



**TENDER NO. KP1/9A.1A/OT/009/18-19
FOR CONSTRUCTION OF TWO CYLINDRICAL TANKS WITH A
CAPACITY OF 500,000 LITRES FOR LODWAR AND MANDERA
STATIONS**

MAY 2019

**ALL TENDERERS ARE ADVISED TO READ CAREFULLY THIS TENDER
DOCUMENT IN ITS ENTIRETY BEFORE MAKING ANY BID**

OPEN TENDER DOCUMENT FOR SUPPLY OF WORKS

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ABBREVIATIONS AND ACRONYMS

1. BDS	Bid Data Sheet
2. BQ	Bills of Quantities
3. CC	Conditions of Contract
4. ICPAK	Institute of Certified Public Accountants of Kenya
5. JV	Joint Venture
6. KSh./ KES	Kenya Shillings
7. PM	Project Manager
8. PPAD 2015	Public Procurement and Asset Disposal Act, 2015
9. PPDR 2006	Public Procurement and Disposal Regulations, 2006
10. PPRA	Public Procurement Regulatory Authority
11. VAT	Value Added Tax
12. KRA	Kenya Revenue Authority
13. LC	Letter of Credit
14. TCC	Tax Compliance Certificate
15. SCC	Special Conditions of Contract
16. NCA	National Construction Authority

SECTION I - INVITATION TO TENDER

DATE: MAY, 2019

TENDER NO. KP1/9A.1A/OT/009/18-19 FOR CONSTRUCTION OF TWO CYLINDRICAL TANKS WITH A CAPACITY OF 500,000 LITRES FOR LODWAR AND MANDERA

1.1 The Kenya Power & Lighting Company Limited hereinafter referred to KPLC invites bids from eligible Tenderers for Construction of two Cylindrical Tanks with a Capacity of 500,000 Litres for Lodwar and Mandera Stations. Interested eligible Tenderers may obtain further information from the General Manager- Supply Chain, The Kenya Power & Lighting Company Ltd at Stima Plaza, 3rd Floor, Kolobot Road, P.O. Box 30099 – 00100 Nairobi, Kenya.

1.2 **Obtaining tender documents.**

1.2.1 Tender documents detailing the requirements may be obtained from the KPLC E- Procurement Portal .

1.2.2 Prospective bidders may also download the tender document from KPLC's website (www.kplc.co.ke) free of charge.

1.3 Submission of Tender documents

Completed Tenders are to be submitted in electronic format on the KPLC's E-procurement portal on the due date and time published on the portal. Tenderers are required to visit the portal from time to time for revised closing dates and addendums. The Tender is to be submitted **ONLINE** on or before the submission date and time indicated on the **KPLC tendering portal**.

1.4 Prices

Prices quoted should be inclusive of all taxes and delivery costs to the required site (where applicable) and must be in Kenya Shillings or a freely convertible currency in Kenya and shall remain valid for one hundred and twenty (120) days from the closing date of the tender.

Please note that prices indicated on the KPLC tendering portal should be exclusive of VAT.

1.5 Opening of submitted Tenders

Tenders will be opened promptly thereafter in the presence of the Tenderer's or their representatives who choose to attend in KPLC Auditorium at Stima Plaza, Kolobot Road, Parklands, Nairobi.

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1.6 Pre-bid meeting/Site Visit

There will be a **MANDATORY** site visit for both Mandera and Lodwar Stations to be held on Tuesday, 11th June, 2019 at 10.00 am and Friday, 14th June, 2019 respectively.

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SECTION II - TENDER SUBMISSION CHECKLIST

Bidders are advised to clearly label their documents while uploading on the portal.

No.	Item	Tick Where Provided
1	Tender Security	
2	Company or Contractor or Firm's Registration/Incorporation Certificate. Certificate of Confirmation of Directors and Shareholding (C.R.12) for registered companies and if not a registered company a business name for those trading as a sole proprietor or a partnership registered under the Kenyan law or equivalent certification for foreign tenderers.	
3	PIN Certificate or its equivalent for foreign companies	
4	Valid Tax Compliance Certificate or its equivalent for foreign companies	
5	Form of Tender	
6	Price Schedule(s)	
7	Declaration Form	
8	Confidential Business Questionnaire (CBQ)	
9	Duly completed Qualification Information Form. This should include the required attachments as per the form	
10	Proposed Work program(Work method & schedule)	
11	Duly completed Site Visit Form	
12	Copy of Contractor's NCA Certificate of Registration for the relevant category.	
13	List of previous clients of the Contractor for similar works indicating physical addresses.	
14	Reference letters from previous clients of the Contractor for similar works. Four (4) Names with full contact as well as physical addresses of previous clients of similar works together with a letter from each of them confirming completion of the contracts on schedule.	
15	Copy of Sub-Contractor's Certificate of Registration/Incorporation	
16	Copy of Sub-Contractor's NCA Certificate of Registration for the relevant category.	
17	List of Four (4) previous clients of the Sub-Contractor for similar works indicating physical addresses.	

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18	Reference letters from four (4) previous clients of the Sub-Contractor for similar works.	
19	Priced Bill of Quantities (signed and stamped by bidder)	
20	Duly completed Tender Form (Financial)	
21	Audited Financial Statements. The audited financial statements Required must be those that are reported within eighteen (18) Calendar months of the date of the tender document. <i>For companies or firms that are registered or incorporated within the last one calendar year of the Date of the Tender Document, they should submit certified copies of bank statements covering a period of at least six months prior to The date of the tender document. The copies should be Certified by the Bank issuing the statements. The Certification should be original.</i>	
22	Access to a credit facility	
23	Any other document or item required by the Tender Document. (The Tenderer shall specify such other documents or items it has submitted)	
24	Business Permit	

***NOTES TO TENDERERS**

1. Valid Tax Compliance Certificate shall be one issued by the relevant tax authorities and valid for at least up to the tender closing date. All Kenyan registered Tenderers must provide a valid Tax Compliance Certificate.
2. Foreign Tenderers must provide equivalent documents from their country of origin as regards Tax Compliance Certificate OR statements certifying that the equivalent documentation is not issued in the Tenderer's country of origin. The Statement(s) that equivalent documentation is not issued by the Tenderer's country should be original and issued by the Tax authorities in the Tenderer's country of origin.

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SECTION III - INSTRUCTIONS TO TENDERERS (ITT)

3.1 Definitions

In this tender, unless the context or express provision otherwise requires: -

- a) *Any reference to any Act shall include any statutory extension, amendment, modification, re-amendment or replacement of such Act and any rule, regulation or order made there-under.*
- b) *“Date of Tender Document” shall be the **start date** specified on the KPLC tendering portal.*
- c) *“Day” means calendar day and “month” means calendar month.*
- d) *“KEBS” wherever appearing means the Kenya Bureau of Standards or its successor(s) and assign(s) where the context so admits.*
- e) *“PPRA” wherever appearing means The Public Procurement Regulatory Authority or its successor(s) and assign(s) where the context so admits.*
- f) *Reference to “the tender” or the “Tender Document” includes its appendices and documents mentioned hereunder and any reference to this tender or to any other document includes a reference to the other document as varied supplemented and/or replaced in any manner from time to time.*
- g) *“The Procuring Entity” means The Kenya Power and Lighting Company Limited or its successor(s) and assign(s) where the context so admits (hereinafter abbreviated as KPLC).*
- h) *“The Tenderer” means the person(s) submitting its Tender for the performance of Works in response to the Invitation to Tender. This may include a business name, joint venture, private or public company, government owned institution or any combination of one or more of them.*
- i) *Where there are two or more persons included in the expression the “Tenderer”, any act or default or omission by the Tenderer shall be deemed to be an act, default or omission by any one or more of such persons.*
- j) *Words importing the masculine gender only, include the feminine gender or (as the case may be) the neutral gender.*
- k) *Words importing the singular number only include the plural number and vice-versa and where there are two or more persons included in the expression the “Tenderer” the covenants, agreements and obligations expressed to be made or performed by the Tenderer shall be deemed to be made or performed by such persons jointly and severally.*
- l) *“Works” means the construction, repair, renovation or demolition of buildings, roads or other structures and includes the installation of equipment and materials, site preparation and other incidental services.*
- m) *KPLC’s “authorised person” shall mean its MD & CEO who is designated by the PPAD Act 2015 to exercise such power, authority or discretion as is*

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required under the tender and any contract arising therefrom, or such other KPLC staff delegated with such authority.

- n) *Citizen contractors-means a person/firm wholly owned and controlled by person(s) who are citizens of Kenya.*
- o) *Local contractors- a firm shall be qualified as a local contractor if it is registered in Kenya.*

3.2 Eligible Tenderers

- 3.2.1 This Invitation to Tender is open to all Tenderers eligible as described in the Bid Data Sheet. Successful Tenderers shall perform the Works in accordance with this tender and the ensuing contract.
- 3.2.2 The classification of eligibility shall be in accordance with that maintained by Kenya's National Construction Authority or its successor responsible for the classification of contractors.
- 3.2.3 Government or government owned institutions in Kenya may participate only if they are legally and financially autonomous, if they operate under commercial law, are registered by the relevant registration board or authorities and if they are not a dependant agency of the Government.
- 3.2.4 Local Tenderers i.e. Kenyan registered companies whose operations are based in Kenya shall satisfy all relevant licensing and/or registration with the appropriate statutory bodies in Kenya such as the National Construction Authority or the Energy Regulatory Commission.
- 3.2.5 Tenderers shall provide such evidence of their continued eligibility satisfactory to KPLC as KPLC may reasonably request.
- 3.2.6 Tenderers (including all members of a joint venture and subcontractors) shall provide a statement that they are not associated, or have not been associated in the past, directly or indirectly, with the Consultant or any other entity that has prepared the design, specifications, and other documents for this project or being proposed as Project Manager for this Contract. A firm that has been engaged by the Employer to provide consulting services for the preparation or supervision of the Works, and any of its affiliates, shall not be eligible to tender.
- 3.2.7 In addition a tenderer is eligible to bid for this contract only if the tenderer satisfies the following criteria—
 - (a) the tenderer has the legal capacity to enter into a contract for procurement or asset disposal;
 - (b) the tenderer is not insolvent, in receivership, bankrupt or in the process of being wound up;
 - (c) the tenderer, if a member of a regulated profession, has satisfied all the professional requirements;
 - (d) the tenderer and his or her sub-contractor, if any, is not debarred;
 - (e) the tenderer has fulfilled tax obligations;
 - (f) the tenderer has not been convicted of corrupt or fraudulent practices;

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and
(g) is not guilty of any serious violation of fair employment laws and practices.

3.3 Ineligible Tenderers

- 3.3.1 Notwithstanding any other provisions of this tender, the following are not eligible to participate in the tender:-
- a) KPLC's employees, its Board or any of its committee members.
 - b) Any Public/State Officer of the Government of the Republic of Kenya (GoK).
 - c) Any member of a Board or Committee or any department of GoK.
 - d) Any person appointed to any position by the President of Kenya.
 - e) Any person appointed to any position by any Cabinet Secretary of GoK.
 - f) Any tenderer submitting false, inaccurate or incomplete information about their qualifications.
- 3.3.2 In addition the tenderer shall be considered ineligible to bid, where in case of a corporation, private company, partnership or other body, the tenderer, their spouse, child or sub-contractor has substantial or controlling interest and is found to be in contravention of the provisions of section 3.2.7 above.
- 3.3.3 Despite the provisions of section 3.3.1 and 3.3.2, a tenderer having a substantial or controlling interest shall be eligible to bid where—
- (a) such tenderer has declared any conflict of interest; and
 - (b) performance and price competition for that good, work or service is not available or can only be sourced from that tenderer.
- 3.3.4 For the purposes of this paragraph, any relative i.e. spouse(s) and child(ren) of any person mentioned in sub-paragraph 3.3.1 is also ineligible to participate in the tender. In addition, a Cabinet Secretary shall include the President, Deputy President or the Attorney General of GoK.
- ### **3.4 Declarations of Eligibility**
- 3.4.1 Tenderers shall not be under declarations of ineligibility for corrupt, fraudulent practices and are not amongst persons mentioned in sub-paragraphs 3.3.1 and 3.3.2 above.
- 3.4.2 Tenderers who are not under these declarations shall complete the Declaration Form strictly in the form and content as prescribed at Section XI(v).
- 3.4.3 Those that are under the Declaration for corrupt and fraudulent practices whether currently or in the past shall not complete the Form. They will submit a suitable Form giving details, the nature and present status of their circumstances.

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3.5 Joint Venture

3.5.1 Tenders submitted by a joint venture (JV) of two or more firms (consortium), as partners shall comply with the following requirements: -

- a) The Tender Form and in case of a successful tender, the Contract Agreement Form, shall be signed so as to be legally binding on all partners of the joint venture.
- b) One of the partners shall be nominated and authorized as being lead contractor. The authorization shall be evidenced by submitting a Power of Attorney signed by legally authorized signatories of all the partners/directors.
- c) The Power of Attorney which shall accompany the tender, shall be granted by the authorized signatories of all the partners as follows:-
 - (i.) for local and citizen contractors, before a Commissioner of Oaths or a Notary Public or Magistrate of the Kenyan Judiciary.
 - (ii.) for a foreign bidder, before a Notary Public, or the equivalent of a Notary Public, and in this regard the bidder shall provide satisfactory proof of such equivalence.
- d) The lead contractor shall be authorized to incur liability and receive instructions for and on behalf of any and all the partners of the joint venture and the entire execution of the contract including payment shall be done exclusively with the lead contractor.

3.5.2 All partners of the joint venture shall be liable jointly and severally for the execution of the contract in accordance with the contract terms, and a relevant statement to this effect shall be included in the authorization mentioned in paragraph 3.5.1 (b) above as well as in the Form of Tender and the Contract Agreement Form (in case of the accepted tender).

3.5.3 The JV must be in either of the following forms –

- a) A registered JV agreement. The registration may either be :-
 - (i.) At the Ministry of Transport, Infrastructure, Housing and Urban Development or,
 - (ii.) At the Office of the Attorney General, or
- b) A Letter of Intent to enter into a joint venture including a draft JV Agreement indicating at least the part of the Works to be executed by the respective partners.
 - a) The JV agreement should be signed by at least two directors from each company or firm that is a party to the JV
 - b) The JV agreement must be under the company or firm seal
 - c) The Letter of Intent should be signed by at least one director from each company or firm that is a party to the intended joint venture

3.5.4 A copy of the agreement entered into, or Letter of Intent by the joint venture partners shall be submitted with the tender.

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3.6 Time for Completion of Works

The successful Tenderer will be expected to complete the Works by the required completion period as specified in the BDS.

3.7 Source of Funding

KPLC has set aside funds during the present financial year. It is intended that part of the proceeds of funds will be applied to cover the eligible payments under the ensuing contract for these Works.

3.8 Conflict of Interest

3.8.1 A Tenderer (*including all members of a joint venture and subcontractors*) shall not have a conflict of interest. A Tenderer found to have a conflict of interest shall be disqualified. A Tenderer may be considered to have a conflict of interest with one or more parties in this tendering process if they:-

- a) are associated or have been associated in the past directly or indirectly with employees or agents of KPLC or a member of the Board or committee of KPLC
- b) are associated or have been associated in the past directly or indirectly with a firm or company or any of their affiliates which have been engaged by KPLC to provide consulting services for the preparation of the design, specifications, and other documents to be used for the execution, completion and maintenance of the Works under this Invitation to Tender
- c) have controlling shareholders in common with (b) above
- d) receive or have received any direct or indirect subsidy from any of them
- e) have a relationship with each other, either directly or through common third parties, that puts them in a position to have access to information about, or influence on the tender of another Tenderer, or influence the decisions of KPLC regarding this tendering process
- f) submit more than one Tender in this tendering process.

3.8.2 A Tenderer will be considered to have a conflict of interest if they participated as a consultant in the preparation of the design or technical specification of the Works and related services that are the subject of this Tender.

3.9 One Tender per Tenderer

3.9.1 A firm or company shall submit only one Tender in the same tendering process, either individually or as a partner in a joint venture.

3.9.2 No firm or company can be a sub-contractor while submitting a Tender individually or as a partner in a joint venture in the same tendering process.

3.9.3 A company or firm, if acting in the capacity of sub-contractor in any Tender may participate in more than one Tender but only in that capacity.

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- 3.9.4 A Tenderer who submits or participates in more than one tender (*other than as a sub-contractor or in cases of alternatives that have been permitted or requested*) will cause all tenders in which the Tenderer has participated to be disqualified.

3.10 Site Visit and Pre-Bid Meeting

- 3.10.1 The Tenderer, at the Tenderer's own responsibility and risk is advised to visit and examine the site of Works and its surrounding and obtain all information that may be necessary for preparing the tender and entering into a contract for the Works. The cost of visiting the site shall be at the Tenderer's own expense.
- 3.10.2 KPLC may conduct a site visit and pre-bid meeting. The purpose of the pre-bid meeting shall be to clarify issues and answer any questions that may be raised at that stage.
- 3.10.3 The Tenderer's designated representative is invited to attend a site visit and pre-bid meeting which if convened will take place at the venue and time stipulated in the BDS.
- 3.10.4 The Tenderer is requested as far as possible to submit any questions in writing or by electronic means to reach the Project Manager before the pre-bid meeting.
- 3.10.5 Minutes of the pre-bid meeting including the text of the questions raised and the responses given together with any response prepared after the pre-bid meeting will be transmitted within the time stated in the BDS to all purchasers of the Tender Document.
- 3.10.6 Non-attendance during the site visit or the pre-bid meeting will not be a cause of disqualification of the Tender unless specified to the contrary in the BDS.

3.11 Cost of Tendering

- 3.11.1 The Tenderer shall bear all costs associated with the preparation and submission of its Tender. KPLC will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.

3.12 Contents of the Tender Document

- 3.12.1 The Tender Document comprises the documents listed below and Addendum (where applicable) issued in accordance with paragraph 3.14 of these Instructions to Tenderers: -

- a) *Invitation to Tender*
- b) *Tender Submission Checklist*
- c) *Instructions to Tenderers*
- d) *Bid Data Sheet*
- e) *Conditions of Contract*
- f) *Special Conditions of Contract*
- g) *Specifications*
- h) *Drawings*

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- i) *Bill of Quantities*
- j) *Summary of Evaluation Process*
- k) *Tender Form*
- l) *Confidential Business Questionnaire Form*
- m) *Tender Security Forms*
- n) *Declaration Form*
- o) *Contract Form Agreement*
- p) *Performance Security Forms*
- q) *Evaluation Criteria*
- r) *Proposed Work Program (Work method & schedule)*

3.12.2 The Tenderer is expected to examine all instructions, forms, provisions, terms and specifications in the Tender Document. Failure to furnish all information required by the Tender Document or to submit a tender not substantially responsive to the Tender Document in every respect will be at the Tenderer's risk and may result in the rejection of its Tender.

3.12.3 All recipients of the documents for the proposed Contract for the purpose of submitting a tender (whether they submit a tender or not) shall treat the details of the documents as "Private and Confidential".

3.13 Clarification of Documents

A prospective Tenderer requiring any clarification of the Tender Document may notify the General Manager Supply Chain in writing and ensure receipt is acknowledged at KPLC's Physical address indicated on the Tender Document. KPLC will respond in writing to any request for clarification of the Tender documents, which it receives not later than seven (7) days prior to the deadline for the submission of Tenders, prescribed by KPLC. Written copies of KPLC's response (*including an explanation of the query but without identifying the source of inquiry*) will be published and accessible to all prospective Tenderers on the KPLC's tendering portal.

3.14 Amendment of Documents

3.14.1 At any time prior to the deadline for submission of Tenders, KPLC, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Tenderer, may modify the tender documents by amendment.

3.14.2 All prospective Tenderers that have registered in the portal for the Tender will be notified of the amendment(s) (*hereinafter referred to or otherwise known as addendum*) in writing and will be binding on them.

3.14.3 In order to allow prospective Tenderers reasonable time in which to take the amendment into account in preparing their Tenders, KPLC, at its discretion, may extend the deadline for the submission of Tenders.

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3.15 Language of Tender

The Tender prepared by the Tenderer, as well as all correspondence and documents relating to the tender, exchanged between the Tenderer and KPLC, shall be written in English language, provided that any printed literature furnished by the Tenderer may be written in another language provided that they are accompanied by an accurate English translation of the relevant passages in which case, for purposes of interpretation of the Tender, the English translation shall govern. The English translation shall be on the Tenderer's letterhead and shall be signed by the duly authorized signatory signing the Tender and stamped with the Tenderer's stamp.

3.16 Documents Comprising the Tender

The Tender prepared and submitted by the Tenderers shall include but not be limited to all the following components: -

- a) *Declaration Form, Tender Form and Priced Bill of Quantities (BQ) duly completed*
- b) *Documentary evidence that the Works and any ancillary services thereto to be performed by the Tenderer conform to the tender documents*
- c) *Technical Proposal in sufficient detail to demonstrate the adequacy of the Tenderer's proposal to meet the Works requirements and the completion time. Those details should include the following:-*
 - (i.) *a statement of work methods and schedule i.e. Methodology*
 - (ii.) *major items of equipment proposed to carry out the Contract*
 - (iii) *an undertaking that the items in c (ii) will be available for the execution of the Contract.*
- d) *Tender Security furnished in accordance with the Tender requirements*
- e) *Power of Attorney authorizing the signatory of the Tender to commit the Tenderer in accordance with the Tender requirements.*
- f) *A detailed list of previous clients as prescribed in the BDS for similar Works on tender and their contact addresses including e-mail shall be submitted with the Tender for the purpose of reference, or for evaluation*
- g) *Statement of Deviations, if any, from the tender requirements on a separate sheet of paper clearly indicating –*
 - (i.) *the specific tender document requirement*
 - (ii.) *the deviation proposed by the Tenderer*
 - (iii.) *the technical specifications of the deviation*
 - (iv.) *the design, if any, of the deviation*
 - (v.) *justification or reason for the deviation*
 - (vi.) *the Tenderer's cost of that deviation and the Tenderer's estimate of the cost of complying with KPLC's requirement without the deviation.*
- h) *In case of a tender submitted by a joint venture, either of the following –*
 - (i.) *the registered joint venture agreement, or,*

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- (ii.) *a Letter of Intent to enter into a joint venture including a draft JV agreement indicating at least the part of the Works to be executed by the respective partners.*
- j) *Any information or other materials required to be completed and submitted by Tenderers as specified in the Tender Document*

3.17 Tender Form

The Tenderer shall complete and sign the Tender Form and all other documents furnished in the Tender Document, indicating the Works to be performed, a brief description of the Works, quantities, and prices amongst other information required.

3.18 Tender Rates and Prices

- 3.18.1 The Tenderer shall indicate on the appropriate BQs, the unit rates and prices (where applicable) and total tender price of the Works it proposes to perform under the contract.
- 3.18.2 The Tenderer shall fill in rates and prices for all items of the Works described in the BQs. Items for which no rates or price is entered by the Tenderer will not be paid for by KPLC when executed and shall be deemed covered by other rates and prices in the BQs.
- 3.18.3 Prices and rates indicated on the BQs shall be of all costs for the Works including insurances, duties, Value Added Tax (V.A.T) and other taxes payable. No other basis shall be accepted for evaluation, award or otherwise.
- 3.18.4 BQ rates and prices to be submitted (quoted) by the Tenderer shall remain fixed for the contract duration.
- 3.18.5 Section 20 of the Insurance Act Cap 487 requires all imports to the country to be insured with a local insurance company. It is now mandatory for all marine cargo imports to adhere to this requirement.

3.19 Tender Currencies

- 3.19.1 For Works that the Tenderer will provide from within or outside Kenya, the prices shall be quoted in Kenya Shillings, or in another freely convertible currency in Kenya. The currency quoted must be indicated clearly on the Price Schedule of Services.
- 3.19.2 The exchange rate to be used for currency conversion shall be the Central Bank of Kenya selling rate prevailing on the Tender closing date. *(Please visit the Central Bank of Kenya website).*

3.20 Tenderer's Eligibility and Qualifications

- 3.20.1 Pursuant to paragraph 3.16, the Tenderer shall furnish, as part of its Tender, documents establishing the Tenderer's eligibility to tender and its qualifications to execute, complete and maintain the Works in the contract if its Tender is accepted.

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3.20.2 The documentary evidence of the Tenderer's qualifications to perform the contract if its Tender is accepted shall be established to KPLC's satisfaction –

- a) *that the Tenderer has the financial capability necessary to perform the contract. The Tenderer shall be required to provide -*
 - (i.) *Audited Financial Statements (Audited Accounts) that are reported within eighteen (18) calendar months of the date of the tender document. The Statements must be stamped and signed. The Auditors must be currently registered by ICPAK.*
 - (ii.) *For companies or firms that are registered or incorporated within the last one calendar year of the Date of the Tender Document, they should submit certified copies of bank statements covering a period of at least six (6) months prior to the Date of the Tender Document. The copies should be certified by the Bank issuing the statements. The certification should be original.*
 - (iii.) *A valid and current Tax Compliance Certificate (TCC) issued by KRA. The Tenderer is strongly advised to confirm the authenticity of the TCC with KRA's Compliance Department to avoid rejection of its Tender.*
 - (iv.) *evidence of adequacy of working capital for this Contract eg. access to line(s) of credit and availability of other financial resources*
- b) *that the Tenderer has the technical and management capability necessary to perform the contract. These are as per the Qualification Information Form which includes :-*
 - (i.) *documents showing certifications, qualifications and experience of key site management and technical personnel proposed for the Contract.*
 - (ii.) *employment records including contracts of employment for all key personnel and their certifications*
 - (iii.) *The Tenderer's undertaking that the key site management and technical personnel will be available for the contract*
 - (iv.) *List and evidence of ownership/lease of contractor's equipment proposed for carrying out the Works*
- c) *that the Tenderer is duly classified and currently registered by the NCA as capable of performing the Works under the contract. The Tenderer will furnish KPLC with a copy of the registration certificate and copy of renewal receipt. KPLC reserves the right to subject the certificate and receipt to authentication.*
- d) *information regarding any litigation or arbitration current or during the last five (5) years, in which the Tenderer is involved, the parties concerned and disputed amount; and*

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- e) *detailed proposals for subcontracting components of the Works amounting to more than twenty percent (20%) of the Contract Price.*
- f) *tenderers confirmation that at least forty percent of their supplies is sourced from citizen contractors.*

3.20.3 Tenderers with a record of unsatisfactory or default in performance obligations in any contract shall not be considered for evaluation or award. For the avoidance of doubt, this shall include any Tenderer with unresolved case(s) in its obligations for more than two (2) months in any contract.

3.21 Conformity of Works to Tender Documents

3.21.1 The Tenderer shall furnish, as part of its tender, documents establishing the conformity to the Tender Document of all the Works that the Tenderer proposes to perform under the contract.

3.21.2 The documentary evidence of conformity of the Works to the Tender Document may be in the form of literature, drawings, and data, and shall (where applicable) consist of: -

- a) *a detailed description of the essential technical and performance characteristics of the Works whether in catalogues, drawings or otherwise,*
- b) *a list giving full particulars, including available source and current prices of spare parts, special tools and other incidental apparatus necessary for the proper and continuing performance of the Works for a minimum period of six (6) months following usage of the Works after the official handing over to KPLC, and,*
- c) *duly completed BQs' in compliance with KPLC's BQs' requirements or, a Statement of Deviations and exceptions to the provisions of KPLC's BQs'.*

3.21.3 For purposes of the documentary and other evidence to be furnished pursuant to subparagraphs 3.21.1, 3.21.2 and paragraph 3.22, the Tenderer shall note that standards for workmanship, material, and equipment, designated by KPLC in its BQs' are intended to be descriptive only and not restrictive. The Tenderer may adopt higher standards in its Tender, provided that it demonstrates to KPLC's satisfaction that the substitutions ensure substantial equivalence to those designated in the BQs'.

3.22 Demonstration(s), Inspection(s) and Test(s)

3.22.1 Where required, all Tenderers shall demonstrate ability of performance of the required Works in conformity with the Bills of Quantities and Specifications.

3.22.2 KPLC or its representative(s) shall have the right to inspect/ test the Tenderer's capacity, equipment, premises, and to confirm their conformity to the tender requirements. This shall include the quality management system. KPLC's representative(s) retained for these purposes shall provide appropriate identification at the time of such inspection/ test.

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- 3.22.3 KPLC shall meet its own costs of the inspection/ test. Where conducted on the premises of the Tenderer(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to KPLC.
- 3.22.4 Demonstration, Inspection/ Test Report(s) shall be completed upon conclusion of the inspection/ tests. This Report will be considered at time of evaluation and or award.

3.23 Warranty

- 3.23.1 Where required in the Tender, all Tenderers must also provide a Warranty that warrants that any part of the Works that comprises any equipment, the equipment to be provided under the contract are new, unused and or are of the most recent or current specification and incorporate all recent improvements in design and materials unless provided otherwise in the Tender. The Tenderer further warrants that any materials/ equipment to be provided under this contract shall have no defect arising from manufacture, materials or workmanship or from any act or omission of the Tenderer that may develop under normal use of the materials/ equipment provided under the conditions obtaining in Kenya.
- 3.23.2 The Warranty will remain valid for a minimum of six (6) months after the equipment, materials, workmanship or any part thereof as the case may be, have been used or provided or performed as indicated in the contract.

3.24 Tender Security

- 3.24.1 The Tenderer shall furnish, as part of its Tender, a tender security for the amount specified in the BDS. The Original Tender Security, in a clearly labelled envelop, shall be deposited in the Tender Security Box in Stima Plaza Supply Chain 3rd Floor on or before the opening date and time and receipt acknowledged by KPLC evidenced by a stamped copy.
- 3.24.2 The tender security shall be either one or a combination of the following:-
- a) an original Bank Guarantee that is strictly in the form and content as prescribed in the Tender Security Form (Bank Guarantee) in the Tender Document.
 - b) For local bidders, Standby Letters of Credit (LC). All costs, expenses and charges levied by all banks party to the LC shall be prepaid/borne by the Tenderer. The LC must contain all the mandatory conditions of payment to KPLC as prescribed in the Tender Security (Letters of Credit) provided in the Tender Document.
 - c) For foreign bidders, Standby Letters of Credit (LC) confirmed by a bank in Kenya. All costs, expenses and charges levied by all banks party to the LC including confirmation charges shall be prepaid/borne by the Tenderer. The LC must contain all the mandatory conditions of payment to KPLC as

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prescribed in the Tender Security (Letters of Credit) provided in the Tender Document.

- d) An original Guarantee by a deposit taking Microfinance Institution, Sacco Society, Youth Enterprise Development Fund or the Women Enterprise Fund, that is strictly in the form and content as prescribed in the Tender Security Form

- 3.24.3 The Tender Security is required to protect KPLC against the risk of the Tenderer's conduct which would warrant the security's forfeiture pursuant to paragraph 3.24.10.
- 3.24.4 The Tender Security shall be denominated in Kenya Shillings or in another freely convertible currency, and shall be issued by a commercial bank licensed by the Central Bank of Kenya. The bank must be located in Kenya.
- 3.24.5 The Tender Security shall be valid for thirty (30) days beyond the validity of the tender.
- 3.24.6 KPLC shall seek authentication of the Tender Security from the issuing bank. It is the responsibility of the Tenderer to sensitize its issuing bank on the need to respond directly and expeditiously to queries from KPLC. The period for response shall not exceed five (5) days from the date of KPLC's query. Should there be no conclusive response by the bank within this period, such Tenderer's Tender Security may be deemed as invalid and the bid rejected.
- 3.24.7 Any Tender not secured in accordance with this paragraph will be rejected by KPLC as non-responsive, pursuant to paragraph 3.35.
- 3.24.8 The unsuccessful Tenderer's Tender Security will be released as promptly as possible, in any of the following circumstances: -
- a) *the procurement proceedings are terminated*
 - b) *KPLC determines that none of the submitted Tenders is responsive*
 - c) *a contract for the procurement is entered into*
 - d) *the Tenderer does not qualify for Financial Evaluation in accordance with paragraph 3.37.*
- 3.24.9 The successful Tenderer's Tender Security will be released upon the successful Tenderer's signing the contract, pursuant to paragraph 3.47 and furnishing an authentic Performance Security, pursuant to paragraph 3.48.
- 3.24.10 The Tender Security shall be forfeited –
- a) *if the Tenderer withdraws its Tender after the deadline for submitting Tenders but before the expiry of the period during which the Tenders must remain valid*
 - b) *if the Tenderer fails to enter into a written contract in accordance with paragraph 3.47*
 - c) *if the successful Tenderer fails to furnish the performance security in accordance with paragraph 3.48*

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d) if the Tenderer fails to extend the validity of the tender security where KPLC has extended the tender validity period in accordance with paragraph 3.25.

3.24.11 In cases of a JV bid, without prejudice to the provisions relating to a JV, the Tender Security may be in the name of any or all parties to the JV and the above provisions on Tender Security shall apply.

3.25 Validity of Tenders

3.25.1 Tenders shall remain valid for one hundred and twenty (120) days after the date of tender opening as specified in the Invitation to Tender or as otherwise may be prescribed by KPLC, pursuant to paragraph 3.30. A Tender that is valid for a shorter period shall be rejected by KPLC as non-responsive.

3.25.2 In exceptional circumstances, KPLC may extend the Tender validity period. The extension shall be made in writing. The tender security provided under paragraph 3.24 shall also be extended. A Tenderer shall not be required nor permitted to modify its tender during the extended period.

3.26 Alternative Offers

Only main offers shall be considered, as alternative offers are not acceptable.

3.27 Preparation and Signing of the Tender

3.27.1 The Original and all copies of the Tender shall be typed or written in indelible ink. They shall be signed by the Tenderer or a person or persons duly authorized to bind the Tenderer to the contract.

3.27.2 The authorization shall be indicated by a written Power of Attorney granted by the Tenderer to the authorized person before any of the following persons:-

a) For local Tenderers, a Commissioner of Oaths or a Notary Public or a Magistrate of the Kenyan Judiciary.

b) For foreign Tenderers, a Notary Public in the country of the Tenderer.

In either case above, the Power of Attorney shall accompany the Tender.

3.27.3 All pages of the Tender, including un-amended printed literature, shall be initialled by the person or persons signing the Tender and serially numbered.

3.27.4 The Tender shall have no interlineations, erasures, or overwriting except as necessary to correct errors made by the Tenderer, in which case such corrections shall be initialled by the person or persons signing the Tender.

3.27.5 KPLC will assume no responsibility whatsoever for the Tenderer's failure to comply with or observe the entire contents of this paragraph.

3.27.6 Any Tender not prepared and signed in accordance with this paragraph may be rejected by KPLC as non-responsive, pursuant to paragraph 3.27

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3.28 Deadline for Submission of Tenders

- 3.28.1 Tenders must be received by KPLC by the date and time specified in KPLC's tendering portal in PDF form.
- 3.28.2 KPLC may, at its discretion, extend this deadline for submission of Tenders by amending the tender documents in accordance with paragraph 3.14, in which case all rights and obligations of KPLC and the Tenderer previously subject to the initial deadline, will therefore be subject to the deadline as extended.

3.29 Modification and Withdrawal of Tenders

- 3.29.1 The Tenderer may modify or withdraw its Tender after it has submitted, provided that the modification, including substitution or withdrawal of the Tender is received by KPLC prior to the deadline prescribed for submission of tenders.
- 3.29.2 No Tender may be modified after the deadline for submission of Tenders.
- 3.29.3 No Tender may be withdrawn in the interval between the deadline for submission of tenders and the expiration of the period during which the Tender must remain valid except where KPLC extends the initial validity period. Any withdrawal of a Tender during this interval shall result in forfeiture of the Tenderer's Tender Security except where KPLC extends the initial validity period.

3.30 Opening of Tenders

- 3.30.1 KPLC shall open all Tenders promptly at the date and time specified in the KPLC tendering portal and at the location specified in the Invitation to Tender or as may otherwise be indicated.
- 3.30.2 The Tenderer's names, tender modifications or withdrawals, the presence or absence of requisite Tender Security and such other details as KPLC, at its discretion, may consider appropriate, will be announced at the opening.
- 3.30.3 At the Tender opening, tender prices, discounts, and such other details as KPLC, at its discretion, may consider appropriate will be read out.
- 3.30.4 The Tenderers or their representatives may attend the opening and those present shall sign a register evidencing their attendance.

3.31 Process to be Confidential

- 3.31.1 After the first opening of tenders, information relating to the examination, clarification, evaluation and comparisons of tenders and recommendations arising there-from shall not be disclosed to a Tenderer or other person(s) not officially concerned with such process until conclusion of that process.
- 3.31.2 Conclusion of that process shall be deemed to have occurred, at the latest, by the date and time KPLC notifies the successful bidder(s). In any event, official disclosure by KPLC of any information upon conclusion of that process may only be to the unsuccessful bidders and may contain only the information permissible by law in summary form.

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- 3.31.3 Any effort by a Tenderer to influence KPLC or any of its staff members in the process of examination, evaluation and comparison of tenders and information or decisions concerning the Tender may result in the disqualification of the Tenderer.

3.32 Clarification of Tenders and Contacting KPLC

- 3.32.1 To assist in the examination, evaluation and comparison of Tenders KPLC may, at its discretion, ask the Tenderer for a clarification of its Tender. The request for clarification and the response shall be in writing, and no change in the rates and prices or substance of the Tender shall be sought, offered, or permitted.
- 3.32.2 The Tenderer is required to provide timely clarification or substantiation of the information that is essential for effective evaluation of its qualifications. It is the responsibility of the Tenderer to provide in writing the clarification or substantiation which should reach KPLC within five (5) days from the date of KPLC's query. Such writing may include by electronic mail, facsimile or postal mail. Should there be no conclusive response within this period, it shall result in the Tenderer's disqualification.
- 3.32.3 Save as is provided in this paragraph and paragraph 3.31 above, no Tenderer shall contact KPLC on any matter related to its Tender, from the time of the tender openings to the time the contract is awarded.
- 3.32.4 Any effort by a Tenderer to influence KPLC in its decisions on tender evaluation, tender comparison, tender recommendation(s) or contract award may result in the rejection of the Tenderer's Tender.

3.33 Preliminary Evaluation and Responsiveness

- 3.33.1 Prior to the detailed Technical and Financial evaluation, KPLC will determine the substantial responsiveness of each Tender. For purposes of this tender, a substantially responsive Tender is one that conforms to the requirements of Preliminary Evaluation. KPLC's determination of a Tender's responsiveness is to be based on the contents of the Tender itself without recourse to extrinsic evidence.
- 3.33.2 KPLC will examine the Tenders to determine whether they conform to the Preliminary Evaluation Criteria set out in Section X Summary of Evaluation Process (*Evaluation Criteria*).
- 3.33.3 Notwithstanding the contents of the foregoing sub-paragraphs, if a Tender is not substantially responsive, it will be rejected at the earliest stage of evaluation by KPLC and cannot subsequently be made responsive by the Tenderer by correction of any non-conformity.

3.34 Minor Deviations, Errors or Oversights

- 3.34.1 KPLC may waive any minor deviation in a Tender that does not materially depart from the requirements of the Works set out in the Tender Document.

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- 3.34.2 Such minor deviation -
 3.34.2.1 shall be quantified to the extent possible
 3.34.2.2 shall be taken into account in the evaluation process, and,
 3.34.2.3 shall be applied uniformly and consistently to all qualified Tenders duly received by KPLC.
- 3.34.3 KPLC may waive errors and oversights that can be corrected without affecting the substance of the Tender.
- 3.34.4 A material deviation or reservation is one –
- a) which affects in any substantial way the scope, quality, or performance of the works;
 - b) which limits in any substantial way, inconsistent with the tendering documents, KPLC's rights or the Tenderer's obligations under the Contract; or,
 - c) whose rectification would affect unfairly the competitive position of other Tenderers presenting responsive tenders.

3.35 Evaluation Criteria – Preliminary, Technical and Financial

- (a) The Tenders submitted will be evaluated in three stages; Preliminary, Technical and Financial. Tenderers will proceed to the Technical Stage only if they qualify in compliance with Preliminary Evaluation. Only technical bids that attain a minimum score of 75% will be eligible for financial evaluation as detailed in (c) below.

The evaluation criteria will be based on the following weights:

- a. Technical score weight - 70%
- b. Financial score weight - 30%

- (b) The criteria to be followed at the Technical Evaluation stage is contained in Evaluation Process, and Bidders are urged to follow the format outlined therein which is critical in determining the responsiveness of the bids.
- (c) To be eligible for the Financial Evaluation, bidders must score at least seventy (75) out of one hundred (100) at the Technical Evaluation stage. Each responsive tender will be given a technical score (St). A tender shall be rejected at this stage if it fails to achieve the minimum technical score.
- (d) The Evaluation Committee will determine whether the financial proposals are complete (i.e. whether the tenderer has costed all the items of the corresponding Technical Proposal and correct any computational errors). The cost of any unpriced items shall be assumed

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to be included in other costs in the proposal. In all cases, the total price of the Financial Proposal as submitted shall prevail.

- (e) The formulae for determining the Financial Score (Sf) shall, unless an alternative formulae is indicated in the Appendix “ITT”, be as follows:-

$S_f = 100 \times F_m / F$ where S_f is the financial score; F_m is the lowest priced financial proposal and F is the price of the proposal under consideration. Proposals will be ranked according to their combined technical (S_t) and financial (S_f) scores using the weights (T =the weight given to the Technical Proposal; P = the weight given to the Financial Proposal; $T + p = 1$) indicated in the Appendix. The combined technical and financial score, S , is calculated as follows: - $S = S_t \times T \% + S_f \times P \%$. The firm achieving the highest combined technical and financial score can be invited for negotiations.

- 1.1 If a tender is not substantially responsive, it will be rejected, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.
- 1.2 Tenders determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows:
- (a) where there is a discrepancy between the amount in figures and the amount in words, the amount in words will prevail; and
 - (b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will prevail, unless in the opinion of the Employer, there is an obvious typographical error, in which case the adjustment will be made to the entry containing that error.
 - (c) In the event of a discrepancy between the tender amount as stated in the Form of Tender and the corrected tender figure in the main summary of the Bill of Quantities, the amount as stated in the Form of Tender shall prevail.
 - (d) The Error Correction Factor shall be computed by expressing the difference between the tender amount and the corrected tender sum as a percentage of the corrected Builder’s Work (i.e. Corrected tender sum less P.C. and Provisional Sums)
 - (e) The Error Correction Factor shall be applied to all Builder’s Work (as a rebate or addition as the case may be) for the purposes of valuations for Interim Certificates and valuation of variations.
 - (f) the amount stated in the tender will be adjusted in accordance with the above procedure for the correction of errors and, with

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concurrence of the tenderer, shall be considered as binding upon the tenderer. If the tenderer does not accept the corrected amount, the tender may be rejected and the Tender Security may be forfeited in accordance with clause 3.11.

- 1.3 The Employer will evaluate and compare only the tenders determined to be substantially responsive in accordance with Clause 5.5.
- 1.4 In evaluating the tenders, the Employer will determine for each tender the evaluated tender price by adjusting the tender price as follows:
 - (a) making any correction for errors pursuant to clause 5.7;
 - (b) excluding provisional sums and the provision, if any, for contingencies in the Bill of Quantities, but including Dayworks where priced competitively.
 - (c) making an appropriate adjustment for any other acceptable variations, deviations, or alternative offers submitted in accordance with clause 3.12; and
 - (d) making appropriate adjustments to reflect discounts or other price modifications offered in accordance with clause 4.6
- 1.5 The Employer reserves the right to accept or reject any variation, deviation, or alternative offer. Variations, deviations, and alternative offers and other factors which are in excess of the requirements of the tender documents or otherwise result in unsolicited benefits for the Employer will not be taken into account in tender evaluation.
- 1.6 The tenderer shall not influence the Employer on any matter relating to his tender from the time of the tender opening to the time the Contract is awarded. Any effort by the Tenderer to influence the Employer or his employees in his decision on tender evaluation, tender comparison or Contract award may result in the rejection of the tender.
- 1.7 Firms incorporated in Kenya where indigenous Kenyans own 51% or more of the share capital shall be allowed a 20% preferential bias provided that they do not sub-contract work valued at more than 20% of the Contract Price excluding Provisional Sums to a non-indigenous sub-contractor.

3.36 Financial Evaluation

- 3.36.1 The financial evaluation and comparison shall be as set out in the Summary of Evaluation Process. The comparison shall be -

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- a) of the rates and prices including all costs as well as duties and taxes payable on all the materials to be used in the execution of the Works.
- b) deviations in Payment Schedule from that specified in the Special Conditions of Contract

3.36.2 Where other currencies are used, KPLC will convert those currencies to the same currency using the selling exchange rate prevailing on the date of tender closing provided by the Central Bank of Kenya.

3.37 Preferences

3.37.1 Subject to availability and realization of the applicable international or local standards, only such manufactured articles, materials or supplies wholly mined and produced in Kenya shall be subject to preferential procurement.

3.37.2 Despite the above provisions, preference shall be given to —

- (a) manufactured articles, materials and supplies partially mined or produced in Kenya or where applicable have been assembled in Kenya; or
- (b) firms where Kenyans are shareholders.

3.37.3 The threshold for the provision under 3.30.2 (b) shall be above fifty-one percent of Kenyan shareholders.

3.37.4 In the evaluation of tenders, exclusive preference shall be given to citizen contractors where the amount of the tender as evaluated is below KShs. 500 Million in respect of works.

3.37.5 For purposes of this paragraph the Tenderer shall submit with its Tender, the following documents:-

- a) a valid copy of certificate or letter of Confirmation of Ownership or Partnerships and Shareholding (CR12) issued and signed by the Registrar of Companies or Registrar of Business Names both of the Office of the Attorney General of Kenya.
- b) The certificate must not be more than three (3) months old from the Date of the Tender Document. KPLC reserves the right to subject the certificate to authentication.
- c) A copy of the Memorandum and Articles of Association of the company
- d) In JV, sub-contracting or other contractual arrangements, copies of the Memorandum and Articles of Association of each company in the JV, sub-contracting or other contractual arrangements.

3.38 Tender Evaluation Period

3.38.1 The tender evaluation committee may conduct and complete a preliminary, technical and financial evaluation of the tender within the validity period.

3.39 Debarment of a Tenderer

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A Tenderer who gives false information in the Tender about its qualification or who refuses to enter into a contract after notification of contract award shall be considered for debarment from participating in future public procurement.

3.40 Confirmation of Qualification for Award

- 3.40.1 KPLC may confirm to its satisfaction whether the Tenderer that is selected as having submitted the lowest evaluated responsive tender is qualified to perform the contract satisfactorily.
- 3.40.2 The confirmation will take into account the Tenderer's financial, technical, and performance capabilities. It will be based upon an examination of the documentary evidence of the Tenderer's qualifications submitted by the Tenderer, pursuant to paragraph 3.20 as well as confirmation of such other information as KPLC deems necessary and appropriate. This may include factory, office and other facilities inspection and audits.
- 3.40.3 An affirmative confirmation will be a prerequisite for award of the contract to the Tenderer. A negative confirmation will result in rejection of the Tenderer's Tender, in which event KPLC will proceed to the next lowest evaluated responsive tender to make a similar confirmation of that Tenderer's capabilities to perform satisfactorily.

3.41 Award of Contract

- 3.41.1 KPLC will award the contract to the successful Tenderer whose Tender has been determined to be substantially responsive, compliant with the evaluation criteria and has been determined to be the lowest evaluated tender, and further, where deemed necessary, that the Tenderer is confirmed to be qualified to perform the contract satisfactorily.

3.42 Termination of Procurement Proceedings

- 3.42.1 KPLC may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.
- 3.42.2 KPLC shall give prompt notice of the termination to the Tenderers, and, on request from any Tenderer, give its reasons for termination within fourteen (14) days of such request.

3.43 Notification of Award

- 3.43.1 Prior to the expiration of the period of tender validity, KPLC shall notify the successful Tenderer in writing that its Tender has been accepted.
- 3.43.2 The notification of award shall not constitute the formation of the contract until one is finally signed by both parties.
- 3.43.3 Simultaneously, and without prejudice to the contents of paragraph 3.32, on issuance of Notification of Award to the successful Tenderer, KPLC shall notify each unsuccessful Tenderer.

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3.43.4 A notification of the tender outcome does not reduce the validity period for any tender security whether the Tenderer is successful or not, except where such tender security is officially released to the Bank and/or the Tenderer and such Bank discharged of all its obligations by KPLC prior to the expiry of its stated validity period.

3.44 Clarifications with Lowest Evaluated Successful Tenderer

3.44.1 Clarifications may be undertaken with the lowest responsive evaluated Tenderer relating to any or all of the following areas:-

- a) A minor alteration to the technical details of the BQ's
- b) Reduction of quantities for budgetary reasons where the reduction is in excess of any provided for in the Tender Document
- c) A minor amendment to the Special Conditions of Contract.
- d) Finalising payment arrangements (*excluding any Advance Payment*)
- e) Mobilisation arrangements eg. operational details (*excluding any Advance Payment*)
- f) Agreeing final delivery or Work Plans to accommodate and changes required by KPLC.
- g) Methodology and Staffing
- h) Clarifying details that were not apparent or could not be finalized at the time of tendering

3.44.2 Clarifications shall not change the substance of the Tender.

3.45 Signing of Contract

3.45.1 At the same time as KPLC notifies the successful Tenderer that its Tender has been accepted, KPLC will send the Tenderer the Contract Agreement provided in the Tender Document together with any other necessary documents incorporating all agreements between the Parties.

3.45.2 Within fourteen (14) days of the date of notification of award, the successful Tenderer shall only sign the Contract Form and all the documents specified in that Form and return them to KPLC within that period of fourteen (14) days.

3.45.3 KPLC shall sign and date the Contract not earlier than fourteen (14) days from the date of notification of contract award. Further, KPLC shall not sign the contract until and unless the authentic performance security is received in accordance with paragraph 3.46.

3.45.4 Failure of the successful Tenderer to sign the Contract, the award shall be annulled and its tender security forfeited in which event KPLC shall notify the next lowest evaluated Tenderer that its Tender has been accepted.

3.45.5 Paragraph 3.43 together with the provisions of this paragraph 3.45 will apply with necessary modifications with respect to the Tenderer notified under sub-paragraph 3.45.4.

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3.46 Performance Security

3.46.1 Within fourteen (14) days of the date of notification of award from KPLC, the successful Tenderer shall furnish KPLC with a Performance Security which shall be either one or a combination of the following:

- a) an original Bank Guarantee that is strictly in the form and content as prescribed in the Performance Security Form (Bank Guarantee) in the Tender Document.
- b) For local bidders, Standby Letters of Credit (LC). All costs, expenses and charges levied by all banks party to the LC shall be prepaid/borne by the Tenderer. The LC must contain all the mandatory conditions of payment to KPLC as prescribed in the Tender Security (Letters of Credit) provided in the Tender Document.
- c) For foreign bidders, Standby Letters of Credit (LC) confirmed by a bank in Kenya. All costs, expenses and charges levied by all banks party to the LC including confirmation charges shall be prepaid/borne by the Tenderer. The LC must contain all the mandatory conditions of payment to KPLC as prescribed in the Tender Security (Letters of Credit) provided in the Tender Document.

3.46.2 The Performance Security shall be issued by a commercial bank licensed by the Central Bank of Kenya. The bank must be located in Kenya.

3.46.3 The successful Tenderer shall furnish a Performance Security being the sum of ten percent (10%) of the contract price.

3.46.4 KPLC shall seek authentication of the Performance Security from the issuing bank. It is the responsibility of the successful Tenderer to sensitize its issuing bank on the need to respond directly and expeditiously to queries from KPLC. The period for response shall not exceed five (5) days from the date of KPLC's query. Should there be no conclusive response by the Bank within this period, such successful Tenderer's Performance Security may be deemed as invalid.

3.46.5 Failure of the successful Tenderer to furnish an authentic Performance Security, the award shall be annulled and the Tender Security forfeited, in which event KPLC may notify the next lowest evaluated Tenderer that its Tender has been accepted.

3.46.6 Paragraph 3.43, 3.45 together with the provisions of this paragraph 3.46 will apply with necessary modifications, and as far as circumstances permit, with respect to the Tenderer notified under sub-paragraph 3.46.5.

3.47 Corrupt or Fraudulent Practices

3.47.1 KPLC requires that Tenderers observe the highest standard of ethics during the procurement process and execution of contracts. When used in the present Regulations, the following terms are defined as follows: -

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- a) *“Corrupt practice” means the offering, giving, receiving or soliciting of any thing of value to influence the action of public official in the procurement process or in contract execution;*
- b) *“Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of KPLC, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive KPLC of the benefits of free and open competition.*

3.47.2 KPLC will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.

3.47.3 Further, a Tenderer who is found to have indulged in corrupt or fraudulent practices risks being debarred from participating in public procurement in Kenya.

3.48 Supplier Performance Rating Scheme

3.48.1 KPLC shall use a Supplier Performance Rating Scheme (SPRS) to measure the annual performance of the Supplier’s obligations and its conduct of the contract.

3.48.2 The Scheme will be updated periodically commencing with the date of execution of the contract by both parties. KPLC shall provide the Supplier with a copy of the SPRS report.

3.48.3 KPLC shall consider the Supplier’s overall performance at the end of the performance period.

3.48.4 At the request of either party, the parties shall discuss and conclude deliberations on the annual SPRS report. At any such meetings and/or for the purposes of the deliberations, KPLC Supply Chain – Procurement Department shall appoint the Chairperson as well as the Secretariat.

3.48.5 The SPRS measures shall be according to Supplier Performance Rating Form in Section XXVI

3.48.6 A KP1, KP2 & KP3 assessment of the Supplier on the SPRS will be a consideration for continued engagement between the parties in the subsequent year. A KP4 assessment of the Supplier shall be a termination event.

SECTION IV - BID DATA SHEET (Appendix to Instructions To Tenderers)

The following information regarding the particulars of the tender shall complement and or amend the provisions of the Instructions to Tenderers *hereinafter abbreviated as ITT*. Wherever there is a conflict between the provisions of the ITT and the Bid Data Sheet, the provisions of the BDS shall prevail over those of the ITT.

No.	ITT Reference Clause	Particulars of Appendix
1.	3.2.1 Eligible Tenderers	<i>Eligible contractors are those who are registered with NCA5 and above.</i>
2.	3.6 Time for Completion of works	<i>The completion period is 20 Weeks after i. Contractor to provide Works Program.</i>
3.	3.10.3 a) Site Visit Meeting b) Pre – Bid Meeting	<i>There will be a mandatory site visit/pre- bid meeting to be held on Manderu and Lodwar Stations to be held on Tuesday, 11th June, 2019 at 10.00 am and Friday, 14th June, 2019 Respectively. <i>The site visit form must be signed by authorized KPLC staff.</i></i>
4.	3.16(f) – List of Previous Customers	<i>The Tenderer shall submit at least four (4) names with full contact including telephone, email and physical addresses of previous clients of similar Works and letters from the previous clients confirming satisfactory completion of the contracts and on schedule.</i>
5.	3.24.1 Tender Security	<i>The tenderer shall furnish, as part of its tender, a tender security for Kshs 1,000,000. Tender Security should be kept in an envelope clearly labeled with the tender number & name, shall be deposited in the Tender Security Box in Stima Plaza 3rd Floor and a copy to be stamped at Supply Chain Reception on or before the opening date.</i>
6.	3.43 Award of Contract	<i>Award is to the lowest evaluated bidder per Lot.</i>
7.	3.46 Performance Security	<i>Performance Security shall be 10% of the contract sum as an original Bank Guarantee that is strictly in the form and content as prescribed in the Performance Security Form (Bank Guarantee)</i>

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SECTION V - CONDITIONS OF CONTRACT

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1. Definitions

1.1 In this Contract, except where context otherwise requires, the following terms shall be interpreted as indicated;

“Bill of Quantities” means the priced and completed Bill of Quantities forming part of the tender.

“Compensation Events” are those defined in Clause 24 hereunder.

“The Completion Date” means the date of completion of the Works as certified by the Project Manager, in accordance with Clause 31.

“The Contract” means the agreement entered into between the Employer and the Contractor as recorded in the Agreement Form and signed by the parties including all attachments and appendices thereto and all documents incorporated by reference therein to execute, complete, and maintain the Works,

“The Contractor” refers to the person or corporate body whose tender to carry out the Works has been accepted by the Employer.

“The Contractor’s Tender” is the completed tendering document submitted by the Contractor to the Employer.

“The Contract Price” is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.

“Days” are calendar days; **“Months”** are calendar months.

“A Defect” is any part of the Works not completed in accordance with the Contract.

“The Defects Liability Certificate (DLC)” is the certificate issued by Project Manager upon correction of defects by the Contractor.

“The Defects Liability Period (DLP)” is the period named in the Contract Data and calculated from the Completion Date.

“Drawings” include objects/forms with dimensions, designs and other information provided or approved by the Project Manager for the execution of the Contract.

“Dayworks” are Work inputs subject to payment on a time basis for labour and the associated materials and plant.

“Employer”, or the **“Procuring entity”** as defined in the Public Procurement Regulations (i.e. Central or Local Government administration, Universities,

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Public Institutions and Corporations, etc) is the party who employs the Contractor to carry out the Works.

“Equipment” is the Contractor’s machinery and vehicles brought temporarily to the Site for the execution of the Works.

“The Intended Completion Date” is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date may be revised only by the Project Manager by issuing an extension of time or an acceleration order.

“J.B.C” is Joint Building Council of Kenya and its successors or assigns.

“Materials” are all supplies, including consumables, used by the Contractor for incorporation in the Works.

“Plant” is any integral part of the Works that shall have a mechanical, electrical, chemical, or biological function.

“Project Manager” is the person named in the Special Conditions of Contract (or any other competent person appointed by the Employer and notified to the Contractor, to act in replacement of the Project Manager) who is responsible for supervising the execution of the Works and administering the Contract and shall be an “Architect” or a “Quantity Surveyor” registered under the Architects and Quantity Surveyors Act Cap 525 or an “Engineer” registered under Engineers Registration Act Cap 530.

“Site” is the area defined as such in the Appendix to Condition of Contract.

“Site Investigation Reports” are those reports that may be included in the tendering documents which are factual and interpretative about the surface and subsurface conditions at the Site.

“Site possession date” This is the date the site is fully or partially handed over to the contractor.

“Specifications” means the Specifications of the Works included in the Contract and any modification or addition made or approved by the Project Manager.

“Start Date” is the latest date when the Contractor shall commence execution of the Works. It does not necessarily coincide with the Site possession date(s).

“A Subcontractor” is a person or corporate body who has a Contract with the Contractor to carry out a part of the Work in the Contract, which includes Work on the Site.

“Temporary works” are works designed, constructed, installed, and removed by the Contractor which are needed for construction or installation of the Works.

“A Variation” is an instruction given by the Project Manager which varies the Works.

“The Works” are what the Contract requires the Contractor to construct, install, and turnover to the Employer, as defined in the Special Conditions of Contract.

2. Interpretation

- 2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning in English Language unless specifically defined. The Project Manager will provide instructions clarifying queries about these Conditions of Contract.
- 2.2 If sectional completion is specified in the Special Conditions of Contract, reference in the Conditions of Contract to the Works, the Completion Date and the Intended Completion Date apply to any section of the Works (other than references to the Intended Completion Date for the whole of the Works).
- 2.3 The following documents shall constitute the Contract documents and shall be interpreted in the following order of priority;
- (1) Agreement,
 - (2) Letter of Acceptance,
 - (3) Contractor’s Tender,
 - (4) Special Conditions of Contract,
 - (5) Conditions of Contract,
 - (6) Specifications,
 - (7) Drawings,
 - (8) Bill of Quantities,
 - (9) Any other documents listed in the Special Conditions of Contract as forming part of the Contract.

Immediately after the execution of the Contract, the Project Manager shall furnish both the Employer and the Contractor with two copies each of all the Contract documents. Further, as and when necessary the Project Manager shall furnish the Contractor [always with a copy to the Employer] with three [3] copies of such further drawings or details or descriptive schedules as are reasonably necessary either to explain or amplify the Contract drawings or to enable the Contractor to carry out and complete the Works in accordance with these Conditions.

3. Language and Law

- 3.1 Language of the Contract and the law governing the Contract shall be English language and the Laws of Kenya respectively unless otherwise stated.

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4 Project Manager's Decisions

- 4.1 Except where otherwise specifically stated, the Project Manager will decide contractual matters between the Employer and the Contractor in the role representing the Employer.

5 Delegation

- 5.1 The Project Manager may delegate any of his duties and responsibilities to others after notifying the Contractor.

6 Communications

- 6.1 Communication between parties shall be effective only when in writing. A notice shall be effective only when it is delivered.

7 Subcontracting

- 7.1 The Contractor may subcontract with the approval of the Project Manager, but may not assign the Contract without the approval of the Employer in writing. Subcontracting shall not alter the Contractor's obligations.

8 Other Contractors

- 8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities etc. as listed in the Special Conditions of Contract and also with the Employer, as per the directions of the Project Manager. The Contractor shall also provide facilities and services for them. The Employer may modify the said List of Other Contractors etc., and shall notify the Contractor of any such modification.

9 Personnel

- 9.1 The Contractor shall employ the key personnel named in the Qualification Information, to carry out the functions stated in the said Information or other personnel approved by the Project Manager. The Project Manager will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are substantially equal to or better than those of the personnel listed in the Qualification Information. If the Project Manager asks the Contractor to remove a person who is a member of the Contractor's staff or work force, stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the Work in the Contract.

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10 Works

- 10.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings. The Works may commence on the Start Date and shall be carried out in accordance with the Program submitted by the Contractor, as updated with the approval of the Project Manager, and complete them by the Intended Completion Date.

11 Safety and Temporary Works

- 11.1 The Contractor shall be responsible for the design of temporary works. However before erecting the same, he shall submit his designs including specifications and drawings to the Project Manager and to any other relevant third parties for their approval. No erection of temporary works shall be done until such approvals are obtained.
- 11.2 The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary works and all drawings prepared by the Contractor for the execution of the temporary or permanent Works, shall be subject to prior approval by the Project Manager before they can be used.
- 11.3 The Contractor shall be responsible for the safety of all activities on the Site.

12. Discoveries

- 12.1 Anything of historical or other interest or of significant value unexpectedly discovered on Site shall be the property of the Employer. The Contractor shall notify the Project Manager of such discoveries and carry out the Project Manager's instructions for dealing with them.

13. Work Program

- 13.1 Within the time stated in the Special Conditions of Contract, the Contractor shall submit to the Project Manager for approval a program showing the general methods, arrangements, order, and timing for all the activities in the Works. An update of the program shall be a program showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining Work, including any changes to the sequence of the activities.

The Contractor shall submit to the Project Manager for approval an updated program at intervals no longer than the period stated in the Special Conditions of Contract. If the Contractor does not submit an updated program within this period, the Project Manager may withhold the amount stated in the said Appendix from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue program has been submitted. The Project Manager's approval of the program shall not alter the Contractor's obligations. The Contractor may revise the program and

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submit it to the Project Manager again at any time. A revised program shall show the effect of Variations and Compensation Events.

14. Possession of Site

- 14.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date stated in the Special Conditions of Contract, the Employer will be deemed to have delayed the start of the relevant activities, and this will be a Compensation Event.

15. Access to Site

- 15.1 The Contractor shall allow the Project Manager and any other person authorised by the Project Manager, access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out.

16. Instructions

- 16.1 The Contractor shall carry out all instructions of the Project Manager which are in accordance with the Contract.

17. Extension or Acceleration of Completion Date

- 17.1 The Project Manager shall extend the Intended Completion Date if a Compensation Event occurs or a variation is issued which makes it impossible for completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining Work, which would cause the Contractor to incur additional cost. The Project Manager shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Project Manager in writing for a decision upon the effect of a Compensation Event or variation and submitting full supporting information. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the delay caused by such failure shall not be considered in assessing the new (extended) Completion Date.

- 17.2 No bonus for early completion of the Works shall be paid to the Contractor by the Employer.

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18. Management Meetings

- 18.1 A Contract management meeting shall be held as per schedule and in any event not less than once a month and attended by the Project Manager and the Contractor. Its business shall be to review the plans for the remaining Work and to deal with matters raised in accordance with the early warning procedure. The Project Manager shall record the minutes of management meetings and provide copies of the same to those attending the meeting and the Employer. The responsibility of the parties for actions to be taken shall be decided by the Project Manager either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.

19. Early Warning

- 19.1 The Contractor shall warn the Project Manager at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work, increase the Contract Price or delay the execution of the Works. The Project Manager may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the Contract Price and Completion Date. The estimate shall be provided by the Contractor as soon as reasonably possible.
- 19.2 The Contractor shall cooperate with the Project Manager in making and considering proposals on how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the Work and in carrying out any resulting instructions of the Project Manager.

20. Defects

- 20.1 The Project Manager shall inspect the Contractor's work and notify the Contractor of any defects that are found. Such inspection shall not affect the Contractor's responsibilities. The Project Manager may instruct the Contractor to search for a defect and to uncover and test any Work that the Project Manager considers may have a defect. Should the defect be found, the cost of uncovering and making good shall be borne by the Contractor, However, if there is no defect found, the cost of uncovering and making good shall be treated as a variation and added to the Contract Price.
- 20.2 The Project Manager shall give notice to the Contractor of any defects before the end of the Defects Liability Period, which begins at Completion, and is defined in the Special Conditions of Contract. The Defects Liability Period shall be extended for as long as defects remain to be corrected.
- 20.3 Every time notice of a defect is given, the Contractor shall correct the notified defect within the length of time specified by the Project Manager's *For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Manderla stations*

notice. If the Contractor has not corrected a defect within the time specified in the Project Manager's notice, the Project Manager will assess the cost of having the defect corrected by other parties and such cost shall be treated as a variation and be deducted from the Contract Price.

21. Bills Of Quantities

- 21.1 The Bills of Quantities shall contain items for the construction, installation, testing and commissioning of the Work to be done by the Contractor. The Contractor will be paid for the quantity of the Work done at the rate in the Bills of Quantities for each item.
- 21.2 If the final quantity of the Work done differs from the quantity in the Bills of Quantities for the particular item by more than 20 percent and provided the change does not exceed 25 percent of the Initial Contract price, the Employer shall adjust the rate to allow for the change.
- 21.3 If requested by the Project Manager, the Contractor shall provide the Project Manager with a detailed cost breakdown of any rate in the Bills of Quantities.

22. Variations

- 22.1 All variations shall be included in updated programs produced by the Contractor.
- 22.2 The Contractor shall provide the Employer with a quotation for carrying out the variations when requested to do so. The Project Manager shall assess the quotation, which shall be given within seven days of the request or within any longer period as may be stated by the Project Manager and before the Variation is ordered.
- 22.3 If the work in the variation corresponds with an item description in the Bills of Quantities and if in the opinion of the Employer, the quantity of work is not above the limit stated in Clause 21.2 or the timing of its execution does not cause the cost per unit of quantity to change, the rate in the Bills of Quantities shall be used to calculate the value of the variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the variation does not correspond with items in the Bills of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of Work.
- 22.4 If the Contractor's quotation is unreasonable, the Employer may order the variation and make a change to the Contract price, which shall be based on the Project Manager's forecast of the effects of the variation on the Contractor's costs.

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- 22.5 If the Project Manager determines that the urgency of varying the Work would prevent a quotation being given and considered without delaying the Work, the Project Manager shall give the contractor the go ahead to proceed the works and quotation shall be given after and the variation shall be treated as a Compensation Event.
- 22.6 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.
- 22.7 When the Program is updated, the Contractor shall provide the Project Manager with an updated cash flow forecast.

23. Payment Certificates, Currency of Payments and Advance Payments

- 23.1 The Contractor shall submit to the Project Manager monthly applications for payment giving sufficient details of the Work done and materials on Site and the amounts which the Contractor considers himself to be entitled to. The Project Manager shall check the monthly application and certify the amount to be paid to the Contractor within 14 days. The value of Work executed and payable shall be determined by the Project Manager.
- 23.2 The value of Work executed shall comprise the value of the quantities of the items in the Bills of Quantities completed, materials delivered on Site, variations and compensation events. Such materials shall become the property of the Employer once the Employer has paid the Contractor for their value. Thereafter, they shall not be removed from Site without the Project Manager's instructions except for use upon the Works.
- 23.3 Payments shall be adjusted for deductions for retention. The Employer shall pay the Contractor the amounts certified by the Project Manager within 30 days of the date of issue of each certificate. The Employer shall not pay interest on late payments.
- 23.4 Items of the Works for which no rate or price has been entered in will not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.
- 23.5 The Contract Price shall be stated in Kenya Shillings. All payments to the Contractor shall be made in Kenya Shillings and foreign currency in the proportion indicated in the tender, or agreed prior to the execution of the Contract Agreement and indicated therein. The rate of exchange for the calculation of the amount of foreign currency payment shall be the rate of exchange indicated in the Special Conditions of Contract. If the Contractor indicated foreign currencies for payment other than the currencies of the countries of origin of related goods and services the Employer reserves the right to pay the equivalent at the time of payment in the currencies of the countries of such goods and services. The Employer and the Project Manager shall be notified promptly by the Contractor of any changes in the expected

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foreign currency requirements of the Contractor during the execution of the Works as indicated in the Schedule of Foreign Currency Requirements and the foreign and local currency portions of the balance of the Contract Price shall then be amended by agreement between Employer and the Contractor in order to reflect appropriately such changes.

23.7 In the event that an advance payment is granted, the following shall apply:-

- a) On signature of the Contract, the Contractor shall at his request, and without furnishing proof of expenditure, be entitled to an advance of not more than 10% (ten percent) of the original amount of the Contract. The advance shall not be subject to retention money.
- b) No advance payment may be made before the Contractor has submitted proof of the establishment of deposit or a directly liable guarantee satisfactory to the Employer in the amount of the advance payment. The guarantee shall be in the same currency as the advance.
- c) Reimbursement of the lump sum advance shall be made by deductions from the Interim payments and where applicable from the balance owing to the Contractor. Reimbursement shall begin when the amount of the sums due under the Contract reaches 20% of the original amount of the Contract. It shall have been completed by the time 80% of this amount is reached.

The amount to be repaid by way of successive deductions shall be calculated by means of the formula:

$$R = \frac{A(x^1 - x^{11})}{80 - 20}$$

Where:

- | | | |
|----------|---|---|
| R | = | the amount to be reimbursed |
| A | = | the amount of the advance which has been granted |
| X^1 | = | the amount of proposed cumulative payments as a percentage of the original amount of the Contract. This figure will exceed 20% but not exceed 80%. |
| X^{11} | = | the amount of the previous cumulative payments as a percentage of the original amount of the Contract. This figure will be below 80% but not less than 20%. |
- d) With each reimbursement the counterpart of the directly liable guarantee may be reduced accordingly.

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24. Compensation Events

- 24.1 The following issues shall constitute Compensation Events:
- (a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Appendix to Conditions of Contract.
 - (b) The Employer modifies the List of Other Contractors, etc., in a way that affects the Work of the Contractor under the Contract.
 - (c) The Project Manager orders a delay or does not issue drawings, specifications or instructions required for execution of the Works on time.
 - (d) The Project Manager instructs the Contractor to uncover or to carry out additional tests upon the Work, which is then found to have no defects.
 - (e) The Project Manager unreasonably does not approve a subcontract to be let.
 - (f) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Letter of Acceptance from the information issued to tenderers (including the Site investigation reports), from information available publicly and from a visual inspection of the Site.
 - (g) The Project Manager gives an instruction for dealing with an unforeseen condition, caused by the Employer or additional work required for safety or other reasons.
 - (h) Other contractors, public authorities, utilities, or the Employer does not work within the dates and other constraints stated in the Contract, and they cause delay or extra cost to the Contractor.
 - (i) The effects on the Contractor of any of the Employer's risks.
 - (j) The Project Manager unreasonably delays issuing a Certificate of Completion.
 - (k) Other compensation events described in the Contract or determined by the Project Manager shall apply.
- 24.2 If a compensation event would cause additional cost or would prevent the Work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date shall be extended. The Employer shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

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- 24.3 As soon as information demonstrating the effect of each compensation event upon the Contractor's forecast cost has been provided by the Contractor, it shall be assessed by the Project Manager, and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Project Manager shall adjust the Contract Price based on the Project Manager's own forecast. The Project Manager will assume that the Contractor will react competently and promptly to the event.
- 24.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor not having given early warning or not having co-operated with the Project Manager.
- 24.5 Prices shall be adjusted for fluctuations in the cost of inputs only if provided for in the Special Conditions of Contract.
- 24.6 The Contractor shall give written notice to the Project Manager of his intention to make a claim within thirty days after the event giving rise to the claim has first arisen. The claim shall be submitted within thirty days thereafter. Provided always that should the event giving rise to the claim of continuing effect, the Contractor shall submit an interim claim within the said thirty days and a final claim within thirty days of the end of the event giving rise to the claim.

25. Price Adjustment

- 25.1 The Employer shall adjust the Contract Price if taxes, duties and other levies are changed between the date 30 days before the submission of tenders for the Contract and the date of Completion. The adjustment shall be the change in the amount of tax payable by the Contractor.
- 25.2 The Contract Price shall be deemed to be based on exchange rates current at the date of tender submission in calculating the cost to the Contractor of materials to be specifically imported (by express provisions in the Contract Bills of Quantities or Specifications) for permanent incorporation in the Works. Unless otherwise stated in the Contract, if at any time during the period of the Contract exchange rates shall be varied and this shall affect the cost to the Contractor of such materials, then the Project Manager shall assess the net difference in the cost of such materials. Any amount from time to time so assessed shall be added to or deducted from the Contract Price by the Employer, as the case may be.
- 25.3 Unless otherwise stated in the Contract, the Contract Price shall be deemed to have been calculated in the manner set out below and in sub-clauses 25.4 and 25.5 and shall be subject to adjustment in the events specified thereunder;

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- (i) The prices contained in the Contract Bills of Quantities shall be deemed to be based upon the rates of wages and other emoluments and expenses as determined by the Joint Building Council of Kenya (J.B.C.) and set out in the schedule of basic rates issued 30 days before the date for submission of tenders. A copy of the schedule used by the Contractor in his pricing shall be attached in the Special Conditions of Contract.
- (ii) Upon J.B.C. determining that any of the said rates of wages or other emoluments and expenses are increased or decreased, then the Contract Price shall be increased or decreased by the amount assessed by the Project Manager based upon the difference, expressed as a percentage, between the rate set out in the schedule of basic rates issued 30 days before the date for submission of tenders and the rate published by the J.B.C. and applied to the quantum of labour incorporated within the amount of Work remaining to be executed at the date of publication of such increase or decrease.
- (iii) No adjustment shall be made in respect of changes in the rates of wages and other emoluments and expenses which occur after the date of Completion except during such other period as may be granted as an extension of time under clause 17.0 of these Conditions.
- 25.4 The prices contained in the Contract Bills of Quantities shall be deemed to be based upon the basic prices of materials to be permanently incorporated in the Works as determined by the J.B.C. and set out in the schedule of basic rates issued 30 days before the date for submission of tenders. A copy of the schedule used by the Contractor in his pricing shall be attached in the Special Conditions of Contract.
- 25.5 Upon the J.B.C. determining that any of the said basic prices are increased or decreased then the Contract Price shall be increased or decreased by the amount to be assessed by the Project Manager based upon the difference between the price set out in the schedule of basic rates issued 30 days before the date for submission of tenders and the rate published by the J.B.C. and applied to the quantum of the relevant materials which have not been taken into account in arriving at the amount of any interim certificate under clause 23 of these Conditions issued before the date of publication of such increase or decrease.
- 25.6 No adjustment shall be made in respect of changes in basic prices of materials which occur after the date for Completion except during such other period as may be granted as an extension of time under clause 17.0 of these Conditions.
- 25.7 The provisions of sub-clause 25.1 to 25.2 herein shall not apply in respect of any materials included in the schedule of basic rates.

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Manderla stations

26. Retention

- 26.1 The Employer shall retain from each payment due to the Contractor the proportion stated in the Special Conditions of Contract until Completion of the whole of the Works. On Completion of the whole of the Works, half the total amount retained shall be repaid to the Contractor and the remaining half when the Defects Liability Period has passed and the Project Manager has certified that all defects notified to the Contractor before the end of this period have been corrected.

27. Liquidated Damages

- 27.1 The Contractor shall pay liquidated damages to the Employer at the rate stated in the Special Conditions of Contract for each day that the actual Completion Date is later than the Intended Completion Date. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not alter the Contractor's liabilities.
- 27.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Project Manager shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. There shall be no interest paid on the overpayment.

28. Performance Security

- 28.1 The Performance Security shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a commercial bank licensed by the Central Bank of Kenya, and denominated in Kenya Shillings. The Performance Security shall be valid until a date sixty (60) days beyond the Defects Liability Period.
- 28.2 The Performance Security shall be either one or a combination of the following:
- a) an original Bank Guarantee that is strictly in the form and content as prescribed in the Performance Security Form (Bank Guarantee) in the Tender Document.
 - b) For Local bidders, Standby Letters of Credit (LC). All costs, expenses and charges levied by all banks party to the LC shall be prepaid/borne by the Tenderer. The LC must contain all the mandatory conditions of payment to KPLC as prescribed in the Tender Security (Letters of Credit) provided in the Tender Document.
 - c) For Foreign bidders, Standby Letters of Credit (LC) confirmed by a bank in Kenya. All costs, expenses and charges levied by all banks party to the LC including confirmation charges shall be prepaid/borne by the Tenderer. The LC must contain all the mandatory conditions of payment to KPLC as

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

prescribed in the Tender Security (Letters of Credit) provided in the Tender Document.

- 28.3 The successful Tenderer shall furnish a Performance Security being the sum of ten percent (10%) of the contract value.
- 28.4 KPLC shall seek authentication of the Performance Security from the issuing bank. It is the responsibility of the successful Tenderer to sensitize its issuing bank on the need to respond directly and expeditiously to queries from KPLC. The period for response shall not exceed five (5) days from the date of KPLC's query. Should there be no conclusive response by the Bank within this period, such successful Tenderer's Performance Security may be deemed as invalid.
- 28.5 Failure of the successful Tenderer to furnish an authentic Performance Security, the award shall be annulled and the Tender Security forfeited, in which event KPLC may notify the next lowest evaluated Tenderer that its Tender has been accepted.

29. Dayworks

- 29.1 If applicable, the Dayworks rates in the Contractor's tender shall be used for small additional amounts of Work only when the Project Manager has given written instructions in advance for additional work to be paid for in that way.
- 29.2 All work to be paid for as Dayworks shall be recorded by the Contractor on Forms approved by the Project Manager. Each completed form shall be verified and signed by the Project Manager within two days of the Work being done.
- 29.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.

30. Liability and Insurance

- 30.1 From the Start Date until the Defects Correction Certificate has been issued, the following are the Employer's risks:
- (a) The risk of personal injury, death or loss of or damage to property (excluding the Works, Plant, Materials and Equipment), which are due to;
- (i) use or occupation of the Site by the Works or for the purpose of the Works, which is the unavoidable result of the Works, or
- (ii) negligence, breach of statutory duty or interference with any legal right by the Employer or by any person employed by or contracted to him except the Contractor.

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- (b) The risk of damage to the Works, Plant, Materials, and Equipment to the extent that it is due to a fault of the Employer or in Employer's design, or due to war or radioactive contamination directly affecting the place where the Works are being executed.

30.2 From the Completion Date until the Defects Correction Certificate has been issued, the risk of loss of or damage to the Works, Plant, and Materials is the Employer's risk except loss or damage due to;

- (a) a defect which existed on or before the Completion Date.
- (b) an event occurring before the Completion Date, which was not itself the Employer's risk
- (c) the activities of the Contractor on the Site after the Completion Date.

which are Contractor's risks.

30.3 From the Start Date until the Defects Correction Certificate has been issued, the risks of personal injury, death and loss of or damage to property (including, without limitation, the Works, Plant, Materials, and Equipment) which are not Employer's risk are Contractor's risks.

The Contractor shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts stated in the Special Conditions of Contract for the following events;

- (a) loss of or damage to the Works, Plant, and Materials;
- (b) loss of or damage to Equipment;
- (c) loss of or damage to property (except the Works, Plant, Materials, and Equipment) in connection with the Contract, and
- (d) personal injury or death.

30.4 Policies and certificates for insurance shall be delivered by the Contractor to the Project Manager for the Project Manager's approval before the Start Date. All such insurance shall provide for compensation required to rectify the loss or damage incurred.

30.5 If the Contractor does not provide any of the policies and certificates required, the Employer may effect the insurance which the Contractor should have provided and recover the premiums from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.

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- 30.6 Alterations to the terms of an insurance shall not be made without the approval of the Project Manager. Both parties shall comply with any conditions of insurance policies.

31. Completion and taking over

- 31.1 Upon deciding that the Works are complete, the Contractor shall issue a written request to the Project Manager to issue a Certificate of Completion of the Works. The Employer shall take over the Site and the Works within seven [7] days of the Project Manager's issuing a Certificate of Completion.

32. Final Account

- 32.1 The Contractor shall issue the Project Manager with a detailed account of the total amount that the Contractor considers payable to him by the Employer under the Contract before the end of the Defects Liability Period. The Project Manager shall issue a Defects Liability Certificate and certify any final payment that is due to the Contractor within 30 days of receiving the Contractor's account if it is correct and complete. If it is not, the Project Manager shall issue within 30 days a schedule that states the scope of the corrections or additions that are necessary. If the final account is still unsatisfactory after it has been resubmitted, the Project Manager shall decide on the amount payable to the Contractor and issue a Payment Certificate. The Employer shall pay the Contractor the amount due in the Final Certificate within 60 days.

33. Termination

- 33.1 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract. These fundamental breaches of Contract shall include, but shall not be limited to, the following;

- (a) the Contractor stops work for 30 days when no stoppage of work is shown on the current program and the stoppage has not been authorised by the Project Manager;
- (b) the Project Manager instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within 30 days;
- (c) the Contractor is declared bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (d) a payment certified by the Project Manager is not paid by the Employer to the Contractor within 30 days (for Interim Certificate) or 60 days (for Final Certificate) of issue.
- (e) the Project Manager gives notice that failure to correct a particular defect is a fundamental breach of Contract and the

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Contractor fails to correct it within a reasonable period of time determined by the Project Manager;

(f) the Contractor does not maintain a security, which is required.

33.2 When either party to the Contract gives notice of a breach of Contract to the Project Manager for a cause other than those listed under Clause 33.1 above, the Project Manager shall decide whether the breach is fundamental or not.

33.3 Notwithstanding the above, the Employer may terminate the Contract for convenience.

33.4 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible. The Project Manager shall immediately thereafter arrange for a meeting for the purpose of taking record of the Works executed and materials, goods, equipment and temporary buildings on Site.

34. Payment Upon Termination

34.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Project Manager shall issue a certificate for the value of the Work done and materials ordered and delivered to Site up to the date of the issue of the certificate. Additional liquidated damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable by the Contractor.

34.2 If the Contract is terminated for the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Project Manager shall issue a certificate for the value of the Work done, materials ordered, the reasonable cost of removal of equipment, repatriation of the Contractor's personnel employed solely on the works, and the Contractor's costs of protecting and securing the works.

34.3 The Employer may employ and pay other persons to carry out and complete the Works and to rectify any defects and may enter upon the Works and use all materials on the Site, plant, equipment and temporary works.

34.4 The Contractor shall, during the execution or after the completion of the Works under this clause remove from the Site as and when required, within such reasonable time as the Project Manager may in writing specify, any temporary buildings, plant, machinery, appliances, goods or materials belonging to or hired by him, and in default the Employer may (without being responsible for any loss or damage) remove and sell any such property of the Contractor, holding the proceeds less all costs incurred to the credit of the Contractor.

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Until after completion of the Works under this clause the Employer shall not be bound by any other provision of this Contract to make any payment to the Contractor, but upon such completion as aforesaid and the verification within a reasonable time of the accounts therefore the Project Manager shall certify the amount of expenses properly incurred by the Employer and, if such amount added to the money paid to the Contractor before such determination exceeds the total amount which would have been payable on due completion in accordance with this Contract the difference shall be a debt payable to the Employer by the Contractor; and if the said amount added to the said money be less than the said total amount, the difference shall be a debt payable by the Employer to the Contractor.

35. Release from Performance

- 35.1 If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Employer or the Contractor, the Project Manager shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop Work as quickly as possible after receiving this certificate and shall be paid for all Work carried out before receiving it.

36. Corrupt gifts and payments of commission

The Contractor shall not;

- (a) Offer or give or agree to give to any person in the service of the Employer any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other Contract for the Employer or for showing or forbearing to show favour or disfavour to any person in relation to this or any other contract for the Employer.
- (b) Enter into this or any other contract with the Employer in connection with which commission has been paid or agreed to be paid by him or on his behalf or to his knowledge, unless before the Contract is made particulars of any such commission and of the terms and conditions of any agreement for the payment thereof have been disclosed in writing to the Employer.

Any breach of this Condition by the Contractor or by anyone employed by him or acting on his behalf (whether with or without the knowledge of the Contractor) shall be an offence under the provisions of the Public Procurement and Asset Disposal Act 2015 and Regulations 2006; Anti-Corruption and Economic Crimes Act 2003; Public Finance Management Act Cap 412.

37. Settlement Of Disputes

- 37.1 In case any dispute or difference shall arise between the Employer or the Project Manager on his behalf and the Contractor, either during the progress or after the completion or termination of the Works, such dispute
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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 to be agreed between the parties. Failing agreement to concur in the appointment of an Arbitrator, the Arbitrator shall be appointed by the Chairman or Vice Chairman of any of the following professional institutions;

- (i) Architectural Association of Kenya
- (ii) Institute of Quantity Surveyors of Kenya
- (iii) Association of Consulting Engineers of Kenya
- (iv) Chartered Institute of Arbitrators (Kenya Branch)
- (v) Institution of Engineers of Kenya

On the request of the applying party. The institution written to first by the aggrieved party shall take precedence over all other institutions.

37.2 The arbitration may be on the construction of this Contract or on any matter or thing of whatsoever nature arising thereunder or in connection therewith, including any matter or thing left by this Contract to the discretion of the Project Manager, or the withholding by the Project Manager of any certificate to which the Contractor may claim to be entitled to or the measurement and valuation referred to in clause 23.0 of these conditions, or the rights and liabilities of the parties subsequent to the termination of Contract.

37.3 Provided that no arbitration proceedings shall be commenced on any dispute or difference where notice of a dispute or difference has not been given by the applying party within ninety days of the occurrence or discovery of the matter or issue giving rise to the dispute.

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

37.5 Notwithstanding anything stated herein the following matters may be referred to arbitration before the practical completion of the Works or abandonment of the Works or termination of the Contract by either party:

37.5.1 The appointment of a replacement Project Manager upon the said person ceasing to act.

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- 37.5.2 Whether or not the issue of an instruction by the Project Manager is empowered by these Conditions.
- 37.5.3 Whether or not a certificate has been improperly withheld or is not in accordance with these Conditions.
- 37.5.4 Any dispute or difference arising in respect of war risks or war damage.
- 37.6 All other matters shall only be referred to arbitration after the completion or alleged completion of the Works or termination or alleged termination of the Contract, unless the Employer and the Contractor agree otherwise in writing.
- 37.7 The Arbitrator shall, without prejudice to the generality of his powers, have powers to direct such measurements, computations, tests 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 certificate.
- 37.8 The Arbitrator shall, without prejudice to the generality of his powers, have powers to open up, review and revise any certificate, opinion, decision, requirement or notice and to determine all matters in dispute which shall be submitted to him in the same manner as if no such certificate, opinion, decision requirement or notice had been given.
- 37.9 The award of such Arbitrator shall be final and binding upon the parties.

SECTION VI - SPECIAL CONDITIONS OF CONTRACT

TENDER NO. KP1/9A.1A/OT/009/18-19 FOR CONSTRUCTION OF TWO CYLINDRICAL TANKS WITH A CAPACITY OF 500,000 LITRES FOR LODWAR AND MANDERA

CONDITIONS OF CONTRACT	CLAUSE	REQUIREMENT(S)
Employer		Kenya Power and Lighting Company Ltd. P. O. Box 30099 00100 NAIROBI, KENYA
Project Manager		The Project Manager's address is: Name – Chief Engineer Off Grid Power Stations Address – P. O. Box 30099 00100 Nairobi, Kenya Telephone - +254 719079508
The Name and identification number of the contract		For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera Tender: KP1/9A.1A/OT/009/18-19
The work consist of		PART 'A' – Design Engineering and Other Services for Mandera & Lodwar PART 'B' – Supply of Materials for Mandera & Lodwar PART 'C' – Construction of 500,000 Litres for Mandera & Lodwar PART 'D' - Training and Development for Mandera & Lodwar
Start Date		After site handing over
Intended Completion Date for the whole of the works		As per accepted tender
Other documents to form part of the contract		As per tender
The number of days within which the contractor shall submit a revised program for the Works after delivery of the Letter of Acceptance		7 days

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The Site Possession Date		<i>After issuance of LPO</i>
Site Location and Drawing Number		<i>Mandera and Lodwar Station</i>
Defects Liability Period (in days)		<i>Six (6) Months from date of completion</i>
Other Contractors, utilities etc to be engaged by the Employer on the Site		<i>7 days</i>
The period between program updates (In days)		<i>14 days</i>
The proportion of payment to be retained (in Percent)		<i>5%</i>
The Price Adjustment Clause (Shall/shall not apply)		<i>Shall not apply</i>
The liquidated damages for the whole of the works in % (per week)		<i>0.5 % of contract value</i>
Maximum Limit of liquidated damages in %		<i>10% of contract value.</i>
Performance Security (as a percentage of the Contract Price)		<i>10% of contract value.</i>
Completion Period for the works (in weeks)		<i>20 weeks</i>
The rate of exchange for calculation of foreign currency payments		<i>CBK prevailing rate at the date of tender opening</i>
Advance payment (Shall/ Shall not be granted)		<i>Shall not be granted</i>
Percentage of Retention(Of the Interim Payment Certificate)		<i>5% of interim payment certificate</i>
Minimum amount of interim certificates		<i>5% contract value</i>
Time (in days) after which payment is to be made after Interim Payment Certificate signed by Project Manager and date of receipt of Invoice.		<i>30 days</i>
Time after which payment to be made after Final Payment Certificate signed by Project Manager and date of receipt of Invoice.		<i>30 days</i>
Terms of Payment		<p><i>30% after completion of all civil works i.e. Bund wall, plinths and separator pit.</i></p> <p><i>50% on successful installation of fuel tanks, all fuel tank, accessories and all pipe works.</i></p> <p><i>10% after testing, calibration of fuel tanks and submission of tank charts and measuring dip scale.</i></p> <p><i>10% after defects liability period.</i></p> <p><i>The credit period shall be thirty (30) days</i></p> <p><i>Above Payment milestones shall be subject to KPLC Engineers approval.</i></p>
Warranty Period		<i>6 months</i>

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

Defects Liability Period		6 months
Appointer of Arbitrator		The Employer and Contractor

Signature & Stamp of Tenderer..... Date.....

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

SECTION VII – SPECIFICATIONS/ SCHEDULE OF REQUIREMENTS/SCOPE OF THE WORK

TANK SPECIFICATIONS

	LOCATION	USE	DIAMETER	HEIGHT	NOMINAL CAPACITY
1.	Mandera	Diesel storage	9Meters	8 MTRS	500CM (500,000 Litres)
2.	Lodwar	Diesel storage	9Meters	8 MTRS	500CM (500,000 Litres)

Plans on the design and construction of tanks drawn shall be submitted to the Project Manager for approval after being certified by a responsible engineer that they meet the international

Summary of Scope of Works

The main elements of the works shall include but not limited to the following:

- i. Undertaking a Geotechnical Investigation (GIS) Study.
- ii. Design, supply and erection of two (2) storage tanks complete with appurtenances to API 650 and relevant applicable codes and standards. Drawing must be submitted to KPLC for approval before any commencement of any work.
- iii. Preparation and setting out of designated areas for the works.
- iv. Construction of pipe and valve supports.
- v. Supply, installation, test and commissioning of valves.
- vi. Supply, installation, calibration, and commissioning of a Separator tank and its auxiliaries.
- vii. Fabrication of drain lines to the dump tank.
- viii. Construction of bund walls/dykes around the storage tanks which is supposed to be 110% of the fuel tank capacity. Construction of an access way into the bund wall.
- ix. Design and construction of bund wall floor containment to allow water or any fuel spillage within the containment to flow into the fuel Water Separator.
- x. Erection of equipment maintenance platforms and walkways.
- xi. Contractor shall assess the existing fire fighting system to determine its adequacy and advice KPLC accordingly. If inadequate contractor shall add to and/or improve the existing fire fighting facilities to give adequate protection to the fire risks associated with the erection of new tanks.
- xii. Supply, install and set to work all instrumentation/control systems and electrical equipment at associated with the additional product storage equipment.
- xiii. Provision of corrosion protection system for tanks and all pipelines.
- xiv. Non-Destructive Testing, Painting, Calibration, Pre-commissioning and Commissioning.
- xv. Provision of Operating and Maintenance manuals for the use by KPLC. Provision of equipment training), design-training.
- xvi. Provision of 'As-Built' drawings.
- xvii. Power supply to all equipment from existing source in the station.

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

Mechanical Works

Scope

The mechanical works at Mandera Power station and Lodwar power station shall comprise all works associated with the detail design, engineering, procurement, inspection, testing and delivery to site, setting down, alignment and setting to work all plant and equipment for the works and commissioning.

The Contractor shall:

- Undertake the detail design, supply, fabrication and erection of two vertical, welded steel, fixed aluminium dome roof product storage tanks at Mandera Power station and Lodwar Power station as detailed above. The tanks shall be complete with all appurtenances all in accordance with the requirements of **API 650** code and standard – Welded Steel Tanks for Fuel Storage.
- Supply and install foam pourers with base injection for the new tanks including ‘bag’ type foam concentrate storage tanks with integral foam inductors.
- Fabricate and install all foam distribution piping
- Fabricate and install process, drain and vent piping.
- Install valves and actuators.
- Fabricate equipment supports as necessary for the Works.
- Undertake Non-Destructive Testing of the tanks and process, drain and vent piping as required by applicable codes and standards.
- Hydrostatic pressure testing of tanks as per API 650 code and standard and piping as per ASME B31.3 & 31.4. This includes de-watering. The piping shall be purged with nitrogen.
- Prepare and paint all piping, plant and equipment to the satisfaction of KPLC.
- Undertake all pre-commissioning checks and calibration as necessary.
- Commission facilities to the satisfaction of KPLC.
- Prepare ‘As-Built’ drawings and records of the Works.
- Undertake any other works as may be required for successful completion of the project.

Specification for Fuel vertical cylindrical Storage Tanks

General

The tanks shall, as a minimum, be equipped with: -

- Pressure/ vacuum relief valves
- A tank level gauging system
- Pressure transmitters
- High level switch connections
- Low level switch connections

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

- Tank side remote display unit
- Product temperature measurement
- Foam injection points,
- Roof and shell man ways.
- Manual dip point

The Contractor shall prepare and submit detailed drawings and supporting calculations for the tanks to the Project Engineer for approval. Manufacture of the tanks shall not commence until such approval is given.

Codes and Standards

The oil tanks shall be new, welded steel, fixed roof, above ground and shall be designed and constructed in accordance with API 650 – Welded Steel Tanks for Oil Storage- Latest Edition.

Other Relevant codes are:

API 2000	venting atmospheric and Low pressure Storage Tanks
ASME B16.5	Pipe Flanges and Flanged Fittings
ASME B16.21	Non-Metallic Flat Gaskets for Pipes
SIS 55 05 5900	Preparation of Steel Substrates before application of points and related products – visual assessment of surface cleanliness
BS 2654	Manufacture of Vertical Steel Welded Non- Refrigerated Storage Tanks with Butt-Welded shells for Petroleum Industry
BS 7079	Preparation of Steel Substrates before application of paints and related products
ASME B31.3	Process Piping
ASME B31.4	Liquid Transportation Systems for Hydrocarbons, Liquid Petroleum Gas, Anhydrous Ammonia and Alcohol
BS 4515	Welding of steel pipelines on land and offshore.
BS EN 499	Welding Consumables - Covered Electrodes for Manual Metal Arc Welding of Non Alloy and Fine Grain Steels
ASME IX	Boiler and Pressure Vessel Code Welding and Brazing Qualifications
API 1104	Welding of Pipelines and Related Facilities
ASME V	Boiler and Pressure Vessel Code – Non-Destructive Examination
BS EN 462	Non-Destructive Testing - Image Quality of Radiographs
BS 3971 S	specification for Image Quality Indicators for Industrial Use
ASTM E94	Guide for Radiographic Testing.
ASTM E1316	Terminology for Non-Destructive Examinations

Design Criteria

The following design criteria are given as a minimum:

- The design specific gravity shall be 1.0 for all tanks.

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Manderla stations

- The design corrosion allowance for shell plates, roof plates and internal structural members shall be 3.0mm.
- The design corrosion allowance for aluminium material shall be nil.
- The design of the bottom plates shall include a corrosion allowance of 3.5mm.
- The shell plate thickness shall be determined by the 1-foot method as per API 650
- External stairways to the roof, platforms, walkways and hand rails shall be installed as necessary to permit safe and proper access to operational valves, tank level gauging equipment and manual dip points.
- Intermediate landing platforms shall be provided for each stairway as per API 650.
- Welded joints shall be continuously welded to prevent ingress of rainwater.
- Shell and roof nozzle flanges shall be to ASME B16.5.
- All flanged gaskets shall be to ASME B16.21.
- Wind Girders, where required, shall be attached to the tank shell by welding in a continuous run.
- All tanks shall be fitted with earthing bosses.
- The tanks shall be fitted with automatic level gauging system and independent High-High and Low-Low level switches.

Specification for In-Station Piping

Design Codes and Standards

Design of in-station piping shall be in accordance with ASME B31.3, "Process Piping", supplemented as appropriate by the following codes of practice and standards:

- i. I.P. Model Code, Part 6 - "Pipeline Safety Code."
- ii. ASME B31.4 – "Liquid Transportation Systems for Hydrocarbons, Liquid Petroleum Gas, Anhydrous Ammonia and Alcohols"
- iii. API 5L - Specification for Line Pipe, latest edition. The design philosophy with regard to safety and protection against overpressure shall be in accordance with API Recommended Practice 521, Latest Edition.

Piping Design as per API 650 Standards

- The Contractor shall determine the piping class having due regard for product vapour pressures and friction losses in pipework as a minimum.
- Piping shall be designed for the maximum pressure of the piping class identified.
- The Contractor shall produce piping specifications for each piping class and material and shall submit same to KPLC for approval.
- Design temperature range for exposed above-ground piping and equipment shall be in accordance with the Meteorological Data section.

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Manderla stations

- Design of structural attachments, welded direct to the pipe, shall be in accordance with ASME B31.3.
- The Contractor shall undertake an analysis of his proposed piping design to prove the adequacy or otherwise of piping flexibility. Where points at which excessive local stresses may be generated due to local restraints, such as guides, anchors, branch connections to equipment etc. are identified the Contractor shall undertake all necessary corrective action. Such calculations shall be subject to KPLC's approval.
- Above ground piping and equipment, which may be isolated by, block or check valves, shall be protected against overpressure due to liquid thermal expansion by thermal relief valves.
- Buried pipelines shall be factory applied polyethylene coated. The coating system shall comprise as a minimum three layers, an epoxy primer, co-polymer adhesive and extruded polyethylene. The coating shall be suitable for the maximum design temperature.

Piping Materials

(i) Line pipe as per API 650 Standards

- Prior to commencing manufacture of line pipe, the Contractor shall on behalf of the manufacturer submit to KPLC for approval detailed manufacturing procedures for each pipe diameter, heat treatment condition, wall thickness and product analysis. This shall include:
 - 1) Material procurement source
 - 2) Limits on heat and product analysis including residual elements to be placed on the steelmaker.
 - 3) Material manufacturing details including steel making process, de-sulphuring, vacuum degassing, casting and rolling.
 - 4) Heat treatment procedures.
 - 5) Method of straightening, sizing, pipe finishing, stretch reduction and hydrostatic testing.
 - 6) Dimensional Tolerances.
 - 7) Quality Control, inspection and testing procedures.
 - 8) Pipe identification numbering scheme.
 - Unless alternative proposals are accepted by the Project Engineer prior to start of the production, the product analysis shall conform to the following limits:
 Carbon: 0.16% max
 Manganese: 0.5% to 1.5% max
 Silicon: 0.15% to 0.40% max
 Sulphur: 0.005% max
 Phosphorus: 0.025% max
 Nitrogen: 0.012% max
 Aluminum: 0.02% to 0.06% max

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Manderla stations

Nickel: 0.30% max
 Copper: 0.20% max
 Chromium plus molybdenum: 0.20% max
 Vanadium plus Niobium plus Titanium: 0.10% max
 Boron: 0.0005% max
 Calcium: 0.006% max
 Tin: 0.015% max

(ii) Flanges and Fittings

- Flanges shall be weld neck, raised face in forged carbon steel to ASTM A105, all in accordance with ASME B16.5, Material Group 1.1, Class 150.
- Butt welding fittings shall be forged carbon steel to ASTM A234 Gr. WPB in accordance with ASME B16.9.
- Socket weld and screwed fittings shall be Class 3000lb forged carbon steel to ASTM A105 in accordance with ASME B16.1 1.
- Flanges and pipe fittings shall have the same under-tolerance as that specified for the line pipe.

(iii) Gaskets

- Gaskets for piping classes 150 shall be non-metallic flat ring type in accordance with ASME B16.21.
- Gaskets deviating from above standard will need approval from the project manager

(iv) Bolts

- Length and diameter of stud bolts shall be in accordance with ASME B16.5. Stud bolts shall be threaded over their full length.
- Material of manufacture shall be ASTM A198 Gr. B7. Hexagonal nuts shall be to ASTM A194 Gr. 2H.

Specification for General Purpose Valves

Scope

This Specification covers the design and manufacture of the following general purpose valves together with the requirements for electric powered valve actuators.

- a) Wedge Gate Valves
- b) Swing Check Valves
- c) Ball Valves
- d) Small Bore Check Valves
- e) Globe Valves
- f) Firewater Hydrant Valves

Codes and Standards

Equipment supplied to this Specification shall comply as appropriate with the latest editions of the following international codes and standards unless otherwise modified,

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Manderu stations

amended or excluded by this Specification. In case of conflict this Specification shall take precedence.

ASME B16.5 Steel Pipe Flanges and Flanged Fittings

ASME B16.10 Face to Face Dimensions of Ferrous Flanged and Welding End Valves

ASME B16.25 Butt Welding Ends

ASME B16.34 Steel Valves, Flanged, Threaded and Butt Welding Ends

API RP 6D Specification for Pipeline Valves, End Closures, Connectors and Swivels

API RP 6F Recommended Practice for Fire Test of Valves

API RP 520 Design and installation of Pressure Relieving Systems in Refineries

API RP 521 Guide for Pressure Relieving and Depressurizing Systems

API 526 Flanged Steel Safety Relief Valves

API 527 Commercial Seat tightness of Safety Relief Valves with Metal to Metal Seats

API 598 Valve Inspection and Test

API 599 Steel Plug Valves

API 600 Steel Gate Valves, Flanged and Butt Welding Ends

API 607 Fire Test for Soft Seated Ball Valves

BS 336 Specification for Fire Hose Couplings; and Ancillary Equipment

BS 1414 Specification for steel wedge gate valves, (flanged and butt welding ends) for the petroleum, petrochemical and allied industries

BS 1868 Specification for steel check valves (flanged and butt welding ends) for the petroleum, petrochemical and allied industries

BS 5351 Steel ball valves for the petroleum, petrochemical and allied industries

BS 6755 Specification for fire type-testing requirements

Product Data

All wetted parts shall be suitable for exposure to the following products, as appropriate,

- a) Potable Water
- b) Motor Spirit Regular
- c) Motor Spirit Premium
- d) Dual Purpose Kerosene
- e) Automotive Diesel

Design

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mander stations

- Parts in contact with the liquid shall be of a material which cannot contaminate the liquid and are resistant to their deleterious effects. Cadmium, copper lead or zinc and compounds containing them shall not be used in components exposed to the process fluids or their vapours.
- Valves shall be supplied flanged with raised faces in accordance with ASME B16.5 unless otherwise specified.
- Valves shall be fitted with locking plates, suitably drilled, together with padlock to facilitate locking of the valves in the open or closed position.
- By convention, all manually operated valves shall open by use of hand wheel or wrench in an anti-clockwise, direction and close in a clockwise direction.
- Where required, valves shall be fitted with electrically operated actuators.

Wedge Gate Valves

- Wedge gate valves shall be designed, manufactured, tested and inspected in accordance with API 600 and ASME B16.34 as appropriate.
- Wedge gate valves shall be of solid wedge design with resilient primary seat, bolted bonnet, outside screw and yoke and rising stem.
- The valve body shall be manufactured from carbon steel to ASTM A216 Grade WCB Trim shall be of 13% chrome stainless steel.
- Where required, for ease of operation, valves shall be fitted with extension spindles the length of which shall be specified by the Contractor.

Swing Check Valves

- Swing check valves shall be designed, manufactured tested and inspected in accordance with API 6D or BS 1868 as appropriate.
- The valves design shall feature a bolted cover and renewable seat and hinge pin.
- The valve body shall be manufactured from carbon steel to ASTM A216 Grade WCB. Valve trim and disc shall be 13% chrome stainless steel and carbon steel respectively. Resilient seats of PTFE or Viton or similar chemically inert material shall be provided and there shall be a secondary metal/metal seat should the resilient seal tail.
- All valves shall be of tight shut-off design, employing resilient primary seals with metal-to-metal seat.
- Valve drains shall, where provided, be plugged.

General Service Check Valves

- Valves for general service applications size 1" and above shall be of swing-check design in accordance with BS 1873 or API 6D.
- Swing-check valves shall have a cast carbon steel body with bolted top cover and flanged end connections.

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mander stations

- Check valves for size 1½” and below shall be piston or ball type and shall be suitable for mounting in the horizontal or vertical plane as applicable. Valves shall be of forged carbon steel construction with socket weld end connections.

Small Check Valves

- Check valves, 1½” and smaller, shall be horizontal or vertical ball type, bolted bonnet design with 13% chrome stainless steel trim and shall comply in all aspects of design, operation, performance and testing with BS 5352 unless otherwise required by this Specification.
- Valves bodies shall be carbon steel forgings in accordance with ASTM A105 with a maximum carbon content of 0.23% and shall have socket welding ends, Class 800.

General Service Block Valves

- Equipment isolation valves shall be ball type to API 6D or BS 5351 and “Fire Safe” to BS 6755 Part 2, API 6FA or API 607.
- Valves of 2” and above shall be of two-piece bolted construction having a cast carbon steel body with flanged end connections.
- Valves of 1½” and below shall be of three-piece bolted construction with forged carbon steel body and socket weld end connections.

Ball Valves

- Ball valves shall be designed, manufactured tested and inspected in accordance with BS 5351. Valves, sizes 1½” and smaller, shall be of three-piece bolted construction. Flanged valves, sizes 2” and larger, shall be of two-piece bolted construction.
- Valve bodies for sizes 1½” and smaller shall be manufactured from forged carbon steel to ASTM A105 with maximum carbon content of 0.23%. They shall be socket weld end Class 800.
- Valve bodies for sizes 2” and larger shall be manufactured from cast carbon steel to ASTM A216 Gr. WCB.
- Design shall permit relief of excess body pressure.
- The ball and trim shall be of carbon steel, electro less nickel plated.
- Ball valves shall be “fire safe” in accordance with API RP 6F, API 607 or BS 6755 part 2 as appropriate.
- Unless actuated, valves up to and including 4” NB shall be operated by means of a lever or wrench. Valves 6” and above shall be bevel gear hand wheel operated, regardless of piping class.

Twin Seal [Double Block and Bleed (DBB)] Valves

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mander stations

- Valves used for tank isolation purposes shall be of the high integrity double block and bleed type having a reduced port tapered plug with retractable slips and renewable resilient seals.
- Slips shall be accessible via the valve body base flange.
- Valves are to be generally in accordance with API 6D and be pressure tested and inspected in accordance with BS 6755 part 1, API 6D or API 598.
- The valves shall be fire safe to BS 6755 part 2, API 6FA or API 607.
- Valves shall be fitted with an automatic body bleed system with thermal relief, piped to the upstream side of the valve body. The piping arrangement shall also incorporate a manual bleed system.

Globe Valves

- Globe valves, 2" and larger, shall be carbon steel, straight pattern narrow seat type disk, bolted bonnet design with 13% chrome stainless steel trim and snail comply in all aspects of design, operation, performance and testing with BS 1871.5. Valve bodies shall be manufactured from carbon steel castings in accordance with ASTM A216 WCB.
- Globe Valves, 1½" and smaller, shall be of inside screw, rising stem, bolted bonnet, plug type disk, standard bore pattern with 13% chrome stainless steel trim, and shall comply in all aspects of design, operation, performance and testing with BS5352. Valve bodies shall be carbon steel forgings in accordance with ASTM A105 with a maximum carbon content of 0.23% and shall have socket welding ends, Class 800.

Thermal Relief Valves

- Thermal relief valves shall be of the right-angle pattern and be of a direct acting, spring loaded design.
- They shall be manufactured from carbon steel to ASTM A105 or ASTM A216 Grade WCB as required.
- Valves shall be flanged raised face in accordance with ASME B16.5 or screwed NPT.
- Valve size, pressure rating and set pressure shall be specified by the EPC Contractor.

Pressure Relief Valves

- Pressure Relief Valves shall be of the direct acting, spring loaded type.
- Valves shall be of forged carbon steel construction with flanged end connections.

Firewater Hydrant Valves

- Controlled pressure hydrant valves for the firewater system, shall have bodies manufactured from standard gunmetal or bronze materials.

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- They shall have a flanged, raised face inlet, to ASME B16.5 and a female instantaneous bib-nosed outlet to BS 336 or otherwise, to suit local Fire brigade requirements.
- The valve design shall comprise a spring loaded pressure reduction and shut off valve arrangement, which shall be hand wheel operated.
- The outlet set pressure shall be consistent with the fire fighting equipment to be connected to the valve and shall be specified by the Contractor.
- Each valve shall be furnished with a push-fit outlet cap or plug, and connecting chain fixed to the valve.

Electric Actuators

- Where required, valves shall be supplied complete with electric actuators.
- The Contractor shall be responsible for sizing of the valve actuator, and for the mounting, testing, and inspection of the completed unit.
- Electric valve actuators shall be preferably manufactured by Rotork™ for compatibility with existing actuators.
- The speed of operation of all electrically actuated valves shall be in the order of 20 seconds.
- The motor shall be of totally enclosed, non-ventilated construction, suitable for 415V, 50 Hz, 3 phase AC supply.
- The enclosure shall be BASEEFA certified EEx' d' IIA T3.
- Actuators shall have a manual over-ride facility.
- The hand wheel shall be top mounted or side mounted as appropriate.

Operating controls, integral with the actuator, shall include: -

- a) Local/Off/Remote selector, which may be padlocked in any position
- b) Open/Stop/Close controls for local operation
- c) Remote open/close/stop controls and open/closed fault indication

Piping Arrangement and General Design

- Piping shall be designed to avoid or minimize the creation of "dead legs".
- Buried in-station piping shall be kept to an absolute minimum.
- Where it is necessary to bury process or drain piping within the station, it shall be tape wrapped.
- Isolating joints protected by zinc electrodes or surge diverters shall be installed at the station boundary to electrically isolate the above ground station piping from the impressed current, cathodically protected buried pipelines.

The following philosophy shall be adopted in the design of station drains, vents and thermal relief facilities:

- a) Closed Bleed Drains

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Manderla stations

The number of drains permanently connected into the closed-bleed drainage system shall be kept to a minimum. These shall be limited to thermal-relief valves and equipment drains required for maintenance purposes.

b) General Drains and Vents

- Drain points shall be provided where necessary at pipework low points within the station to permit drain-down of piping and equipment during testing, commissioning and maintenance.
- The number of general drains and vents shall be kept to an absolute minimum.
- Vents shall be positioned relative to local drain points such that sections of piping may be washed through or purged and gas-freed. Vents shall be provided at high points to ensure proper priming of piping and equipment.
- Connections shall be of socket weld construction.
- All vent and drain connections, other than closed-bleed drains, shall have valve open ends capped or plugged-off.

c) Thermal Relief

- Thermal relief valves shall be arranged to discharge into the closed bleed drain system.
- By-pass check valves around block valves shall not be used as a means of protection against overpressure due to thermal effects.
- Piping headers of the same specification, divided into sections by check valves, shall be protected by a thermal relief valve on the extreme downstream section only. Where such header sections are to different specifications, relief valves shall be provided to protect each section.
- Thermal relief connection design shall be similar to that for drains and vents.
- Connections to equipment and piping to be protected shall be equipped with a ball valve upstream of the thermal relief valve.
- Sight glasses shall be installed downstream of relief valves to provide a means of visually checking for incorrect seating of the valve.

d) Valve Locks

All block valves for instrument, drain, and vent or relief valve isolation service shall have locking plates fitted to facilitate locking in the open or closed position.

Fire Protection and Safety

The EPC (Engineering, procurement and Contractor) shall be required to undertake a detailed design of the fire-fighting requirements for the new tanks. The new tank fire fighting facilities shall nonetheless include, but not be limited to:

- Cooling water deluge systems as required to protect the new tanks.
- Foam systems including pourers, bag tanks, inductors etc.
- Tie-ins to the existing firewater ring-main as necessary.

The fire protection design shall be in accordance with Institute of Petroleum Model Code of Safe Practice Part 19 and NFPA as appropriate. The fire fighting facility shall

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be fully automated with provision of operating the fire fighting hydrant remotely as shall be approved by the Project Engineer.

Civil Works

General

The civil works will include route survey and pegging, site clearance, setting out, excavations, pipeline laying, backfilling, carting away soil, construction of all ducts, paved areas, pipe supports, equipment plinths, thrust and anchor block, bund walls, tank foundations, reinstatement and all other civil works, including formwork, concreting, reinforcement, structural steelwork, road works, pump sheds etc.

List of Standards and other documents

BS 5931: 1980	Code of practice for machine laid in site edge details for paved areas
BS 5930	Code of practice for site investigations
BS 1377	Methods of test for soils for civil engineering purposes General requirements and sample preparation
BS 8004:1986	Code of practice for Foundations — (Formerly CP 2004)
BS 8006: 1995	Code of practice for foundations
BS 3100	Specification for steel castings for general engineering purposes Strengthened / reinforced soils and other fills
BS EN 10025	Hot rolled products of non-alloy structural steels.
BS EN 10034	Structural steel I and H sections Tolerances on shape and dimensions.
BS 5 135:	1984 Specification for arc welding of carbon and carbon manganese steels
BS 4449: 1997	Specification for carbon steel bars for the reinforcement of concrete
BS 86661 2000	Specification for scheduling, dimensioning, bending and cutting of steel reinforcement for concrete
BS 8110: Part 1:	1997 Structural use of concrete'. Code of practice
BS 5950: Part 1	Structural use of steelwork in building. Code of practice for design. Rolled and welded sections
BS 5950: Part 2:	Structural use of steelwork in building.

Site Clearance and Setting Out

The site shall be prepared to the levels and measurements approved by the Project Engineer. Bench marks shall be established and constructed at the start of the works and shall be maintained for the period of the Contract. They shall refer to an approved datum. All work shall be as shown on the drawings or as directed by the Project

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Engineer to the specified levels, depths, widths and tolerances. Prior to commencing construction, the Contractor shall establish reference points to define the works.

The Contractor shall set out levels of the works at intervals as are required to do the works.

Before commencement of any excavation, the site shall be surveyed in conjunction with the Project Engineer to establish existing ground levels and these agreed levels shall form the basis for the calculation of quantities of any subsequent excavation and backfilling. These levels shall be taken before any topsoil has been removed. The Contractor shall in the presence of the Project Engineer set out the works in accordance with the drawings, making any changes the Project Engineer may deem necessary and confirming the exact positions of other surfaces e.g. Power cables, Communication cables etc. During the progress of the Works, the Contractor shall not remove, damage, alter or destroy in anyway whatsoever, any plot or survey beacons. He shall notify the Project Engineer of the need to interfere with any beacon. The Project Engineer shall approve any removal and reinstatement that he considers necessary. Should any beacon be found to be above or below the level of the finished Work, the Contractor shall immediately report the same to the Project Engineer's representative.

Should any beacon be damaged or destroyed by the Contractor he shall forthwith report the damage to the Project Engineer and the relevant authorities and shall be held liable for the cost of reinstatement thereof.

Reinstatement and Landscaping

All areas shall be permanently reinstated to the satisfaction of the Project Engineer.

Surplus material, waste and rubbish shall be removed from the site and disposed of in manner approved of by the Project Engineer.

All hedges, trees, fences etc. shall be reinstated and the site left in a tidy and satisfactory condition. Grass seed, trees and shrubs used by the Contractor in reinstatement and landscaping shall be approved by the Project Engineer.

The opening up of roads and footways and reinstatement of the same shall in all respects be carried out to the approval of the Project Engineer.

Gravel Material Sub-base and Base

The Contractor shall, as directed by the Project Engineer, bench and compact the sub-grade to 100% MDD (AASHTO T99), provide lay and compact material for sub-base and base as directed by the Project

Engineer and in accordance with Sections 5 and 12 of the Standard Specifications.

Natural materials for base and sub-base shall conform to the specifications given in Section 12 of the Standard Specifications for Road and Bridge Construction for cement and lime improved base and sub base.

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Natural material for sub-base and base shall be measured by the cubic metre placed and compacted upon the road calculated as the product of the compacted sectional area laid and the length.

Road Furniture

Permanent Road Signs shall be provided as directed by the Project Engineer and in compliance with the requirements of the "Manual for Traffic Signs in Kenya" Part II and standard Specification clause 2004. Paint for road marking shall be internally reflectorized hot applied thermoplastic material in accordance with Clause 219 of the Standard Specification. The rates inserted in the Bills of Quantities [or road marking shall include for prior application of approved tack coat.

Hand Packed Stone Sub-Base and Base

a) Sources of Material

The Contractor may obtain suitable material from existing commercial quarries or from new sources developed by the Contractor. Before being delivered to the site of the Works, the material will be tested for compliance with the requirements stipulated in the following sub-clauses.

b) General Requirements

Where the use of hand packed stone is specified, the rock from which the stones and screenings are produced shall comply with the following:-

A.C.V (Aggregate crushing value). — Max. 40%

L.A.A (Loss Angeles abrasion value). — Max 45%

S.S.S - Max 12%

c) Stones

The stones shall be free from an excess of flat or elongated particles, soft and less durable rock, clays, loam, topsoil and other deleterious matter. The stones shall be of such grading and size that they pack firmly when laid by hand. The larger stones shall have a maximum dimension slightly greater than the thickness [or the required Compacted layer and be of a shape acceptable to the Project Engineer.

The smaller stones shall have a reasonably uniform grading and be of a nominal size suitable, in the opinion of the Project Engineer, for filling the surface voids between the larger stones. The nominal size of the smaller stones will be of the order of 50mm.

d) Screening

The screenings shall consist of tough durable crushed rock, free from an excess of flat, elongated, soft or disintegrated pieces and harmful material, such as loam, clay, organic matter, or other deleterious substances and shall be to the Project Engineer's approval. The grading of the screenings shall form a smooth curve and shall be within and approximately parallel to the following limits. The rates inserted for stone pitching shall allow for grouting.

Bedding and Laying of Pipe Culverts

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Concrete pipes shall be laid on a 150mm thick concrete bed of class 15/40 and the pipes shall be bedded on 1:3 cement: sand mortar at least 50mm thick, 150mm wide and extending the full length of the barrel. The rates inserted shall allow for compaction of the bottom of excavation to 100% MDD.

Subgrade

Sub grade shall mean upper 300mm of earthworks either in situ or in fill and sub grade shall be provided, as part of earthwork operation and payment shall be made as 'fill'. The material for sub grade shall have a CBR of not less than 10% measured after a 4-day soak on a laboratory mix compacted to a dry density of 100% MDD (T99) and swell less than 1%.

Bund walls

Bund walls shall be constructed to match existing bund walls. The bund wall floor shall be concreted and slope of at least 1:100 away from the tank to the bund wall toe shall be provided so as to drain into the Fuel Water Separator. The bund wall should be designed to optimize space and provide for installation of fire fighting equipment. The bunded area shall be able to contain 110% of the tanks total volume. An appropriate access way into the containment will be constructed

Compaction of Earthworks

At pipe culverts, all fill above ground level around the culverts shall be compacted to density of 100% MDD (AASHTO T99) up to the level of the top of the pipes or top of the surround(s), if any and for a width equal to the internal diameter of the pipe on either side of the pipe(s) or surround(s) as applicable. At locations adjacent to structures, all fill above ground level up to the underside of the subgrade shall be compacted to density of 105% MDD (AASHTO T99). In case of fill around box culverts this should be carried out for the full Width of the fill and for a length bounded by the vertical plane passing through the ends of the wing walls.

Foundations

All foundations shall be designed and constructed in accordance with British Standard Code of Practice, BS 8004.

Structural Steelwork

Unless otherwise specified, all structural steel used in building shall, before fabrication, comply with BS EN 10113 and EN 10155.

The design, supply, fabrication and erection of all structural steelwork shall conform to the requirements of BS 449 and to the additional standards referred to therein. The Contractor shall allow for all materials including holding down bolts, connection bolts, washers, linings, packing pieces, and electrodes and all other materials, plant and labour necessary for the completion of the structure in accordance with the approved drawings.

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Concrete

Blinding concrete shall be of mix ratio 1:4:8 and 50mm thick.

Reinforced concrete for columns and footings shall be class 20/25 (mix ratio 1:11/2:3) and maximum aggregate size 19mm

Concrete shall not be placed in heavy rains. In hot weather, excessive drying shall be prevented by placing covers and shall be protected from rainfall and running water until it is sufficiently hard to resist damage.

Except where modified by this Specification, the provisions of British Standards BS 8110: Part 1: 1997 and BS EN 206-112000 shall be applicable to the Works.

4.3.9 Corrosion Control Works

4.3.9.1 Cathodic Protection System

The Contractor shall design, supply, install, test and commission the cathodic protection system for the storage tanks at site.

The Contractor shall be aware that the proposed product storage tanks bottom plates and their related pipe works where applicable shall be cathodically protected against corrosion.

The design shall be based on the following minimum requirements:

- i. 25 years life
- ii. Provide for an end life current demand of 0.6 mA/m² of total surface area to be protected
- iii. Achieve a minimum structure to soil potential of -1.0 V with regard to a CU/CUSO₄ reference cell at all points on the structures to be protected with a maximum of -1.5 V.
- iv. Where necessary provide isolation of pipeline at ends by means of mono block isolating joints.

The detail design shall consider:

- a) Calculation of current requirement
- b) Calculation of anode sizing, output, consumption and efficiency.
- c) Calculation of circuit resistance, including ground bed to earth, structure to earth and cable resistances.
- d) Drawings of ground bed and overall cathodic protection station layout.
- e) Material specifications for all the items that shall be used.
- f) Installation specifications.
- g) Details of cable attachment to storage tank baseplate and pipelines. It should be noted that thermic welding will not be permitted.
- h) Details of measures to assess and mitigate cathodic protection interaction both resulting from the tank bottom cathodic protection system and the effect of other dc systems on the pipelines.
- i) Interference from CP systems on adjacent pipelines.
- j) Installation of adequate PSP measurement/monitoring test points

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Reference Standards

The following codes and standards are applicable to the materials and installation requirements of the CP System.

API 651 (1997)	Cathodic Protection of Aboveground Petroleum Storage Tanks
API RP 1632	Cathodic protection of underground petroleum storage tanks and piping systems
ASM G57	Method of Field Measurement of Soil Resistivity using the Wenner Four Electrode Method
BS 148: (1998)	Specification for unused mineral insulating oils for transformers and switchgear
BS 1591	Specification for corrosion resistant high silicon iron castings
BS 4109: (1991)	Specification for copper for electrical purposes. Wire for general electrical purposes for insulated cables and flexible coil.
BS 4515	Specification for field welding of steel pipelines on Land and Offshore
BS 5467 : (1997)	Specification for armoured cables with thermo setting resin for electrical supply and related voltages up to and including 600/1000V.
BS 5501	Electrical apparatus for potentially explosive atmosphere
BS 550	Part 1 General requirements
BS 5501 Part 6	Increased safety 'e'
BS 6004: (2000)	PVC insulated cables (non-armoured) for electric power and lighting.
BS 6231: (1998)	Specification for PVC insulated cables for switch gear and control gear wiring.
BS 7079	Preparation of steel substrates before application of paints and related products
BS 7361:	Part 1 (1991) Cathodic protection - code of practice for land and marine application.
BS 7430: (1998) `	Code of practice for earthing
BS 7671	Requirements for electrical installations IEE Wiring Regulations – Sixteenth edition
BS EN 287	Approval testing of welders for fusion welding
BS EN 287	Steels
BS EN 288	Specification and approval of welding procedures for metallic materials
BS EN 1133	Packaging Code
BS EN 30012	Quality assurance requirements for measuring equipment
BS EN 60051	Direct acting indicating analogue electrical measuring instruments and their accessories

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BS EN 60076	Power Transformers
BS EN 60099 -14	Electrical apparatus for explosive atmospheres – electrical installations in hazardous areas.
BS EN 60146	Semiconductor invertors general requirements and line commuted convertors.
BS EN 60269	Low Voltage Fuses
BS EN 60439	Specification for low voltage switchgear
BS EN 60464	Varnishes used for electrical installation
BS EN 60529	Specification for classification of degrees of protection provided by enclosures
BS EN 60898:	(1991) Specification for circuit breakers for overcurrent protection for household and similar installation.
IEC 60502	Extruded solid dielectric insulated power cables for rated voltages of 1kV up to 30 kV

General Design

In general, the design should provide adequate corrosion protection while Minimizing installation, maintenance, and operation costs. The major objectives of cathodic protection designs for tank bottoms are to:

- a) Deliver and distribute sufficient current to the tank bottom to ensure that the criterion for protection is met.
- b) Provide a design life of the anode system and other equipment commensurate with the design life of the tank or provide for periodic replacement of anodes and maintenance of equipment.
- c) Provide adequate allowance for anticipated changes in current requirements with time.
- d) Place anodes, cables, rectifiers, and test stations where the possibility of physical damage is minimal.
- e) Minimize interference currents on neighbouring structures.
- f) Provide sufficient monitoring points so measurements can be taken to determine that the protection criterion is met on the entire surface of the tank bottom.

General Specification for Paint Works

Scope

This specification is for the painting of above ground plant including tanks, process installations, pipework and associated equipment. It is intended for use on new or previously painted structures.

Applicable Codes, Standards and Regulations

BS 1133 Section 6	Temporary Protection of Metal Surfaces against Corrosion
BS 1710	Specification for Identification of Pipelines and Services
BS 3900	Methods of Test for Paints

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BS 4652	Specification for Metallic Zinc-Rich Priming Coating (organic media)
BS 4800	Specification for Coating Colours for Building Purposes
BS 5378	Safety Signs and Colours Part 1, Part 2 and Part 3
BS 5423	Specification for Portable Fire Extinguishers
BS 5493	Code of Practice for Protective Coating of Iron and Steel Structures against Corrosion
BS 5750	Quality Systems
BS 7079	Preparation of Steel Substrates Before Application of Paints and Related Products

Painting Colour Codes

The finish colour for all items shall be as per the current applicable API/BS standards for a petroleum installation to the satisfaction of the Project Engineer and when required by the Project Engineer the EPC Contractor shall apply colour banding, warning marks, direction of flow arrows etc.

Nameplate

A corrosion resistant nameplate shall be securely fixed to each motor in a visible and accessible position. The nameplate shall indicate all the relevant data in accordance with the BS in addition to the following: -

- i. Procuring entity
- ii. Date of Manufacture

Commissioning

The systems commissioning shall comprise but not limited to the following;

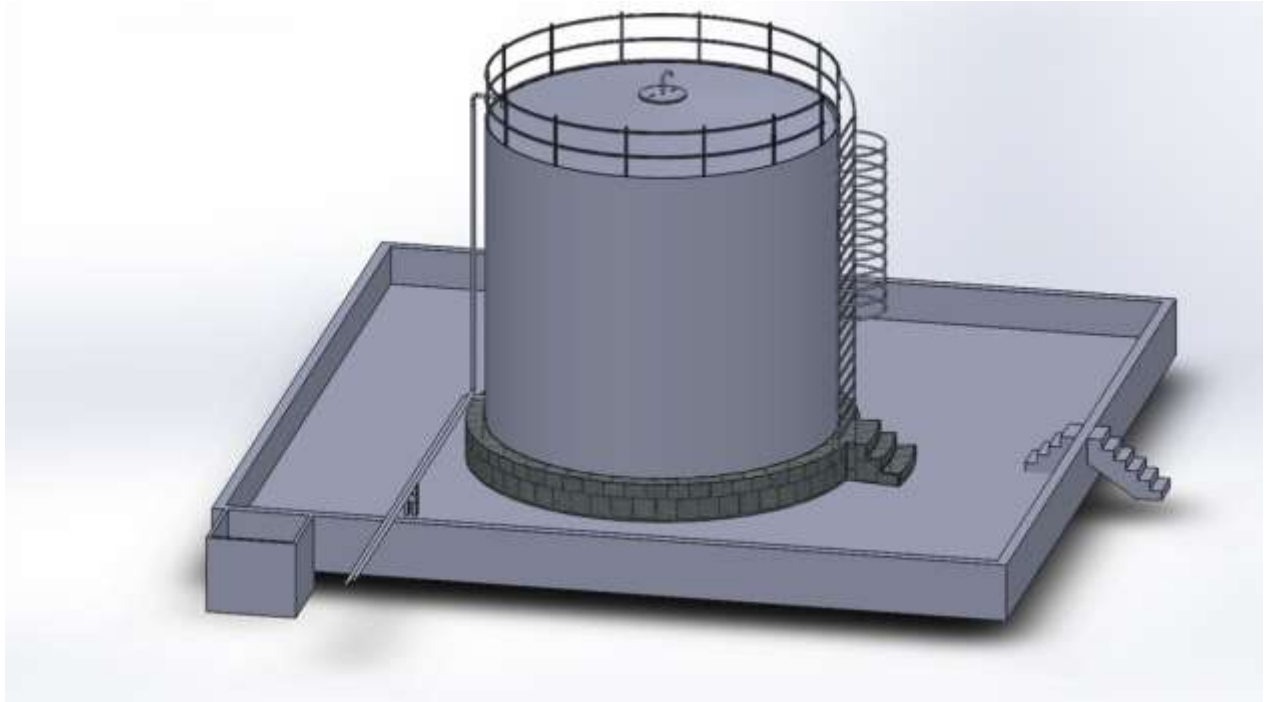
- Testing of inputs and outputs to instruments and control devices
- Device operational and verification tests of field instruments, control systems and control system integration both on Local and Remote operation modes. NDT of the tanks and pipes during construction stage.
- Tank hydro tests as per API 650, latest edition, on Hydrostatic Test Requirements
- Testing and commissioning of the Fire Fighting facilities as per relevant NFPA codes and standards.

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SECTION VIII - DRAWINGS

Attached below is a Draft photo.

The contractor shall design and develop a drawing which shall be approved by KPLC before the commencement of the works.



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SECTION IX - BILL OF QUANTITIES

Notes for preparing Bills of Quantities

1.0 The objectives of the Bills of Quantities are;

- (a) to provide sufficient information on the quantities of Works to be performed to enable tenders to be prepared efficiently and accurately; and
- (b) when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Bill of Quantities should be as simple and brief as possible.

2.0 The Bills of Quantities should be divided generally into the following sections:

(a) Preliminaries.

The preliminaries should indicate the inclusiveness of the unit prices, and should state the methods of measurement which have been adopted in the preparation of the Bill of Quantities and which are to be used for the measurement of any part of the Works.

The number of preliminary items to be priced by the tenderer should be limited to tangible items such as site office and other temporary works, otherwise items such as security for the Works which are primarily part of the Contractor's obligations should be included in the Contractor's rates.

(b) Work Items

- (i) The items in the Bills of Quantities should be grouped into sections to distinguish between those parts of the Works which by nature, location, access, timing, or any other special characteristics may give rise to different methods of construction, or

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phasing of the Works, or considerations of cost. General items common to all parts of the Works may be grouped as a separate section in the Bill of Quantities.

(ii) Quantities should be computed net from the Drawings, unless directed otherwise in the Contract, and no allowance should be made for bulking, shrinkage or waste.

Quantities should be rounded up or down where appropriate.

(iii) The following units of measurement and abbreviations are recommended for use.

Unit	Abbreviation	Unit	Abbreviation
cubic meter	m ³ or cu m	millimeter	mm
hectare	ha	month	mon
hour	hr	number	nr
kilogram	kg	square meter	m ² or sq m
lump sum	sum	square millimeter	mm ² or sq mm
meter	m	week	wk
metric ton (1,000 kg)	T		

(iv) The commencing surface should be identified in the description of each item for Work involving excavation, boring or drilling, for which the commencing surface is not also the original surface. The excavated surface should be identified in the description of each item for Work involving excavation for which the excavated surface is not also the final surface. The depths of Work should be measured from the commencing surface to the excavated surface, as defined.

(c) Daywork Schedule

A Daywork Schedule should be included if the probability of unforeseen work, outside the items included in the Bill of Quantities, is relatively high. To facilitate checking by the Employer of the realism of rates quoted by the tenderers, the Daywork Schedule should normally comprise:

- (i) a list of the various classes of labour, and materials for which basic Daywork rates or prices are to be inserted by the tenderer, together with a

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statement of the conditions under which the Contractor will be paid for Work executed on a Daywork basis; and

(ii) a percentage to be entered by the tenderer against each basic Daywork Subtotal amount for labour, materials and plant representing the Contractor's profit, overheads, supervision and other charges.

(d) Provisional Quantities and Sums

(i) Provision for quantity contingencies in any particular item or class of Work with a high expectation of quantity overrun should be made by entering specific "Provisional Quantities" or "Provisional Items" in the Bill of Quantities, and not by increasing the quantities for that item or class of Work beyond those of the Work normally expected to be required. To the extent not covered above, a general provision for physical contingencies (quantity overruns) should be made by including a "Provisional Sum" in the Summary of the Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a "Provisional Sum" in the Summary of the Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises.

(ii) Provisional sums to cover specialized works normally carried out by Nominated Sub Contractors should be avoided and instead Bills of Quantities of the specialised Works should be included as a section of the main Bills of Quantities to be priced by the Main Contractor. The Main Contractor should be required to indicate the name (s) of the specialised firms he proposes to engage to carry out the specialized Works as his approved domestic sub-contractors. Only provisional sums to cover specialized Works by statutory authorities should be included in the Bills of Quantities.

(e) Summary

The Summary should contain a tabulation of the separate parts of the Bills of Quantities carried forward, with provisional sums for Daywork, for physical (quantity) contingencies, and for price contingencies (upward price adjustment) where applicable.

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SCHEDULE OF PRICES

Notes on Pricing

1. The following Schedule of Prices has been prepared for the purpose of identifying the cost of the Works to be undertaken for the Contract and for the progress payments.
2. The Schedule of Prices only identifies major components of the structure and it does not restrict the responsibility of the Contractor to furnish all equipment, materials and services as deemed necessary by KPLC for making the project operationally complete and satisfactory as specified and/or implied in the tender document.
3. The Contractor shall quote for all items of the Works executed on basis and the prices shall be quoted for the complete scope of Work as described or implied in this tender document.
4. The Schedule of Prices has been prepared on the basis of Lump Sum items or otherwise stated. The prices given shall be verified by the Contractor as being totally inclusive of all activities required to complete the Works in accordance with the Contract and to the approval of KPLC.
5. The Contractor shall provide a detailed breakup of his Lump sum costs (where required) in a manner that the overall picture for the quoted price can be understood.
6. The Contractor shall complete the Schedule of Prices in ink and the Total Price shall include everything to be supplied, delivered and installed by the Contractor.
7. The Contractor shall submit prices for the supply and delivery to Site of all listed materials.
8. The Contractor will be expected to place orders for all materials to be purchased immediately the Contract is awarded.

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9. The rates, prices and amounts shall be entered against each item in the Schedule of Prices. Where a bidder fails to quote a price of any item of the Schedule of Prices, KPLC will consider that the price of that item is included among other items and the Contractor will be obligated to furnish that item at no extra cost to KLPC, if awarded the Contract.
10. The bidder shall be deemed to have obtained all information as to port clearance facilities and charges, loading and unloading facilities and charges, storage facilities and charges, transportation facilities and charges, congestion and/or other conditions to be expected at Mombasa Port or any other entry port and all requirements related thereto.
11. The Contractor shall be responsible to make complete arrangements for the transportation of materials and equipment to the Site. The bidder shall be deemed to have included all clearing, forwarding and other incidental costs in this regard in his bid.

SECTION IX – BILL OF QUANTITIES /PRICE SCHEDULES.**1. PRICE SCHULE FOR MANDERA POWER STATION FUEL TANK
(LOT 1)****A. Design Engineering and Other Services**

ITEM	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT PRICE (VAT EXCL)	TOTAL AMOUNT (VAT EXCL)
1.	Allow for Geotechnical Investigation Survey.	1	No		
2.	Allow for detailed design of all civil works including, but not limited to the preparation of tank foundations, excavations and backfilling, the construction of reinforced mass concrete, Allow for detailed design of all civil works including, but not limited to the excavations and backfilling and the construction of bund wall and pipelines layout and anchoring	1	No		
3.	Allow for detail design (accompanied by supporting calculations), preparation of drawings and specifications, liaison with KPLC (project engineer) for approval and all works necessary for the construction of Fuel 500m ³ above ground storage tanks, separator tank and all related auxiliaries as defined in scope of work for this tender document.	1	No		
4.	Allow for a survey of existing facilities, detail design, preparation of drawings and specifications and all other works necessary to facilitate the integration of the existing and new electrical, instrumentation and control facilities as defined in the tender document.	1	No		
5.	Allow for soils and soils resistivity surveys to allow for cathodic protection of the tank and tank	1	No		

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	accessories				
6.	Allow for the preparation of detailed operating procedures and maintenance manuals, for all equipment and plant to be supplied under the Contract.	1	No		
7.	Lump sum for any other item not detailed in the bill quantities or scope of the work and considered by the Contractor not to have been included above List and justify, otherwise will not be Payable. The items should be for the Proper functioning of the tanks. 1. 2. 3.....	1	No		
	SUB TOTAL A				

B. Procurement & Supply of Equipment & Raw Materials

ITEM	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT PRICE (VAT EXCLU)	TOTAL AMOUNT (VAT EXCLU)
1.	Allow for the supply and transportation of materials to Site for the facilities in accordance with the Contract. All engineering disciplines shall be covered in this item. <i>(Each element to be listed and priced separately)</i> <i>e.g.</i> <i>1. Product storage tanks materials</i>	1	No		

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	<p>2. Corrosion protection materials</p> <p>3. Switchgear for switching between the existing Tanks and the new tank.</p> <p>4. Control Systems hardware</p>				
2.	Allow for supply of all materials necessary to facilitate the construction of a fire fighting facility and its auxiliaries.)	1			
3.	<p>Lump sum for any other imported materials required for incorporation in the works and considered by the EPC Contractor not to be included above.</p> <p>List and justify, otherwise will not be payable. The items should be for the proper functioning of the tanks.</p> <p>1.</p> <p>2.</p> <p>3.....</p>	1			
	SUB TOTAL B				

C, Construction

ITEM	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT PRICE (VAT EXCLU)	TOTAL AMOUNT (VAT EXCLU)
1.	Allow for the civil works including, but not limited to the preparation of tank foundations, excavations and backfilling, the construction of reinforced mass concrete, pipe and equipment supports and the fabrication of structural steel pipe supports, platforms and walkways, dykes, internal roads, separator tank	1			

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	and auxiliaries, all as defined in the tender document. <i>(Each element to be listed and priced separately)</i>				
2.	Allow for the fabrication, erection, NDT testing, painting, hydrotest, calibration and commissioning of 2 No. vertical welded steel, fixed aluminium dome roof storage tanks and appurtenances (includes stairway, Pipework and pump) , all as defined in the tender document. <i>(Each element to be listed and priced separately)</i>	1			
3.	Allow for the installation of the mechanical, electrical, corrosion control, instrumentation and control works including, but not limited to: settings, installation, alignment, testing, painting & commissioning of these equipment all as defined in the tender document. <i>(Each element to be listed and priced separately)</i> e.g. 1. Valves 2. Cables 3. etc	1			
4.	Allow for construction of a complete new fire fighting facility for the proposed tanks and its auxiliaries.	1			
5.	Lump sum for any other item not detailed in the bill and considered by the EPC Contractor not to have been included above.	1			

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	<p>List and justify, otherwise will not be payable. The items should be for the proper functioning of the tanks.</p> <p>1.</p> <p>2.</p>				
	SUBTOTAL C	1			

D, Training and Development

ITEM	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT PRICE (VAT EXCLU)	TOTAL AMOUNT (VAT EXCLU)
1.	Allow for equipment training of KPLC Staff	1			
	SUBTOTAL D				

SUMMARY SHEET SCHEDULE OF PRICES (LOT 1)

ITEM	DESCRIPTION	TOTAL COST VAT EXCL. (Ksh)
1.	PART 'A' – Design Engineering and Other Services	
2.	PART 'B' – Supply of Materials	
3.	PART 'C' – Construction	
4.	PART 'D' - Training and Development	
	TOTAL COST VAT EXCL. (Ksh)	
	16% VAT	
	TOTAL COST VAT INCL. (Ksh)	

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2. PRICE SCHULE FOR LODWAR POWER STATION FUEL TANK- (LOT 2)

A. Design Engineering and Other Services

ITEM	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT PRICE (VAT EXCLU)	TOTAL AMOUNT (VAT EXCLU)
1	Allow for Geotechnical Investigation Survey.	1	No		
2	Allow for detailed design of all civil works including, but not limited to the preparation of tank foundations, excavations and backfilling, the construction of reinforced mass concrete, Allow for detailed design of all civil works including, but not limited to the excavations and backfilling and the construction of bund wall and pipelines layout and anchoring	1	NO		
3	Allow for detail design (accompanied by supporting calculations), preparation of drawings and specifications, liaison with KPLC (project engineer) for approval and all works necessary for the construction of Fuel 500m ³ above ground storage tanks, separator tank and all related auxiliaries as defined in scope of work for this tender document.	1	NO		
4	Allow for a survey of existing facilities, detail design, preparation of drawings and specifications and all other works necessary to facilitate the integration of the existing and new electrical, instrumentation and control facilities as defined in the tender document.	1	NO		
5	Allow for soils and soils resistivity surveys to allow for cathodic protection of the tank and tank accessories	1	NO		

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6	Allow for the preparation of detailed operating procedures and maintenance manuals, for all equipment and plant to be supplied under the Contract.	1	No		
7	Lump sum for any other item not detailed in the bill quantities or scope of the work and considered by the Contractor not to have been included above List and justify, otherwise will not be Payable. The items should be for the Proper functioning of the tanks. 1. 2. 3.....	1	NO		
	SUB TOTAL A				

B. Procurement & Supply of Equipment & Raw Materials

ITEM	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT PRICE (VAT EXCLU)	TOTAL AMOUNT (VAT EXCLU)
1.	Allow for the supply and transportation of materials to Site for the facilities in accordance with the Contract. All engineering disciplines shall be covered in this item. <i>(Each element to be listed and priced separately)</i> <i>e.g.</i> <i>1. Product storage tanks materials</i> <i>2. Corrosion protection materials</i> <i>3. Switchgear for switching between the</i>	1	NO		

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	<p><i>existing</i></p> <p><i>Tanks and the new tank.</i></p> <p><i>4. Control Systems hardware</i></p>				
2.	Allow for supply of all materials necessary to facilitate the construction of a firefighting facility and its auxiliaries.)	1			
3.	<p>Lump sum for any other imported materials required for incorporation in the works and considered by the EPC Contractor not to be included above.</p> <p>List and justify, otherwise will not be payable. The items should be for the proper functioning of the tanks.</p> <p>1.</p> <p>2.</p> <p>3.....</p>	1			
	SUB TOTAL B				

C. Construction

ITEM	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT PRICE (VAT EXCLU)	TOTAL AMOUNT (VAT EXCLU)
1.	Allow for the civil works including, but not limited to the preparation of tank foundations, excavations and backfilling, the construction of reinforced mass concrete, pipe and equipment supports and the fabrication of structural steel pipe supports, platforms and walkways, dykes, internal roads, separator tank and auxiliaries, all as defined in the tender document.	1			

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	<i>(Each element to be listed and priced separately)</i>				
2.	<p>Allow for the fabrication, erection, NDT testing, painting, hydrotest, calibration and commissioning of 2 No. vertical welded steel, fixed aluminium dome roof storage tanks and appurtenances (includes stairway, Pipework and pump) , all as defined in the tender document.</p> <p><i>(Each element to be listed and priced separately)</i></p>	1			
3.	<p>Allow for the installation of the mechanical, electrical, corrosion control, instrumentation and control works including, but not limited to: settings, installation, alignment, testing, painting & commissioning of these equipment all as defined in the tender document.</p> <p><i>(Each element to be listed and priced separately)</i></p> <p>e.g.</p> <p style="padding-left: 40px;">1. Valves</p> <p style="padding-left: 40px;">2. Cables</p> <p style="padding-left: 40px;">3.</p> <p style="padding-left: 40px;">etc</p>	1			
4.	Allow for construction of a complete new fire fighting facility for the proposed tanks and its auxiliaries.	1			
5.	<p>Lump sum for any other item not detailed in the bill and considered by the EPC Contractor not to have been included above.</p> <p>List and justify, otherwise will not be payable. The items should be for the proper functioning of the</p>	1			

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	tanks. 1. 2.				
	SUBTOTAL C	1			

D. Training and Development

ITEM	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT PRICE (VAT EXCLU)	TOTAL AMOUNT (VAT EXCLU)
1.	Allow for equipment training of KPLC Staff	1			
	SUBTOTAL D				

SUMMARY SHEET SCHEDULE OF PRICES (LOT 2)

ITEM	DESCRIPTION	TOTAL COST VAT EXCL. (Ksh)
1.	PART 'A' – Design Engineering and Other Services	
2.	PART 'B' – Supply of Materials	
3.	PART 'C' – Construction	
4.	PART 'D' - Training and Development	
	TOTAL COST VAT EXCL. (Ksh)	
	16% VAT	
	TOTAL COST VAT INCL. (Ksh)	

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	<u>Grand totals</u>	<u>Total Price VAT Exc</u>
<u>1</u>	Mandera Power Station(LOT 1)	
<u>2</u>	Lodwar Power station (LOT 2)	
	Total Price VAT Excl. (Ksh)	
	16% VAT	
	Total Price VAT Incl. (Ksh)	

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SECTION X - SUMMARY OF EVALUATION PROCESS

Evaluation of duly submitted tenders will be conducted along the following three main stages: -

6.1 Part I - Preliminary Evaluation Criteria Under Clause 3.35 of the ITT. These are mandatory requirements. This shall include confirmation of the following: -

6.1.1 *Submission of Tender Security - Checking its validity, whether it is Original; whether it is issued by a local bank; whether it is strictly in the format required in accordance with the sample Tender Security Form(s).*

6.1.2 *Submission of Declaration Form(s) duly completed and signed.*

6.1.3 *Submission and considering Tender Form (non – financial) duly completed and signed.*

6.1.4 *Submission and considering the following:-*

6.1.4.1 *For Local Tenderers*

- a) *Company or Firm's Registration Certificate*
- b) *PIN Certificate.*
- c) *Valid Tax Compliance Certificate.*

6.1.4.2 *For Foreign Tenderers*

- a) *Company or Firm's Registration Certificate*
- b) *PIN Certificate or its equivalent in the country of bidder or a statement from the tax authorities in the Tenderer's country of origin indicating that such certificate or its equivalent is not issued.*
- c) *Valid Tax Compliance Certificate or its equivalent in the country of bidder or a statement from the tax authorities in the Tenderer's country of origin indicating that such certificate or its equivalent is not issued.*

6.1.5 *That the Tender is valid for the period required.*

6.1.6 *Site visit form signed and stamped by authorized staff.*

6.1.7 *Valid NCA Certification for the respective Category/Class.*

6.1.9 *Submission and considering the Confidential Business Questionnaire:-*

- a) *Is fully filled.*
- b) *That details correspond to the related information in the bid.*
- c) *That the Tenderer is not ineligible as per paragraph 3.2 of the ITT.*

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- 6.1.7 *Submission and considering the Certificate of Confirmation of Directors and Shareholding (CR12) . The certificate must not be more than three (3) months old from the Date of the Tender Document. KPLC reserves the right to subject the certificate to authentication.*
- 6.1.10 *Record of unsatisfactory or default in performance obligations in any contract shall be considered. This shall include any Tenderer with unresolved case(s) in its performance obligations for more than two (2) months in any contract.*
- 6.1.11 *Power of Attorney authorizing the signatory of the Tender to commit the Tenderer in accordance with the Tender requirements.*
- 6.1.12 *Submission and checking that the Bill of Quantities is fully filled, priced, signed and stamped.*

Tenderers will proceed to the Technical Stage only if they qualify in compliance with Part 1 above, Preliminary Evaluation under clause 3.33.

6.2 Part II - Technical Evaluation under clause 3.35. It will include the following stages: -

Parts II (a) – These are mandatory requirements

6.2.1 Copy of Contractor’s Certificate of Registration for the relevant category from the National Construction Authority (**NCA 5 and above**)

6.2.2 Copy of Sub-Contractor’s Certificate of Registration for the relevant category from the National Construction Authority – **NCA 5 and above** (where applicable).

Tenderers will proceed to the next evaluation stage if they qualify in compliance with Parts II (a) above.

6.3 Part II (b) - Technical Evaluation under clause 3.35. It will include the following stages: The following will be scored.

<i>NO.</i>	<i>EVALUATION CRITERIA</i>	<i>Maximum Marks</i>
6.3.1	<p>Previous experience: Details of four (4) projects of similar nature undertaken successfully within the last 5 years, in remote regions and evidenced by letters of reference from clients, completion certificates for the respective projects. (Each completion certificate will be awarded 5 marks) (Each Recommendation letter will be awarded 5 marks)</p>	40
6.3.2	<p><i>Company’s proof of ownership of required working tools or ability to hire the same (lease deed).</i></p> <p><i>a. Lifting equipment with a tonnage capacity of not less than 7 tones--- (3mks)</i></p> <p><i>b. motor run vibrator for concrete compaction. Welding equipment for necessary welding works run by qualified technicians. (2 mks)</i></p> <p><i>c. Hydrostatic and pressure testing equipment together with qualified personnel. ----- -- (2 mks)</i></p> <p><i>d. NDT testing, a radiography machine and at least a level 2 NDT technician in radiography should be provided (3 mks)</i></p>	10
6.3.3	<p><i>i. Proposed statement of work method (methodology) accompanied by a proposed implementation plan, Gantt chart with completion date:- ----- ----7 marks</i></p> <p><i>ii. Provide correct calculations for proposed designs, proposed sketches, diagrams and brochures indicating technical specifications of products and</i></p>	15

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	<i>parts of equipment and intended works at site----- -----8 marks</i>	
6.3.4	<p><i>Qualified Technical staff in the company relevant to the civil and mechanical construction industry who will actively be involved in the proposed project. Provide employment/appointment letters, contracts of the key personnel including length of service and termination date, CV, Academic and professional certificates and evidence of registration with relevant professional bodies and Telephone contacts.</i></p> <p><i>i. Project Manager</i></p> <ul style="list-style-type: none"> <i>• Degree in Building or civil or Mechanical ... 5 marks</i> <p><i>Diploma in Building or civil or Mechanical...3 marks</i></p> <ul style="list-style-type: none"> <i>• Experience of</i> <ul style="list-style-type: none"> <i>• 5 years and above in relevant industry – 5 marks</i> <i>• Less than 5 years – 1 mark</i> <p><i>ii. Technical staff</i></p> <p><i>a. Diploma in Building, Civil or mechanical ... 5 marks;</i></p> <p><i>b. Experience of</i></p> <ul style="list-style-type: none"> <i>• 3 years and above in relevant industry – 3 marks</i> <i>• Less than 3 years – 1 mark</i> <p><i>iii. Craftsman certificate ... 3 marks</i></p> <p><i>i. Experience of</i></p> <ul style="list-style-type: none"> <i>• 5 years and above in relevant industry– 4 marks</i> <i>• Less than 5 years – 1 mark</i> 	25
6.3.5	<i>Quality assurance policy, philosophy, certification in ISO standards OHS/QMS/membership in regulatory bodies. 10 marks</i>	10
	TOTAL	100

Note:

Tenderers will proceed to the next evaluation stage if they score a minimum of 75% in Parts II (b) above.

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6.4 Part III – Financial Evaluation under clause 3.36.

6.4.1 This will include the following: -

- a) *Confirmation of the authenticity and sufficiency of the submitted Tender Security.*
- b) *Confirmation of and considering of the priced Bill of Quantities/Price Schedule duly completed and signed.*
- c) *Checking that the Tenderer has quoted prices based on all costs including duties and taxes*
- d)* *Checking submission of audited financial statements required which must be those that are reported within eighteen (18) calendar months of the date of the tender document.*
- e) *Conducting a financial comparison, including conversion of tender currencies into one common currency,*
- f) *Taking into account the cost of any deviation(s) from the tender requirements,*
- g) *Considering information submitted in the Confidential Business Questionnaire against other information in the bid including:-*
 - a) *Declared maximum value of business*
 - b) *Shareholding and citizenship for preferences where applicable.*

6.5 The Successful Tenderer shall be the one with the lowest evaluated price.

***NOTES: -**

1. For purposes of evaluation, the exchange rate to be used for currency conversion shall be the selling exchange rate prevailing on the date of tender closing provided by the Central Bank of Kenya. (Visit the Central Bank of Kenya website).
2. Total tender value means the Tenderer's total tender price inclusive of Value Added Tax (V.A.T) for the services it offers to provide.
3. For companies or firms that are registered or incorporated within the last one calendar year of the Date of the Tender Document, they should submit certified copies of bank statements covering a period of at least six months prior to the date of the tender document. The copies should be certified by the Bank issuing the statements. The certification should be original.
4. The spot balance of 20% required will be that which is seen in the certified bank statements at least in any day of the month of the Date of the Tender Document.

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SECTION XI - SUPPLIER EVALUATION FORM

(This form is for information only and not to be filled in by any bidder. It is for official use by KPLC to evaluate performance of Suppliers during the contract period)

Name of Firm.....Date.....

Category of Product/Service (e.g. Conductors

Period of evaluation.....

1. COST OF SERVICE/PRODUCT	Rating guidelines				Supplier Score	Procurement Score	User Score	Comments	Totals
	Did the vendor assist in or advice on ways of reducing the costs?	YES:4	PARTIALLY :2	NO:0					10
	How closely did your final costs correspond to your expectation at the beginning of the project/tender?	YES:2	PARTIALLY :1	NO:0					10.00%
	Did the company stick to the agreed transaction/contract rates?	YES:4	PARTIALLY :2	NO:0					
									Totals
2.ON TIME DELIVERY OF PRODUCT OR SERVICE									
	Did the vendor perform work in compliance with contract terms and agreements?	YES:6	PARTIALLY :3	NO:0					10
	Was the vendor prompt and effective in correction of situations and conditions?	YES:2	PARTIALLY :1	NO:0					10.00%
	Are you able to track service level agreements and determine duration of incidents from the vendor?	YES:2	PARTIALLY :1	NO:0					
									Totals
3. FLEXIBILITY TO RESPOND TO UNEXPECTED DEMAND OF SERVICE									
	Was the vendor willing to change their product/service on special needs?	YES:6	PARTIALLY :3	NO:0					6
									6.00%
4. QUALITY									Totals
	When performing their duties, was there - rework or returns caused by non-conformance to quality?	NO:6	PARTIALLY :3	YES:0					14
	Was the quality of service delivered equal to KPLC minimum requirements?	YES:8	PARTIALLY :4	NO:0					14.00%
5.RESPONSIVENESS									Totals
	Was the vendor well responsive to information requests, issues, or problems that arose in the course of service?	YES:2	PARTIALLY :1	NO:0					14
	Was the vendor open to feedback on low quality of service levels and willing to act on this?	YES:6	PARTIALLY :3	NO:0					14.00%
	Is it easy to reach staff members of suppliers in case of a request or query? (are communication channels clear?)	YES:6	PARTIALLY :3	NO:0					
6. CUSTOMER									Totals

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SUPPORT									
	Did the vendor offer effective customer support?	YES:10	PARTIALLY:4	NO:0					18
	In case of reported problems/issues, were there follow ups by the vendor to ensure the problem is fully resolved during support?	YES:8	PARTIALLY:4	NO:0					18.00%
7. COMMUNICATION SKILLS	Rating guidelines								Totals
	Are you satisfied with the attitude, courtesy, and professionalism of this vendor's staff? Written or spoken?	YES:2	PARTIALLY:1	NO:0					6
	Are the vendor's staff well equipped and skilled in handling requests / issues? Are you rotated too much among staff on an issue?	YES:4	PARTIALLY:2	NO:0					6.00%
8. DOCUMENTATION AND ACCOUNTING	Rating guidelines								Totals
	Are you satisfied with how the Vendor presents documentation (invoices & licenses etc) when required to do so, to necessitate finalization of contract renewals and payments?	YES:6	PARTIALLY:3	NO:0					10
	Was problem documentation (incident reports) presented promptly by the vendor and was it complete?	YES:4	PARTIALLY:2	NO:0					10.00%
9. VALUE ADD	Rating guidelines								Totals
	Did the vendor go over and above in optimizing service delivery process for effective services delivery?	YES:6	PARTIALLY:3	NO:0					12
	Did the vendor go over and above and offer training or knowledge to assist with better systems support?	YES:6	PARTIALLY:3	NO:0					12.00%
									Totals Score:
Totals									100.0
Maximum Score								100.	100.00%
VENDOR'S TOTAL SCORE									
VENDOR'S PERCENTAGE SCORE									
ISSUES FOR FOLLOW UP -									
Evaluation Done by:		Name			Department			Date	
Checked/Validated by									

Score in Percentage %

PERFORMANCE LEVEL DEFINATION;

- ≥75% - KP1 GREEN
- 50% - KP2 AMBER
- 25% - KP3 YELLOW
- ≥25% - KP4 RED

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

RATING: 75% - V Good, 50% - Good, 25% - Fair, Below 25% - Poor

RECOMMENDATION

		Status	Tick as appropriate
1	Grant supplier preferred status	KP1	
2	Work with supplier or develop and improve supplier	KP2 & KP3	
3	Abandon / switch suppliers	KP4	

Name:.....Sign:.....Date:.....

Name:.....Sign:.....Date:.....

Name:.....Sign:.....Date:.....

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

SECTION XII - STANDARD FORMS

- (i) Form of Tender
- (ii) Confidential Business Questionnaire
- (iii) Tender Security Form (Bank Guarantee)
- (iv) Tender Security Form (Letter of Credit)
- (v) Tender Security Form (Sacco Society, Micro Finance, Enterprise Fund)
- (vi) Declaration Form
- (vii) Letter of notification of award
- (viii) Letter of notification of regret
- (ix) Contract Agreement Form
- (x) Performance Security Form (Bank Guarantee)
- (xi) Performance Security Form (LC)
- (xii) Letter of Acceptance
- (xiii) Qualification Information
- (xiv) Site Visit Form

(i) - TENDER FORM

Date:.....

Tender No.....

To:

The Kenya Power & Lighting Company Limited,
 Stima Plaza,
 Kolobot Road, Parklands,
 P.O Box 30099 – 00100,
Nairobi, Kenya.

Ladies and Gentlemen,

1. Having read, examined and understood the Tender Document including all Addenda, the receipt of which is hereby duly acknowledged, we, the undersigned Tenderer, offer to supply, deliver, install and commission (*the latter two where applicable*) (*insert goods description*) in accordance and conformity with the said tender document for the sum of(*total tender amount inclusive of all taxes in words and figures*) or such sums as may be ascertained in accordance with the Price Schedule attached herewith and made part of this Tender.
2. We undertake, if our Tender is accepted, to deliver, install and commission the goods in accordance with the delivery schedule specified in the Schedule of Requirements.
3. If our Tender is accepted, we will obtain the performance security of a licensed commercial bank in Kenya in a sum equivalent to ten percent (10%) of the contract price for the due performance of the contract, in the form(s) prescribed by The Kenya Power & Lighting Company Limited.
- 4.* We agree to abide by this Tender for a **period of.....days (Tenderer please indicate validity of your tender)** from the date fixed for tender opening as per the Tender Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. This Tender, together with your written acceptance thereof and your notification of award, shall not constitute a contract, between us. The contract shall be formed between us when both parties duly sign the written contract.

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

6. We understand that you are not bound to accept any Tender you may receive.

Yours sincerely,

Name of Tenderer

Signature of duly authorised person signing the Tender

Name and Designation of duly authorised person signing the Tender

Stamp or Seal of Tenderer

***NOTES:**

1. KPLC requires a validity period of at least One Hundred and Twenty (120) days.
2. This form must be duly completed, signed, stamped and/or sealed.

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

(ii) – CONFIDENTIAL BUSINESS QUESTIONNAIRE FORM

All Tenderers are requested to give the particulars indicated in Part 1 and either Part 2 (a), 2 (b) or 2 (c) whichever applies to your type of business. Youth, Persons with disabilities and Women shall in addition complete part 2(d). Tenderers are advised that it is a serious offence to give false information on this form.

<p>Part 1 – General</p> <p>Business Name.....</p> <p>Location of business premises.....</p> <p>Plot No.Street/ Road</p> <p>Postal Address Postal Code</p> <p>Tel No.....</p> <p>Facsimile.....</p> <p>Mobile and CDMA No.....</p> <p>E-mail:.....</p> <p>Nature of your business</p> <p>Registration Certificate No.....</p> <p>Maximum value of business which you can handle at any time KSh.....</p> <p>Name of your BankersBranch... ..</p> <p>*Names of Tenderer’s contact person(s)</p> <p>Designation of the Tenderer’s contact person(s)</p> <p>Address, Tel, Fax and E-mail of the Tenderer’s contact person(s)</p> <p>.....</p> <p>.....</p>
--

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

Part 2 (a) Sole Proprietor

Your name in full

NationalityCountry of origin

Part 2 (b) Partnership

Give details of partners as follows: -

Names	Nationality	Shares (%)
1.....		
2.....		
3.....		
4.....		
5.....		

Part 2 (c) Registered Company

Private or Public

State the nominal and issued capital of company-

*Nominal in KSh.

*Total Issued KSh.

Give details of all directors as follows

Name	Nationality	Shares (%)
1.....		
2.....		
3.....		
4.....		

Part 2 (d) Registered Youth, Women and Persons with Disabilities

Give details of members as follows: -

Names	Nationality	Age	Gender	Shares (%)
1.....				
2.....				
3.....				
4.....				
5.....				

Name of duly authorized person to sign for and on behalf of the Tenderer

Designation of the duly authorized person.....

Signature of the duly authorized person.....

***NOTES TO THE TENDERERS ON THE QUESTIONNAIRE**

1. *The address and contact person of the Tenderer provided above shall at all times be used for purposes of this tender.*
2. *The details on this Form are essential and compulsory for all Tenderers. **Failure to provide all the information requested shall lead to the Tenderer's disqualification.***
3. *For foreign Tenderers please give the details of nominal and issued share capital in the currency of the country of origin of the Tenderer.*

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

(iii) - TENDER SECURITY FORM – (BANK GUARANTEE)

(To Be Submitted On Bank’s Letterhead)

Date:

To:

The Kenya Power & Lighting Company Limited,
Stima Plaza,
Kolobot Road, Parklands,
P.O Box 30099 – 00100,
Nairobi, Kenya.

WHEREAS (*name of the Tenderer*)
(*hereinafter called “the Tenderer”*) has submitted its Tender dated for the
supply, installation and commissioning of..... (*please insert*
KPLC tender no. and name) (*hereinafter called “the Tender”*);

KNOW ALL PEOPLE by these presents that
WE.....ofhaving our registered
office at.....(*hereinafter called “the Bank”*), are bound unto The
Kenya Power and Lighting Company Limited (*hereinafter called “KPLC” which*
expression shall where the context so admits include its successors-in-title and
assigns) in the sum of for which payment well and
truly to be made to the said KPLC, the Bank binds itself, its successors, and assignees
by these presents.

We undertake to pay you, upon your first written demand declaring the Tenderer to be
in breach of the tender requirements and without cavil or argument, the entire sum of
this guarantee being (*amount of guarantee*) as aforesaid, without
you needing to prove or to show grounds or reasons for your demand or the sum
specified therein.

This tender guarantee will remain in force up to and including thirty (30) days after
the period of tender validity, and any demand in respect thereof should reach the Bank
not later than the date below.

This guarantee is valid until theday of.....20.....

EITHER

SEALED with the)
COMMON SEAL)

*For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar
and Mandera stations*

of the said **BANK**) _____
 thisday) **BANK SEAL**
 of20....)
)
 in the presence of :-)
)
 _____)
)
 and in the presence of:-)
)
 _____)

OR

SIGNED by the **DULY AUTHORISED REPRESENTATIVE(S)/ ATTORNEY(S)** of the **BANK**

 Name(s) and Designation of duly authorised representative(s)/ attorney(s) of the Bank

 Signature(s) of the duly authorised person(s)

NOTES TO TENDERERS AND BANKS

1. *Please note that no material additions, deletions or alterations regarding the contents of this Form shall be made to the Tender Security to be furnished by the Tenderer. If any are made, the Tender Security shall not be accepted and shall be rejected by KPLC. For the avoidance of doubt, such rejection will be treated as non-submission of the Tender Security where such Security is required in the tender.*

2. *It is the responsibility of the Tenderer to sensitize its issuing bank on the need to respond directly and expeditiously to queries from KPLC. The period for response shall not exceed three (3) days from the date of KPLC's query. Should there be no conclusive response by the Bank within this period, such Tenderer's Tender Security shall be deemed as invalid and the bid rejected.*

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Manderla stations

3. *The issuing bank should address its response or communication regarding the bond to KPLC at the following e-mail address – “guarantees@kplc.co.ke”*
4. *The Tender validity period is one hundred and twenty (120) days as set out in the Invitation to Tender (at Section I of the Tender document) or as otherwise may be extended by KPLC. Therefore the Tender Security must at all times be valid for at least 30 days beyond the tender validity period.*

(iv) - TENDER SECURITY – (LETTERS OF CREDIT)

The Mandatory Conditions to be included in the Letters are in two parts, A and B.

Part A

Form of Documentary credit - “Irrevocable Standby”

Applicable rules - “Must be UCP Latest Version” i.e. UCP 600 (2007 REVISION) ICC Publication No. 600.

Place of expiry - At the counters of the advising bank.

The SBLC should be available – “By Payment”

Drafts should be payable at - “SIGHT”

Documents required -

1. Beneficiary’s signed and dated statement demanding for payment under the letter of credit no..... (Insert LC No.) as.....(Name of applicant) (hereinafter called the “Tenderer”) indicating that the “Tenderer” has defaulted in the obligations of the Tenderer as stated by the Beneficiary.
2. The Original Letter of Credit and all amendments, if any.

Additional Conditions -

1. All charges levied by any bank that is party to this documentary credit are for the account of the applicant.
2. There should be no conditions requiring compliance with the specific regulations or a particular country’s Law and regulations.

Charges - All bank charges are for the account of the applicant.

*Confirmation instructions – (See notes below)

Part B

The proceeds of these Letters are payable to KPLC -

- a) if the Tenderer withdraws its Tender after the deadline for submitting Tenders but before the expiry of the period during which the Tenders must remain valid.
- b) if the Tenderer rejects a correction of an arithmetic error
- c) if the Tenderer fails to enter into a written contract in accordance with the Tender Document

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

- d) if the successful Tenderer fails to furnish the performance security in accordance with the Tender Document.
- e) if the Tenderer fails to extend the validity of the tender security where KPLC has extended the tender validity period in accordance with the Tender Document.

NOTES TO TENDERERS AND BANKS.

1. *Please note that should the Tender Security (LC) omit any of the above conditions the LC shall not be accepted and shall be rejected by KPLC. For the avoidance of doubt, such rejection will be treated as non-submission of the LC where such LC is required in the Tender.*
2. *It is the responsibility of the Tenderer to sensitize its issuing bank on the need to respond directly and expeditiously to any queries from KPLC. The period for response shall not exceed three (3) days from the date of KPLC's query. Should there be no conclusive response by the Bank within this period, such Tenderer's Tender Security shall be deemed as invalid and the bid rejected.*
3. ***The issuing bank should address its response or communication regarding the bond to KPLC at the following e-mail address – “guarantees@kplc.co.ke”***
4. *The Tender validity period is one hundred and twenty (120) days as set out in the Invitation to Tender (at Section I of the Tender document) or as otherwise may be extended by KPLC. Therefore the Tender Security must at all times be valid for at least 30 days beyond the tender validity period.*
5. *All Guarantees issued by foreign banks must be confirmed by a local bank in Kenya.*

(v) - TENDER SECURITY FORM (SACCO SOCIETY, DEPOSIT TAKING MICRO FINANCE INSTITUTIONS, WOMEN ENTERPRISE FUND & YOUTH ENTERPRISE FUND)

(To Be Submitted On Institutions Letterhead)

Date:

To:

The Kenya Power & Lighting Company Limited,
Stima Plaza,
Kolobot Road, Parklands,
P.O Box 30099 – 00100,
Nairobi, Kenya.

WHEREAS.....(hereinafter called “the Tenderer”) has undertaken, in pursuance of your Tender Number.....(*reference number of the Tender*) and its Tender dated(*insert Tenderer’s date of Tender taken from the Tender Form*) to supply(*description of the Goods*) (hereinafter called “the Contract);

AND WHEREAS it has been stipulated by you in the said Contract that the Tenderer shall furnish you with an Institution’s guarantee by an acceptable Institution for the sum specified therein as security for compliance of the Tenderer’s performance obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Tenderer a Guarantee;

THEREFORE WE HEREBY AFFIRM that we are Guarantors and responsible to you, on behalf of the Tenderer, up to a total of..... (*amount of the guarantee in words and figures*) and we undertake to pay you, upon your first written demand declaring the Tenderer to be in default under the Contract and without cavil or argument, any sum or sums within the limits of

(*amount of guarantee*) as aforesaid, without you needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until theday of.....20....

EITHER

SEALED with the)

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

COMMON SEAL)
of the said **INSTITUTION**)

)

thisday)

of20....)

in the presence of :-)

)

_____)

)

and in the presence of:-)

)

_____)

INSTITUTION SEAL

OR

SIGNED by the **DULY AUTHORISED REPRESENTATIVE(S)/ ATTORNEY(S)** of the **INSTITUTION**

Name(s) and Capacity(ies) of duly authorised representative(s)/ attorney(s) of the **Institution.**

Signature(s) of the duly authorised person(s)

NOTES TO SUPPLIERS AND INSTITUTIONS

1. *Please note that no material additions, deletions or alterations regarding the contents of this Form shall be made to the Tender Security to be furnished by the Tenderer. If any are made, the Tender Security shall not be accepted and shall be rejected by KPLC. For the avoidance of doubt, such rejection will be treated as non-submission of the Tender Security where such Security is required in the tender.*
2. *It is the responsibility of the Tenderer to sensitize its issuing institution on the need to respond directly and expeditiously to queries from KPLC. The period For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Manderu stations*

for response shall not exceed three (3) days from the date of KPLC's query. Should there be no conclusive response by the institution within this period, such Tenderer's Tender Security shall be deemed as invalid and the bid rejected.

- 3. *The issuing institution should address its response or communication regarding the Tender Security to KPLC at the following e-mail address – “guarantees@kplc.co.ke”***
- 4. *The Tender validity period is one hundred and twenty (120) days as set out in the Invitation to Tender (at Section I of the Tender document) or as otherwise may be extended by KPLC. Therefore the Tender Security must at all times be valid for at least 30 days beyond the tender validity period.***

(vii) - DECLARATION FORM

Date _____

To:

The Kenya Power & Lighting Company Limited,
P.O Box 30099 – 00100,
Stima Plaza, Kolobot Road, Parklands,
Nairobi,
KENYA.

Ladies and Gentlemen,

The Tenderer i.e. (full name and complete physical and postal address)_____ declare the following: -

- a) That I/ We have not been debarred from participating in public procurement by anybody, institution or person.
- b) That I/ We have not been involved in and will not be involved in corrupt and fraudulent practices regarding public procurement anywhere.
- c) That I/We or any director of the firm or company is not a person within the meaning of paragraph 3.2 of ITT (Eligible Tenderers) of the Instruction to Tenderers.
- d) That I/ We are not insolvent, in receivership, bankrupt or in the process of being wound up and is not the subject of legal proceedings relating to the foregoing.
- e) That I/We do hereby confirm that all the information given in this tender is accurate, factual and true to the best of our knowledge.
- e) That I/ We are not associated with any other Tenderer participating in this tender.

Yours sincerely,

Name of Tenderer

Signature of duly authorised person signing the Tender

Name and Designation of duly authorised person signing the Tender

Stamp or Seal of Tenderer

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

(viii) – DRAFT LETTER OF NOTIFICATION OF AWARD

To: *(Name and full address of the Successful Tenderer)*.....

Date:.....

Dear Sirs/ Madams,

RE: NOTIFICATION OF AWARD OF TENDER NO.

We refer to your Tender dated..... and are pleased to inform you that following evaluation, your Tender has been accepted as follows: -

.....
.....

This notification does not constitute a contract. The formal Contract Agreement, which is enclosed herewith shall be entered into upon expiry of fourteen (14) days from the date hereof pursuant to the provisions of the Public Procurement and Asset Disposal Act, 2015 *(or as may be amended from time to time or replaced)*.

Kindly sign, and seal the Contract Agreement. Further, initial and stamp on all pages of the documents forming the Contract that are forwarded to you with this letter. Thereafter return the signed and sealed Contract together with the documents to us within fourteen (14) days of the date hereof for our further action.

We take this opportunity to remind you to again note and strictly comply with the provisions as regards the Tender Security, Signing of Contract and Performance Security as stated in the Instructions to Tenderers.

We look forward to a cordial and mutually beneficial business relationship.

Yours faithfully,

FOR: THE KENYA POWER & LIGHTING COMPANY LIMITED

GENERAL MANAGER, SUPPLY CHAIN

Enclosures

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

(ix) – DRAFT LETTER OF NOTIFICATION OF REGRET**To:** *(Name and full address of the Unsuccessful Tenderer)*.....**Date:**

Dear Sirs/ Madams,

RE: NOTIFICATION OF REGRET IN RESPECT OF TENDER NO.
.....

We refer to your Tender dated..... and regret to inform you that following evaluation, your Tender is unsuccessful. It is therefore not accepted. The brief reasons are as follows:-

1.
2.
3. etc...

The successful bidder was _____.

However, this notification does not reduce the validity period of your Tender Security. In this regard, we request you to relook at the provisions regarding the Tender Security, Signing of Contract and Performance Security as stated in the Instructions to Tenderers.

You may collect the tender security from our *Legal Department (Guarantees Section), on the 2nd Floor, Stima Plaza, Kolobot Road, Parklands, Nairobi* only after expiry of twenty five (25) days from the date hereof on Mondays and Wednesdays ONLY between 9.00 a.m to 12.30 pm and 2.00p.m to 4.00p.m.

It is expected that by that time KPLC and the successful bidder will have entered into a contract pursuant to the Public Procurement and Asset Disposal Act, 2015 (*or as may be amended from time to time or replaced*). When collecting the Security, you will be required to produce the original or certified copy of this letter.

We thank you for the interest shown in participating in this tender and wish you well in all your future endeavours.

Yours faithfully,

FOR: THE KENYA POWER & LIGHTING COMPANY LIMITED**GENERAL MANAGER, SUPPLY CHAIN**

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

(x) - CONTRACT AGREEMENT FORM

THIS AGREEMENT made this.....day of.....**20.... BETWEEN THE KENYA POWER & LIGHTING COMPANY LIMITED**, a limited liability company duly incorporated under the Companies Act, Chapter 486 of the Laws of Kenya, with its registered office situated at Stima Plaza, Kolobot Road, Parklands, Nairobi in the Republic of Kenya and of Post Office Box Number 30099-00100, Nairobi in the Republic aforesaid (*hereinafter referred to as the "KPLC"*) of the one part,

AND

..... (*Contractor's full name and principal place of business*) a duly registered entity according to the laws of..... (*state country*) and of Post Office Box Number/Physical Address.....(*full address physical and postal of Contractor*) in the Republic aforesaid, (*hereinafter referred to as the "Contractor"*) of the other part;

WHEREAS KPLC invited tenders for certain works, that is to say for Relocation, Installation, Testing and Commissioning of 1mw Caterpillar Diesel Generator and all associated accessories /auxilliaris from Garissa to Wajir under Tender Number KP1/9A.1A/OT/015/18-19

AND WHEREAS KPLC has accepted the Tender by the Contractor for the services in the sum of (*hereinafter called "the Contract Price"*).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS: -

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract and the Tender Document.
2. Unless the context or express provision otherwise requires: -
 - a) reference to "this Agreement" includes its recitals, any schedules and documents mentioned hereunder and any reference to this Agreement or to any other document includes a reference to the other document as varied supplemented and or replaced in any manner from time to time.
 - b) any reference to any Act shall include any statutory extension, amendment, modification, re-amendment or replacement of such Act and any rule, regulation or order made thereunder.

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

- c) the Official Purchase Order shall also mean the Official Order or Local Purchase Order.
 - d) words importing the masculine gender only, include the feminine gender or (as the case may be) the neutral gender.
 - e) words importing the singular number only include the plural number and vice-versa and where there are two or more persons included in the expression the "*Contractor*" the covenants, agreements obligations expressed to be made or performed by the Contractor shall be deemed to be made or performed by such persons jointly and severally.
 - f) where there are two or more persons included in the expression the "*Contractor*" any act default or omission by the Contractor shall be deemed to be an act default or omission by any one or more of such persons.
3. In consideration of the payment to be made by KPLC to the Contractor as hereinbefore mentioned, the Contractor hereby covenants with KPLC to perform and Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract provide the services and remedy any defects thereon in conformity in all respects with the provisions of the Contract.
4. KPLC hereby covenants to pay the Contractor in consideration of the proper performance and provision of the 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.
1. The following documents shall constitute the Contract between KPLC and the Contractor and each shall be read and construed as an integral part of the Contract: -
- a) this Contract Agreement
 - b) Letter of Acceptance dated
 - a) Conditions of Contract
 - b) Special Conditions of Contract
 - c) Official Purchase Order where applicable.
 - d) Specifications
 - e) Drawings
 - h) Priced Bill of Quantities and agreed upon with KPLC.
 - i) Work program (work methods and schedule)
 - j) KPLC's Notification of Award dated.....

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mander stations

- k) Tender Form signed by the Contractor
 - l) Declaration Form signed by the Contractor/ successful Tenderer

 - m) Warranty
6. In the event of any ambiguity or conflict between the contract documents listed above, the order of precedence shall be the order in which the contract documents are listed in 5 above except where otherwise mutually agreed in writing.
7. The Commencement date shall be the working day immediately following the fulfillment of all the following: -
- a) Execution of this Contract Agreement by KPLC and the Contractor.
 - b) Issuance of the Performance Bond by the Contractor and confirmation of its authenticity by KPLC.
 - c) Issuance of the Official Order by KPLC to the Contractor.
 - d) Where applicable, Opening of the Letter of Credit by KPLC.
8. The period of contract validity shall begin from the Commencement date and end at the expiry of the Defects Liability Period.
Provided that the expiry period of the Warranty shall be as prescribed and further provided that the Warranty shall survive the expiry of the contract.
9. It shall be the responsibility of the Contractor to ensure that its Performance Security is valid at all times during the period of contract validity and further is in the full amount as contracted.
10. Any amendment, change, addition, deletion or variation howsoever to this Contract shall only be valid and effective where expressed in writing and signed by both parties.
11. No failure or delay to exercise any power, right or remedy by KPLC shall operate as a waiver of that right, power or remedy and no single or partial exercise of any other right, power or remedy.
12. Notwithstanding proper completion of performance or parts thereof, all the provisions of this Contract shall continue in full force and effect to the extent

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Manderla stations

that any of them remain to be implemented or performed unless otherwise expressly agreed upon by both parties.

13. Any notice required to be given in writing to any Party herein shall be deemed to have been sufficiently served, if where delivered personally, one day after such delivery; notices by electronic mail and facsimile shall be deemed to be served one day after the date of such transmission and delivery respectively, notices sent by post shall be deemed served seven (7) days after posting by registered post (*and proof of posting shall be proof of service*), notices sent by courier shall be deemed served two (2) days after such receipt by the courier service for Local contractors and five (5) days for Foreign contractors.
14. For the purposes of Notices, the address of KPLC shall be Company Secretary, The Kenya Power & Lighting Company Limited, 7th Floor, Stima Plaza, Kolobot Road, Post Office Box Number 30099–00100, Nairobi, Kenya, Facsimile + 254-20-3750240/ 3514485. The address for the Contractor shall be the Contractor's address as stated by it in the Confidential Business Questionnaire provided in the Tender Document.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Kenya the day and year first above written.

SIGNED for and on behalf
of **KPLC**

MANAGING DIRECTOR & CEO

and in the presence of:-

COMPANY SECRETARY

SEALED with the **COMMON SEAL**
of the **CONTRACTOR**
in the presence of:-

DIRECTOR

Affix Contractor's Seal here

For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar and Mandera stations

DIRECTOR'S FULL NAMES

and in the presence of:-

DIRECTOR/ COMPANY SECRETARY

DIRECTOR/ COMPANY SECRETARY'S FULL NAMES

DRAWN BY: -

Awuor Owiti,

Advocate,

C/o The Kenya Power & Lighting Company Limited,

7th Floor, Stima Plaza,

Kolobot Road, Parklands,

Post Office Box Number 30099-00100,

NAIROBI, KENYA,

Telephones: + 254-20-3201000/ 731

Facsimile: + 254-20-3514485/ 3750240

*For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar
and Mandera stations*

(xi) PERFORMANCE SECURITY FORM (BANK GUARANTEE)

(To Be Submitted On Bank’s Letterhead)

Date:

To:

The Kenya Power & Lighting Company Limited,
Stima Plaza,
Kolobot Road, Parklands,
P.O Box 30099 – 00100,
Nairobi, Kenya.

WHEREAS.....(hereinafter called “the Contractor”) has undertaken, in pursuance of your Tender Number.....(*reference number of the Tender*) and its Tender dated(*insert Contractor’s date of Tender taken from the Tender Form*) to supply(*description of the works*) (hereinafter called “the Contract);

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a bank guarantee by an acceptable bank for the sum specified therein as security for compliance of the Contractor’s performance obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor a guarantee;

THEREFORE WE HEREBY AFFIRM that we are Guarantors and responsible to you, on behalf of the Contractor, up to a total sum of..... (*amount of the guarantee in words and figures*) and we undertake to pay you, upon your first written demand declaring the Contractor to be in default under the Contract and without cavil or argument, any sum or sums within the limits of
(*amount of guarantee*) as aforesaid, without you needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until theday of.....20....

EITHER

SEALED with the)
COMMON SEAL)

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of the said **BANK**)
)

thisday)
)

BANK SEAL

of20....)
in the presence of :-)

_____)
)

and in the presence of:-)
)

_____)
)

OR

SIGNED by the **DULY AUTHORISED REPRESENTATIVE(S)/ ATTORNEY(S)** of the **BANK**

Name(s) and Designation of duly authorised representative(s)/ attorney(s) of the Bank

Signature(s) of the duly authorised person(s)

NOTES TO CONTRACTORS AND BANKS

1. *Please note that no material additions, deletions or alterations regarding the contents of this Form shall be made to the Performance Security Bond (the Bond) to be furnished by the successful Tenderer/ Supplier. If any are made, the Bond may not be accepted and shall be rejected by KPLC. For the avoidance of doubt, such rejection will be treated as non-submission of the Bond where such Bond is required in the tender and Contract.*

2. *KPLC shall seek authentication of the Performance Security from the issuing bank. It is the responsibility of the Contractor to sensitize its issuing bank on the need to respond directly and expeditiously to queries from KPLC. The period for response shall not exceed five (5) days from the date of KPLC's query. Should there be no conclusive response by the Bank within this period,*

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such Contractor's Performance Security may be deemed as invalid and the Contract nullified.

3. ***The issuing Bank should address its response or communication regarding the bond to KPLC at the following e-mail address – “guarantees@kplc.co.ke”***

(xii) - PERFORMANCE SECURITY (LC)

Mandatory Conditions that should appear on the Performance Security (LC).

Form of Documentary credit - “Irrevocable Standby”

Applicable rules - “Must be UCP Latest Version” i.e. UCP 600 (2007 REVISION) ICC Publication No. 600.

Place of expiry - At the counters of the advising bank.

The SBLC should be available – “By Payment”

Drafts should be payable at - “SIGHT”

Documents required -

1. Beneficiary's signed and dated statement demanding for payment under the letter of credit no..... (Insert LC No.) as.....(Name of Applicant) (hereinafter called the “Contractor”) indicating that the “Contractor” has defaulted in the performance and adherence to and performance of the contract between the Beneficiary and the Contractor.
2. The Original Letter of Credit and all amendments, if any.

Additional Conditions -

1. All charges levied by any bank that is party to this documentary credit are for the account of the Applicant.
2. (Include) that there should be no conditions requiring compliance with the specific regulations or a particular country's laws and regulations.

Charges - All bank charges are for the account of the Applicant.

Confirmation instructions – (See notes below)

NOTES TO CONTRACTORS AND BANKS

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1. *Please note that should the Performance Security (LC) omit any of the above conditions the LC shall not be accepted and shall be rejected by KPLC. For the avoidance of doubt, such rejection will be treated as non-submission of the LC where such LC is required in the tender and Contract.*

2. *KPLC may seek authentication of the Performance Security (LC) from the issuing bank. It is the responsibility of the Contractor to sensitize its issuing bank on the need to respond directly and expeditiously to queries from KPLC. The period for

response shall not exceed five (5) days from the date of KPLC's query. Should there be no conclusive response by the Bank within this period, such Contractor's Performance Security (LC) may be deemed as invalid and the Contract nullified.*

3. ***The issuing bank should address its response or communication regarding the bond to KPLC at the following e-mail address – “guarantees@kplc.co.ke”***

4. *All Guarantees issued by foreign banks must be confirmed by a local bank in Kenya.*

(xiii) - LETTER OF ACCEPTANCE

[Letter-head paper of the Employer]

_____ [date]

To: _____
[name of the Contractor]

[address of the Contractor]

Dear Sir,

This is to notify you that your Tender dated _____
for the execution of _____
[name of the Contract and identification number, as given in the Tender documents]
for the Contract Price of Kshs. _____ *[amount in*
figures] [Kenya Shillings _____ *(amount in words)*] in
accordance with the Instructions to Tenderers is hereby accepted.

You are hereby instructed to proceed with the execution of the said Works in
accordance with the Contract documents.

Authorized Signature

Name and Title of Signatory

Attachment : Agreement

*For construction of two cylindrical tanks with a capacity of 500,000 litres for Lodwar
and Mandera stations*

(xiv) QUALIFICATION INFORMATION**1. Individual Tenderers or Individual Members of Joint Ventures**

- 1.1 Constitution or legal status of tenderer (attach copy or Incorporation Certificate)

Place of registration: _____

Principal place of business _____

Power of attorney of signatory of tender _____

- 1.2 Total annual volume of construction work performed in the last three years

Year	Volume	
	Currency	Value
Year 1		
Year 2		
Year 3		

- 1.3 Work performed as Main Contractor on works of a similar nature and volume over the last three years. Also list details of work under way or committed, including expected completion date.

Project Name	Name of Client and contact person (Address & Telephone No.)	Type of Work performed and year of completion	Value of contract

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- 1.4 Major items of Contractor's Tools & Equipment proposed for carrying out the Works. List all information requested below. (Attach evidence of ownership or lease)

Item of Tools & Equipment	Description, Make and age (years)	Condition(new, good, poor) and number available	Owned, leased (from whom?), or to be purchased (from whom?)

- 1.5 Qualifications and experience of key personnel proposed for administration and execution of the Contract as required by Subsection 3.20 of the Instructions to Tenderer, Attach biographical data.

Bidders should provide the names of suitably qualified personnel.

1.	Title of position*
	Name
2.	Title of position*
	Name
3.	Title of position*
	Name
4.	Title of position*
	Name

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Resume for each Proposed Personnel

The data on their experience should be supplied using the Form below for each candidate.

Name of Bidder

Position		
Personnel information	Name	Date of birth
	Professional qualifications	
Present employment	Name of employer	
	Address of employer	
	Telephone	Contact (manager / personnel officer)
	Fax	E-mail
	Job title	Years with present employer

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

From	To	Company / Project / Position / Relevant technical and management experience

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1.6 Proposed Subcontractors for works

As per the requirements of Clause 3.20 of Conditions of Contract, following is a list of subcontractors and the portions of the Work to be subcontracted:

The following Subcontractors and/or manufacturers are proposed for carrying out the item of the facilities indicated. Bidders are free to propose more than one for each item

Sections of the Works	Value of Subcontract	Subcontractor (name and address)	Experience in similar work

- 1.7 Financial reports for the last three years: balance sheets, profit and loss statements, auditor's reports, etc. List below and attach copies of audited financial statements.

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- 1.8 Evidence of access to financial resources to meet the qualification requirements: cash in hand, lines of credit, etc. List below and attach copies of supportive documents.

- 1.9 Name, address and telephone, telex and facsimile numbers of banks and/or institution that may provide reference if contacted by the Employer.

- 1.10 Statement of compliance with the requirements of Clause 3.2.6 of the Instructions to Tenderers.

- 1.11 Proposed program (work method and schedule) in compliance with requirement of clause 3.6 of the Instructions to Tenderers. Descriptions, drawings and charts, as necessary, to comply with the requirements of the tendering documents.

2 Joint Ventures

- 2.1 The information listed in 1.1 – 1.10 above shall be provided for each partner of the joint venture.
- 2.2 The information required in 1.11 above shall be provided for the joint venture.
- 2.3 Attach the power of attorney of the signatory(ies) of the tender authorizing signature of the tender on behalf of the joint venture
- 2.4 Attach the Agreement among all partners of the joint venture (and which is legally binding on all partners), which shows that:
 - a) all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
 - b) one of the partners will be nominated as being in charge, authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the joint venture; and
 - c) the execution of the entire Contract, including payment, shall be done exclusively with the partner in charge

(xv) - SITE VISIT FORM

CONFIRMATION OF SITE VISIT ATTENDANCE

Name of Tenderer.....

Date of Visit.....

Name, position and signature of the Tenderer's staff visiting the site.

Name:.....

Position.....

Qualification

Signature..... Tenderer's Official Stamp.....

Site Visit conducted by Kenya Power Authorised Officer's

Name

Designation

Signature.....