.

q) **Collusive practices**: We hereby certify and confirm that the tender is genuine, non-collusive and made with the intention of accepting the contract if awarded. To this effect we have signed the "Certificate of Independent tender Determination" attached below.

r) **Beneficial Ownership Information:** We commit to provide to the procuring entity the Beneficial Ownership Information in conformity with the Beneficial Ownership Disclosure Form upon receipt of notification of intention to enter into a contract in the event we are the successful tenderer in this subject procurement proceeding.

s) We, the Tenderer, have duly completed, signed and stamped the following Forms as part of our Tender:

   a) Tenderer's Eligibility; Confidential Business Questionnaire – to establish we are not in any conflict to interest;

   b) Certificate of Independent Tender Determination – to declare that we completed the tender without colluding with other tenderers;

   c) Self-Declaration of the Tenderer – to declare that we will, if awarded a contract, not engage in any form of fraud and corruption; and

   d) Declaration and Commitment to the Code of Ethics for Persons Participating in Public Procurement

and Asset Disposal.

Further, we confirm that we have read and understood the full content and scope of fraud and corruption as informed in **"Appendix 1- Fraud and Corruption**" attached to the Form of Tender.

Name of the tenderer: *[*insert complete name of the tenderer*]

Name of the person duly authorized to sign the Tender on behalf of the tenderer: **[*insert complete name of person duly authorized to sign the Tender*]

Title of the person signing the Tender: [*insert complete title of the person signing the Tender*] **Signature of the person named above**: [*insert signature of person whose name and capacity are shown above*] **Date signed** [*insert date of signing*] **day of** [*insert month*], [*insert year*]

***: In the case of the Tender submitted by a Joint Venture specify the name of the Joint Venture as tenderer.

**: Person signing the Tender shall have the power of attorney given by the tenderer. The power of attorney shall be attached with the Tender Schedules.

CERTIFICATE OF INDEPENDENT TENDER DETERMINATION

I, the undersigned, in submitting the accompanying Letter of Tender to the_____ *[Name of Procuring Entity]* for:_____ *[Name and number of tender]* in response to the request for tenders made by:_____ *[Name of Tenderer]* do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of_____ *[Name of Tenderer]* that:

1. I have read and I understand the contents of this Certificate;

2. I understand that the Tender will be disqualified if this Certificate is found not to be true and complete in every respect;

3. I am the authorized representative of the Tenderer with authority to sign this Certificate, and to submit the Tender on behalf of the Tenderer;

4. For the purposes of this Certificate and the Tender, I understand that the word "competitor" shall include any individual or organization, other than the Tenderer, whether or not affiliated with the Tenderer, who:

   a) has been requested to submit a Tender in response to this request for tenders;

   b) could potentially submit a tender in response to this request for tenders, based on their qualifications, abilities or experience;

5. The Tenderer discloses that [check one of the following, as applicable]:

   a) The Tenderer has arrived at the Tender independently from, and without consultation, communication, agreement or arrangement with, any competitor;

   b) the Tenderer has entered into consultations, communications, agreements or arrangements with one or more competitors regarding this request for tenders, and the Tenderer discloses, in the attached document(s), complete details thereof, including the names of the competitors and the nature of, and reasons for, such consultations, communications, agreements or arrangements;

6. In particular, without limiting the generality of paragraphs (5)(a) or (5)(b) above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:

   a) prices;

   b) methods, factors or formulas used to calculate prices;

   c) the intention or decision to submit, or not to submit, a tender; or

   d) the submission of a tender which does not meet the specifications of the request for Tenders; except as specifically disclosed pursuant to paragraph (5)(b) above;

7. In addition, there has been no consultation, communication, agreement or arrangement with any competitor regarding the quality, quantity, specifications or delivery particulars of the works or services to which this request for tenders relates, except as specifically authorized by the procuring authority or as specifically disclosed pursuant to paragraph (5)(b) above;

8. the terms of the Tender have not been, and will not be, knowingly disclosed by the Tenderer, directly or indirectly, to any competitor, prior to the date and time of the official tender opening, or of the awarding of the Contract, whichever comes first, unless otherwise required by law or as specifically disclosed pursuant to paragraph (5)(b) above.

Name

Title

Date

[Name, title and signature of authorized agent of Tenderer and Date]

SELF-DECLARATION FORMS

FORM SD1

SELF DECLARATION THAT THE PERSON/TENDERER IS NOT DEBARRED IN THE MATTER OF THE PUBLIC PROCUREMENT AND ASSET DISPOSAL ACT 2015.

I ..... of Post Office Box.....being a resident of ..... in the Republic of.....do hereby make a statement as follows:-

1. THAT I am the Company Secretary/ Chief Executive/Managing Director/Principal Officer/Director of ..... *(insert name of the Company)* who is a Bidder in respect of **Tender No.** ..... for..... *(insert tender title/description)* for.....*(insert name of the Procuring entity)* and duly authorized and competent to make this statement.

2. THAT the aforesaid Bidder, its Directors and subcontractors have not been debarred from participating in procurement proceeding under Part IV of the Act.

3. THAT what is deponed to herein above is true to the best of my knowledge, information and belief.

……. ……..…. ……
(Title) (Signature) (Date)

Bidder Official Stamp

FORM SD2

SELF DECLARATION THAT THE PERSON/TENDERER WILL NOT ENGAGE IN ANY CORRUPT OR FRAUDULENT PRACTICE

I, ……..... of P.O. Box.....being a resident of..... in the Republic of ..... do hereby make a statement as follows:-

1. THAT I am the Chief Executive/Managing Director/Principal Officer/Director of.....……..…… *(insert name of the Company)* who is a Bidder in respect of **Tender No**. ..... for..... *(Insert tender title/description) f*or..... *(insert name of the Procuring entity)* and duly authorized and competent to make this statement.

2. THAT the aforesaid Bidder, its servants and/or agents /subcontractors will not engage in any corrupt or fraudulent practice and has not been requested to pay any inducement to any member of the Board, Management, Staff and/or employees and/or agents of ……..*(insert name of the Procuring entity)* which is the procuring entity.

3. THAT the aforesaid Bidder, its servants and/or agents /subcontractors have not offered any inducement to any member of the Board, Management, Staff and/or employees and/or agents of ……..*(name of the procuring entity).*

4. THAT the aforesaid Bidder will not engage/has not engaged in any corrosive practice with other bidders participating in the subject tender.

5. THAT what is deponed to herein above is true to the best of my knowledge information and belief.

……	……...…	……
(Title)	(Signature)	(Date)

Bidder's Official Stamp

DECLARATION AND COMMITMENT TO THE CODE OF ETHICS

I..... (Person) on behalf of (***Name of the Business/ Company/Firm***).....declare that I have read and fully understood the contents of the Public Procurement & Asset Disposal Act, 2015, Regulations and the Code of Ethics for persons participating in Public Procurement and Asset Disposal and my responsibilities under the Code.

I do hereby commit to abide by the provisions of the Code of Ethics for persons participating in Public Procurement and Asset Disposal.

Name of Authorized signatory.....

Sign…….....

Position.....

Office address……. Telephone…….....…….

E-mail…….....……

Name of the Firm/Company…….....……

Date…….....……

(Company Seal/ Rubber Stamp where applicable)

Witness

Name …….....…….

Sign…….....……

Date…….....……

APPENDIX 1- FRAUD AND CORRUPTION

(Appendix 1 shall not be modified)

1. Purpose

1.1 The Government of Kenya's Anti-Corruption and Economic Crime laws and their sanction's policies and procedures, Public Procurement and Asset Disposal Act *(no. 33 of 2015)* and its Regulation, and any other Kenya's Acts or Regulations related to Fraud and Corruption, and similar offences, shall apply with respect to Public Procurement Processes and Contracts that are governed by the laws of Kenya.

2. Requirements

2.1 The Government of Kenya requires that all parties including Procuring Entities, Tenderers, (applicants/proposers), Consultants, Contractors and Suppliers; any Sub-contractors, Sub-consultants, Service providers or Suppliers; any Agents (whether declared or not); and any of their Personnel, involved and engaged in procurement under Kenya's Laws and Regulation, observe the highest standard of ethics during the procurement process, selection and contract execution of all contracts, and refrain from Fraud and Corruption and fully comply with Kenya's laws and Regulations as per paragraphs 1.1 above.

2.2 Kenya's public procurement and asset disposal act *(no. 33 of 2015)* under Section 66 describes rules to be followed and actions to be taken in dealing with Corrupt, Coercive, Obstructive, Collusive or Fraudulent practices, and Conflicts of Interest in procurement including consequences for offences committed. A few of the provisions noted below highlight Kenya's policy of no tolerance for such practices and behavior:

1) a person to whom this Act applies shall not be involved in any corrupt, coercive, obstructive, collusive or fraudulent practice; or conflicts of interest in any procurement or asset disposal proceeding;

2) A person referred to under subsection (1) who contravenes the provisions of that sub-section commits an offence;

3) Without limiting the generality of the subsection (1) and (2), the person shall be—
   a) disqualified from entering into a contract for a procurement or asset disposal proceeding; or
   b) if a contract has already been entered into with the person, the contract shall be voidable;

4) The voiding of a contract by the procuring entity under subsection (7) does not limit any legal remedy the procuring entity may have;

5) An employee or agent of the procuring entity or a member of the Board or committee of the procuring entity who has a conflict of interest with respect to a procurement:-
   a) shall not take part in the procurement proceedings;
   b) shall not, after a procurement contract has been entered into, take part in any decision relating to the procurement or contract; and
   c) shall not be a subcontractor for the bidder to whom was awarded contract, or a member of the group of bidders to whom the contract was awarded, but the subcontractor appointed shall meet all the requirements of this Act.

6) An employee, agent or member described in subsection (1) who refrains from doing anything prohibited under that subsection, but for that subsection, would have been within his or her duties shall disclose the conflict of interest to the procuring entity;

7) If a person contravenes subsection (1) with respect to a conflict of interest described in subsection (5)(a) and the contract is awarded to the person or his relative or to another person in whom one of them had a direct or indirect pecuniary interest, the contract shall be terminated and all costs incurred by the public entity shall be made good by the awarding officer. Etc.

2.3 In compliance with Kenya's laws, regulations and policies mentioned above, the Procuring Entity:

a) Defines broadly, for the purposes of the above provisions, the terms set forth below as follows:

i) "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;

ii) "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;

iii) "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;

iv) "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

v) "obstructive practice" is:

- deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede investigation by Public Procurement Regulatory Authority (PPRA) or any other appropriate authority appointed by Government of Kenya into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or

- acts intended to materially impede the exercise of the PPRA's or the appointed authority's inspection and audit rights provided for under paragraph 2.3 e. below.

b) Defines more specifically, in accordance with the above procurement Act provisions set forth for fraudulent and collusive practices as follows:

"fraudulent practice" includes a misrepresentation of fact in order to influence a procurement or disposal process or the exercise of a contract to the detriment of the procuring entity or the tenderer or the contractor, and includes collusive practices amongst tenderers prior to or after tender submission designed to establish tender prices at artificial non-competitive levels and to deprive the procuring entity of the benefits of free and open competition.

c) Rejects a proposal for award[1] of a contract if PPRA determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;

d) Pursuant to the Kenya's above stated Acts and Regulations, may sanction or debar or recommend to appropriate authority (ies) for sanctioning and debarment of a firm or individual, as applicable under the Acts and Regulations;

e) Requires that a clause be included in Tender documents and Request for Proposal documents requiring (i) Tenderers (applicants/proposers), Consultants, Contractors, and Suppliers, and their Sub-contractors, Sub-consultants, Service providers, Suppliers, Agents personnel, permit the PPRA or any other appropriate authority appointed by Government of Kenya to inspect[2] all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the PPRA or any other

appropriate authority appointed by Government of Kenya; and

f) Pursuant to Section 62 of the above Act, requires Applicants/Tenderers to submit along with their Applications/Tenders/Proposals a "Self-Declaration Form" as included in the procurement document declaring that they and all parties involved in the procurement process and contract execution have not engaged/will not engage in any corrupt or fraudulent practices.

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[1] *For the avoidance of doubt, a party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and tendering, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.*

[2] *Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Investigating Authority or persons appointed by the Procuring Entity to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.*

TENDERER INFORMATION FORM

[The tenderer shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: …… *[insert date (as day, month and year) of Tender submission*]

Tender Name and Identification:..... [*Insert identification*

Alternative No.: ..... *[insert identification No if this is a Tender for an alternative]*

Page_____of_____pages

1. Tenderer's Name *[insert Tenderer's legal name]*
2. In case of JV, legal name of each member: *[insert legal name of each member in JV]*
3. Tenderer's actual or intended country of registration: *[insert actual or intended country of registration]*
4. Tenderer's year of registration: *[insert Tenderer's year of registration]*
5. Tenderer's Address in country of registration: *[insert Tenderer's legal address in country of registration]*
6. Tenderer's Authorized Representative Information Name: *[insert Authorized Representative's name]* Address: *[insert Authorized Representative's Address]* Telephone/Fax numbers: *[insert Authorized Representative's telephone/fax numbers]* Email Address: *[insert Authorized Representative's email address]*
7. Attached are copies of original documents of *[check the box(es) of the attached original documents]* ☐ For Kenyan Tenderers a current tax clearance certificate or tax exemption certificate issued by the Kenya Revenue Authority in accordance with ITT 3.14. ☐Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITT 3.4. ☐ In case of JV, letter of intent to form JV or JV agreement, in accordance with ITT 3.1. ☐ In case of state-owned enterprise or institution, in accordance with ITT 4.6 documents establishing: (i) Legal and financial autonomy (ii) Operation under commercial law (iii) Establishing that the tenderer is not under the supervision of the Procuring Entity 2. Included are the organizational chart and a list of Board of Directors

TENDERER'S ELIGIBILITY- CONFIDENTIAL BUSINESS QUESTIONNAIRE FORM

a) Instruction to Tenderer

Tender is instructed to complete the particulars required in this Form, *one form for each entity if Tender is a JV*. Tenderer is further reminded that it is an offence to give false information on this Form.

A. Tenderer's details

	ITEM	**DESCRIPTION**
1	Name of the Procuring Entity	
2	Name of the Tenderer	
3	Full Address and Contact Details of the Tenderer.	1. Country 2. City 3. Location 4. Building 5. Floor 6. Postal Address 7. Name and email of contact person.
4	Reference Number of the Tender	
5	Date and Time of Tender Opening	
6	Current Trade License No and Expiring date	
7	Maximum value of business which the Tenderer handles.	
8		

General and Specific Details

b) Sole Proprietor, provide the following details.

Name in full_____

Age_____ Nationality_____

Country of Origin_____ Citizenship _____

c) Partnership, provide the following details.

	Names of Partners	**Nationality**	**Citizenship**	**% Shares owned**
1				
2				
3				

(d) Registered Company, provide the following details.

i) Private or public Company _____

ii) State the nominal and issued capital of the Company-

Nominal Kenya Shillings (Equivalent) ……
Issued Kenya Shillings (Equivalent) ……

iii) Give details of Directors as follows.

	Names of Director	**Nationality**	**Citizenship**	**% Shares owned**
1				
2				
3				

(e) DISCLOSURE OF INTEREST- Interest of the Firm in the Procuring Entity.

(i) Are there any person/persons in …… (*Name of Procuring Entity)* who has an interest or relationship in this firm? Yes/No……

If yes, provide details as follows.

	Names of Person	Designation in the Procuring Entity	Interest or Relationship with Tenderer
1			
2			
3			

(ii) Conflict of interest disclosure

	Type of Conflict	**Disclosure YES OR NO**	**If YES provide details of the relationship with Tenderer**
1	Tenderer is directly or indirectly controlled by or is under common control with another tenderer.		
2	Tenderer receives or has received any direct or indirect subsidy from another tenderer.		
3	Tenderer has the same legal representative as another tenderer		
4	Tender has a relationship with another tenderer, directly or through common third parties that puts it in a position to influence the tender of another tenderer, or influence the decisions of the Procuring Entity regarding this tendering process.		
5	Any of the Tenderer's affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the tender.		
6	Tenderer would be providing		

	Type of Conflict	Disclosure YES OR NO	If YES provide details of the relationship with Tenderer
	goods, works, non-consulting services or consulting services during implementation of the contract specified in this Tender Document.		
7	Tenderer has a close business or family relationship with a professional staff of the Procuring Entity who are directly or indirectly involved in the preparation of the Tender document or specifications of the Contract, and/or the Tender evaluation process of such contract.		
8	Tenderer has a close business or family relationship with a professional staff of the Procuring Entity who would be involved in the implementation or supervision of the Contract.		
9	Has the conflict stemming from such relationship stated in item 7 and 8 above been resolved in a manner acceptable to the Procuring Entity throughout the tendering process and execution of the Contract?		

(f) Certification

On behalf of the Tenderer, I certify that the information given above is correct.

Full Name_____

Title or Designation_____

(Signature) *(Date)*

TENDERER'S JV MEMBERS INFORMATION FORM

[The tenderer shall fill in this Form in accordance with the instructions indicated below. The following table shall be filled in for the tenderer and for each member of a Joint Venture]].

Date:.....*[insert date (as day, month and year) of Tender submission].*

Tender Name and Identification:.....*[insert identification* Alternative No.:.....*[insert identification No if this is a Tender for an alternative].*

Page_____of_____pages

1. Tenderer's Name: *[insert Tenderer's legal name]*
2. Tenderer's JV Member's name: *[insert JV's Member legal name]*
3. Tenderer's JV Member's country of registration: *[insert JV's Member country of registration]*
4. Tenderer's JV Member's year of registration: *[insert JV's Member year of registration]*
5. Tenderer's JV Member's legal address in country of registration: *[insert JV's Member legal address in country of registration]*
6. Tenderer's JV Member's authorized representative information Name: *[insert name of JV's Member authorized representative]* Address: *[insert address of JV's Member authorized representative]* Telephone/Fax numbers: *[insert telephone/fax numbers of JV's Member authorized representative]* Email Address: *[insert email address of JV's Member authorized representative]*
7. Attached are copies of original documents of *[check the box(es) of the attached original documents]* ☐ Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITT 4.4. ☐ In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Procuring Entity, in accordance with ITT 4.6. 8. Included are the organizational chart and a list of Board of Directors

Form CON–1 Historical Contract Non-Performance and Pending Litigation.

In case a pre-qualification process was conducted this form should be used only if the information submitted at the time of pre-qualification requires updating

Tenderer's Legal Name: _____ Date: _____

JV member Legal Name: _____

ITT No.: _____

Age of _____ pages

Non-Performing Contracts in accordance with Section III, Evaluation and Qualification Criteria			
Contract non-performance did not occur during the stipulated period, in accordance with Sub- Factor 2.2.1 of Section III, Evaluation Criteria			
Pending Litigation, in accordance with Section III, Evaluation and Qualification Criteria			
No pending litigation in accordance with Sub-Factor 2.2.3 of Section III, Evaluation Criteria Pending litigation in accordance with Sub-Factor 2.2.3 of Section III, Evaluation Criteria, as indicated below			

Year	Outcome as Percent of Total Assets	Contract Identification	Total Contract Amount (current value, US$ equivalent)
_____	_____	Contract Identification: Name of Procuring Entity: Address of Procuring Entity: Matter in dispute:	_____
_____	_____	Contract Identification: Name of Procuring Entity: Address of Procuring Entity: Matter in dispute:	_____

Form EXP - 1 Experience – General Experience

Tenderer's Legal Name: _____ Date: _____ JV

Member Legal Name: _____ ITT No.: _____

Page _____ of _____ pages

Starting Month / Year	Ending Month / Year	Years*	Contract Identification	Role of Tenderer
_____	_____		Contract name: Brief Description of the Information System performed by the Tenderer: Name of Procuring Entity: Address:	_____
_____	_____		Contract name: Brief Description of the Information System performed by the Tenderer: Name of Procuring Entity: Address:	_____
_____	_____		Contract name: Brief Description of the Information System performed by the Tenderer: Name of Procuring Entity: Address:	_____
_____	_____		Contract name: Brief Description of the Information System performed by the Tenderer: Name of Procuring Entity: Address:	_____
_____	_____		Contract name: Brief Description of the Information System performed by the Tenderer: Name of Procuring Entity: Address:	_____
_____	_____		Contract name: Brief Description of the Information System performed by the Tenderer: Name of Procuring Entity: Address:	_____

*List calendar year for years with contracts with at least nine (9) months activity per year starting with the earliest year.

Form EXP – 2 Specific Experience

Tenderer's Legal Name: _____ Date: _____

JV Member Legal Name: _____ ITT No.: _____

Page _____ of _____ pages

Similar Contract Number: ___ of ___ required.	**Information**		
Contract Identification	_____		
Award date Completion date	_____ _____		
Role in Contract	Prime Supplier	Management Contractor	Subcontractor
Total contract amount	_____		US$_____ _
If member in a JV or subcontractor, specify participation of total contract amount	_____%	_____	US$_____
Procuring Entity's Name:	_____		
Address: Telephone/fax number: E-mail:	_____ _____ _____ _____		

Form CCC-1 Summary Sheet: Current Contract Commitments/ Work in Progress

Name of Tenderer or partner of a Joint Venture.

Tenderers and each partner to a Joint Venture tender should provide information on their current commitments on all contracts that have been awarded, or for which a Form of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued

Name of contract Entity,	**Procuring contact address/tel./fax**	**Value of outstanding Information System (curren US$ equivalent)**	**Estimated completio invoicing date**	**Average monthly over last six months (US$/month)**
1.				
2. etc				

Price Schedule Forms

*[The tenderer shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Procuring Entity in the Schedule of Requirements.]*

PLEASE TAKE NOTE OF THE FOLLOWING:
a) Prices quoted should be inclusive of all taxes and transport cost where applicable
b) The prices quoted shall remain valid throughout the period of the contract after award (2YEARS)
c) purchase shall be on a "as and when required" basis
e) Bidders are required to provide accurate financial information as NO CORRECTION of arithmetical errors will be done.

PRICE SCHEDULE

1. Grand Summary Cost Table

Bill Of Quantities/Schedule of Rates
Below is the bill of materials. The bidder shall provide bill of quantities.

No.	Type	Specification	Quantity	Unit Price	Total
1	Router	NE40E-X8	REFER PG. 68 (ACTIVE AND PASSIVE MATERIALS)		
2	Router	NE40E-X3			
3	Switch	S9700			
4	Switch	S5700			
5	Firewall	Eudemon 1000E			
6	Firewall	Eudemon 200E			
7	Transmission	OSN6800			
8	Transmission	OSN3800			
9	Transmission	OSN3500			
10	Transmission	OSN2500			
11	Transmission	OSN1500B			
12	Power	TP48300			
13	Power	TP48200			
14	UPS	UPS 3KVA			
15	UPS	UPS 2KVA			
16	Huawei SFP (40KM)	Huawei SFP (40KM)			

17	Huawei SFP (80KM)	Huawei SFP (80KM)			
18	KM of Fiber per county		KM		
19	Training (5 Officers) on Network Certification (CCNA or HCIA) and /or transmission equipment (HCIA Transmission)		LOT		
20	Provision of Project Implementation Committee transport services as per Section V (5.1.6) guidelines		LOT		
TOTAL (All-inclusive of VAT to be transferred to form of tender)					

Total Costs

NO.	Description	Qty	Total Price
1.	Provision of Permanent Solution, Operation and Maintenance of National Optic Fiber Backbone Infrastructure Phase II (NOFBI II) Active equipment.	Lot	
2.	Provision of Permanent Solution, Operation and Maintenance of National Optic Fiber Backbone Infrastructure Phase II (NOFBI II) OSP and Passive Equipment	Lot	
	TOTAL		

_____

[*Signature of bidder and date]*

Prices to be inclusive of all taxes

Note: In case of discrepancy between unit price and total, the unit price shall prevail

Name of tenderer ……..*[insert complete name of tenderer]*

Signature of tenderer ……*[signature of person signing the Tender*

Date ……..*[Insert D*

2. Supply and Installation Cost Summary Table

Costs MUST reflect prices and rates quoted in accordance with ITT17 and

Line Item No.	**Subsystem / Item**	**Supply and Installation Cost Sub-Table No.**	***[insert: Kenya shillings]*** Price	***[insert: Local Currency]*** Price	***[insert: Foreign Currency A]*** Price
1	Project Plan	- -			
2	Subsystem 1				
SUBTOTALS					
TOTAL (To Grand Summary Table)					

Note: - indicates not applicable. "Indicates repetition of table entry above. Refer to the relevant Supply and Installation Cost Sub-Table for the specific components that constitute each Subsystem or line item in this summary table

Name of Tenderer:_____

_____Date_____

Authorized Signature of Tenderer:

3. Recurrent Cost Summary Table

Costs MUST reflect prices and rates quoted in accordance with ITT 17 and ITT18.

Line Item No.	**Subsystem / Item**	**Recurrent Cost Sub-Table No.**	***[insert: Kenya shilling] Price***	***[insert: Foreign Currency A] Price***	***[insert: Foreign Currency B] Price***
	Subtotals (to Grand Summary Table)				

Note: Refer to the relevant Recurrent Cost Sub-Tables for the specific components that constitute the Sub system or line item in this summary table.

Name of Tenderer:_____

Date_____

Authorized Signature of Tenderer:_____

4. Supply and Installation Cost Sub-Table *[insert: identifying number]*

Line-item number: [*specify: **relevant line-item number from the Supply and Installation Cost Summary Table** (e.g., 1.1)]*

Prices, rates, and subtotals MUST be quoted in accordance with ITT 17 and ITT18.

				Unit Prices / Rates					**Total Prices**			
				Supplied Locally	**Supplied from outside Kenya**				**Supplied Locally**	**Supplied from outside Kenya**		
Compo-nent No.	**Component Description**	**Country of Origin Code**	**Quantity**	*[insert: **local currency]***	*[insert: **local currency]***	*[insert: **foreign currency A]***	*[insert **foreign currency B]***		*[insert: **local currency]***	*[insert: **local currency]***	*[insert: **foreign currency A]***	*[insert: **foreign currency B]***
X.1	____	- -	- -	- -	- -	- -	- -					
Subtotals (to *[insert: **line item**]* of Supply and Installation Cost Summary Table)												

Note: - - indicates not applicable

Name of Tenderer: _____

_____Date_____

Authorized Signature of Tenderer:

5. Recurrent Cost Sub-Table [*insert: identifying number] –Warranty Period*

Lot number: [*if a multi-lot procurement, insert:* ***lot number, otherwise*** *state "****single lot procurement"]*** Line item number**: [***specify:* ***relevant line item number from the Recurrent Cost Summary Table–*** *(e.g., y.1)]* Currency:

[*specify:* ***the currency of the Recurrent Costs in which the costs expressed in this Sub-Table are expressed****]***

[As necessary for operation of the System, specify: ***the detailed components and quantities in the Sub-Table below for the line item specified above, modifying the sample components and sample table entries as needed.*** *Repeat the Sub-Table as needed to cover each and every line item in the Recurrent Cost Summary Table that requires elaboration.****]***

Costs MUST reflect prices and rates quoted in accordance with ITT 17 and ITT18.

		Maximum all-inclusive costs (for costs in *[insert: currency]*)						
Component No.	**Component**	**Y1**	**Y2**	**Y3**	**Y4**	**...**	**Yn**	**Sub-total for *[insert: currency]***
1.	Hardware Maintenance	Incl. in Warranty	Incl. in Warranty	Incl. in Warranty				
2.	Software Licenses & Updates	Incl. in Warranty						
2.1	System and General-Purpose Software	Incl. in Warranty						
2.2	Application, Standard and Custom Software	Incl. in Warranty						
3.	Technical Services							
3.1	Sr. Systems Analyst							
3.2	Sr. Programmer							
3.3	Sr. Network Specialist, …. etc.							
4.	Telecommunications costs [to be detailed]							
5.	[Identify other recurrent costs as may apply]							
	Annual Subtotals:							- -
Cumulative Subtotal (to *[insert:* ***currency]*** entry for *[insert:* ***line item***] in the Recurrent Cost Summary Table)								

Name of Tenderer:_____Date_____

Authorized Signature of Tenderer: _____

6. Country of Origin Code Table

Country of Origin	Country Code	Country of Origin	Country Code	Country of Origin	Country Code

Name of tenderer ……..*[insert complete name of tenderer]*

Signature of tenderer ……*[signature of person signing the Tender*

Date ……..*[Insert Date]*

Price Schedule: Goods Manufactured Outside Kenya, already imported*

(Group C Tenders, Goods already imported)
Currencies in accordance with ITT 15

Date: _____
ITT No: _____
Alternative No: _____
Page N° _____ of _____

1	2	3	4	5	6	7	8	9	10	11	12
Line Item N°	Description of Goods	Country of Origin	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price including Custom Duties and Import Taxes paid, in accordance with ITT 14.8(c)(i)	Custom Duties and Import Taxes paid per unit in accordance with ITT 14.8(c)(ii), [to be supported by documents]	Unit Price net of custom duties and import taxes, in accordance with ITT 14.8 (c) (iii) (Col. 6 minus Col.7)	Price per line item net of Custom Duties and Import Taxes paid, in accordance with ITT 14.8(c)(i) (Col. 5×8)	Price per line item for inland transportation and other services required in Kenya to convey the goods to their final destination, as specified in TDS in accordance with ITT 14.8 (c)(v)	Sales and other taxes paid or payable per item if Contract is awarded (in accordance with ITT 14.8(c)(iv)	Total Price per line item (Col. 9+10)
[insert number of the item]	*[insert name of Goods]*	*[insert country of origin of the Good]*	*[insert quoted Delivery Date]*	*[insert number of units to be supplied and name of the physical unit]*	*[insert unit price per unit]*	*[insert custom duties and taxes paid per unit]*	*[insert unit price net of custom duties and import taxes]*	*[insert price per line item net of custom duties and import taxes]*	*[insert price per line item for inland transportation and other services required in* Kenya*]*	*[insert sales and other taxes payable per item if Contract is awarded]*	*[insert total price per line item]*
										Total Tender Price	

Name of tenderer ……..*[insert complete name of tenderer]*

Signature of tenderer ……*[signature of person signing the Tende]* Date ……..

* *[For previously imported Goods, the quoted price shall be distinguishable from the original import value of these Goods declared to customs and shall include any rebate or mark-up of the local agent or representative and all local costs except import duties and taxes, which have been and/or have to be paid by the Procuring Entity. For clarity, the tenderers are asked to quote the price including import duties, and additionally to provide the import duties and the price net of import duties which is the difference of those values.]*

1. List of Goods and Delivery Schedule

[The Procuring Entity shall fill in this table, with the exception of the column "Tenderer's offered Delivery date" to be filled by the tenderer]

Line Item N°	**Description of Goods**	**Quantity**	**Physical unit**	**Final Destination as specified in TDS**	**Delivery (as per Incoterms) Date**		
					Earliest Delivery Date	**Latest Delivery Date**	**Tenderer's offered Delivery date [*to be provided by the tenderer*]**
[insert item No]	*[insert description of Goods]*	*[insert quantity of item to be supplied]*	*[insert physical unit for the quantity]*	*[insert place of Delivery]*	*[insert the number of days following the date of effectiveness the Contract]*	*[insert the number of days following the date of effectiveness the Contract]*	*[insert the number of days following the date of effectiveness the Contract]*

Beneficiary: _____

Request for Tenders No:

_____

Date: _____

TENDER GUARANTEE No.: _____

Guarantor: _____

1. We have been informed that _____ (here inafter called "the Applicant") has submitted or will submit to the Beneficiary its Tender (here inafter called" the Tender") for the execution of _____ under Request for Tenders No. _____ ("the ITT").

2. Furthermore, we understand that, according to the Beneficiary's conditions, Tenders must be supported by a Tender guarantee.

3. At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ (_____) upon receipt by us of the Beneficiary's complying demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:

(a) has withdrawn its Tender during the period of Tender validity set forth in the Applicant's Letter of Tender ("the Tender Validity Period"), or any extension thereto provided by the Applicant; or

b) having been notified of the acceptance of its Tender by the Beneficiary during the Tender Validity Period or any extension there to provided by the Applicant, (i) has failed to execute the contract agreement, or (ii) has failed to furnish the Performance.

4. This guarantee will expire: (a) if the Applicant is the successful Tenderer, upon our receipt of copies of the contract agreement signed by the Applicant and the Performance Security and, or (b) if the Applicant is not the successful Tenderer, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Tendering process; or (ii) thirty days after the end of the Tender Validity Period.

5. Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

_____

[signature(s)]

Note: All italicized text is for use in preparing this form and shall be deleted from the final product.

FORMAT OF TENDER SECURITY [Option 2–Insurance Guarantee]

TENDER GUARANTEE No.: _____

1. Whereas …… [*Name of the tenderer]* (hereinafter called "the tenderer") has submitted its tender dated …… [*Date of submission of tender]* for the …… *[Name and/or description of the tender]* (hereinafter called "the Tender") for the execution of_____under Request for Tenders No._____("the ITT").

2. KNOW ALL PEOPLE by these presents that WE …… of …… [**Name of Insurance Company**] having our registered office at …… (hereinafter called "the Guarantor"), are bound unto …….. [*Name of Procuring Entity*] (hereinafter called "the Procuring Entity") in the sum of …… (Currency and guarantee amount) for which payment well and truly to be made to the said Procuring Entity, the Guarantor binds itself, its successors and assigns, jointly and severally, firmly by these presents.

   Sealed with the Common Seal of the said Guarantor this ___day of _____ 20 __.

3. NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Applicant:

   a) has withdrawn its Tender during the period of Tender validity set forth in the Principal's Letter of Tender ("the Tender Validity Period"), or any extension thereto provided by the Principal; or

   b) having been notified of the acceptance of its Tender by the Procuring Entity during the Tender Validity Period or any extension thereto provided by the Principal; (i) failed to execute the Contract agreement; or (ii) has failed to furnish the Performance Security, in accordance with the Instructions to tenderers ("ITT") of the Procuring Entity's Tendering document.

   then the guarantee undertakes to immediately pay to the Procuring Entity up to the above amount upon receipt of the Procuring Entity's first written demand, without the Procuring Entity having to substantiate its demand, provided that in its demand the Procuring Entity shall state that the demand arises from the occurrence of any of the above events, specifying which event(s) has occurred.

4. This guarantee will expire: (a) if the Applicant is the successful Tenderer, upon our receipt of copies of the contract agreement signed by the Applicant and the Performance Security and, or (b) if the Applicant is not the successful Tenderer, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Tendering process; or (ii)twenty-eight days after the end of the Tender Validity Period.

5. Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

_____	_____
[Date]	*[Signature of the Guarantor]*
_____	_____
[Witness]	*[Seal]*

Note: All italicized text is for use in preparing this form and shall be deleted from the final product.

FORM OF TENDER-SECURING DECLARATION

[The Bidder shall complete this Form in accordance with the instructions indicated]

Date:.....*[insert date (as day, month and year) of Tender Submission]*

Tender No.:..... *[Insert number of tendering process]*

To:.....*[insert complete name of*

Purchaser] I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Tender-Securing Declaration.

2. I/We accept that I/we will automatically be suspended from being eligible for tendering in any contract with the Purchaser for the period of time of .....*[insert number of months or years]* starting on .....*[insert date]*, if we are in breach of our obligation(s) under the bid conditions, because we – (a) have withdrawn our tender during the period of tender validity specified by us in the Tendering Data Sheet; or (b) having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the instructions to tenders.

3. I/We understand that this Tender Securing Declaration shall expire if we are not the successful Tenderer(s), upon the earlier of:

   a) our receipt of a copy of your notification of the name of the successful Tenderer; or

   b) thirty days after the expiration of our Tender.

4. I/We understand that if I am/we are/in a Joint Venture, the Tender Securing Declaration must be in the name of the Joint Venture that submits the bid, and the Joint Venture has not been legally constituted at the time of bidding, the Tender Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed:……..…….....

Capacity / title (director or partner or sole proprietor, etc.) ……..……
….....

Name: …….....

Duly authorized to sign the bid for and on behalf of: .....*[insert complete name of*

Tenderer]. Dated on ..... day of..... *[Insert date of*

signing].

Seal or stamp.

MANUFACTURER'S AUTHORIZATION FORM

[The tenderer shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The tenderer shall include it in its Tender, if so indicated in the ***TDS.****]*

Date:.....*[insert date (as day, month and year) of Tender submission]*

ITT No.:.....*[insert number of ITT process]* Alternative No.:.....*[insert identification No if this is a Tender for an alternative]*

To: ..... *[Insert complete name of Procuring Entity]*

WHEREAS

We..... *[insert complete name of Manufacturer]*, who are official manufacturers of.....*[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of tenderer]* to submit a Tender the purpose of which is to provide the following Goods, manufactured by us..... *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed:..... *[Insert signature(s) of authorized representative(s) of the Manufacturer]*

Name:.....*[Insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title:..... *[Insert title]*

Dated on_____day of_____,_____*[insert date of signing]*

10. SITE SURVEY FORM

Eligible bidders MUST undertake site survey for the three lots**, lot 1:isiolo,lot2:Embu ,Lot 3: Nakuru** to familiarize themselves

A bidder MUST attach in their technical proposal submission the duly signed and stamped site survey form herein

SITE SURVEY FORM

Company Name		**Client's Name**	
	Name	**Signature**	**Date**
Company Representative			
Client's Representative (Official Stamp)			
Remarks			

PART 2 – NETWORK INFRASTRUCTURE REQUIREMENTS

SECTION V - REQUIREMENTS FOR THE MAINTENANCE NOFBI II

5.1 General

5.1.1 These specifications describe the requirements for goods. Tenderers are requested to submit with their offers the detailed specifications, drawings, catalogues, etc for the products they intend to supply

5.1.2 Tenderers must indicate on the specifications sheets whether the equipment offered comply with each specified requirement.

5.1.3 All the dimensions and capacities of the equipment to be supplied shall not be less than those required in these specifications. Deviations from the basic requirements, if any shall be explained in detail in writing with the offer, with supporting data such as calculation sheets, etc. The procuring entity reserves the right to reject the products, if such deviations shall be found critical to the use and operation of the products.

5.1.4 The tenderers are requested to present information along with their offers as follows:

(i) Shortest possible delivery period of each product
(ii) Information on proper representative and/or workshop for back-up service/repair and maintenance including their names and addresses.

5.1.5 Network Optimization and Fault Resolution

i. Network Optimization: The Contractor commits to bringing the network to optimum performance by identifying and replacing all existing temporary solutions with permanent solutions. This optimization process must be completed within two (2) quarters (six months) from the date of contract signing.
ii. Optimization Plan: Within thirty (30) days of contract signing, the Contractor shall submit a comprehensive network optimization plan to the Client. This plan will detail the temporary solutions currently in place, the proposed permanent solutions, and a timeline for the implementation of these permanent solutions.
iii. Permanent Fix Commitment: The Contractor agrees to resolve all temporary fixes done to meet the SLA into a Permanent Solution in the network infrastructure within a maximum period of two (2) months from the date of fault identification.

5.1.6 Project Implementation Team Transportation

i. Allow for Transportation of Officers from Nairobi to the site.
ii. The contractor shall facilitate 4 site-inspection trips (to and from) on a comfortable (4x4) 5-seater vehicle or Van and a competent driver all to the satisfaction of the Project Implementation Team on an annual basis.
iii. The vehicle shall be provided specifically for and during site visits and supervision by the State Department for ICT and Digital Economy. The vehicle shall be in perfect conditions for the entire duration of the trip i.e. from Telposta and Site including local running.
iv. For Mandera, Wajir, and Lamu sites, the Contractor will make provision for Air Transport for 4 officers on a quarterly basis including Airport transfers and local running
v. The driver shall be at the sole direction of the Project Implementation Team during the project Life cycle.

Background

The Government Development Blueprint, Vision 2030, seeks to spur socio-economic growth in the country through use of Information and Communications Technologies (ICTs), the Government is actively strengthening the ICT infrastructure construction, promoting the popularization of the Internet Technologies, and raising the ICT application level, so as to have an Information Society. Towards this aim, the Government, in the year 2014 laid 2,100KM of optic fiber links and IP equipment to all the 47-county headquarter including building of metropolitan area networks in all 47 county Headquarters and making them access the national backbone.

The implementation of this project aims to ease communication across counties as well as improve government service delivery to the citizens such as application of national identity cards, passports and registration of birth and death certificates. The project has been implemented in 3 phases: NOFBI Phase 1, NOFBI Phase 2, NOFBI Phase 2E. NOFBI Phase 1 commenced in 2007 while NOFBI Phase 2 was in 2014.

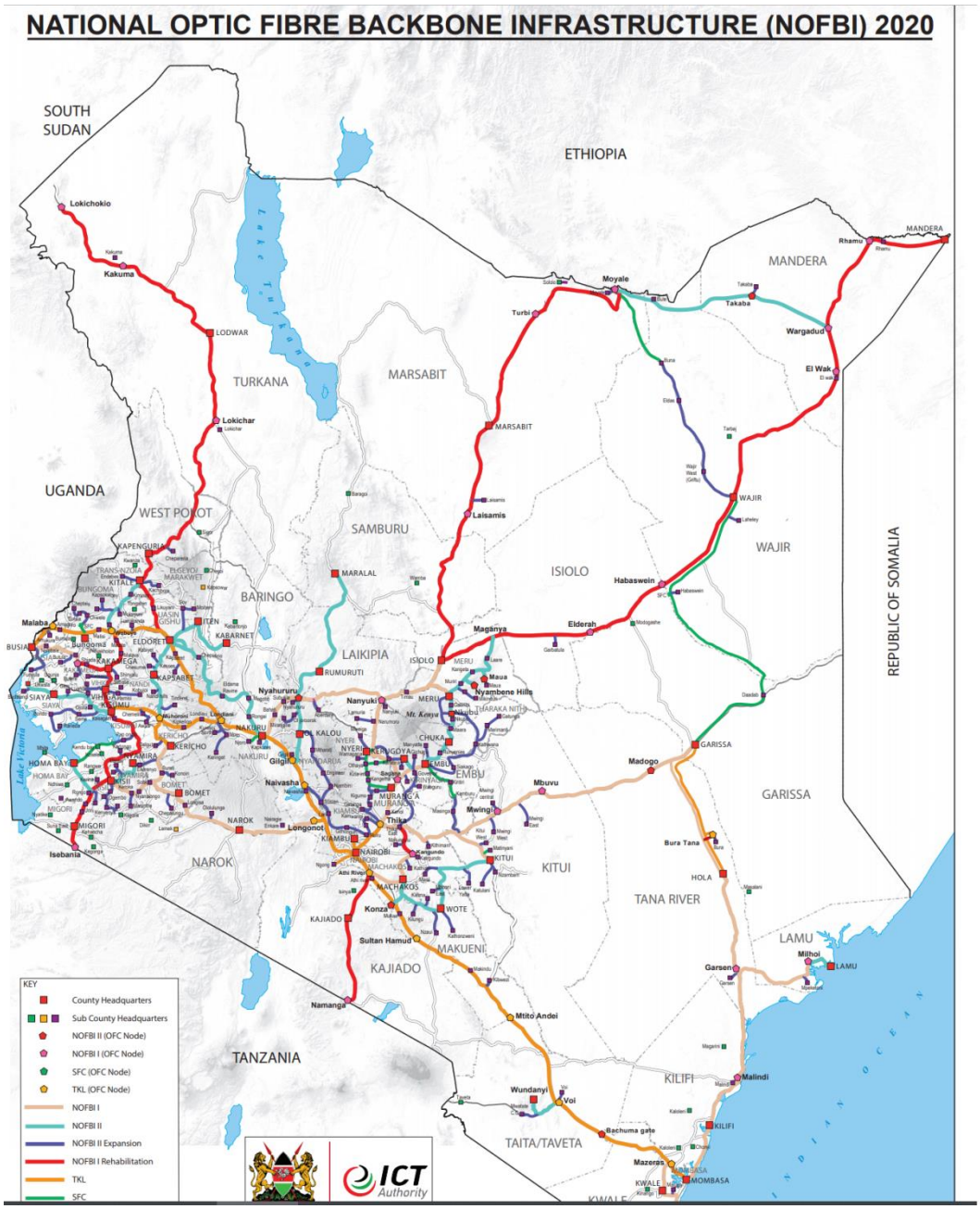

Figure 1:NOFBI MAP

Project Scope

NOFBI II Maintenance scope involve maintaining stability on the OSP Fiber network in the whole country as per the agreed service level agreement (SLA) serving the National and county Government Offices as well as most internet service providers. The scope includes:

I. Carrying out permanent solutions to all temporary fixes as per the guide by the PIC and bring service to optimal level.

II. Preventive and corrective maintenance of passive equipment.

III. Preventive and corrective maintenance of active equipment.

IV. Train Five (5) Officers on Network Certification (CCNA or HCIA) and /or transmission equipment (HCIA Transmission) per contract period.

V. Provision of Project Implementation Committee transport services

The scope of work shall involve operating and maintaining the entire NOFBI II network in Eastern Region as per the agreed service level agreement (SLA). NOFBI II is part of the wider NOFBI network serving the National and county Government Offices as well as most internet service providers. See Figure 1: NOFBI Map The scope of work shall include but not limited to:

Operations & Maintenance of Passive Equipment

The operations and maintenance of passive equipment across the 579.897 kilometers of the National Optic Fibre Backbone Infrastructure (NOFBI) in the counties of Taita Taveta, Kwale, Kilifi, Lamu, Tana River, Mandera, Wajir, Marsabit, and Isiolo are critical to ensuring the reliability and efficiency of Kenya's communication network. Passive equipment, including fiber optic cables, conduits, and other related infrastructure, forms the backbone of our network, supporting seamless connectivity and data transmission.

Our maintenance strategy focuses on regular inspections, timely repairs, and proactive upgrades to prevent service interruptions and extend the lifespan of the infrastructure. This includes monitoring for physical damages, performing necessary repairs, and ensuring that all passive components operate within optimal parameters.

By maintaining the integrity of these passive components, we aim to support the continuous, high-quality delivery of government services and communication across these counties, contributing to the broader goals of Vision 2030 and the development of a digitally empowered society.

The operations and maintenance of active equipment shall include the tabulated equipment below and associated accessories e.g. SFPs among others.

1. **Operations & Maintenance of Active Equipment**

The operations and maintenance of active equipment shall include the tabulated equipment below and associated accessories e.g. SFPs among others.

NO.	ACTIVE EQUIPMENT	MODEL	LOT 1: Eastern Region Quantity
1.	NMS	U2000	1
2.	Rack	ZPX321	19
3.	Router	NE40E-X8	16
4.	Router	NE40E-X3	13
5.	Switch	S9700	40
6.	Switch	S5700	154
7.	Firewall	Eudemon 1000E	15
8.	Firewall	Eudemon 200E	26
9.	Transmission	OSN6800	3
10.	Transmission	OSN3800	20
11.	Transmission	OSN3500	5
12.	Transmission	OSN2500	14
13.	Transmission	OSN1500B	37
14.	POWER	TP48300	8
15.	POWER	TP48200	13
16.	UPS	UPS 3KVA	40
17.	UPS	UPS 2KVA	133
18.	Power Distribution Unit	DC Power Distribution Unit	25
19.	Power	ET 4890	1
20.	Power	ETP 4830	17
21.	OSN Cabinet	N63E Assemble Rack	5
22.	ODF Cabinet	Combined Distribution Cabinet	18

NB: The detailed distribution of these equipment will be provided

1) Operations & Maintenance of Passive Equipment

Fiber Optical Cable			
SERVICE	**Activities expected**	**Complied (YES/NO)**	**Bidder's Response**
Baseline Survey	Comprehensive assessment of the current status of the Passive materials at the start of the contract, carry out a comprehensive assessment of the network service to bring all the passive components of the network to acceptable health levels and update the AS-Built diagrams (OSP, Metro, Backbone and equipment) and provide a report detailing this task and also showing the cores utilization of the NOFBI network. ○ **This should be done within one (1) month with involvement of all the stakeholders.**		
Baseline Survey	Comprehensive assessment of the current status of the active equipment at the start of the contract, carry out a comprehensive assessment of the network service to bring all the active components of the network to acceptable health levels and provide a report detailing this task. **This should be done within one (1) month with involvement of all the stakeholders.**		
Preventive Maintenance	The scope of work includes but not limited to: ● Visualization such as inspection of Fiber termination points; ● Verify the situations of the route whether the soil backfilled and the protected facilities is fixed enough or not;		

	● Conduct sample tests on fibers to ensure fibers retain their high performance in terms of loss at connectors and splices by measuring fiber attenuation and fiber continuity. A report will be generated for each of the tests conducted and shared with the client; ● Checking if the road or the roadway under construction has not inflicted damage to the fiber infrastructure or if any works are being performed on the route and rectify when the damage is caused or occurs. ● Patrolling fibre path route periodically; ● Check for changes in geology along the optical cable route, such as sink holes, landslides, water and soil erosion on or near the route and any damages that may have occurred along the optical cable route; ● Check whether the markers and marker plates are intact, lost or damaged along the optical cable duct route, replace or repair if necessary; ● Educate the local community on the significance of the communication duct and its optical cable; ● Maintenance contractor shall record all observations and keep records of problems that may occur or have been rectified which shall be submitted to the client ● Ensure the protection layers for the ducts such as stone pitching, bridge attachment, gabions and cables, which pass through any barriers, remain intact; ● Supervising other optical cable		

	route construction/or any other construction occurring along the cable route ● Supervising any player who has authority to intercept fiber cable and ensure required standards are adhered to ● A summary of all the above activities must be recorded weekly to ensure the latest fiber status is available and updated for cases of fiber failure. ● In the event of preventive maintenance which would require Contractor to undertake execution work, Contractor shall give an advance notice to the client. ● The Preventive maintenance should be carried out quarterly and a report done to Client which should include and not limited to; updated Asbuilt drawings(OSP, backbone, metro, equipment) and as an updated list of cores utilization in the network		
Corrective Maintenance	● The bidder will be required to provide corrective maintenance on fiber as and when required. ● The same should be done within the provisions of SLA. ● This is meant to immediately restore full services as per the client. Standards and Standard Operation Procedure (SOP)		
Permanent Repair	● After corrective maintenance the bidder will be required to permanently restore full service and the facilities to the formal or agreed status and standards, and to report the permanent solutions to the client. ● The permanent repair must		

	comply with wayleave. ● The restored service shall be as per the client. Standards and Standard Operation Procedure (SOP) ● The costs for **fiber relocation** services **must** be covered within the price schedule as per the Scope of Works (SoW)		

a) OSP Maintenance specifications and Materials.

The bidder shall be required to stock at least 5% of the total OSP materials on all the links at any specific time to ensure availability of enough spares.

No.	Material Supply and Installation	Specification	Complied (YES/NO)	COMMENTS
1.	Supply & Install HDPE pipe with Silicon core(Φ33/40mm) and necessary accessories	1. High density polyethylene (HDPE) with silicone inner layer 2. These ducts must have 40mm exterior side and 33mm inner diameter, and must support OFC by blowing at 2km distance using a 10-bar pressure. 3. The drum length is 2km. 4. The duct will be white in color, with 2mm thick single red strip externally (at every 90° angle) and cream on the inner side. 4. Duct labelling will be as follows: =HDPE Silicon Duct= =ø 40/33mm G.O.K-M.O.I.C.T -2021= =xxxxm=. Spacing of the labeling will be 1.0m. (The year will be changed to the right year of manufacture) 5. Supply and install the HDPE pipe including supply and		

No.	Material Supply and Installation	Specification	Complied (YES/NO)	COMMENTS
		installation of all the couplers, end plugs, etc.		
2.	Supply & Install HDPE pipe with Silicon core(Φ26/32mm) and necessary accessories	1. High density polyethylene (HDPE) with silicone inner layer 2. These ducts must have 32mm exterior side and 26mm inner diameter, and must support OFC by blowing at 2km distance using a 10 bar pressure. 3. The drum length is 2km. 4. The duct will be white in color, with 2mm thick single red strip externally (at every 90° angle) and cream on the inner side. 5. Duct labeling will be as follows: =HDPE Silicon Duct= =ø 32/26mm G.O.K-M.O.I.C. T-2021= =xxxxm=. Spacing of the labeling will be 1.0m. (The year will be changed to the right year of manufacture) 6. Supply and install the HDPE pipe including supply and installation of all the couplers, end plugs, etc.		
3.	Supply & Install HDPE pipe Φ110mm (PN10) and necessary accessories	1. High density polyethylene (HDPE) with silicone inner layer 2. These ducts must have 110mm exterior diameter, and must support PN10. 3. The drum length is 50m. 4. The duct will be white in color, with 2mm thick single		

No.	Material Supply and Installation	Specification	Complied (YES/NO)	COMMENTS
		red strip externally (at every 90° angle) and cream on the inner side. 4. Duct labeling will be as follows: =HDPE Silicon Duct= =ø 110mm G.O.K-M.O.I.C. T/-2021= =xxxxm=. Spacing of the labeling will be 1.0m. (The year will be changed to the right year of manufacture) 5. Supply and install the HDPE pipe including supply and installation of all the couplers, end plugs, etc.		
4.	Supply & Install Warning Tape	1. The warning tape shall be made of PVC OR PE having approximately 10cm in width and 0.1mm in thickness 2. The background color of the warning tape shall be yellow 3. The mark words shall be enlarged up to the full width of the warning tape and shall be durably printed in black color 2 meter apart 4. The words; 'CAUTION: Do not dig! NOFBI O.F.C Cable underneath: Government Of Kenya-M.O.I.C.T, Contact Principal Secretary, M.O.I.C.T' shall be displayed on the warning tape at intervals of half (0.5) meters.		
5.	Supply & Install Plastic Joint Marker	1. Marker post made of solid hardened plastic material;		

No.	Material Supply and Installation	Specification	Complied (YES/NO)	COMMENTS
		2. The marker posts to be painted white (2 coats) but the base not to be painted. 3. The Labelling has text height of 25mm (with J having 60mm height) and 15mm spacing between the lines, all black in color and sink engraved to 2mm depth. 4. All post surfaces to be fully smooth 5. 400mm of the marker post to be above the ground surface		
6.	Supply & Install Plastic Directional Marker	1. Marker post made of solid hardened plastic material; 2. The marker posts to be painted white (2 coats) but the base not to be painted. 3. The Labelling has text height of 25mm (with < having 60mm height) and 15mm spacing between the lines, all black in colour and sink engraved to 2mm depth. 4. All post surfaces to be fully smooth 5. 400mm of the marker post to be above the ground surface		
7.	Supply and Install Handhole with cover and necessary accessories	1. Plastic material 2. Approximate Inner dimension: depth is 900mm, diameter is 1000mm. 3. 3 cable run directions at least. 4. 3 Joint box hanging mechanism at least.		

No.	Material Supply and Installation	Specification	Complied (YES/NO)	COMMENTS
		5. Cover branded Government of Kenya M.O.I.C.T/ICTA and court of arms logo. 6. Body branded Government of Kenya M.O.I.C.T/ICTA and court of arms logo twice.		
8.	Supply & Install 25ft dressed wooden pole – Temporal fix	Chemical treated wooden pole, 10m length, top diameter 140-200mm, top cover should be galvanized steel material, the diameter should be 100mm more than top diameter of the pole.		
9.	Supply & Install Two thimble eye bolt, 0.25-inch-thick strand wire, concrete attached anchor bolt	Two thimble eye bolts, 0.25-inch-thick strand wire, concrete attached anchor bolt		
10.	Supply of OFC 24 Core with accessories;	ITU G652		
11.	Supply of OFC 48 Core with accessories;	ITU G652		
12.	Supply of closure kit/joint box	Standard domed shaped closure kit as per SOP		
13.	Supply of (ODF) Optical Distribution Frame	24,48,96 cores Optical Distribution Frame		

b) Implementation Procedure

The OSP implementation shall comply to the approved designs (see Annex 5: NOFBI Design Specifications)

NO	OSP Implementation	Permanent Repair Standards/Specifications	Complied (YES/NO)	COMMENTS
1.	OFC Installation Civil Work-Backbone	● Preparatory works: Engineering measurement, route cleaning, calibration and cleaning of existing duct if applicable, ● Trenching including excavation, backfilling, laying warning tape, and compaction in all soils. The trench width should be 300mm, the trench depth should be 1500mm in soils exclude rocky soil, 1000mm in soft rock, 600mm in hard rock. ● Breaking and reinstatement of road surface. ● Laying ducts: 1*O.D.40mm HPDE pipe in trench or duct. ● Installation of handhole as per specifications and averagely, install at an interval of 4km. ● Installation of reinforced manhole at two ends of backbone when approaching town or city. ● Installation of road marker as per specification. ● Road crossing by trenching or thrust boring or directional drilling for different grade of roads in Kenya as per specification, including 110mm HDPE pipe installation. ● Bridge crossing by bridge attachment as per design (generally, 3 types)		

NO	OSP Implementation	Permanent Repair Standards/Specifications	Complied (YES/NO)	COMMENTS
		● River crossing by trenching or non-trenching, including C15 concrete envelop protection and scree bag protection as per specification. o 20mm*200mm C15 concrete envelop protection in rocky trench or where else required. o Other O.F.C cable duct protection, such as slope protection, stone pitching, gabion protection, etc. as per specification. ● BOSAL works for site or building entry including supply all the BOSAL work materials. ● The bidder shall be responsible for all inland to Site. ● The bidder shall be responsible for all security for site activities where requires.		
2.	OFC Installation Civil Work-Metro	The OFC Implementation Civil Work should be done on Turnkey basis: ● Preparatory works: Engineering measurement, route cleaning, calibration and cleaning of existing duct if applicable, ● Trenching including excavation, backfilling, laying warning tape, and compaction in all soils. The trench width should be 300mm, the trench depth should be 1500mm in soils		

NO	OSP Implementation	Permanent Repair Standards/Specifications	Complied (YES/NO)	COMMENTS
		exclude rocky soil, 1000mm in soft rock, 600mm in hard rock. ● Breaking and reinstatement of road surface. ● Laying ducts: 2*O.D.32mm HDPE and 1*O.D.40mm HDPE Pipe in trench or duct ● Installation of reinforced manhole: Averagely, install at an interval of 200m in town or city (manhole cover will be supplied by bidder as well) ● Road crossing by trenching or thrust boring or directional drilling for different grade of roads in Kenya as per specification, including 110mm HDPE pipe installation. ● Bridge crossing by bridge attachment as per design (generally, 3 types) ● River crossing by trenching or non-trenching, including C15 concrete envelop protection and scree bag protection as per specification. o 20mm*200mm C15 concrete envelop protection in rocky trench or where else required. o Other O.F.C cable duct protection, such as slope protection, stone pitching, gabion protection, etc. as per specification. ● BOSAL works for site or building entry including		

NO	OSP Implementation	Permanent Repair Standards/Specifications	Complied (YES/NO)	COMMENTS
		supply all the BOSAL work materials. ● The bidder shall be responsible for all security for site activities where requires.		
3.	Installation of reinforced concrete precast big manhole with polymer cover and lock mechanics (LxWxD=1312mm x 1230mm x 1300mm)with accessory	● Dig the manhole pit which is fit for the manhole installation. ● This reinforced concrete manhole can be precasted ● Install the manhole and passive components such as bolts, nuts, bracket. ● Supply and install a Polymer manhole cover as per specifications ● Labeling shall be done using Stencil on both cover, body and inner side of the wall after installation, the serial number will follow approved design. ● Backfill and compact the soil after manhole installation. ● The size of the manhole is 1312mm*1230mm*1300mm (L*W*D) ● Concrete grade to be C20.		
4.	Installation of reinforced concrete precast small manhole with polymer cover and lock mechanics (LxWxD=1000mm x 800mm x 1300mm) with accessory	● Dig the manhole pit which is fit for the manhole installation. ● This reinforced concrete manhole can be precasted ● Install the manhole and passive components such as bolts, nuts, bracket. ● Supply and install manhole Polymer cover ● Labeling shall be painted on both cover and body after installation, the serial number will follow design		

NO	OSP Implementation	Permanent Repair Standards/Specifications	Complied (YES/NO)	COMMENTS
		● Backfill and compact the soil after manhole installation. ● The size of the manhole is 1000mm*800mm*1300mm (L*W*D) ● Concrete grade to be C20.		
5.	Installation of Handhole (φ515mm) with accessory for rural area	● Dig the handhole pit as per the specification for the handhole installation. ● Install the handhole and passive components. ● Backfill and compact the soil after handhole installation. ● The bidder shall be responsible for all transportation to Site. ● Labeling shall be done using Stencil on both cover, body and inner side of the wall after installation, the serial number will follow approved design. ● The bidder shall provide security		
6.	OFC Installation - Backbone	● OFC Cable blowing or pulling (48 cores or 24core) as per the design ● Bidder shall supply the OSP materials as follows: OFC cables and all its accessories, OFC cable joint closures, accessories, tools, staffs, machines, etc. for completion of works. -The bidder works shall follow all the project specification, requirement and clients standards. -The bidder shall be responsible for all transportation to Site. -The bidder shall be		

NO	OSP Implementation	Permanent Repair Standards/Specifications	Complied (YES/NO)	COMMENTS
		responsible for all security for site activities where required.		
7.	OFC Installation - Metro	The OFC Implementation O.F.Cable Work should be done on Turnkey basis: ● O.F.Cable blowing or pulling (48 cores or 24 cores) ● Bidder shall supply the OSP materials as follows: OFC cables, OFC cable joint closures, ODFs, Cabinets, accessories, tools, staffs, machines, etc. for completion of works. ● The bidders' works shall follow all the project specification, requirement and clients' standards. ● The bidder shall be responsible for all transportation to Site. ● The bidder shall be responsible for all security for site activities where requires.		
8.	OFC Aerial Installation	● Pole erection - Includes digging a hole and installation of dressed pole ● Laying overhead cable ● Installation of Two thimble eye bolt, 0.25-inch-thick strand wire, concrete attached anchor bolt ● Pole supply and transport when required		
9.	O.F. Cable Splicing & Test	● Splicing and testing of fibers on site		

NO	OSP Implementation	Permanent Repair Standards/Specifications	Complied (YES/NO)	COMMENTS
		• Attenuation coefficient, length, position and loss of all splice joints shall be measured in accordance with IEC 793-1 and EIA 455 standards using an Optical Time Domain Reflect meter (OTDR) and a buffer fiber should be used in the measurements. The results shall be recorded as a trace and in a table format. The length of fiber should be tested at the same time.		
10.	O.F. Cable Termination & Test	• OFC termination by fusion & testing • After installation of the cables and termination racks. • All cores should be terminated.		

c) OSP Spare Parts

The bidder shall at any time maintain an inventory of at least below materials to ensure availability of enough spare parts for maintenance services. The client shall check the inventory monthly and must be given access to the inventory system at all times. The bidder should provide a **commitment letter** for the same.

No	Description	Unit	Qty
1.	**Material Supply and Installation**		
2.	Supply of HDPE pipe with Silicon core(Φ33/40mm) and necessary accessories	m	5000
3.	Supply of HDPE pipe with Silicon core(Φ26/32mm) and necessary accessories	m	5000
4.	Supply of HDPE pipe Φ110mm (PN10) and necessary accessories	m	500
5.	Supply of Warning Tape	m	5000
6.	Supply of Plastic Joint Marker	Pcs	20

7.	Supply of Plastic Directional Marker	Pcs	20
8.	Supply of Handhole with cover and necessary accessories	Pcs	10
9.	Supply of 25ft dressed wooden pole	Pcs	30
10.	Supply of Two thimble eye bolt, 0.25-inch-thick strand wire, concrete attached anchor bolt	Pcs	30
11.	Supply of 48 core optic fiber cable	M	6000
12.	Supply of 24 core optic fiber cable	M	12000
13.	Supply of Polymer Manhole Covers	Pcs	10
14.	Supply of dome shaped enclosure kit /joint box	Pcs	50

NB: The minimum quantities will be agreed upon during negotiation and signing of the contract

2) OPERATIONS & MAINTENANCE OF ACTIVE EQUIPMENT

a. Preventive and Corrective Maintenance

The Bidder shall undertake all measures to maintain the optimal performance of the network equipment which shall include but not be limited to the following:

NO.	Activities expected	Complied (YES/NO)	COMMENTS
1.	Comprehensive Assessment of the current status of all the active equipment		
2.	The Bidder shall undertake all measures to maintain the optimal performance of the network equipment which shall include but not be limited to the following: • Regular servicing • Support of network equipment • Attending corrective maintenance within minimum time period.		
3.	The bidder shall also be responsible routine maintenance and permanent replace of faulty equipment during the period of the contract Routine maintenance activities which shall be done Quarterly shall include but not limited to: 1) Check equipment environment for equipment 2) Check cabinet environment (air conditioning and powering etc.) 3) Equipment Health check 4) Check interface configuration 5) Check service running 6) Check hardware status and fans etc. 7) Active Equipment maintenance specifications		
4.	Preventive Maintenance should be carried out with prior approval from the client responsible and during planned		

NO.	Activities expected	Complied (YES/NO)	COMMENTS
	shutdown period.		
5.	After attending the fault & permanent restoration, a Fault-Rectification report, jointly signed by client's representative & Bidder representative shall be generated for the closure of the complaint.		
6.	All the resources required for the restoration of the equipment shall be borne by the Bidder.		
7.	Perform corrective maintenance including replacement of faulty parts, quarterly routine maintenance and scheduled maintenance (as may be required by either manufacturer or client responsible) on active equipment and equipment's power systems and submit the reports to the client responsible.		
8.	The bidder shall have Manufacturer authorization with all active equipment and power equipment on support and upgrades and communicate the same to the client on existing support levels on each equipment.		
9.	Permanent restoration of equipment failure is to be carried out by Bidder as per the SLA		
10.	The Bidder as part of his proposal has to submit a detailed plan for the maintenance of the network equipment including the details of the manpower and equipment proposed to be located at different sites to fulfill the tender conditions.		
11.	The Bidder shall meet the defined SLAs for uptime of the network equipment maintenance and should ensure low turnaround time in the event of equipment failure.		
12.	The Bidder should have the Back-to-Back support agreements with OEM to ensure the smooth working and achieve highest uptime on the offered networking		

NO.	Activities expected	Complied (YES/NO)	COMMENTS
	equipment.		
13.	Further the bidder should ensure the RMA support in case of equipment failure. The replacement of faulty equipment should match the performance requirements of existing equipment or better. Bidder SHOULD attach supporting documentation for OEM and RMA.		
14.	The Bidder has to make their own arrangements to fulfil all delivery formalities like payment of licenses, taxes, etc. and should not involve client in these activities.		
15.	The Bidder shall provide all future software upgrades and patches for all components of the equipment and assist client or existing Network/Security Integrators to install the same, if client desires during period of contract based on negotiated and agreed terms.		
16.	The technology partners, including OEM will be required to submit an undertaking, explicitly stating their commitment to provide full technical, spares, operational and maintenance support to client responsible during the contract period.		
17.	Through preventive maintenance the bidder shall ensure that equipment are kept in recommended working condition, check the availability of earthing, UPS power supply etc. and submit the preventive maintenance report to client responsible.		
18.	The Bidder shall provide a high-quality Network maintenance service as per the SLA		
19.	Configure the network services as per the client's requirements. These include among others configurations to meet new requirements, change of design, security, QoS, traffic engineering, business		

NO.	Activities expected	Complied (YES/NO)	COMMENTS
	continuity and disaster recovery.		
20.	Provide online problem/incident/information logging system with detailed escalation procedures as well as weekly and monthly reports on operations & maintenance activities and performance against SLA.		
21.	Provide onsite 2nd level technical assistance to the network engineers/administrators team at the Headquarters responsible for the installation, maintenance and support of the NOFBI equipment.		
22.	The costs for **Active Equipment relocation** must be covered within the price schedule as per the Scope of Works (SoW)		

b. Other Maintenance services

The maintenance support for the equipment shall also include the following services but not limited to:

Service Content	Service Overview	Complied (YES/NO)	COMMENTS
Training and Support			

1.	Help Desk	The help desk shall serve as the interface and platform to provide technical support to the client. It receives, handles, and tracks customer service requests (CSRs) and tickets. Name of the Authorized contact person: Hotline/Phone number: Online support Website: Mail Contact:		
2.	Onsite Technical support and information sharing	These shall involve the sharing of the latest equipment information, maintenance Support experience and skills		
3.	Remote customer service request (CSR) handling	This shall Include technical enquiry and problem handling by mail\ call or remote support. Technical enquiry service means clarification of customers' queries of equipment functions, specifications, operation, and configuration during routine O&M. Problem handling service means provision of effective solution within the agreed SLA.		
4.	Remote emergency recovery	Provision of remote support service for Customer to recover services once		

		network faces a critical problem or in emergency.		
5.	Software update	Provision of latest applicable software updates (including correction patches and basic performance enhancement patch) to the customer, where needed.		
6.	Software update assessment	Provision of implementation feasibility and risk assessment of installing software patches on customer networks.		
7.	Software update first node implementation	Installs software patches on the first node. (NE Software upgrade remotely via U2000 or NCE)		
8.	Power component	Installation and maintenance of Power components and associated equipment and software support for Power NMS(NetEco)		
9.	Advance Hardware replacement.	This shall include first handling the problem remotely. If the problem is not resolved without replacing the hardware, the bidder shall assign experienced technical support engineers to site as per the time defined in the SLA. The engineers will replace the hardware and rectify the fault to restore all the service within the SLA. After replacing the hardware, the bidder shall return the		

		defective equipment back to warehouse upon approval from the client. All the transportation cost shall be responsibility of the bidder		
10.	Provision of Spare Parts	The bidder shall at any time maintain an inventory of materials to ensure availability of enough spare parts for maintenance services. The client shall check the inventory monthly. Refer Active equipment spare parts		
11.	Technical assistance	Hardware maintenance, technical assistance and operational support		
12.	Baseline Survey	Comprehensive assessment of the current status of the Passive and Active equipment		
13.	Logical network Optimization (IP Equipment)	a) Relocation of equipment b) Configuration and Reconfiguration of equipment c) Decommissioning of equipment d) Commissioning of new equipment e) Commissioning/ provision of new service to new clients f) Decommissioning of services		
14.	Logical network Optimization (Transmission Equipment)	a) Relocation of equipment b) Configuration and Reconfiguration of equipment		

		c) Configuration of Layer 2 services e.g. STM/VC4/Lambda etc. d) Decommissioning of equipment e) Commissioning of new equipment f) Commissioning/ provision of new service to new clients g) Decommissioning of services		
15.	Power Equipment	Works including but not limited to: • Installation and maintenance of Power components and associated equipment and software support for Power NMS(NetEco) • Relocation of equipment • Optimization of equipment • Replacement of power accessories (battery modules, breakers, rectifiers etc).		
16.	Preventive maintenance per Km of fiber	a) Route Monitoring b) Restoration of services		
17.	Preventive maintenance per single equipment	- Replacing faulty equipment - Routine maintenance to ensure optimum operation		
18.	Corrective maintenance per Km of fiber (Permanent Restoration).	a) Preparation of design document b) Acquisition of relevant Permit. c) Undertake works including but not limited to: Construction and sealing of Manholes,		

		Trenching, Micro tunneling /Thrust Boring/Drilling, Installation of ducts, Installation of fiber, Splicing, Terminating and Testing of OFC Cable. d) Update the as-built designs.		
19.	Training	a) On-job Training for 10 ICT Officers at the Headquarters and 2 ICT Officers per County within the regions		
20.	**Documentation**	a) High and Low Level "As Built" documentation plans for the physical network. b) High and Low Level "As Built" documentation plans for the logical network. c) Configurations documentations plans of all the active equipment, d) Licenses Documents plans e) "How to" guides for basic troubleshooting and additional service provisions plans		
21.	Annual SLA Support	***A draft Service Level Agreement must be attached***		
22.	Miscellaneous			

Active Equipment Spare parts

The bidder shall at any time maintain an inventory of all equipment necessary for optimum operation of the network so as to ensure 99.9% uptime, this is to ensure availability of enough spare parts for maintenance services. The client shall check the inventory regularly.

No.	Type	Specification	Quantity
1	Router	NE40E-X8	1
2	Router	NE40E-X3	1
3	Switch	S9700	5
4	Switch	S5700	10
5	Firewall	Eudemon 1000E	1
6	Firewall	Eudemon 200E	1
7	Transmission	OSN6800	1
8	Transmission	OSN3800	1
9	Transmission	OSN3500	1
10	Transmission	OSN2500	1
11	Transmission	OSN1500B	1
12	Power	TP48300	1
13	Power	TP48200	1
14	UPS	UPS 3KVA	1
15	UPS	UPS 2KVA	1
16	Huawei SFP (40KM)	Huawei SFP (40KM)	4
17	Huawei SFP (80KM)	Huawei SFP (80KM)	4
18	Huawei SFP (120KM)	Huawei SFP (120KM)	4

Service Level Agreement

The bidder shall present a proposed SLA which should include but not limited to the following: -

a) Permanent solutions
b) Incident/ problem reporting
c) Fault categorization
d) Reported incident escalation procedure
e) Maintenance of fiber network
f) Access by Supplier
g) Incident resolution times
h) Service credits
i) Miscellaneous provisions

NB: Bidders are required to propose a draft Service Level Agreement **whose parameters are aligned and exceeds theattached SLA** (See Annex 1:).

5.4 Training

a) On-job training shall be conducted to at least two county ICT officers within the region and at least ten officers at the headquarter managing NOFBI..

5.5 Documentation

The bidder shall provide all the necessary documentation plans that shall identify all the works undertaken under this project. The documentation shall also indicate the implementation detail sheets that have been corrected to reflect any changes during implementation. These documentations shall include but not limited to:

1) Initial Inception report highlighting the comprehensive assessment of the network; status of the active equipment; Optic fiber cable status and core utilization among others
2) High and Low Level "As Built" documentation plans for the physical network.
3) High and Low Level "As Built" documentation plans for the logical network.
4) Configurations documentations plans of all the active equipment, NMS
5) Licenses Documents plans
6) "How to" guides for basic troubleshooting and additional service provisions plans
7) Monthly preventive maintenance reports that should include but not limed to corrective maintenance, traffic utilization and power reports
8) Asset inventory report for the entire scope

5.6 Damage to existing equipment

Damages attributable to the contractor or the contractor's agents and/or assignees to any of the existing equipment or systems will be repaired or replaced by the contractor . The costs associated with such repairs and/or replacements shall be borne by the Contractor.

5.7 Bidder's Responsibilities

The bidder shall do the work with due care and diligence and in accordance with the contractual agreement terms as signed in the contract and in strict adherence to best industry practices.

5.8 Acceptance

The client's acceptance will be based on Performance as per SLA, visual inspection and satisfaction of the works done during installation, hardware and other works done well within the project period as well as the technical tests carried out to ensure that they fully passed after project completion. Acceptance will only be sanctioned after all technical tests have been ascertained to be in order, true and in visual control certified by the technical team on the works done by the bidder in strict compliance with the contractual terms

PART 3 – CONDITIONS OF CONTRACT ANDCONTRACT FORM

SECTION VI - GENERAL CONDITIONS OF CONTRACT

1. Definitions

In the Conditions of Contract ("these Conditions"), which include Special Conditions, Parts A and B, and these General Conditions, the following words and expressions shall have the meanings stated. Words indicating persons or parties include corporations and other legal entities, except where the context requires otherwise.

a) "Contract" means the Contract Agreement entered into between the Procuring Entity and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.

d) "Day" means calendar day.

e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

f) "GCC" means the General Conditions of Contract.

g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Procuring Entity under the Contract.

h) "Procuring Entity" means the Procuring Entity purchasing the Goods and Related Services, as **specified in the SCC.**

i) "Related Services" means the services incidental to the supply of the goods, such as insurance, delivery, installation, commissioning, training and initial maintenance and other such obligations of the Supplier under the Contract.

j) "SCC" means the Special Conditions of Contract.

k) "Subcontractor" means any person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

l) "Supplier" means the person, private or government entity, or a combination of the above, whose Tender to perform the Contract has been accepted by the Procuring Entity and is named as such in the Contract Agreement.

m) **"Base Date"** means a date 30 day prior to the submission of tenders.

n) **"Laws"** means all national legislation, statutes, ordinances, and regulations and by-laws of any legally constituted public authority.

o) **"Letter of Acceptance"** means the letter of formal acceptance, signed by the contractor. Procuring Entity, including any annexed memoranda comprising agreements between and signed by both Parties.

p) **"Procuring Entity"** means the Entity named in the Special Conditions of Contract.

2. Interpretation

2.1. If the context so requires it, singular means plural and vice versa.

2.2. Incoterms

a) Unless inconsistent with any provision of the Contract**,** the meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms **specified in the SCC**.

b) The terms EXW and CIP and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms specified in the **SCC** and published by the International Chamber of Commerce in Paris, France.

3. Contract Documents

Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole. The documents forming the Contract shall be interpreted in the following order of priority:

a) the Contract Agreement,
b) the Letter of Acceptance,
c) the General Conditions of Contract
d) Special Conditions of Contract
e) the Form of Tender,
f) the Specifications and Schedules of the Drawings (if any), and
g) the Schedules of Requirements, Price Schedule and any other documents forming part of the Contract.

4. Fraud and Corruption

3.1 The supplier shall comply with anti-corruption laws and guidelines and the prevailing sanctions, policies and procedures as set forth in the Laws of Kenya.

3.2 The Supplier shall disclose any commissions, gratuity or fees that may have been paid or are to be paid to agents or any other person with respect to the Tendering process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

4.1 Entire Agreement

4.3.1 The Contract constitutes the entire agreement between the Procuring Entity and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.2 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.3 Non-waiver

a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.4 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable,

such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Procuring Entity, shall be written in the **English Language.** Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate and certified translation of the relevant passages in the **English Language,** in which case, for purposes of interpretation of the Contract, the English language is translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Procuring Entity for the fulfilment of the provisions of the Contract and shall designate one member of the joint venture, consortium, or association to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior written consent of the Procuring Entity.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Sub- contractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

7.3 The Tenderer, if a Kenyan firm, must submit with its tender a valid tax compliance certificate from the Kenya Revenue Authority.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the **SCC.** The term "in writing" means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of Kenya.

9.2 Throughout the execution of the Contract, the Supplier shall comply with the import of goods and services prohibitions in Kenya:

a) where, as a matter of law, compliance or official regulations, Kenya prohibits commercial relations with that country or any import of goods from that country or any payments to any country, person, or entity in that country ; or

b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, Kenya prohibits any import of goods from that country or any payments to any country, person, or entity.

10. Settlement of Disputes

10.1 The Procuring Entity and the Supplier shall make every effort to resolve amicably by direct negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Procuring Entity or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

10.2 Arbitration proceedings shall be conducted as follows:

10.2.1 Any claim or dispute between the Parties arising out of or in connection with the Contract not settled amicably in accordance with Sub-Clause 10.1 shall be finally settled by arbitration.

10.2.2 No arbitration proceedings shall be commenced on any claim or dispute where notice of a claim or dispute has not been given by the applying party within thirty days of the occurrence or discovery of the matter or issue giving rise to the dispute.

10.2.3 Notwithstanding the issue of a notice as stated above, the arbitration of such a claim or dispute shall not commence unless an attempt has in the first instance been made by the parties to settle such claim or dispute amicably with or without the assistance of third parties. Proof of such attempt shall be required.

10.2.4 The Arbitrator shall, without prejudice to the generality of his powers, have powers to direct such measurements, computations, or valuations as may in his opinion be desirable in order to determine the rights of the parties and assess and award any sums which ought to have been the subject of or included in any due payments.

10.2.5 Neither Party shall be limited in the proceedings before the arbitrators to the evidence, or to the reasons for the dispute given in its notice of a claim or dispute.

10.2.6 Arbitration may be commenced prior to or after delivery of the goods. The obligations of the Parties shall not be altered by reason of any arbitration being conducted during the progress of the delivery of goods.

10.2.7 The terms of the remuneration of each or all the members of Arbitration shall be mutually agreed upon by the Parties when agreeing the terms of appointment. Each Party shall be responsible for paying one-half of this remuneration.

10.3 Arbitration Proceedings

10.3.1 Arbitration proceedings with national suppliers will be conducted in accordance with the Arbitration Laws of Kenya. In case of any claim or dispute, such claim or dispute shall be notified in writing by either party to the other with a request to submit it to arbitration and to concur in the appointment of an Arbitrator within thirty days of the notice. The dispute shall be referred to the arbitration and final decision of a person or persons to be agreed between the parties. Failing agreement to concur in the appointment of an Arbitrator, the Arbitrator shall be appointed, on the request of the applying party, by the Chairman or Vice Chairman of any of the following professional institutions;

i) Kenya National Chamber of Commerce

ii) Chartered Institute of Arbitrators (Kenya Branch)

iii) The Law Society of Kenya

10.3.2 The institution written to first by the aggrieved party shall take precedence over all other institutions.

10.3.3 Alternative Arbitration Proceedings

Alternatively, the Parties may refer the matter to the Nairobi Centre for International Arbitration (NCIA) which offers a neutral venue for the conduct of national and international arbitration with commitment to providing institutional support to the arbitral process.

10.4 Arbitration with Foreign Suppliers

10.4.1 Arbitration with foreign suppliers shall be conducted in accordance with the arbitration rules of the United Nations Commission on International Trade Law (UNCITRAL); or with proceedings administered by the International Chamber of Commerce (ICC) and conducted under the ICC Rules of Arbitration; by one or more arbitrators appointed in accordance with said arbitration rules.

10.4.2 The place of arbitration shall be a location specified in the **SCC;** and the arbitration shall be conducted in the language for communications defined in Sub-Clause 1.4 [Law and Language].

10.5 Alternative Arbitration Proceedings

Alternatively, the Parties may refer the matter to the Nairobi Centre for International Arbitration (NCIA) which offers a neutral venue for the conduct of national and international arbitration with commitment to providing institutional support to the arbitral process.

10.6 Failure to Comply with Arbitrator's Decision

10.6.1 The award of such Arbitrator shall be final and binding upon the parties.

10.6.1 In the event that a Party fails to comply with a final and binding Arbitrator's decision, then the other Party may, without prejudice to any other rights it may have, refer the matter to a competent court of law.

10.7 Contract operations continue

Notwithstanding any reference to arbitration herein,

a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

b) the Procuring Entity shall pay the Supplier any monies due the Supplier.

11. Inspections and Audit by the Procuring Entity

11.1 The Supplier shall keep, and shall cause its Subcontractors to keep, accurate and systematic accounts and records in respect of the Goods in such form and details as will clearly identify relevant time, changes and costs.

11.2 Pursuant to paragraph 2.2 of Instruction to Tenderers, the Supplier shall permit and shall cause its subcontractors to permit, the Procuring Entity and/or persons appointed by the Procuring Entity or by other statutory bodies of the Government to inspect the Site and/or the accounts and records relating to the procurement process, selection and/or contract execution, and to have such accounts and records audited by auditors appointed by the Procuring Entity. The Supplier's and its Subcontractors' attention is drawn to Sub- Clause 3.1 which provides, inter alia, that acts intended to materially impede the exercise of the Procuring Entity's inspection and audit rights constitute a prohibited practice subject to contract termination, as well as to a determination of ineligibility.

12. Scope of Supply

12.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

13. Delivery and Documents

13.1 Subject to GCC Sub-Clause 33.1, the delivery of the Goods and completion of the Related Services shall be in accordance with the List of Goods and Delivery Schedule specified in the Supply Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the **SCC.**

14. Supplier's Responsibilities

14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.

15. Contract Price

15.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Tender, with the exception

of any price adjustments authorized in the **SCC.**

15.2 Where the contract price is different from the corrected tender price, in order to ensure the supplier is not paid less or more relative to the contract price (*which would be the tender price*), any partial payment valuation based on rates in the schedule of prices in the Tender, will be adjusted by a plus or minus percentage. The percentage already worked out during tender evaluation is worked out as follows: *(corrected tender price – tender price)/tender price X 100.*

16. Terms of Payment

16.1 The Supplier shall request for payment by submitting invoice(s), delivery note(s) and any other relevant documents as specified in the **SCC** to the Procuring Entity.

16.2 Payments shall be made promptly by the Procuring Entity, but not later than thirty (30) days after submission of an invoice by the Supplier, and after the Procuring Entity has accepted it.

16.3 Where a Procuring Entity rejects Goods and Related Services, in part or wholly, the procuring Entity shall promptly inform the Supplier to collect, replace or rectify as appropriate and give reasons for rejection. The Supplier shall submit a fresh invoice, delivery note and any other relevant documents as specified in the **SCC**.

16.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the Tender price is expressed.

16.5 In the event that the Procuring Entity fails to pay the Supplier any payment by its due date or within the period set forth in the **SCC,** the Procuring Entity may pay to the Supplier interest on the amount of such delayed payment at the rate shown in the **SCC,** for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

17. Taxes and Duties

17.1 The Supplier shall be entirely responsible for all taxes, duties, license fees, and other such levies incurred to deliver the Goods and Related Services to the Procuring Entity at the final delivery point.

17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in Kenya, the Supplier shall inform the Procuring Entity and the Procuring Entity shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

18. Performance Security

18.1 If required as specified in the **SCC**, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the **SCC.**

18.2 The proceeds of the Performance Security shall be payable to the Procuring Entity as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

18.3 As specified in **the SCC**, the Performance Security, if required, shall be denominated in the currency(ies) of the Contract, or in a freely convertible currency acceptable to the Procuring Entity; and shall be in one of the formats stipulated by the Procuring Entity in **the SCC**, or in another format acceptable to the Procuring Entity.

18.4 The Performance Security shall be discharged by the Procuring Entity and returned to the Supplier not later than thirty (30) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the **SCC.**

19. Copyright

19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Procuring Entity by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Procuring Entity directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third

party.

20. Confidential Information

20.1 The Procuring Entity and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Sub-Supplier such documents, data, and other information it receives from the Procuring Entity to the extent required for the Sub Supplier to perform its work under the Contract, in which event the Supplier shall obtain from such Sub Supplier undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.

20.2 The Procuring Entity shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Procuring Entity for any purpose other than the performance of the Contract.

20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:

a) the Procuring Entity or Supplier need to share with other arms of Government or other bodies participating in the financing of the Contract; such parties shall de disclosed in **the SCC;**

b) now or hereafter enters the public domain through no fault of that party;

c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or

d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

20.4 The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

21. Subcontracting

21.1 The Supplier shall notify the Procuring Entity in writing of all subcontracts awarded under the Contract if not already specified in the Tender. Such notification, in the original Tender or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

22. Specifications and Standards

22.1 Technical Specifications and Drawings

a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section VI, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Procuring Entity, by giving a notice of such disclaimer to the Procuring Entity.

c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Procuring Entity and shall be treated in accordance with GCC Clause 33.

23. Packing and Documents

23.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

23.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified **in the SCC**, and in any other instructions ordered by the Procuring Entity.

24. Insurance

24.1 Unless otherwise specified in the **SCC,** the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the **SCC.**

25. Transportation and Incidental Services

25.1 Unless otherwise specified in the **SCC,** responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.

25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified **in SCC:**

a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;

b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;

c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;

d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

e) training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

25.3 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services

26. Inspections and Tests

26.1 The Supplier shall at its own expense and at no cost to the Procuring Entity carry out all such tests and/or inspections of the Goods and Related Services as are specified in the **SCC.**

26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in Kenya as specified in the **SCC.** Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring Entity.

26.3 The Procuring Entity or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Procuring Entity bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all travelling and board and lodging expenses.

26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Procuring Entity. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the

Procuring Entity or its designated representative to attend the test and/or inspection.

26.5 The Procuring Entity may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

26.6 The Supplier shall provide the Procuring Entity with a report of the results of any such test and/or inspection.

26.7 The Procuring Entity may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Procuring Entity, and shall repeat the test and/or inspection, at no cost to the Procuring Entity, upon giving a notice pursuant to GCC Sub- Clause 26.4.

26.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Procuring Entity or its representative, nor the issue of any report pursuant to GCC Sub-Clause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

27. Liquidated Damages

27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Procuring Entity may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the **SCC** of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those **SCC.** Once the maximum is reached, the Procuring Entity may terminate the Contract pursuant to GCC Clause 35.

28. Warranty

28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

28.2 Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

28.3 Unless otherwise specified in the **SCC,** the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the **SCC,** or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

28.4 The Procuring Entity shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Procuring Entity shall afford all reasonable opportunity for the Supplier to inspect such defects.

28.5 Upon receipt of such notice, the Supplier shall, within the period specified in the **SCC,** expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Procuring Entity.

28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the **SCC,** the Procuring Entity may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Entity may have against the Supplier under the Contract.

29. Patent Indemnity

29.1 The Supplier shall, subject to the Procuring Entity's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Procuring Entity and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Procuring Entity may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

29.2 If any proceedings are brought or any claim is made against the Procuring Entity arising out of the matters referred to in GCC Sub-Clause 29.1, the Procuring Entity shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Procuring Entity's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

29.3 If the Supplier fails to notify the Procuring Entity within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Procuring Entity shall be free to conduct the same on its own behalf.

29.4 The Procuring Entity shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

29.5 The Procuring Entity shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Procuring Entity.

30. Limitation of Liability

30.1 Except in cases of criminal negligence or willful misconduct,

a) the Supplier shall not be liable to the Procuring Entity, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Procuring Entity, and

b) the aggregate liability of the Supplier to the Procuring Entity, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the Procuring Entity with respect to patent infringement.

31. Change in Laws and Regulations

31.1 Unless otherwise specified in the Contract, if after the date of 30 days prior to date of Tender submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Kenya (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery

Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.

32. Force Majeure

32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

32.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Procuring Entity in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Entity in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring Entity in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

33. Change Orders and Contract Amendments

33.1 The Procuring Entity may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring Entity;

b) the method of shipment or packing;

c) the place of delivery; and

d) the Related Services to be provided by the Supplier.

33.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Procuring Entity's change order.

33.3 Prices to be charged by the Supplier 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 Supplier for similar services.

33.4 **Value Engineering:** The Supplier may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following;

a) the proposed change(s), and a description of the difference to the existing contract requirements;

b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs) the Procuring Entity may incur in implementing the value engineering proposal; and

c) a description of any effect(s) of the change on performance/functionality.

33.5 The Procuring Entity may accept the value engineering proposal if the proposal demonstrates benefits that:

a) accelerates the delivery period; or

b) reduces the Contract Price or the life cycle costs to the Procuring Entity; or

c) improves the quality, efficiency or sustainability of the Goods; or

d) yields any other benefits to the Procuring Entity, without compromising the necessary functions of the Facilities.

33.6 If the value engineering proposal is approved by the Procuring Entity and results in:

a) a reduction of the Contract Price; the amount to be paid to the Supplier shall be the percentage specified **in the SCC** of the reduction in the Contract Price; or

b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in (a) to (d) above, the amount to be paid to the Supplier shall be the full increase in the Contract Price.

33.7 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

34. Extensions of Time

34.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify the Procuring Entity in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Procuring Entity shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

35. Termination

35.1 Termination for Default

a) The Procuring Entity, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:
   i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Procuring Entity pursuant to GCC Clause 34;
   ii) if the Supplier fails to perform any other obligation under the Contract; or
   iii) if the Supplier, in the judgment of the Procuring Entity has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix to the GCC, in competing for or in executing the Contract.

b) In the event the Procuring Entity terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Procuring Entity may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Procuring Entity for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

35.2 Termination for Insolvency.

The Procuring Entity may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Procuring Entity

35.2 Termination for Convenience.

a) The Procuring Entity, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring Entity's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the

Supplier's receipt of notice of termination shall be accepted by the Procuring Entity at the Contract terms and prices. For the remaining Goods, the Procuring Entity may elect:

i) to have any portion completed and delivered at the Contract terms and prices; and/or

ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

36. Assignment

36.1 Neither the Procuring Entity nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

37. Export Restriction

37.1 Notwithstanding any obligation under the Contract to complete all export formalities, any export restrictions attributable to the Procuring Entity, to Kenya, or to the use of the products/goods, systems or services to be supplied, which arise from trade regulations from a country supplying those products/goods, systems or services, and which substantially impede the Supplier from meeting its obligations under the Contract, shall release the Supplier from the obligation to provide deliveries or services, always provided, however, that the Supplier can demonstrate to the satisfaction of the Procuring Entity that it has completed all formalities in a timely manner, including applying for permits, authorizations and licenses necessary for the export of the products/goods, systems or services under the terms of the Contract. Termination of the Contract on this basis shall be for the Procuring Entity's convenience pursuant to Sub-Clause 35.3.

SECTION VII - SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract (SCC) shall supplement and/or amend the General Conditions of Contract (GCC).Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

[The Procuring Entity shall select insert the appropriate wording using the samples below or other acceptable wording, and delete the text in italics].

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SECTION VII - SPECIAL CONDITIONS OF CONTRACT

Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions of the SCC shall prevail over those in the General Conditions of Contract. For the purposes of clarity, any referenced GCC clause numbers are indicated in the left column of the SCC.

A. *Contract and Interpretation*

1. Definitions (GCC Clause1)

GCC 1.1 (b) (i)	The Procuring Entity is: ***STATE DEPEARTMENT FOR ICT & DIGITAL ECONOMY***
GCC 1.1 (b) (ii)	The Project Manager is: ***STATE DEPEARTMENT FOR ICT & DIGITAL ECONOMY***
GCC 1.1 (e) (ix)	The Contract will run for a period of **12** Months for the Tender For Provision Of Operation And Maintenance Of National Optic Fiber Backbone Infrastructure Phase II (NOFBI II) active and passive equipment Eastern Region from the contract signing date. Project Implementation The project will be implemented in a phased approach based on the following milestones:
GCC 1.1 (e) (xii)	The Post-Warranty Services Period is ***N/A*** starting with the completion of the Warranty Period.

2. Notices (GCC Clause 4)

GCC 4.3	Address of the Project Manager: **P.O BOX 30025 – 00100 NAIROBI, ictprocurement@information.go.ke** Fallback address of the Procuring Entity: **NONE**

B. Subject Matter of Contract

3. Scope of the System (GCC Clause 7)

GCC 7.3	The Supplier's obligations under the Contract will include the following recurrent cost items, as identified in the Recurrent Cost tables in the Supplier's Tender: The Supplier agrees to supply spare parts required for the operation and maintenance of the System, as stated below, for 1 year beginning with Operational Acceptance. Moreover, the price of such spare parts shall be those specified in the spare parts price schedule submitted by the Suppler as part of its Tender. These prices shall

	include the purchase price for such spare parts and other costs and expenses (including the Supplier's fees) relating to the supply of spare parts.

4. Time for Commencement and Operational Acceptance (GCC Clause 8)

GCC 8.1	The Supplier shall commence work on the System within: **FIVE** days from the Effective Date of the Contract.

5. Supplier's Responsibilities (GCC Clause 9)

GCC 9.1	The Supplier shall provide and employ only technical personnel who are skilled and experienced in the respective callings and supervisory staff who are competent to adequately supervise the work at hand. The Supplier shall adhere strictly to the conditions of the Contract The Supplier shall supply, install and commission the works awarded to them as per the technical specifications stipulated in the bidding document and within the stipulated timelines The Supplier shall comply with all the laws in force in Kenya The Supplier shall be responsible for timely provision of all resources, information, and decision making under its control that are necessary to reach a mutually Agreed Project Plan within the time schedule specified in the Implementation Schedule. Failure to provide such resources, information, and decision-making may constitute grounds for termination

C. PAYMENT

6. Contract Price (GCC Clause 11)

GCC 11.2	Adjustments to the Contract Price shall be as follows***: NOT BE APPLICABLE***

7. Terms of Payment (GCC Clause 12)

GCC 12.1	Subject to the provisions of GCC Clause 12 (Terms of Payment), the Procuring Entity shall pay the Contract Price to the Supplier according to the categories and in the manner specified below. Only the categories Advance Payment and Complete System Integration relate to the entire Contract Price. In other payment categories, the term "total Contract Price" means the total cost of goods or services under the specific payment category. Within each such category, the Contract Implementation Schedule may trigger pro-rata payments for the portion of the total Contract Price for the category corresponding to the goods or services actually Delivered, Installed, or Operationally Accepted, at unit prices and in the currencies specified in the Price Schedules of the Contract Agreement. **Project Implementation** The project will be implemented in a phased approach based on the following milestones
GCC 12.3	The Procuring Entity shall pay to the Supplier interest on the delayed payments at a rate of: **NONE**

GCC 12.4	The Supplier will invoice the Procuring Entity in the currency used in the Contract Agreement and the Price Schedules it refers to, for Goods and Services supplied locally, and the conversion between this currency and Kenya shillings for payment purposes - in case the two currencies are different - will be made as of the actual payment date using the exchange rate found in **NO OTHER CURRENCY IS ALLOWED**.

8. Securities (GCC Clause 13)

GCC 13.3.1	The Performance Security shall be denominated in **KENYA SHILLINGS** for an amount equal to *TEN* **percent of the Contract Price**, excluding any Recurrent Costs.

9. Project Plan (GCC Clause 19)

GCC 19.1	Chapters in the Project Plan shall address the following subject**:** ***(a) Project Organization and Management Sub-Plan, including management authorities, responsibilities, and contacts, as well as task, time and resource-bound schedules (in GANTT format);*** ***(b) Implementation Sub-Plan;*** ***(c) Training Sub-Plan;*** ***(d) Testing and Quality Assurance Sub-Plan;*** ***(e) Warranty Defect Repair and Technical Support Service Sub-Plan*** ***Further details regarding the required contents of each of the above chapters are contained in the Technical Requirements, (insert: reference)].***
GCC 19.6	***The Supplier shall submit to the Procuring Entity:*** ***(i) monthly inspection and quality assurance reports*** ***(ii) monthly training participants test results*** ***(iii) monthly log of service calls and problem resolutions***

10. Inspections and Tests (GCC Clause 25)

GCC 25	The State Department will have an appointed Inspection and Acceptance Committee to inspect the completed works and upon satisfactorily meeting the technical specifications as were provided in the bidding document and commissioning of the works, an Inspection Certificate will be issued to facilitate payment.

H. CHANGE IN CONTRACT ELEMENTS

I. Settlement of Disputes

11. Settlement of Disputes (GCC Clause 43)

GCC 43.1.4	The Appointing Authority for the Adjudicator is: ***NO ADJUDICATOR WILL BE APPOINTED***
GCC 43.2.3	If the Supplier is from outside Kenya arbitration proceedings shall be conducted in accordance with the rules of arbitration of ***THE GOVERNMENT OF KENYA.*** These rules, in the version in force at the time of the request for arbitration, will be deemed

	to form part of this Contract. If the Supplier is a national of Kenya, any dispute between the Procuring Entity and a Supplier arising in connection with the present Contract shall be referred to arbitration in accordance with the laws of Kenya.

FORM No. 1: NOTIFICATION OF INTENTION TO AWARD

This Notification of Intention to Award shall be sent to each Tenderer that submitted a Tender. Send this Notification to the Tenderer's Authorized Representative named in the Tender Information Form on the format below.

FORMAT

1. For the attention of Tenderer's Authorized Representative

   I) Name:_____*[insert Authorized Representative's name]*

   ii) Address:_____*[insert Authorized Representative's Address]*

   iii) Telephone:_____*[insert Authorized Representative's telephone/fax numbers]*

   iv) Email Address:_____*[insert Authorized Representative's email address]*

   [IMPORTANT: insert the date that this Notification is transmitted to Tenderers. The Notification must be sent to all Tenderers simultaneously. This means on the same date and as close to the same time as possible.]

2. Date of transmission:_____[*email*] on [*date*]_____(local time)

   This Notification is sent by_____(*Name and designation*) _____

3. Notification of Intention to Award

   I) Employer:_____*[insert the name of the Employer]*

   ii) Project:_____*[insert name of project]*

   iii) Contract title:_____*[insert the name of the contract]*

   iv) Country:_____*[insert country where ITT is issued]*

   v) ITT No:_____*[insert ITT reference number from Procurement Plan]*

   This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period, you may:

4. Request a debriefing in relation to the evaluation of your tender

   Submit a Procurement-related Complaint in relation to the decision to award the contract.

   a) The successful tenderer

      i) Name of successful Tender_____

      ii) Address of the successful Tender _____

      iii) Contract price of the successful Tender Kenya Shillings_____(in words _____)

   b) Other Tenderers

   Names of all Tenderers that submitted a Tender. If the Tender's price was evaluated include the

evaluated price as well as the Tender price as read out. For Tenders not evaluated, give one main reason the Tender was unsuccessful.

S/No.	Name of Tender	Tender Price as read out	Tender's evaluated price (Note a)	One Reason Why Not Evaluated
1				
2				
3				
4				
5				

(Note a) State NE if not evaluated

5. How to request a debriefing

a) DEADLINE: The deadline to request a debriefing expires at midnight on [*insert date*] (*local time*).

b) You may request a debriefing in relation to the results of the evaluation of your Tender. If you decide to request a debriefing your written request must be made within three (5) Business Days of receipt of this Notification of Intention to Award.

c) Provide the contract name, reference number, name of the Tenderer, contact details; and address the request for debriefing as follows:

I) Attention:_____[*insert full name of person, if applicable*]

ii) Title/position:_____[*insert title/position*]

ii) Agency:_____[*insert name of Employer*]

iii) Email address:_____[*insert email address*]

d) If your request for a debriefing is received within the 3 Days deadline, we will provide the debriefing within five (3) Business Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (3) Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.

e) The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.

f) If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than fifteen (15) Days from the date of publication of the Contract Award Notice.

6. How to make a complaint

a) Period: Procurement-related Complaint challenging the decision to award shall be submitted by midnight, [*insert date*] (local time).

b) Provide the contract name, reference number, name of the Tenderer, contact details; and address the Procurement-related Complaint as follows:

I) Attention:_____[*insert full name of person, if applicable*]

ii) Title/position:_____[*insert title/position*]

iii) Agency:_____[*insert name of Employer*]

iv) Email address:_____[*insert email address*]

c) At this point in the procurement process, you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.

d) Further information: For more information refer to the Public Procurement and Disposals Act 2015

and its Regulations available from the Website www.ppra.go.ke or emailYou should read these documents before preparing and submitting your complaint.

e) There are four essential requirements:

i) You must be an 'interested party'. In this case, that means a Tenderer who submitted a Tender in this tendering process, and is the recipient of a Notification of Intention to Award.

ii) The complaint can only challenge the decision to award the contract.

iii) You must submit the complaint within the period stated above.

iv) You must include, in your complaint, all of the information required to support your complaint.

7. Standstill Period

i) DEADLINE: The Standstill Period is due to end at midnight on [*insert date*] (local time).

ii) The Standstill Period lasts ten (14) Days after the date of transmission of this Notification of Intention to Award.

iii) The Standstill Period may be extended as stated in paragraph Section 5 (d) above.

If you have any questions regarding this Notification please do not hesitate to contact us.

On behalf of the Employer:

Signature: _____

Name: _____

Title/position: _____

Telephone: _____

Email: _____

FORM NO. 2 - REQUEST FOR REVIEW

FORM FOR REVIEW(r.203(1))

PUBLIC PROCUREMENT ADMINISTRATIVE REVIEW BOARD

APPLICATION NO…….OF……..…..20……...

BETWEEN

……...…….APPLICANT

AND

……RESPONDENT (Procuring Entity)

Request for review of the decision of the…… (Name of the Procuring Entity of ……dated the…day of …….20…….in the matter of Tender No……..…of ……..20….. for .....(Tender description).

REQUEST FOR REVIEW

I/We……,the above named Applicant(s), of address: Physical address…….P. O. Box No……. Tel. No……..Email ……, hereby request the Public Procurement Administrative Review Board to review the whole/part of the above mentioned decision on the following grounds , namely:

1.

2.

By this memorandum, the Applicant requests the Board for an order/orders that:

1.

2.

SIGNED …….(Applicant) Dated on…….day of ……/…20……

FOR OFFICIAL USE ONLY Lodged with the Secretary Public Procurement Administrative Review Board on……day of ……....20….……

SIGNED

Board Secretary

FORM NO. 3 LETTER OF AWARD

[Use letter head paper of the Procuring Entity]

_____*[Date]*

To:_____*[name and address of the Supplier]*

Subject:_____***Notification of Award Contract No.*** . . . .

This is to notify you that your Tender dated_____***[insert date]*** for execution of the_____***[insert name of the contract and identification number, as given in the SCC]*** for the Accepted Contract Amount of_____***[insert amount in numbers and words and name of currency]***, as corrected and modified in accordance with the Instructions to tenderers is hereby accepted by our Agency.

You are requested to furnish the Performance Security within 30 days in accordance with the Conditions of Contract, using for that purpose the of the Performance Security Form included in Section X, Contract Forms, of the Tendering document.

Authorized Signature:_____

Name and Title of Signatory:_____

Name of Agency:_____

Attachment: Contract Agreement

FORM NO. 4 - CONTRACT AGREEMENT

[The successful tenderer shall fill in this form in accordance with the instructions indicated]

THIS AGREEMENT made the_____*[insert: **number**] day* of_____*[insert: **month**],* [*insert: **year**]*. BETWEEN (1)_____*[insert complete name of Procuring Entity* and having its principal place of business at *[insert: address of Procuring Entity]* (hereinafter called "Procuring Entity"), of the one part; and (2)__*[insert name of Supplier**]***, a corporation incorporated under the laws of *[insert: country of Supplier**]*** and having its principal place of business at_____*[insert: address of Supplier]* (hereinafter called "the Supplier"), of the other part.

1. WHEREAS the Procuring Entity invited Tenders for certain Goods and ancillary services, viz.,

   _____

   [insert brief description of Goods and Services] and has accepted a Tender by the Supplier for the supply of those Goods and Services, the Procuring Entity and the Supplier agree as follows:

   i) In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.

   ii) The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other contract documents.

   a) the Letter of Acceptance

   b) the Letter of Tender

   c) the Addenda Nos._____(if any)

   d) Special Conditions of Contract

   e) General Conditions of Contract

   f) the Specification (including Schedule of Requirements and Technical Specifications)

   g) the completed Schedules (including Price Schedules)

   h) any other document listed in GCC as forming part of the Contract

   iii) In consideration of the payments to be made by the Procuring Entity to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Procuring Entity to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

2. The Procuring Entity hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

3. IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Kenya on the day, month and year indicated above.

For and on behalf of the Procuring Entity

Signed:_____*[insert signature]*

in the capacity of_____*[insert title or other appropriate designation]* In the presence of_____

_____*[insert identification of official witness]* **For and on behalf of the Supplier**

Signed:_____*[insert signature of authorized representative(s) of the Supplier]* in the capacity of

_____*[insert title or other appropriate designation]* in the presence of

_____*[insert identification of official witness]*

FORM NO. 5 - PERFORMANCE SECURITY [Option 1 - Unconditional Demand Bank Guarantee]

[Guarantor letterhead]

Beneficiary: *[insert name and Address of Employer]*

Date: *[Insert date of issue]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

1. We have been informed that _____(hereinafter called "the Contractor") has entered into Contract No._____ _____dated _____with *(name of Employer)*_____(the Employer as the Beneficiary), for the execution of_____(hereinafter called "the Contract").

2. Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

3. At the request of the Contractor, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of___(*in words*),[1] such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

4. This guarantee shall expire, no later than the …. Day of ……, 2...…[2], and any demand for payment under it must be received by us at the office indicated above on or before that date.

5. The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed *[six months] [one year]*, in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

_____

[Name of Authorized Official, signature(s) and seals/stamps]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

FORM No. 6 - PERFORMANCE SECURITY [Option 2– Performance Bond]

[Note: Procuring Entities are advised to use Performance Security – Unconditional Demand Bank Guarantee instead of Performance Bond due to difficulties involved in calling Bond holder to action]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: *[insert name and Address of Employer]*

Date: *[Insert date of issue]*

PERFORMANCE BOND No.:

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

1. By this Bond as Principal (hereinafter called "the Contractor") and] as Surety (hereinafter called "the Surety"), are held and firmly bound unto] as Obligee (hereinafter called "the Employer") in the amount of for the payment of which sum well and truly to be made in the types and proportions of currencies in which the Contract Price is payable, the Contractor and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

2. WHEREAS the Contractor has entered into a written Agreement with the Employer dated the day of , 20 , for in accordance with the documents, plans, specifications, and amendments thereto, which to the extent herein provided for, are by reference made part hereof and are hereinafter referred to as the Contract.

3. NOW, THEREFORE, the Condition of this Obligation is such that, if the Contractor shall promptly and faithfully perform the said Contract (including any amendments thereto), then this obligation shall be null and void; otherwise, it shall remain in full force and effect. Whenever the Contractor shall be, and declared by the Employer to be, in default under the Contract, the Employer having performed the Employer's obligations thereunder, the Surety may promptly remedy the default, or shall promptly:

   1) complete the Contract in accordance with its terms and conditions; or

   2) obtain a tender or tenders from qualified tenderers for submission to the Employer for completing the Contract in accordance with its terms and conditions, and upon determination by the Employer and the Surety of the lowest responsive Tenderers, arrange for a Contract between such Tenderer, and Employer and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the Balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "Balance of the Contract Price," as used in this paragraph, shall mean the total amount payable by Employer to Contractor under the Contract, less the amount properly paid by Employer to Contractor; or

   3) pay the Employer the amount required by Employer to complete the Contract in accordance with its terms and conditions up to a total not exceeding the amount of this Bond.

4. The Surety shall not be liable for a greater sum than the specified penalty of this Bond.

5. Any suit under this Bond must be instituted before the expiration of one year from the date of the issuing of the Taking-Over Certificate. No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Employer named herein or the heirs, executors, administrators, successors, and assigns of the Employer.

6. In testimony whereof, the Contractor has hereunto set his hand and affixed his seal, and the Surety has caused these presents to be sealed with his corporate seal duly attested by the signature of his legal representative, this day of 20 .

SIGNED ON _____ on behalf of _____

By _____ in the capacity of _____

In the presence of _____

SIGNED ON _____ on behalf of _____

By _____ in the capacity of _____

In the presence of _____

FORM NO. 7 - ADVANCE PAYMENT SECURITY [Demand Bank Guarantee]
[Guarantor letterhead]

Beneficiary: _____ *[Insert name and Address of* Employer*]*
Date: _____ *[Insert date of issue]*

ADVANCE PAYMENT GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: [*Insert name and address of place of issue, unless indicated in the letterhead]*

1. We have been informed that _____ (hereinafter called "the Contractor") has entered into Contract No. _____ *dated* _____ with the Beneficiary, for the execution of _____ (hereinafter called "the Contract").

2. Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum _____ (*in words*___) is to be made against an advance payment guarantee.

3. At the request of the Contractor, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ (*in words* _____) [1] upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating either that the Applicant:

(a) has used the advance payment for purposes other than the costs of mobilization in respect of the goods; or
(b) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.

4. A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the advance payment referred to above has been credited to the Contractor on its account number _____ at ----------.

5. The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Contractor as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that ninety (90) percent of the Accepted Contract Amount, less provisional sums, has been certified for payment, or on the ___ day of _____, 2___,[2] whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

6. The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed *[six months] [one year],* in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee.

_____ *[Name of Authorized Official, signature(s) and seals/stamps*]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

[1] *The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency of the advance payment as specified in the Contract.*

[2] *Insert the expected expiration date of the Time for Completion. The Employer should note that in the event of an extension of the time for completion of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee.*

7.1 BENEFICIAL OWNERSHIP DISCLOSURE FORM

(Amended and issued pursuant to PPRA CIRCULAR No. 02/2022)

INSTRUCTIONS TO TENDERERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM

This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful tenderer pursuant to Regulation 13 (2A) and 13 (6) of the Companies (Beneficial Ownership Information) Regulations, 2020. In case of joint venture, the tenderer must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.

For the purposes of this Form, a Beneficial Owner of a Tenderer is any natural person who ultimately owns or controls the legal person (tenderer) or arrangements or a natural person on whose behalf a transaction is conducted, and includes those persons who exercise ultimate effective control over a legal person (Tenderer) or arrangement.

Tender Reference No.:_____[*insert identificationno*] Name of the Tender Title/Description:_____*[insert name of the assignment]* to:_____*[insert complete name of Procuring Entity]*

In response to the requirement in your notification of award dated *[insert date of notification of award]* to furnish additional information on beneficial ownership:_____*[select one option as applicable and delete theoptions that are not applicable]*

I) We here by provide the following beneficial ownership information.

Details of beneficial ownership

	Details of all Beneficial Owners		**% of shares a person holds in the company Directly or indirectly**	**% of voting rights a person holds in the company**	**Whether a person directly or indirectly holds a right to appoint or remove a member of the board of directors of the company or an equivalent governing body of the Tenderer** (Yes / No)	**Whether a person directly or indirectly exercises significant influence or control over the Company (tenderer) (Yes / No)**
1.	Full Name		Directly---------- % of shares Indirectly---------- % of shares	Directly…… …….% of voting rights Indirectly----------% of voting rights	1. Having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer: Yes -----No---- 2. Is this right held directly or indirectly?: Direct…… …… Indirect…… ……...	**1.** Exercises significant influence or control over the Company body of the Company (tenderer**)** Yes ----- No---- 2. Is this influence or control exercised directly or indirectly? Direct…… ….. Indirect……
	National identity card number or Passport number					
	Personal Identification Number (where applicable)					
	Nationality					
	Date of birth *[dd/mm/yyyy]*					
	Postal address					
	Residential address					
	Telephone number					
	Email address					
	Occupation or profession					

	Details of all Beneficial Owners		**% of shares a person holds in the company Directly or indirectly**	**% of voting rights a person holds in the company**	**Whether a person directly or indirectly holds a right to appoint or remove a member of the board of directors of the company or an equivalent governing body of the Tenderer** (Yes / No)	**Whether a person directly or indirectly exercises significant influence or control over the Company (tenderer) (Yes / No)**
						…
2.	Full Name		Directly---------- % of shares Indirectly---------- % of shares	Directly…… …….% of voting rights Indirectly----------% of voting rights	1. Having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer: Yes -----No---- 2. Is this right held directly or indirectly?: Direct…… …… Indirect…… ……...	1.Exercises significant influence or control over the Company body of the Company (tenderer**)** Yes ----- No---- 2. Is this influence or control exercised directly or indirectly? Direct…… ….. Indirect…… …
	National identity card number or Passport number					
	Personal Identification Number (where applicable)					
	Nationality(ies)					
	Date of birth *[dd/mm/yyyy]*					
	Postal address					
	Residential address					
	Telephone number					
	Email address					
	Occupation or profession					
3. **e.t .c**						

II) Am fully aware that beneficial ownership information above shall be reported to the Public Procurement Regulatory Authority together with other details in relation to contract awards and shall be maintained in the Government Portal, published and made publicly available pursuant to Regulation 13(5) of the Companies (Beneficial Ownership Information) Regulations, 2020.(Notwithstanding this paragraph Personally Identifiable Information in line with the Data Protection Act shall not be published or made public). *Note that Personally Identifiable Information (PII) is defined as any information that can be used to distinguish one person from another and can be used to deanonymize previously anonymous data. This information includes National identity card number or Passport number, Personal Identification Number, Date of birth, Residential address, email address and Telephone number*.

III) In determining who meets the threshold of who a beneficial owner is, the Tenderer must consider a natural person who in relation to the company:

(a) holds at least ten percent of the issued shares in the company either directly or indirectly;

(b) exercises at least ten percent of the voting rights in the company either directly or indirectly;

(c) holds a right, directly or indirectly, to appoint or remove a director of the company; or

(d) exercises significant influence or control, directly or indirectly, over the company.

IV) What is stated to herein above is true to the best of my knowledge, information and belief.

*Name of the Tenderer ..... *[insert complete name of the Tenderer]*
.....

*Name of the person duly authorized to sign the Tender on behalf of the Tenderer: ** [insert complete name ofperson duly authorized to sign the Tender]*

Designation of the person signing the Tender: ..... [insert complete title of the person signing theTender]

Signature of the person named above: ..... [insert signature of person whose name and capacity areshown above]

Date this ..... [insert date of signing] day of.....[Insert month], [insert year]

Bidder Official

ANNEX 1: SERVICE LEVEL AGREEMENT

SERVICE LEVEL AGREEMENT FOR THE MAITAINANCE OF NOFBI II

BETWEEN

Client……..

AND

Supplier……

This Service Level Agreement is made this……day of…….20xx

BETWEEN

Client……. at its registered office situated at----------Nairobi in the Republic of Kenya and
of Post Office Box Number----------, Nairobi in the Republic aforesaid *(hereinafter referred to as the "Owner")*
of the one part, AND ……. a limited liability company duly incorporated in Kenya with its registered office situated at_____,Nairobi, in the Republic aforesaid, *(hereinafter referred to as the "Supplier")* of the other part.

This SLA shall take effect on the Effective Date of the contract and shall remain in force for the duration of the maintenance contract.

NOW THEREFORE, the parties hereto hereby agree as follows:

Definitions and Interpretations

In this Agreement, unless specifically stated, words and expressions shall have the same meanings as are respectivelyassigned to them in the maintenance agreement.

Unless the context or express provision otherwise requires: -

Service Availability means the measure of the probability that a service is available on the at any given time.

Change Request Form means a written notification of intended works issued by the *Supplier* to the *client* indicating the date, duration and expected impact to services.

Response time means the acknowledgment by the *Supplier* of a fault notification made by email or telephone from the *Client* and which is followed by issuance of a Trouble Ticket or

Fault Reference Number by the *Client* shall be charged as per ***Table 2: Service Credit.***

Unscheduled Maintenance means emergency or ad hoc works of an urgent nature required on the *client* Equipment and/orFiber Network.

Incident means an unplanned interruption to service availability or reduction in the quality of service.

Incident Report Number means a unique number to be issued upon reporting of an incident/complaint for purposes oftracking its resolution.

Incident Report means the detailed chronological report on failure including the causes of failure and actions carried outto resolve by the Supplier.

Restoration time: means the time between escalation of an incident by the client/Owner to when the incident has beenresolved or a temporary solution has been put in place by the supplier.

Incident Status Update Interval: means the time interval after the escalation of an incident whereby the *Supplier* updatesthe *client* on the progress of the fault rectification and any support required from the *client.*

Incident Closure time: this is the total time extended from the period of incident restoration to allow for post restorationmonitoring that may in certain circumstances call for re-opening of an incident ticket to the final closure of that ticket.

MRC means Monthly Recurrent Charge.

This SLA shall take effect on the Effective Date indicated in the Acceptance Certificate and shall remain in force for theduration of the Lease Agreement. Scope of this Service Level Agreement

The SLA will cover the following areas;

- Incident/ problem reporting
- Fault categorization
- Reported incident escalation procedure
- Maintenance of fiber network
- Access by Supplier
- Incident resolution times
- Service credits
- Miscellaneous provisions
- Incident/ problem reporting

When reporting an incident, the *Supplier* is required to give the following information.

- Description of incident
- Name and contacts of person reporting the incident
- Location of the incident
- Time of incident
- Trouble Ticket (TT) issued by the client

All incidents should be reported through either;

- Telecommunication Business Call Center,
- Telecommunication Business Service portal (website) or
- Telecommunication Business incident e-mail.

Upon reporting an incident, the *Supplier* shall be issued with an Incident Report Number (IRN) for tracking the incidentuntil it is resolved.

Fault Categorization

a) Critical Fault – will be deemed to have occurred when total loss of service will have been experienced bythe client.

b) Severe Fault – will be deemed to have occurred when a significant degradation of service will have beenexperienced by the client.

c) Minor Fault – will be deemed to have occurred when a minor degradation of service will have beenexperienced by the client.

Reported incidents and escalation procedures-

The client may escalate incidents within the stipulated SLA times as follows;

Escalation Level	Escalation Point (Contact)
1st Level	Helpdesk/NoC: ---------- Tel. ..... Cell Phone: ..... Email:..... Web portal: .....
2nd Level	Name:..... Designation:..... Tel. ..... Email: .....
3rd Level	Name: ---------- Designation:..... Tel. ..... Email: .....

The client can only escalate the reported incident if the service restoration times indicated below have been exceeded.

Time in Hours

Fault Category	2nd Level escalation	3rd Level escalation
Critical Fault	3	6
Severe Fault	4	8
Minor Fault	6	12

Maintenance of the NOFBI II Network Infrastructure

Unscheduled Maintenance – Where the *suppliers* requires conducting an unscheduled or urgent maintenance activity the
supplier shall issue a Change Request Notice to the *client* one (1) day in advance.

Planned Maintenance - Where the Owner/client requires conducting a planned maintenance activity the Owner shall issuea Change Request Notice to the Supplier ten (10) days in advance.

When undertaking maintenance of any nature the supplier shall ensure that connectivity is maintained for the criticalGovernment services.

Access by Supplier to the client site

The *Supplier* will be required to notify the *client* of the need to access *site* facility through the Telecommunication Business call center, Telecommunication Business Service portal (website) or the Telecommunication Business incident email as follows;

Access Type	Notification Time
Routine Maintenance	1 working days
Emergency Access	Immediately
Site Surveys	2 working days

The *supplier* will be required to provide the following information.

- Time and date when access is required
- Who to be granted access (Name, National ID. Number and contacts)
- Description of works to be undertaken.

Incidence Resolution Times

The supplier shall resolve the reported incident as indicated in the table below;

Description	Incidence Restoration Time (hrs)
Critical Fault	3
Severe Fault	6
Minor Fault	12

Information Sharing	7*24*365
Helpdesk	7*24*365
Hardware replacement	1 day in all areas excluding security areas i.e. Lamu, Marsabit, Mandera, Wajir and Garissa County 2 days for Security areas

Table 1: Incident Resolution

Service Credits

The *client* shall impose Service Credits if the *suppliers* fails to meet the agreed Service Availability requirements. Thepercentage calculation shall be for the whole network on a monthly basis.

Service Credits shall be deducted from Monthly Recurring Charges *of maintenance (*MRC) before payment is made to thesupplier.

Service Availability	Description – downtown in minutes/month	Service Credit KSHS per Hour
≥ 99.5 %	216 Minutes	Nil
99.5% - 98.00%	›216 ≤864 Minutes	5% of MRC
98.00% - 95.00%	›864 ≤2160 Minutes	10% of MRC
90%>‹95%	›2160 Minutes	20% of MRC
Below 90%		30% of MRC

Table 2: Service Credit

Service Credits shall be imposed in the manner shown below:

Calculations of MRC

- Therefore: MRC= % of service credit charge x cost of monthly Maintenance.
- Where MRC is Monthly

Recurrent Charge for Maintenance.

Service credits shall be deducted

exclusive of tax

Miscellaneous Provisions

The Parties agree that save for the provisions contained in this SLA the provisions and contents of the Maintenance Agreement shall apply to this SLA. All additions, amendments or variations to this Agreement shall only be binding and effective if in writing and signed by both Parties.

IN WITNESS WHEREOF this Agreement has been duly executed by the parties hereto the day and year first hereinabovewritten.

SIGNED by duly authorized representative of the client.

……. ……..)

and in the presence of:)

)

_____)

SIGNED by duly authorized representative)

of the Supplier)

……. …….)

and in the presence of:)

_____)

Signature of Principal Secretary)

_____)

ENG.JOHN TANUI,MBS

PRINCIPAL SECRETARY)

)

and in the presence of:

……

HEAD OF SUPPLY CHAIN

APPENDIX :
Service Level Agreement Exemptions
It is agreed between the Parties that the scope of this SLA (to include the calculation of Measured Available/Unavailable Time against which Service Credits shall be chargeable) shall not include the following;

Degradation in performance of Fiber links and service unavailable time resulting from Scheduled Maintenance or other service interruptions agreed by both parties pursuant to clause
6.5.4 herein intended for the purposes of allowing for upgrades, changes, implement an order, maintain, or repair the of Fibers;

Degradation in performance of links and service unavailable time resulting directly or indirectly from the acts or omissions of the Client, any person for whom the Client is legally responsible for or has licensed.

Failure of equipment or systems not provided or under control or direction of the supplier including any equipment or systems the Supplier may obtain or contract at the request of the Client. In the event of degradation in the links below the agreed target availability herein or an Outage occurring as the result of such circumstances it is agreed between the Parties that the supplier will co-ordinate with the Client to remedy such failure as quickly as possible;

Any failure by the Client to afford access to any location for which the Client is responsible, or to any facilities of the Client for the purpose of investigating and correcting a degradation in the fiber links or an outage.
Confidentiality Clause
To the extent authorized by the law, the Parties may wish, from time to time, in discharging their obligations under this SLA to disclose confidential information to each other ("Confidential Information"). Each party will use reasonable efforts to prevent the disclosure of any of the other party's Confidential Information to third parties during the term of this Agreement, provided that the recipient Party's obligation shall not apply to information that:

is or later becomes part of the public domain through no fault of the recipient Party;

is required by law or regulation to be disclosed.

In the event that information is required to be disclosed pursuant to subsection b. and to the extent authorized by the law, the Party required to make disclosure shall notify the other to allow that party to assert whatever exclusions or exemptions may be available to it under such law or regulation.
Miscellaneous Provisions
The Parties agree that;

Save for the provisions contained in this SLA the provisions and contents of the Maintenance Agreement shall apply to this SLA.

All additions, amendments or variations to this Agreement shall only be binding and effective if in writing and signed by both Parties.

ANNEX 2: FIBER DISTANCE

SECTION	LENGTH (KM)
VOI-WUNDANY	41.6
DIANI-LUGALUNGA	81.8
MOYALE-WARGEDUD	244.9
Bachuma Rd	10.4
Madogo	6.3
BONATANA Backbone	2.6
LAPSSET,Mukowe	17.58
TT university	2.47
MARSABIT	5.96
Mandera	7.8
WUDANYI	4.8
Lamu	4.4
GARISSA	4.3
HOLA	6.1
ISIOLO	5.3
KILIFI	4.2
KWALE	4.7
WAJIR	5.1
Garissa -1	0.995
Garissa -2	3.17
Wajir Sites	2.901
ISIOLO -1	5.132
ARCHERS POST	1.625
ISIOLO -2	5.84
Moyale	2.685
Mandera	1.05
MSA	1.76
Mariakani	3.422
Mtongwe	1.271
Diani	5.34
Msambweni	3.203
Shimoni	14.497
Nyali	0.305
Cannon	1.9
Kilifi	0.272
Malindi	0.51
Ngomeni	14.061
Manda 1 & Manda 2	25.445
Baragoni	24.203
TOTAL (KM)	579.897

Figure 2 : LOT 1: EASTERN REGION SECTIONS

ANNEX 3: OSP MAINTENANCE SOP

OSP Maintenance SOP

OSP optical fiber cable troubleshooting is to repair OSP devices, such as optical fiber cables, ducts, and joint boxes and restore them to the original state. The troubleshooting of optical fiber cables should comply with the principle of "Service restoration first, corrective maintenance second, core network first, border network second; troubleshooting based on levels".

1 Basic Information Introduction

1.1 Key Roles and Responsibilities in Troubleshooting

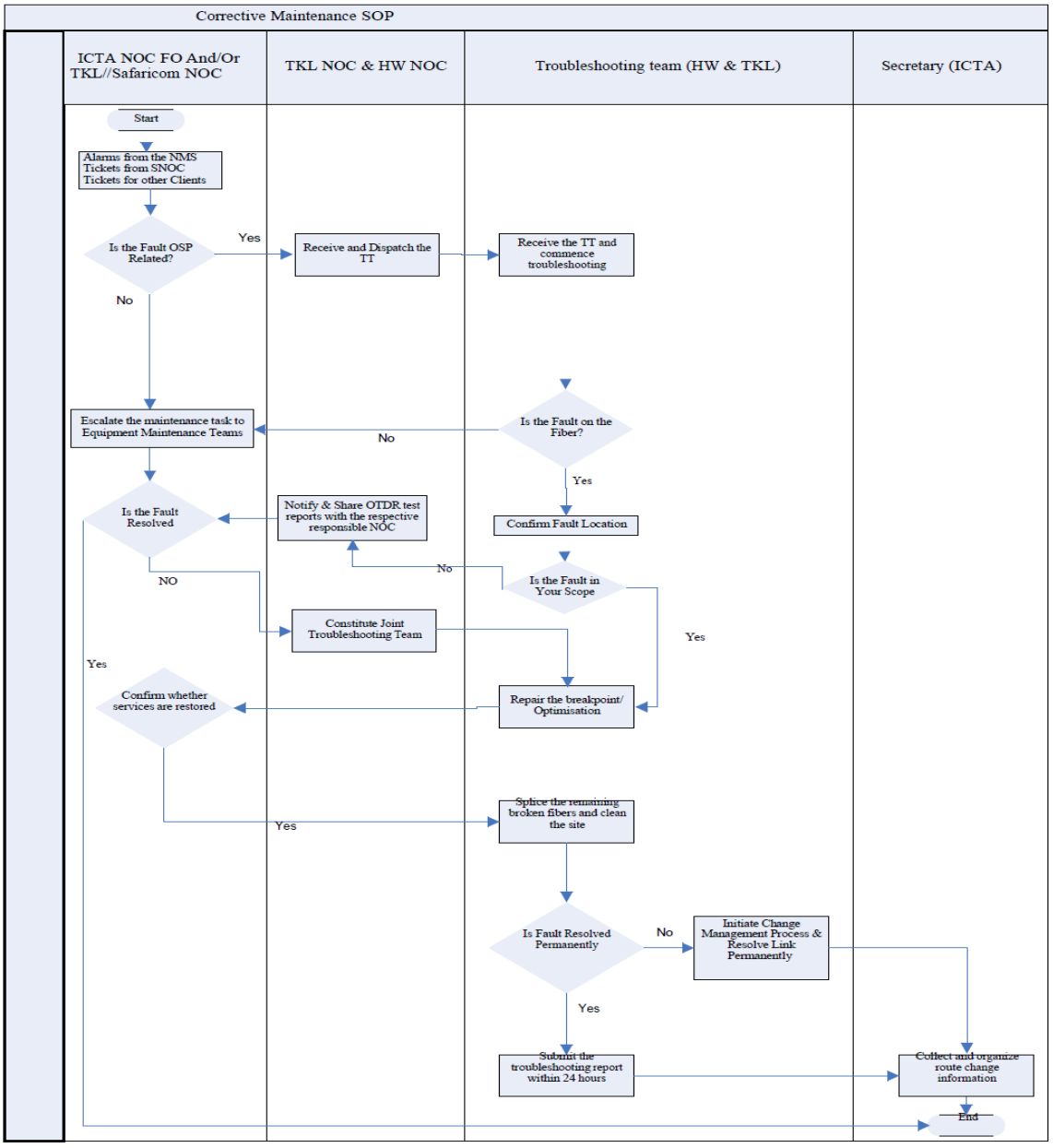
The troubleshooting process involves 4 roles with different responsibilities described as follows:

No.	Role	Key Responsibility
1.	ICTA NOC and/or SNOC/ MOD	a (i). ICTA NOC Monitors the NMS, records the occurring time, place, and the cause of faults, and notifies related persons (HWNOC & TKLNOC) in charge immediately. (ii). SNOC Monitors Safaricom links on NOFBI fiber and escalates to ICTA NOC and HWNOC/TKL NOC b ICTA NOC Tracks and records the troubleshooting progress until the service is restored. c The TT generated as a result of the fault shall be sent to both HW &
2.	HWNOC & TKLNOC	a Receives the trouble ticket from ICTA NOC and/or SNOC/TKL NOC, collects the occurring time, place, cause, and makes a fault record. b Submits weekly and monthly reports to (ICTA); c Takes the responsibility of BO and provides remote guidance for the troubleshooting team.
3.	Troubleshooting team (TKL & Huawei)	a Patrols cables in the region which the group is responsible for (NOFBI I or NOFBI II) b Goes to the site to perform troubleshooting after receiving a trouble ticket from the respective NOC, informs the NOC of detailed information about the fault, tests the optical fiber cable lines after repair, and outputs the test report; If the reported failure is not within the scope of a particular team, OTDR test reports backing this claim should be sent to the respective NOC and the responsible team notified. c Should the failure not be resolved by (b) above, both teams shall be required to carry out joint troubleshooting and resolution. Joint team to be constituted and resolve the fault within SLA d Restore all the cores to working condition whether temporarily or
4.	ICTA /Secretary (Document	a Receives troubleshooting reports from TKL & HW, analyzes and submits them to the carrier. b Submits collected weekly and monthly reports to the Management and assists in outputting a report used for the communication with

	processor)	
5.	Designer	a Receives troubleshooting reports from every region, collects route change information, and updates the route information on the drawing. b Tracks troubleshooting reports and confirms that the change information of faulty routes is correct.

2 Basic Process of Optical Fiber Cable Troubleshooting

2.1 General Process



2.2 Process Introduction

No.	Role	Action	Key Responsibility
1	ICTA NOC and/or SNOC/TKL FO	Sends the notice by phone and email.	Informs TKL & HW NOC of the fault by phone and email and indicate the faulty route section, the occurring time, and cause.
2	HWNOC & TKLNOC	Receives the notice and makes a record.	Receives the trouble ticket, records and confirms related information.
3		Sends the notice by phone.	Informs the troubleshooting team of detailed fault information by phone.
4	Troubleshooting g team	Goes to the nearest site.	Receives the information and goes to the site that is nearest to the faulty optical fiber cables (all the tools are ready during inspection).
5	Troubleshooting team	Carries out tests.	Carries out tests to measure the breakpoint distance.
6		Sends the notice by phone.	Informs NOC and the supervisor of breakpoint information by phone.
7		Searches for the breakpoint.	Searches for the breakpoint by referring to the paper drawing.
8		Takes a picture.	Takes a picture before repair.
9		Sends the notice by phone.	Notifies the fault and related information.
10		Restores the fault.	Restores the fault.
11		Confirms whether the service is restored.	Contacts NOC to confirm whether the service is restored.
12		Takes a picture.	Takes a picture (the joint box in the picture must be clear).
13		Locates the section.	Locates the section through GPS.
14		Cleans the site.	Cleans the site and takes away all the tools and devices.
15		Records route change information.	Records route change information and submits it to the line designer within 24 hours.
16		Fills in the fault report and submits the fault report.	Fills in the fault report and submits it to the regional manager within 24 hours.
17	HWNOC & TKLNOC	Submits the daily report.	Submits the daily report to the secretary and supervisor of the maintenance party.

1.1 Precautions

a) Notification about 4 time points: The troubleshooting team informs NOC of detailed information about 4 time points: the time when the team starts off, arrives at the site, finds the breakpoint, and restores the breakpoint. In this way, NOC can track the troubleshooting progress at any time;
   - The troubleshooting team notifies NOC that the team has started off and informs them of the preparation.
   - The troubleshooting team arrives at the site, measures the breakpoint distance through a test, and informs NOC of detailed information about the breakpoint.
   - The troubleshooting team finds the breakpoint through a test and informs NOC of detailed information by phone.
   - After finishing the repair, the troubleshooting team confirms the service recovery status with NOC

b) "Taking a picture twice" means taking a picture before the repair and after service recovery.
   - Taking a picture before the repair is to record the condition before the repair.
   - Taking a picture after the repair is to show the carrier that the splicing is complete and that services are restored.

2.3 Security

a) Observe the traffic laws and pay attention to safety on the road;
b) Pay attention to the QEHS
c) Pay attention to the communication and negotiation method and avoid conflict with the construction party of the project near the optical fiber cable.

3 . Change Management

3.1 Planned works

a) All planned works shall be affected 72hours after ICTA Notifying customer NOC after ICTA internal change management approval process

b) Interceptions shall be executed by Service Provider under supervision from ICTA

c) Approval for Interception shall be required before Any Interception. Requirement for Such Approval are Valid TT/CRQ and Documentation of the proposed Change. Such Documentation must have the following:
   a) New Sites (Names and IDs)
   b) Routes Design (With the correct route length)
   c) NOFBI I/II Interception Manholes (with Correct Numbering e.g **MH-NBI01649**)
   d) Fiber distribution diagram / Splice points (PDF)

d) No New Manholes shall be introduced unless with Approval from ICTA

3.2 Handover & Acceptance

All Service providers shall furnish ICTA with As Built Documentation for all interceptions before Handover and Acceptance. This will include As Built Designs as in 3.1 (c) above, Power Meter readings and OTDR Traces.

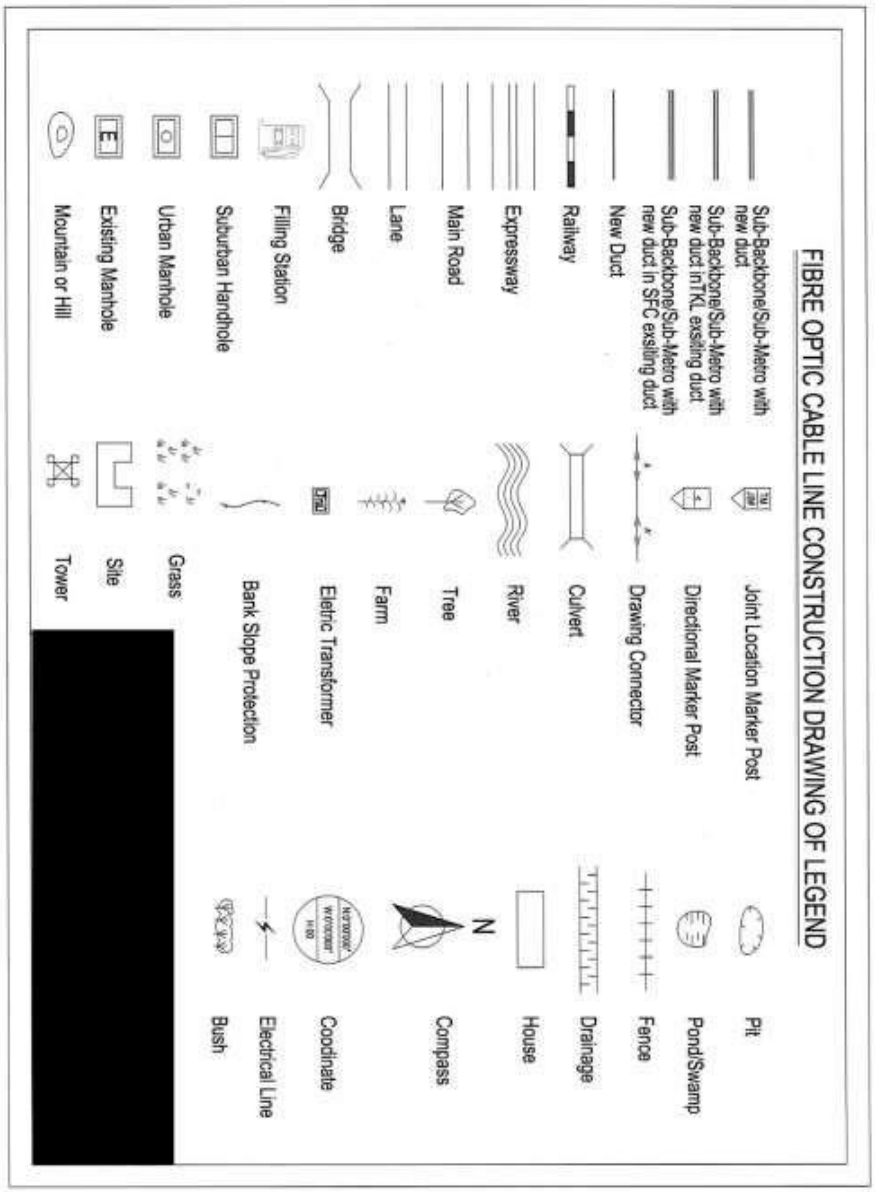
3.3 Core Allocation

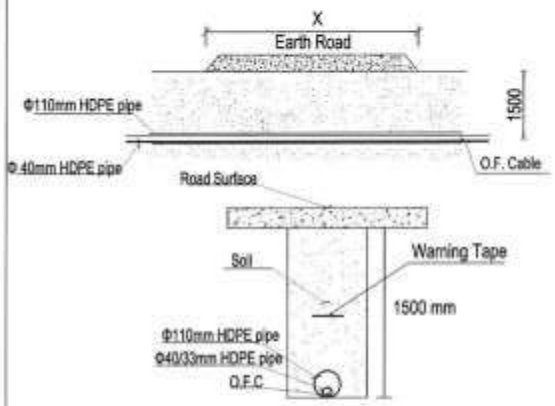
Tube NO.	User	Main Project	Fibers usage order
Tube 1			core 1, core 2, core 3, core 4, core 5, core 6
Tube 2			core 6, core 5, core 4, core 3, core 2, core 1
Tube 3			core 1, core 2, core 3, core 4, core 5, core 6
Tube 4			core 1, core 2, core 3, core 4, core 5, core 6

*

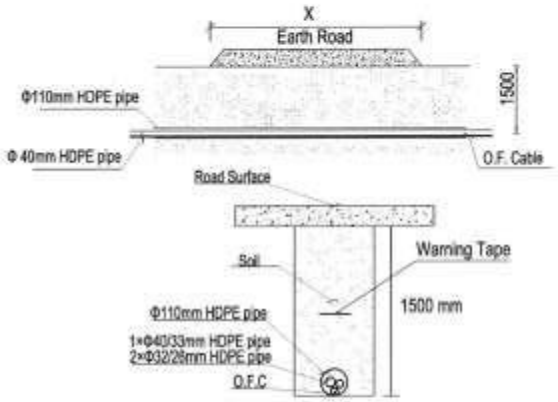
NB: The detailed distribution of these equipment will be provided during the pre-bid meeting

ANNEX 4: NOFBI Design Specifications





CONVENTIONAL ROAD CROSSING Sub-Backbone; (Figure 4a)

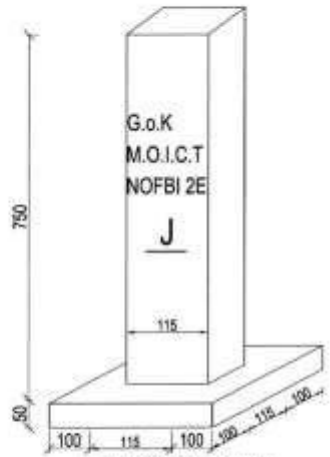


CONVENTIONAL ROAD CROSSING Sub-Metro; (Figure 4b)

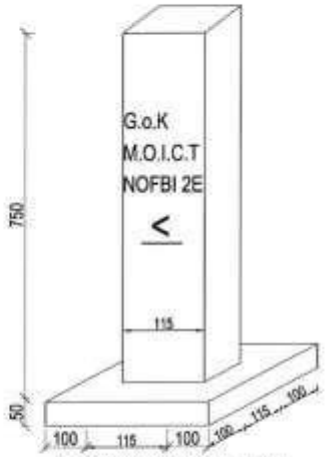
Description:

1. When cutting road and the depth should be 1.5m.

[redacted]



JOINT MARKER POST: (Figure 13)



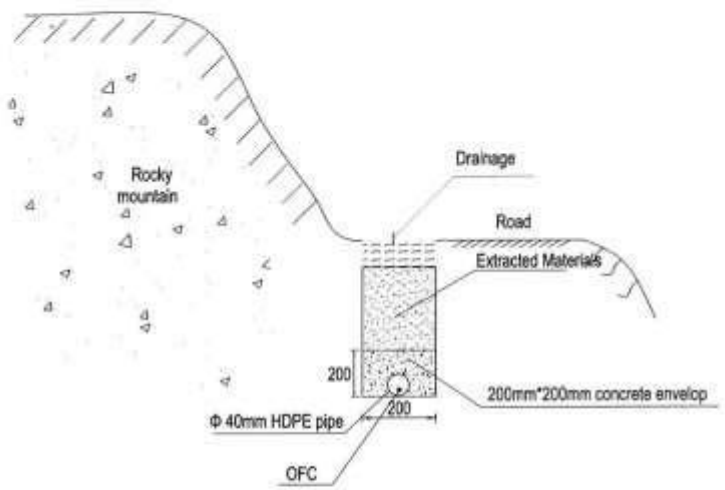
DIRECTIONAL MARKER POST: (Figure 14a)

Note:

1. Marker post made of solid hardened plastic material
2. The marker posts to be painted white (2 coats) but the base not to be painted.
3. The Labelling has text height of 25mm (with J having 60mm height) and 15mm spacing between the lines, all black in colour and sink engraved to 2mm depth.
4. All post surfaces to be fully smooth
5. 400mm of the marker post to be above the ground surface

Unit: mm

[redacted]



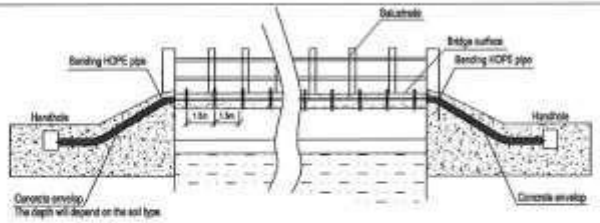
CONCRETE ENVELOP IN ROCKY MOUNTAIN AREA; (Figure 12)

Unit: mm

Description:

1.The trench depth is 400mm below the bottom of drainage.

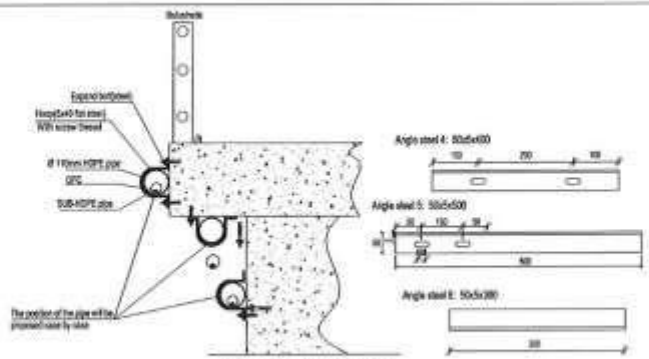
[redacted]



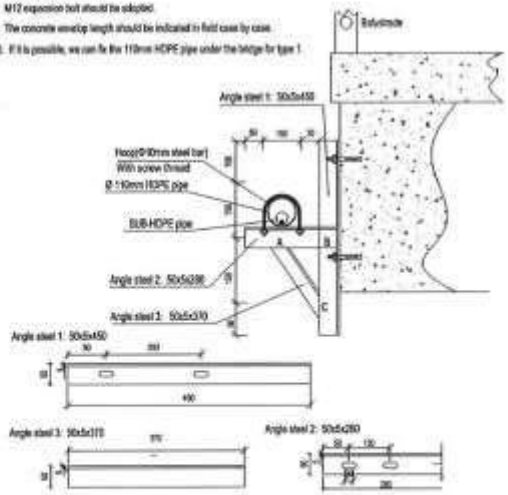
SIDE VIEW OF BRIDGE CROSSING; (Figure 9)

Description:

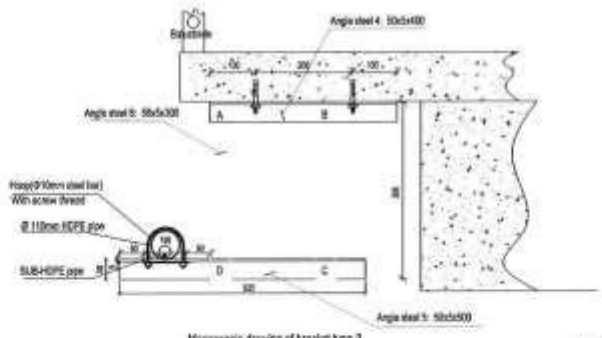
1.Angle steel should be connected by weld.
2. Galvanized Angle steel should be adopted.
3.Bracket should be painted by anticorrosive paint.
4.The coupling of the Ø110mm HDPE pipe should be installed up to handhole at both sides of bridge.
5.One Ø40/33mm SUB-HDPE pipe for backbone, One Ø40/33mm and two Ø32/26mm SUB-HDPE pipes for metro.
6. Manhole should be set both sides of bridge is metro, handhole should be set both sides of bridge in backbone.
7. Weld points: A,B,C and D.
8. M12 expansion bolt should be adopted.
9. The concrete envelop length should be indicated in field case by case.
10. If it is possible, we can fix the 110mm HDPE pipe under the bridge for type 1.



Megascopic drawing of bracket type-1



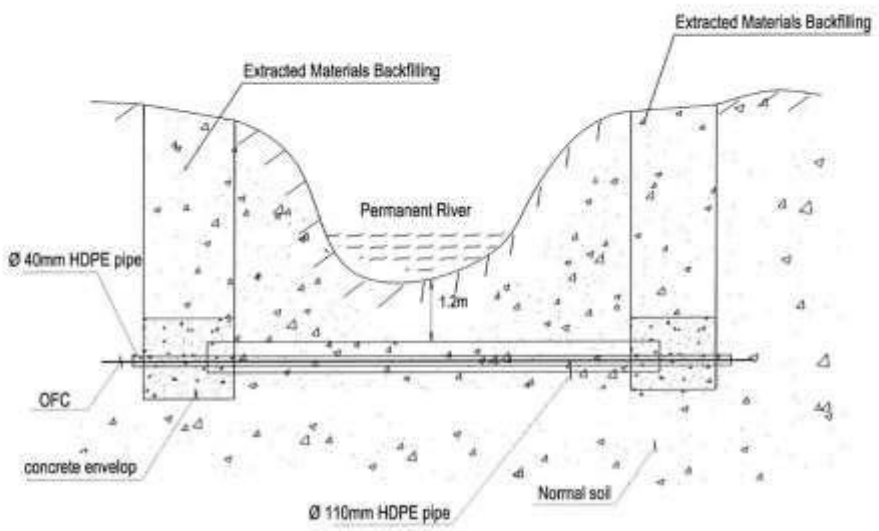
Megascopic drawing of bracket type-2



Megascopic drawing of bracket type-3

Unit: mm

[redacted]

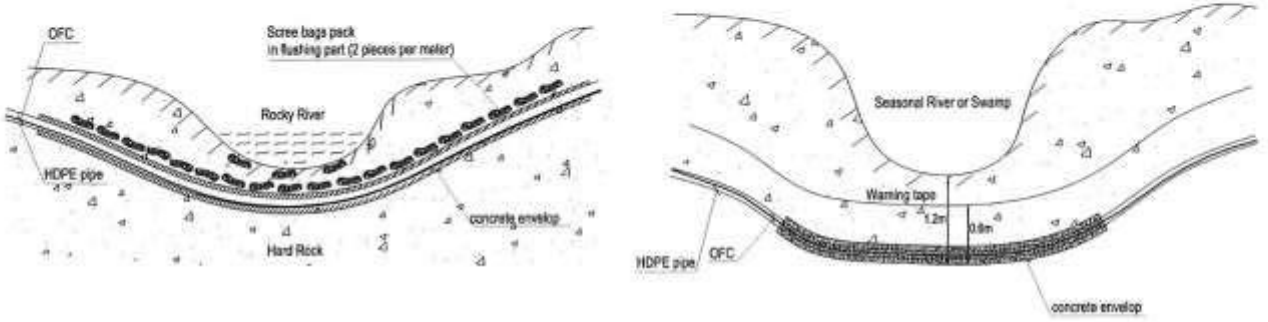


RIVER CROSSING BY DRILLING; (Figure 8)

Description:

1.One Ø110mm HDPE pipe should be used.
2.One Ø40/33mm SUB-HDPE pipe for backbone,
One Ø40/33mm and two Ø32/26mm SUB-HDPE pipes for metro.
3.The depth is 1.2m below the lowest point of the river bed.

[redacted]



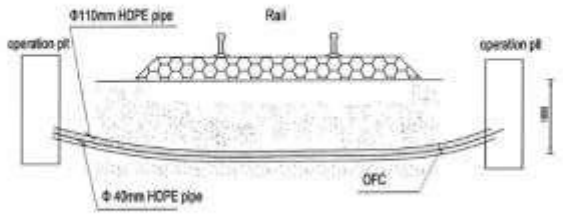
RIVER CROSSING BY EXCAVATION (Figure 7)

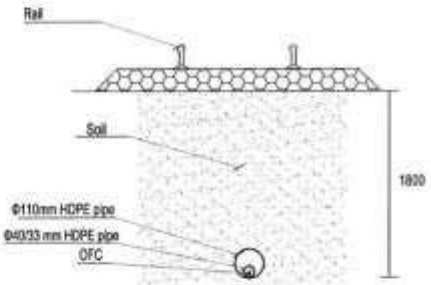
Description:

1. One Ø40/33mm SUB-HDPE pipe for backbone,
   One Ø40/33mm and two Ø32/26mm SUB-HDPE pipes for metro.
2. The depth is 1.2m below the lowest river bed.
3. The concrete envelop dimension is 200mm*200mm, concrete grade is C15.
4. The scree bag dimension is 200mm(H)*300mm(W), the weight is 30kg at least, the ratio should be 1:2.5.

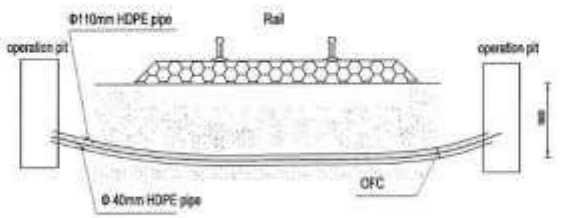
Unit: mm

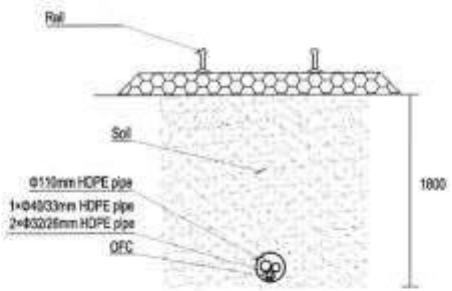
[redacted]





RAIL CROSSING BY HORIZONTAL DRILLING-Backbone; (Figure 6a)

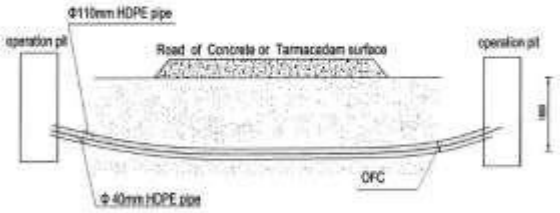


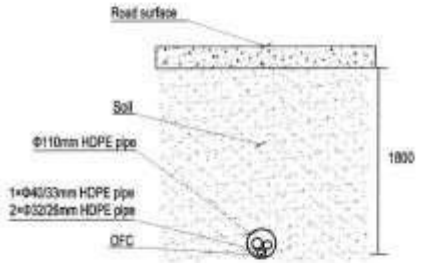


RAIL CROSSING BY HORIZONTAL DRILLING-Metro; (Figure 6b)

Unit: mm

[redacted]

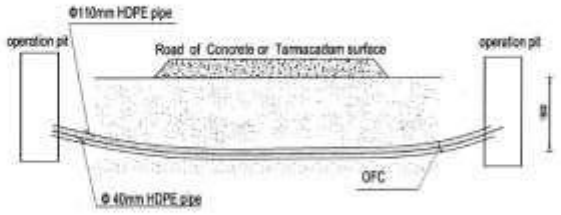


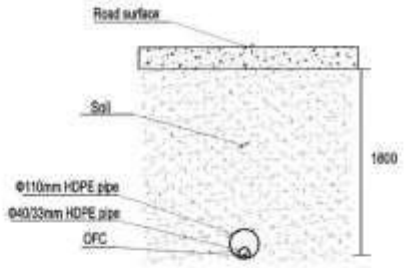


ROAD CROSSING BY HORIZONTAL DRILLING (Normal road in metro); (Figure 5c)

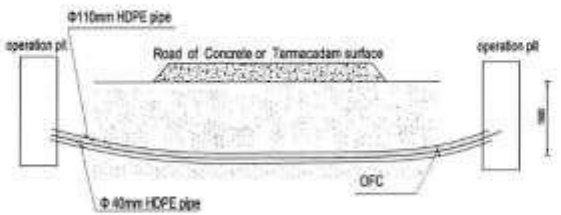
Unit: mm

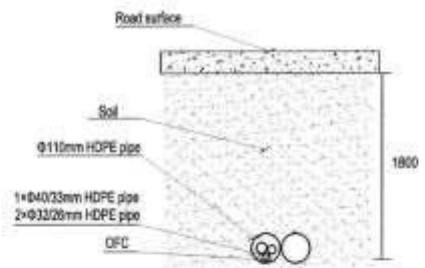
[redacted]





ROAD CROSSING BY HORIZONTAL DRILLING-Backbone; (Figure 5a)



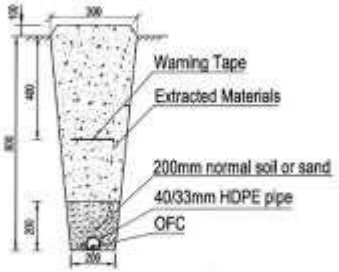


ROAD CROSSING BY HORIZONTAL DRILLING (Grade A road in metro); (Figure 5b)

Unit: mm

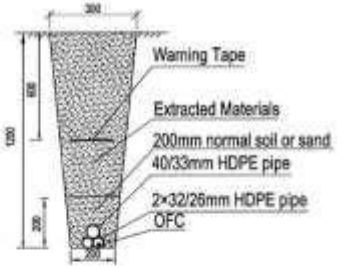
[redacted]

NORMAL, HARD AND GRAVEL SOILS-Backbone; (Figure 1a)



SOFT ROCKY TRENCH-Backbone; (Figure 2a)

HARD ROCKY TRENCH-Backbone; (Figure 3a)

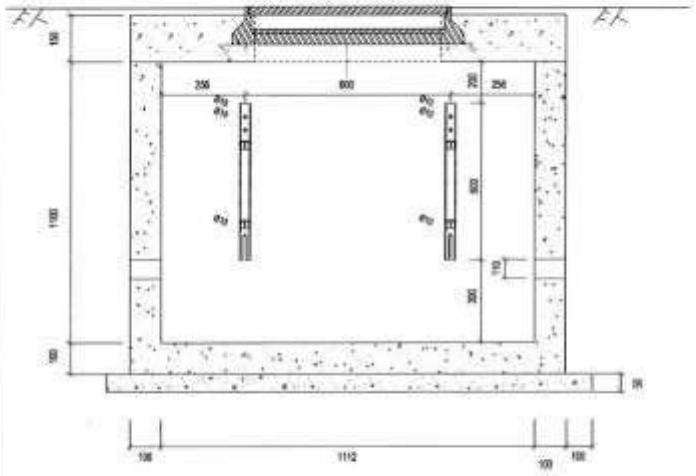


NORMAL, HARD AND GRAVEL SOILS-Metro; (Figure 1b)

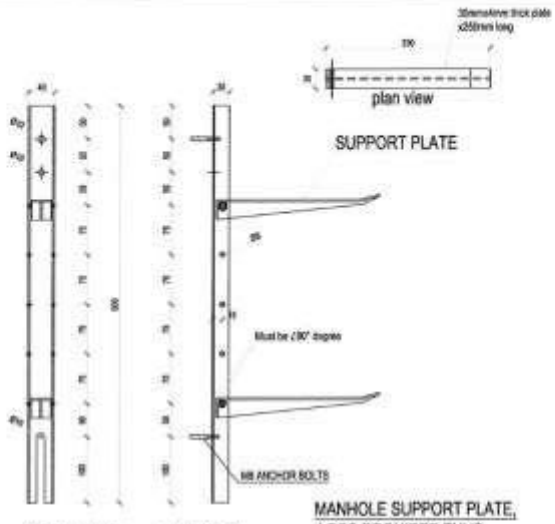
SOFT ROCKY TRENCH-Metro; (Figure 2b)

HARD ROCKY TRENCH-Metro; (Figure 3b)

[redacted]



Cross Section A-A'



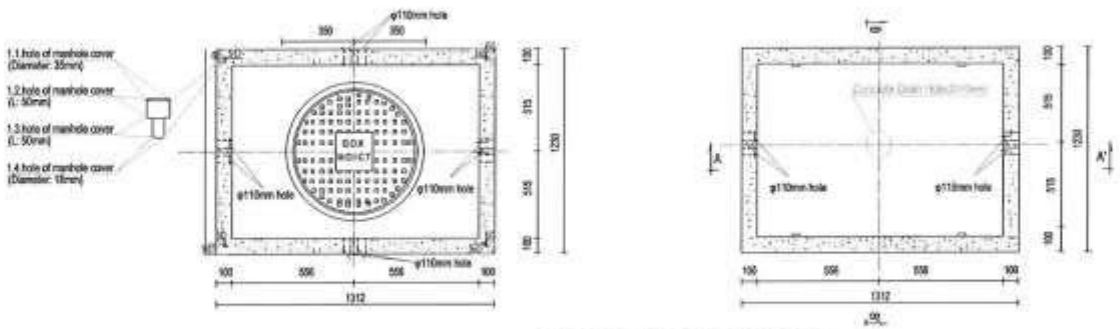
MANHOLE SUPPORT PLATE,
4 PCS REQUIRED THUS

Explain:
1. SUPPORT: (1) It is Galvanized steel.
(2) Is installation on the wall which is always face to the road

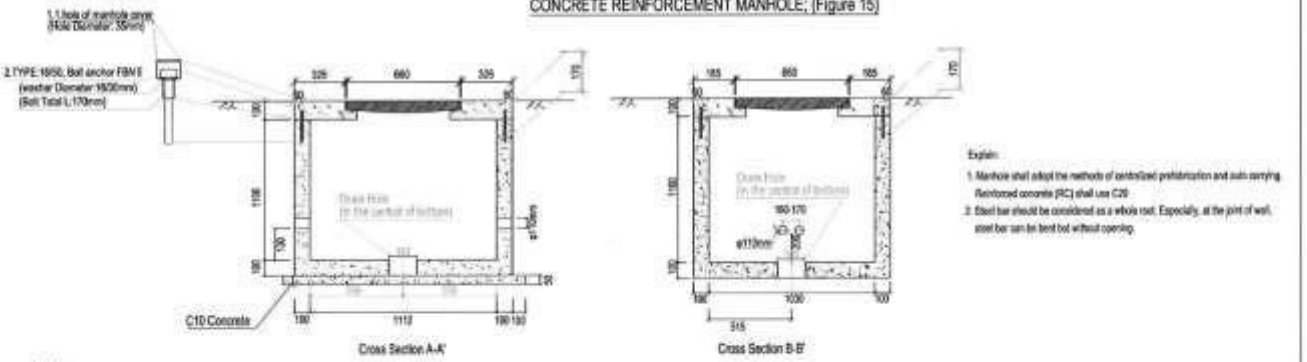
Unit: mm

Explain:
1. SUPPORT: the support of installation of wall is always face to the road

[redacted]



CONCRETE REINFORCEMENT MANHOLE; (Figure 15)



Explain:

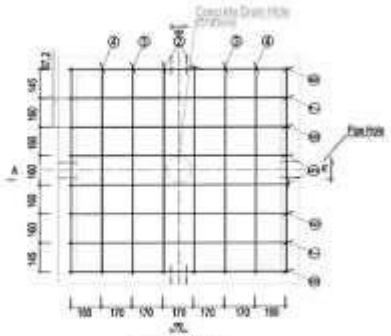
1. Manhole shall adopt the methods of centrifuged prefabrication and auto carrying. Reinforced concrete (RC) shall use C20
2. Steel bar should be considered as a whole rod. Especially, at the joint of wall, steel bar can be bent but without opening.

Notes:

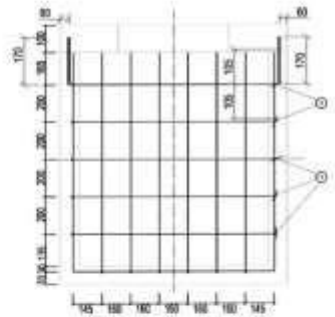
1. Manhole external dimension is 1312mm×1230mm (L×W).
2. Manhole internal dimension is 1112mm×1030mm (L×W).
3. Manhole cover diameter is 660mm.
4. Manhole body will be cast or pre-cast reinforced concrete for overall.
5. Manhole body also can be brick masonry for some special scenario such as the space is not enough for cast.
6. Manhole top and cover will be polymer concrete material.
7. Manhole cover is lockable.
8. The lock mechanism must be galvanized steel material.
9. The connection components between lock mechanism and manhole cover must be galvanized screw, so that the maintenance will be easy.
10.1 The Manufacture of Drain Hole (Diameter 140mm) which must be in central of slab of manhole bottom.
10.2 keep 10-20mm as a slope down where from the manhole wall to the central of the manhole bottom.

[redacted]

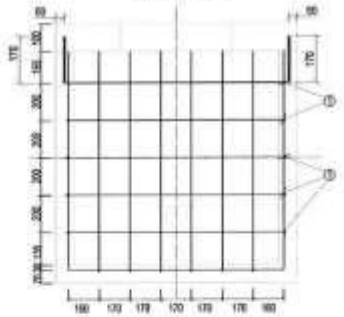
Unit: mm



Bottom of Manhole



Cross Section B-B'



Cross Section A-A'

REBAR SHEDULE

Type	Shape	Amount
① Φ8mm		6
② Φ10mm		2
③ Φ10mm		2
④ Φ10mm		2
⑤ Φ10mm		2
⑥ Φ10mm		2
⑦ Φ10mm		2
⑧ Φ10mm		2

Expansion Bolt

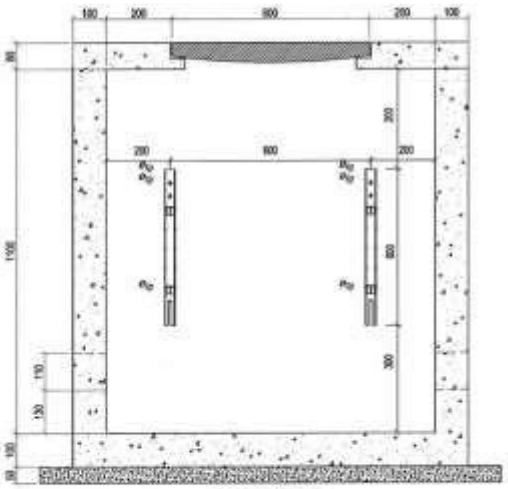
Type	Shape	Amount
⑨ Φ10mm		4

Unit: mm

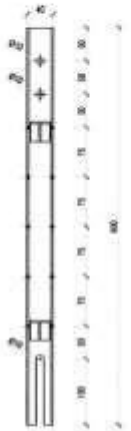
Explain:

1. Deformed steel bar will be used.
2. Generally speaking, the steel bars should not be connected. When the connection is necessary, the overlap distance of the two bars should be more than 150mm.
3. Normally Minimum cover to reinforcement 40mm from outside walls and 30mm from inside walls.

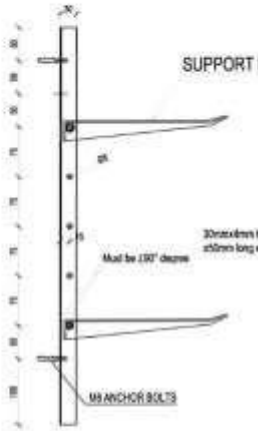
[redacted]



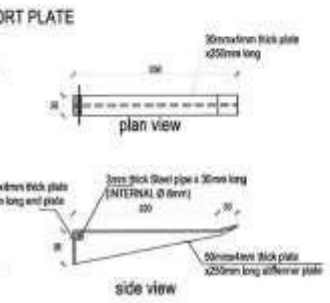
Cross section A-A'



FRONT VIEW



SIDE VIEW



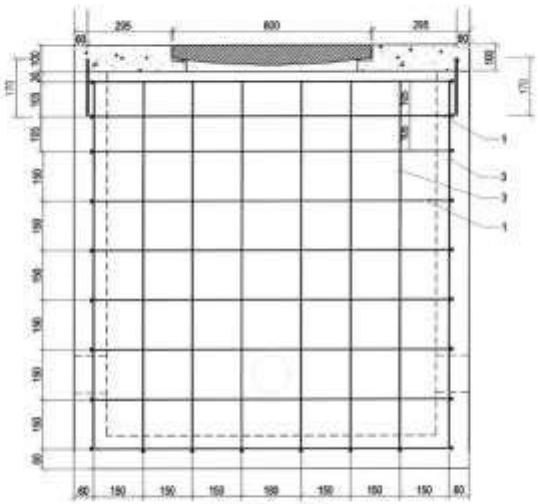
MANHOLE SUPPORT PLATE,
4 PCS REQUIRED THUS

Explain:

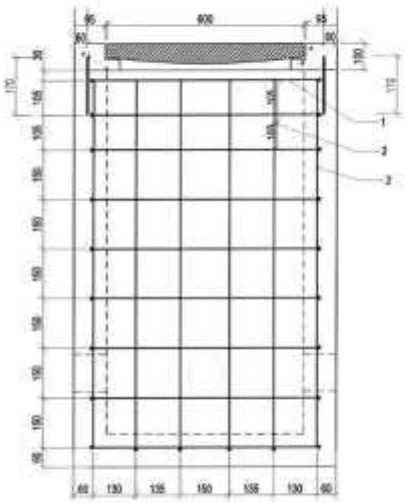
1. SUPPORT: (1) it is Galvanized steel.
(2) to installation on the wall which is always face to the road

[redacted]

Unit: mm



Cross Section A-A'



Cross section B-B'

REBAR SHEDULE

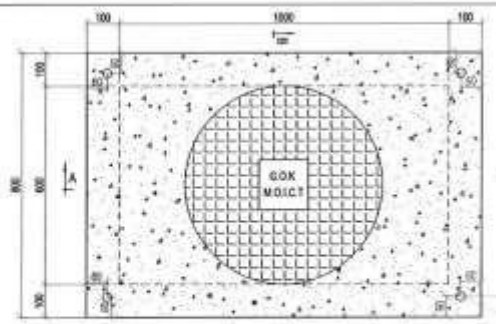
Type	Shape	Amount
① Φ8mm		6
② Φ10mm		4
③ Φ10mm		6

Expansion Bolt

Type	Shape	Amount
① Φ10mm		4

[redacted]

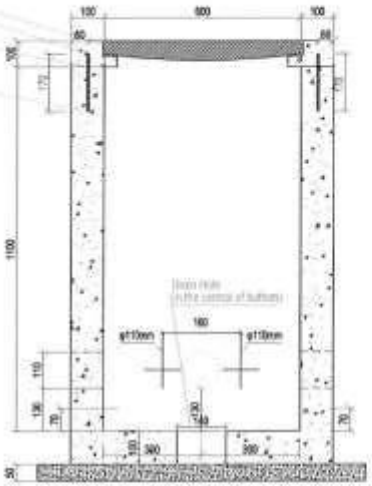
Unit: mm



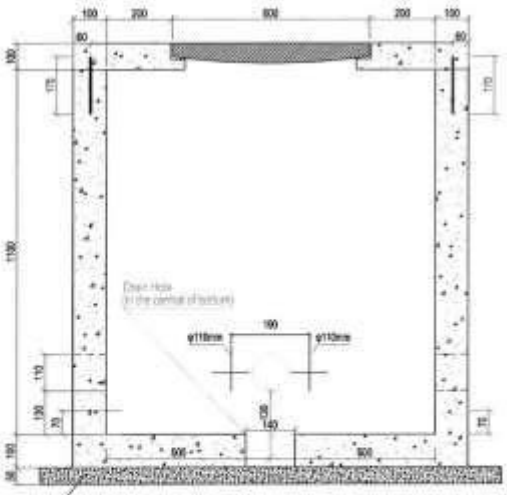
Manhole Plan Drawing: (Figure 15)

1.1.hole of manhole cover (Diameter: 35mm)
1.2.hole of manhole cover (...59mm)
1.3.hole of manhole cover (...59mm)
1.4.hole of manhole cover (Diameter: 18mm)

1.1.hole of manhole cover (Hole Diameter: 35mm)
2.TYPE 16/200, Bolt anchor FBN II (washer Diameter:16/30mm) (Bolt Total L:170mm)



Cross section B-B'



Cross section A-A'

Explain:

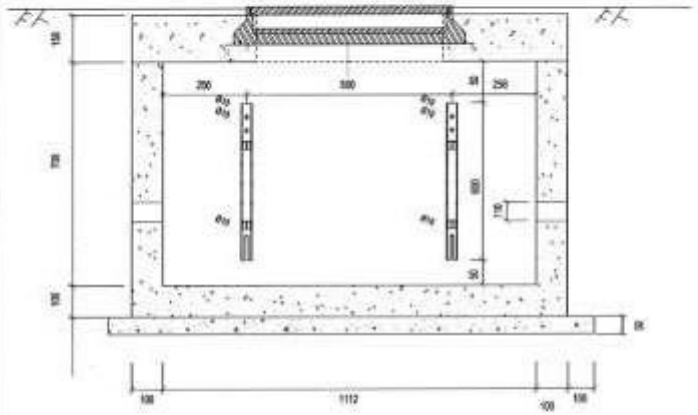
1. Manhole shall adopt the methods of centralized prefabrication and auto carrying. Reinforced concrete (RC) shall use C30
2. Steel bar should be considered as a whole rod. Especially, at the joint of wall, steel bar can be bent but without opening.

Notes:

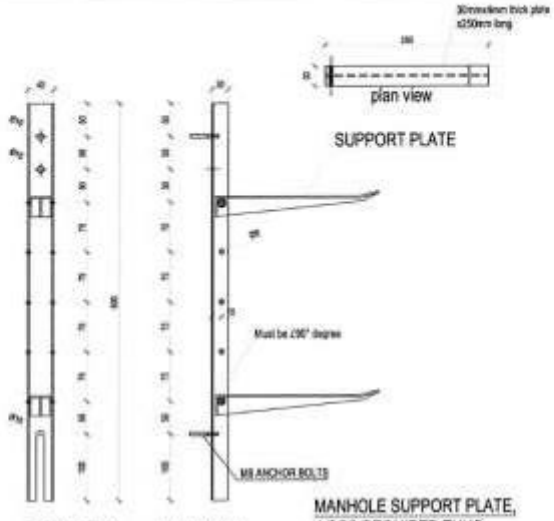
1. Manhole external dimension is 1200mm×800mm (L×W).
2. Manhole internal dimension is 1000mm×600mm (L×W).
3. Manhole cover diameter is 606mm.
4. Manhole body will be cast or pre-cast reinforced concrete for overall.
5. Manhole body also can be brick masonry for some special scenario such as the space is not enough for cast.
6. Manhole top and cover will be polymer concrete material.
7. Manhole cover is lockable.
8. The lock mechanism must be galvanized steel material.
9. The connection components between lock mechanism and manhole cover must be galvanized screw, so that the maintenance will be easy.
10.1 The Manufacture of Drain Hole (Diameter 140mm) which must be in central of slab of manhole bottom.
10.2 keep 10-20mm as a slope down where from the manhole wall to the central of the manhole bottom.

[redacted]

Unit: mm



Cross Section A-A'

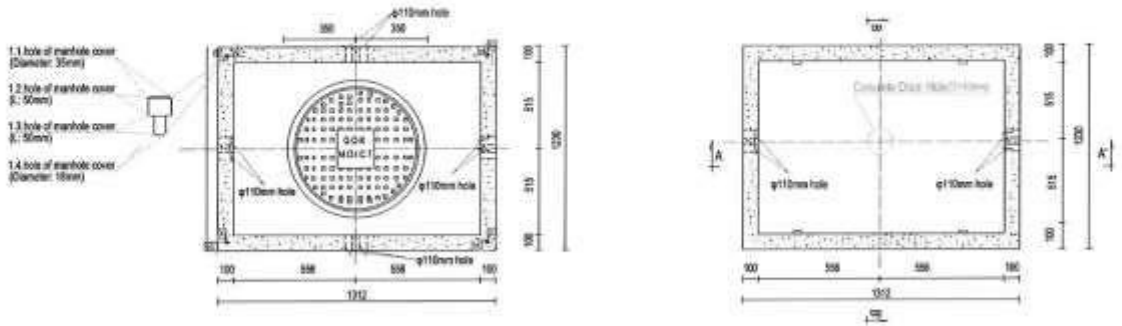


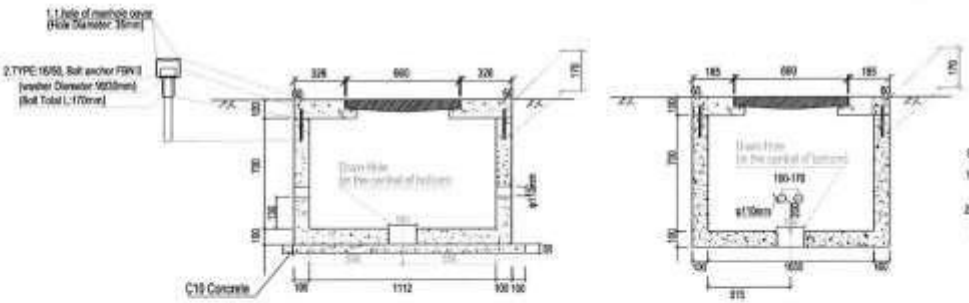
Explain:

1. SUPPORT (1) it is Galvanized steel.
(2) to installation on the wall which is always face to the road

[redacted]

CONCRETE REINFORCEMENT MANHOLE: (Figure 15)





Cross Section A-A'

Cross Section B-B'

Explain:

1. Manhole shall adopt the methods of centralized prefabrication and auto-carrying.
   Reinforced concrete (RC) shall use C20
2. Steel bar should be considered as a whole cost. Especially, at the joint of wall, steel bar can be bent but without opening.

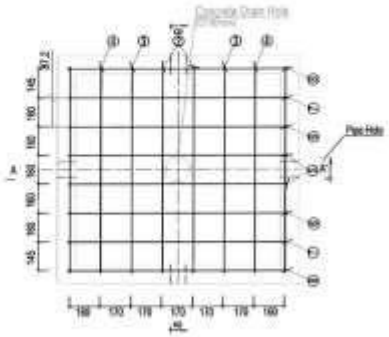
Notes:

1. Manhole external dimension is 1312mm*1236mm (L*W).
2. Manhole internal dimension is 1112mm*1036mm (L*W).
3. Manhole cover diameter is 800mm.
4. Manhole body will be cast or pre-cast reinforced concrete for overall.
5. Manhole body also can be brick masonry for some special scenario such as the space is not enough for cast.
6. Manhole top and cover will be polymer concrete material.
7. Manhole cover is lockable.
8. The lock mechanism must be galvanized steel material.
9. The connection components between lock mechanism and manhole cover must be galvanized screw, so that the maintenance will be easy.
10.1 The Manufacture of Drain Hole (Diameter 148mm) which must be in central of slab of manhole bottom.
10.2 keep 10-20mm as a slope down where from the manhole wall to the central of the manhole bottom.

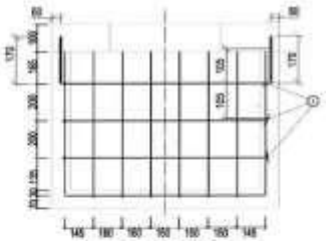
[redacted]

Unit: mm

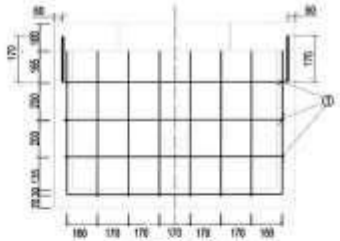
CONCRETE REINFORCEMENT MANHOLE: (Figure 15)



Bottom of Manhole



Cross Section B-B'



Cross Section A-A'

REBAR SHEDULE

Type	Shape	Amount
① Φ6mm		8
② Φ10mm		2
③ Φ12mm		2
④ Φ16mm		2
⑤ Φ16mm		2
⑥ Φ12mm		2
⑦ Φ16mm		2
⑧ Φ16mm		2

Expansion Bolt

Type	Shape	Amount
① Φ16mm		4

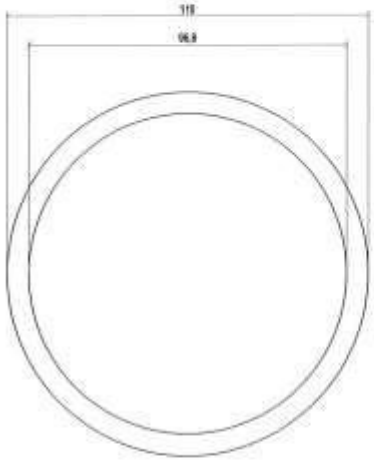
Explain:

1. Deformed steel bar will be used.
2. Generally speaking, the steel bars should not be connected. When the connection is necessary, the overlap distance of the two bars should be more than 150mm.
3. Normally Minimum cover to reinforcement 40mm from outside walls and 30mm from inside walls.

[redacted]

26/32mm HDPE Pipe

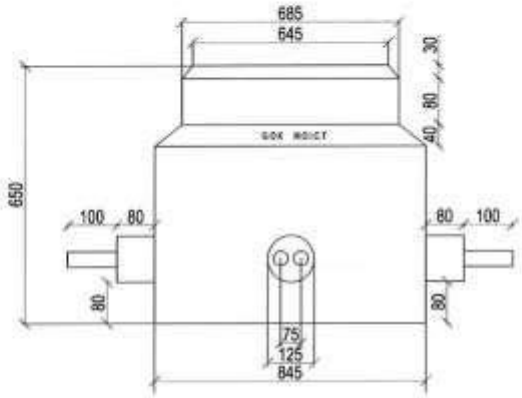
33/40mm HDPE Pipe



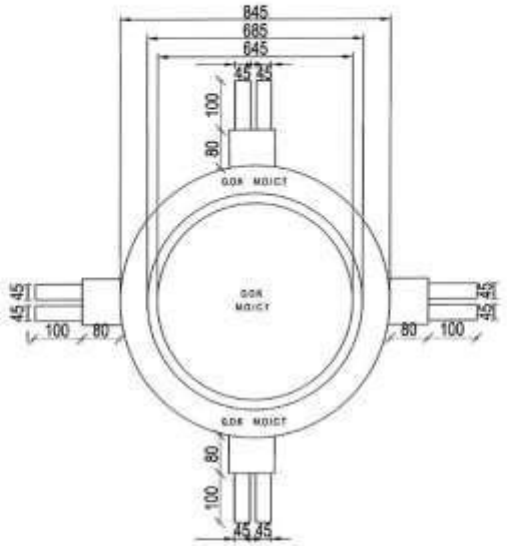
110mm HDPE Pipe

Unit: mm

[redacted]



PLASTIC HANDHOLE: (Figure 16)



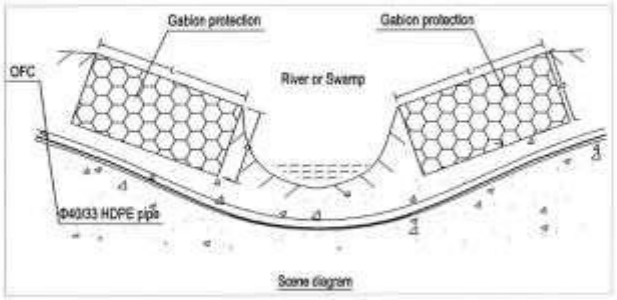
SCHEMATIC DRAWING OF PLASTIC HANDHOLE:

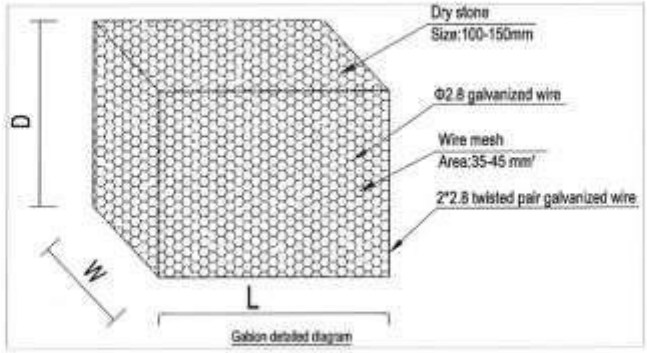
Notes:

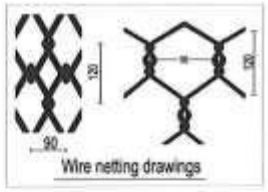
1. The handhole color is white as the color of HDPE Pipe.

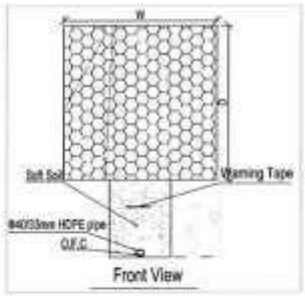
Unit: mm

[redacted]







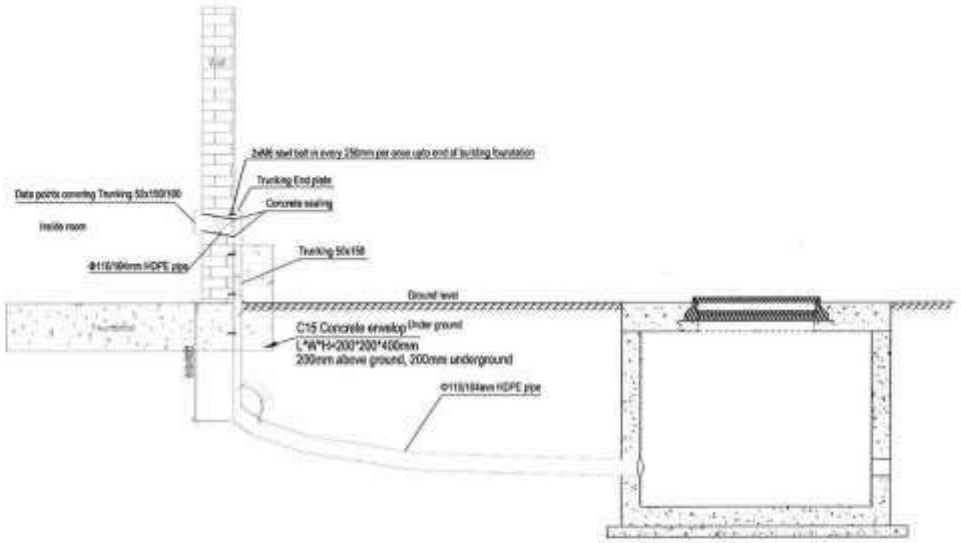


Gabion protection; (Figure 21)

Unit: mm

Description:

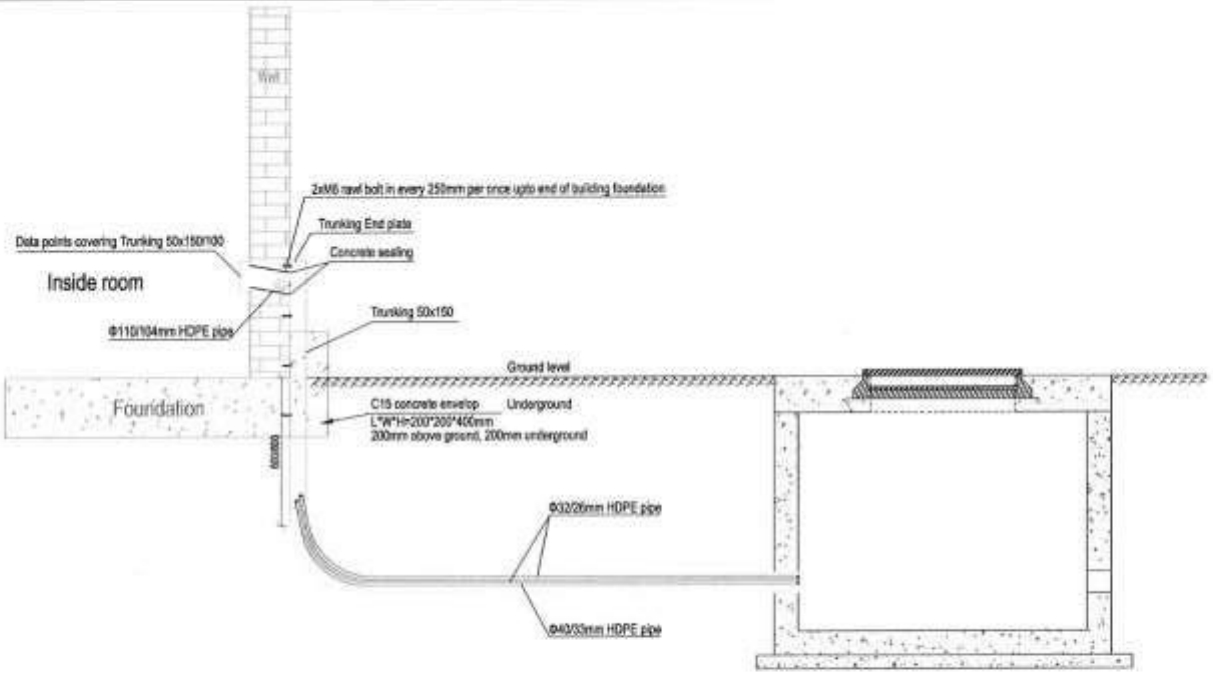
1. One Ø40/33mm SUB-HDPE pipe for sub-backbone, One Ø40/33mm and two Ø33/26mm SUB-HDPE pipes for sub-metro, Two Ø40/33mm and two Ø33/26mm SUB-HDPE pipes for sub-metro with sub-backbone together.
2. The depth is 1.2m below the surface.
3. Gabion size is according to detailed design, and what is scenarios require gabions still depends on detailed designs.
4. Gabion rocks should be of a minimum of 100mm diameter and maximum of 150mm diameter and be natural solid non-porous hard rock.
5. Gabion mesh should be of minimum 2.8mm galvanized wire with double twist. The Wire should be Hot Deep Galvanized class 1 of 366g/m2 of zinc coating.
6. Construction procedures: prepare the mesh cage - package the rocks - line up and cage - install cage in trench.



Bosal works by Trunking (Figure 20b)

unit: mm

[redacted]

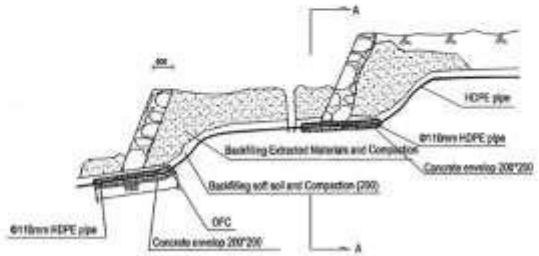


Bosal works by Trunking (Figure 20a)

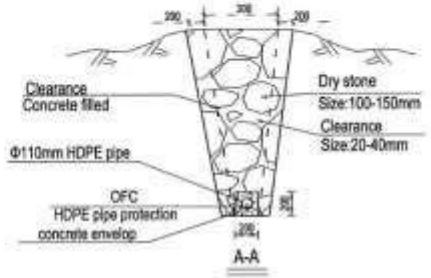
unit: mm

[redacted]

Description:
1. HDPE Pipe with the trunking connection should follow indicated degrees for easy of CFC entry and as second protection for preventing water getting inside the room.
2.Remove the partition in 50x150 Trunking used in bosal works



Stone ridge revetment for OFC crossing steep ridge



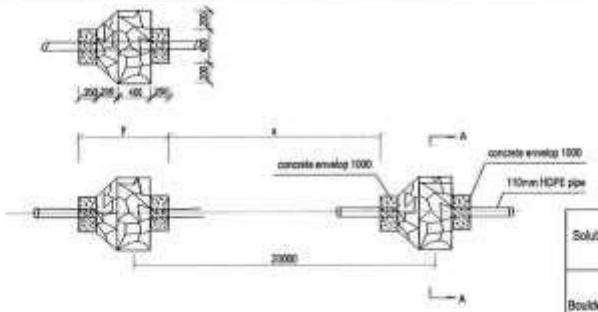
STONE PITCHING ON UNEVEN SLOPES; (Figure 19)

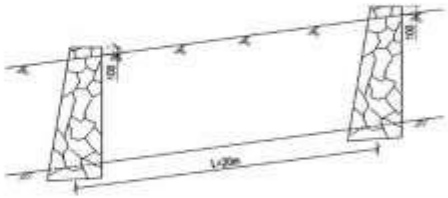
Description:

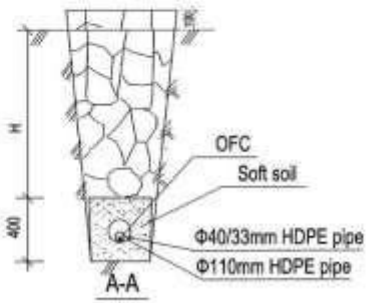
1.The depth of stone ridge revetment depends on the project.
2.The gradient is the same as the original landform.
3.The curvature is more than 20 times of OFC external diameter.
4.The ridge protection is made of stone and must be 200mm wider than the OFC trench.
5.All dimensions unaccounted are in millimetres.
6.This drawing is suitable for the SUB-Backbone and SUB-Metro duct OFC installation.
7.Mortar ration: 1:1.
8.Stone pitching size is according to detailed design, and what is scenarios require stone pitching still depends on detailed designs.
9.Clearance between stones must be fully filled with concrete.

Unit: mm

[redacted]







Solution type	Deployment scenarios	Description					
		Slope angle (°)	Depth extent	Spacing (m)	concrete envelop length, y (m)	Envelopes spacing	Backfilling material
Boulders in Mortar	All areas that are slopy as defined	≥ 45	Full depth	15	Complete trench	N/A	compacted soil
		30 ≤ S < 45	Full depth	20	2	20	compacted soil
		15 ≤ S < 30	Full depth	N/A	N/A	N/A	compacted soil
		S < 15	Full depth	N/A	N/A	N/A	compacted soil

RETAINING WALL ON EVEN SLOPES; (Figure 18)

Description:

1.In sloping areas where soil erosion risk is very high, retaining wall protection for cable trench should be applied to prevent soil erosion.

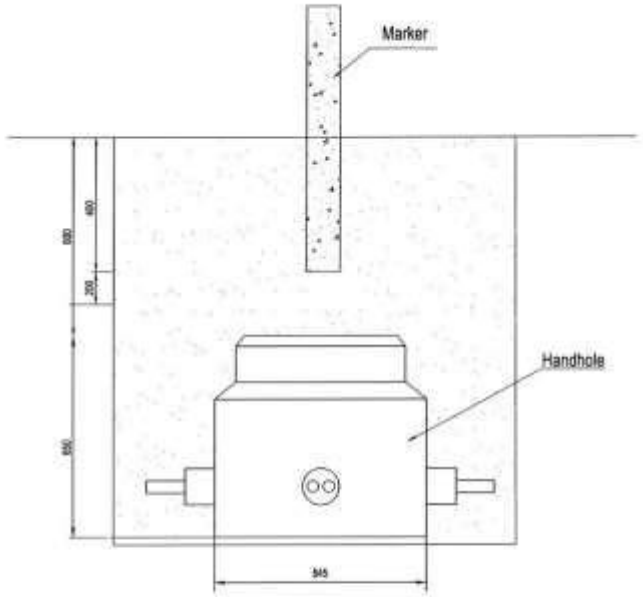
2.The top width of the block should be 0.2m more than the cable trench at both sides, and bottom width of the block should be 0.3m more than the cable trench at both sides.

3.The distance between blocks(L) is about 20m generally.

4.The depth(H) of the block depends on the depth of the OFC trench.

Unit: mm

[redacted]



SIDE VIEW OF BURIED HANDHOLE AND MARKER; (Figure 17)

Unit: mm

[redacted]