



**REPUBLIC OF KENYA
MANDERA COUNTY GOVERNMENT**



TENDER DOCUMENT

FOR

**FRAMEWORK CONTRACT FOR SUPPLY AND DELIVERY OF
WATER SUPPLY MAINTENANCE MATERIALS, SPARE PARTS AND
TOOLS FOR VARIOUS WATER SUPPLY SYSTEMS (AS AND WHEN
REQUIRED)**

IN

MANDERA COUNTY

MCG/OT/05/2020-2021

AUGUST, 2020

TABLE OF CONTENTS

	INTRODUCTION
SECTION I	INVITATION FOR TENDERS
SECTION II	INSTRUCTIONS TO TENDERERS
SECTION III	CONDITIONS OF CONTRACT
	APPENDIX TO CONDITIONS OF CONTRACT
SECTION IV	STANDARD FORMS
SECTION V	SPECIFICATIONS, DRAWINGS AND BILLS OF QUANTITIES/SCHEDULE OF RATES...

INTRODUCTION

- 1.1 This standard tender document for procurement of supply of good has been prepared for use by procuring entities in Kenya in the procurement of supply of good (e.g. Buildings, Roads, Bridges, Repairs and Maintenance) which the procuring entity considers to be small and where it is not required to be open tendering.
- 1.2 The following guidelines should be observed when using the document:-
 - (a) Specific details should be furnished in the tender notice and in the special conditions of contract (where applicable). The tender document issued to tenderers should not have blank spaces or options.
 - (b) The instructions to tenderers and the General Conditions of Contract should remain unchanged. Any necessary amendments to these parts should be made through Appendix to instructions to tenderers and special conditions of contract respectively.
- 1.3 (a) Information contained in the invitation to tender shall conform to the data and information in the tender documents to enable prospective tenderers to decide whether or not to participate in the tender and shall indicate any important tender requirements
 - I. The invitation to tender shall be as an advertisement in accordance with the regulations or a letter of invitation addressed to tenderers who have been prequalified following a request for prequalification.
- 1.4 The cover of the tender document should be modified to include:-
 - II. Tender number.
 - III. Tender name.
 - IV. Name of procuring entity.
 - V. Delete name and address of PPOA.

SECTION I

INVITATION FOR TENDERS

Tender reference no. : **MCG/OT/05/2020-2021**

Tender Name: TENDER FOR FRAMEWORK CONTRACT FOR SUPPLY AND DELIVERY OF WATER SUPPLY MAINTENANCE MATERIALS, SPARE PARTS AND TOOLS FOR VARIOUS WATER SUPPLY SYSTEMS (AS AND WHEN REQUIRED)

- 1.1 The Mandera *County Government* invites sealed tenders for **TENDER FOR FRAMEWORK CONTRACT FOR SUPPLY AND DELIVERY OF WATER SUPPLY MAINTENANCE MATERIALS, SPARE PARTS AND TOOLS FOR VARIOUS WATER SUPPLY SYSTEMS (AS AND WHEN REQUIRED)**.
- 1.2 Bidders may download the bid documents free of charge from www.mandera.go.ke but they will be required to register with the **Supply chain Management** office upon submitting the tender. Bidders who download the documents and fail to register with Mandera County may have their bids not opened and/ or evaluated.
- 1.3 **Complete set of tender document (in Original and 1 Copy)** should be enclosed in a plain sealed envelope marked with the tender name and reference number and be deposited in the tender box located at the County Supply Chain Office at the County Treasury so as to be received on or **before Friday 11nd September, 2020 at 10:00 am** East African Time. The tenders will be opened soon thereafter at the procurement office in the presence of bidders representatives who wish to attend.

Addressed to:
Accounting Officers
Mandera County Government
P.O Box 13-70300
Mandera, Kenya

County Head of Supply Chain Management
FOR: ACCOUNTING OFFICERS

SECTION II
INSTRUCTIONS TO TENDERERS
TABLE OF CONTENTS

CLAUSE

1 .	GENERAL -----
2.	TENDER DOCUMENTS -----
3.	PREPARATION OF TENDERS -----
4.	SUBMISSION OF TENDERS -----
5.	TENDER OPENING AND EVALUATON -----
6.	AWARD OF CONTRACT -----

INSTRUCTIONS TO TENDERERS.

1. General
 - 1.1 The Employer as defined in the Appendix to Conditions of Contract invites tenders for Supply of good as described in the tender documents. The successful Tenderer will be expected to complete the Supply of good by the Intended Completion Date specified in the said Appendix.
 - 1.2 Tenderers shall include the following information and documents with their tenders, unless otherwise stated:
 - (a) copies of certificates of registration, and principal place of business;
 - (b) total monetary value of construction work performed for each of the last five years;
 - (c) experience in supply of good of a similar nature and size for each of the last five years, and clients who may be contacted for further information on these contracts;
 - (d) major items of construction equipment owned;
 - (e) qualifications and experience of key site management and technical personnel proposed for the Contract;
 - (f) reports on the financial standing of the Tenderer, such as profit and loss statements and auditor's reports for the last five years;
 - (g) authority to seek references from the Tenderer's bankers.
 - 1.3 The Tenderer shall bear all costs associated with the preparation and submission of his tender, and the Employer will in no case be responsible or liable for those costs.
 - 1.4 The Tenderer, at the Tenderer's own responsibility and risk, is encouraged to visit and examine the Site of the Supply of good and its surroundings, and obtain all information that may be necessary for preparing the tender and entering into a contract for construction of the Supply of good. The costs of visiting the Site shall be at the Tenderer's own expense.
 - 1.5 The procurement entity's employees, committee members, board members and their relative (spouse and children) are not eligible to participate in the tender.
 - 1.6 The price to be charged for the tender document shall not exceed Kshs.1,000/=
 - 1.7 The procuring entity shall allow the tenderer to review the tender document free of charge before purchase.
2. Tender Documents

2.1 The complete set of tender documents comprises the documents listed here below and any addenda issued in accordance with clause 2.4 herebelow:-

- (a) These instructions to Tenderers
- (b) Form of Tender
- (c) Conditions of Contract and Appendix to Conditions of Contract
- (d) Specifications
- (e) Drawings
- (f) Bills of Quantities/Schedule of Rates (whichever is applicable)
- (g) Other materials required to be filled and submitted in accordance with these Instructions and Conditions

2.2 The Tenderer shall examine all instructions, forms and specifications in the tender documents. Failure to furnish all information required by the tender documents may result in rejection of his tender.

2.3 A prospective Tenderer making inquiries of the tendering documents may notify the Employer in writing or by cable, telex or facsimile at the address indicated in the letter of invitation to tender. The Employer will respond to any request for clarification received earlier than seven [7] days prior to the deadline for submission of tenders. Copies of the Employer's response will be forwarded to all persons issued with tendering documents, including a description of the inquiry, but without identifying its source.

2.4 Before the deadline for submission of tenders, the Employer may modify the tendering documents by issuing addenda. Any addendum thus issued shall be part of the tendering documents and shall be communicated in writing or by cable, telex or facsimile to all Tenderers. Prospective Tenderers shall acknowledge receipt of each addendum in writing to the Employer.

2.5 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Employer shall extend, as necessary, the deadline for submission of tenders in accordance with clause 4.2 herebelow.

3. Preparation of Tenders

3.1 All documents relating to the tender and any correspondence shall be in English Language.

3.2 The tender submitted by the Tenderer shall comprise the following:-

- (a) The Tender;

- (b) Tender Security;
- (c) Priced Bill of Quantities/Schedule of Rates for lump-sum Contracts
- (d) Any other materials required to be completed and submitted by Tenderers.

- 3.3 The Tenderer shall fill in rates and prices for all items of the Supply of good described in the Bill of Quantities/Schedule of Rates. Items for which no rate or price is entered by the Tenderer will not be paid for when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities/Schedule of Rates. All duties, taxes and other levies payable by the Contractor under the Contract, as of 30 days prior to the deadline for submission of tenders, shall be included in the tender price submitted by the Tenderer.
- 3.4 The rates and prices quoted by the Tenderer shall not be subject to any adjustment during the performance of the Contract.
- 3.5 The unit rates and prices shall be in Kenya Shillings.
- 3.6 Tenders shall remain valid for a period of sixty (60) days from the date of submission. However in exceptional circumstances, the Employer may request that the Tenderers extend the period of validity for a specified additional period. The request and the Tenderers' responses shall be made in writing.
- 3.7 The Tenderer shall prepare one original and a copy of the documents comprising the tender documents as described in these Instructions to Tenderers.
- 3.8 The original shall be typed or written in indelible ink and shall be signed by a person or persons duly authorised to sign on behalf of the Tenderer. All pages of the tender where alterations or additions have been made shall be initialed by the person or persons signing the tender.
- 3.9 Clarification of tenders shall be requested by the tenderer to be received by the procuring entity not later than 7 days prior to the deadline for submission of tenders.
- 3.10 The procuring entity shall reply to any clarifications sought by the tenderer within 3 days of receiving the request to enable the tenderer to make timely submission of its tender.

4. Submission of Tenders

- 4.1 The tender duly filled and sealed in an envelope shall;-

- (a) be addressed to the Employer at the address provided in the invitation to tender;
- [b] bear the name and identification number of the Contract as defined in the invitation to tender; and
- [c] provide a warning not to open before the specified time and date for tender opening.

4.2 Tenders shall be delivered to the Employer at the address specified above not later than the time and date specified in the invitation to tender.

4.3 The tenderer shall not submit any alternative offers unless they are specifically required in the tender documents.

Only one tender may be submitted by each tenderer. Any tenderer who fails to comply with this requirement will be disqualified.

4.4 Any tender received after the deadline for opening tenders will be returned to the tenderer un-opened.

4.5 The Employer may extend the deadline for submission of tenders by issuing an amendment in accordance with sub-clause 2.5 in which case all rights and obligations of the Employer and the Tenderers previously subject to the original deadline will then be subject to the new deadline.

5. Tender Opening and Evaluation

5.1 The tenders will be opened in the presence of the Tenderers' representatives who choose to attend at the time and in the place specified in the invitation to tender.

5.2 The Tenderers' names, the total amount of each tender and such other details as may be considered appropriate, will be announced at the opening by the Employer. Minutes of the tender opening, including the information disclosed to those present will also be prepared by the Employer.

5.3 Information relating to the examination, clarification, evaluation and comparison of tenders and recommendations for the award of the Contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's officials, processing of tenders or award

decisions may result in the rejection of his tender.

5.4 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's representative, 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/Quotation, 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 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 forfeited.

5.5 The tender evaluation committee shall evaluate the tender within 30 days of the validity period from the date of opening the tender.

5.6 Contract price variations shall not be allowed for contracts not exceeding one year (12 months)

5.7 Where contract price variation is allowed, the valuation shall not exceed 15% of the original contract price.

5.8 Price variation requests shall be processed by the procuring entity within 30 days of receiving the request. Preference where allowed in the

evaluation of tenders shall not exceed 15%

- 5.9 To assist in the examination, evaluation, and comparison of tenders, the Employer at his discretion, may request [in writing] any Tenderer for clarification of the tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, telex or facsimile but no change in the tender price or substance of the tender shall be sought, offered or permitted.
- 5.10 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.

6. Award of Contract

- 6.1 The award of the Contract will be made to the Tenderer who has offered the lowest evaluated tender price.
- 6.2 Notwithstanding the provisions of clause 6.1 above, the Employer reserves the right to accept or reject any tender and to cancel the tendering process and reject all tenders at any time prior to the award of Contract without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the grounds for the action.
- 6.3 The Tenderer whose tender has been accepted will be notified of the award prior to expiration of the tender validity period in writing or by cable, telex or facsimile. This notification (hereinafter and in all Contract documents called the "Letter of Acceptance") will state the sum [hereinafter and in all Contract documents called the "Contract Price" which the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Supply of good by the Contractor as prescribed by the Contract. The contract shall be formed on the parties signing the contract. At the same time the other tenderers shall be informed that their tenders have not been successful.
- 6.4 The Contract Agreement will incorporate all agreements between the Employer and the successful Tenderer. It will be signed by the Employer and sent to the successful Tenderer, within 30 days following the notification of award. Within 21 days of receipt ,the successful Tenderer will sign the Agreement and return it to the Employer.
- 6.5 Within 21 days after receipt of the Letter of Acceptance, the successful Tenderer shall deliver to the Employer a Performance Security amount

stipulated in the Appendix to Conditions of Contract.

- 6.6 The parties to the contract shall have it signed within 30 days from the date of notification of contract award unless there is an administrative review request.
- 6.7 The procuring entity may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.
- 6.8 The procuring entity shall give prompt notice of the termination to the tenderers and on request give its reasons for termination within 14 days of receiving the request from any tenderer.

7. Corrupt and fraudulent practices

- 7.1 The procuring entity requires that the tenderer observes the highest standard of ethics during the procurement process and execution of the contract. A tenderer shall sign a declaration that he has not and will not be involved in corrupt and fraudulent practices.
- 7.2 The procuring entity will reject a tender if it determines that the tenderer recommended for award has engaged in corrupt and fraudulent practices in competing for the contract in question.
- 7.3 Further a tenderer who is found to have indulged in corrupt and fraudulent practices risks being debarred from participating in public procurement in Kenya.

Appendix to Instructions to Tenderers

Notes on the Appendix to the Instruction to Tenderers

1. The Appendix to instructions to tenderers is intended to assist the procuring entity in providing specific information in relation to the corresponding clause in the instructions to Tenderers and has to be prepared for each specific procurement.
2. The procuring entity should specify in the appendix information and requirements specific to the circumstances of the procuring entity, the goods to be procured and the tender evaluation criteria that will apply to the tenders.
3. In preparing the Appendix the following aspects should be taken into consideration;
 - (a) The information that specifies and complements provisions of Instruction to tenderers to be incorporated
 - (b) Amendments and/or supplements if any, to provisions of Section 2.0 as necessitated by the circumstances of the goods to be procured to be also incorporated
4. Section II should remain unchanged and can only be amended through the Appendix.
5. Clauses to be included in this part must be consistent with the public procurement law and the regulations.

Appendix to Instructions to Tenderers/General information

The following information regarding the particulars of the tender shall complement supplement or amend the provisions of the instructions to tenderers. Wherever there is a conflict between the provision of the instructions to tenderers and the provisions of the appendix, the provisions of the appendix herein shall prevail over those of the instructions to tenderers

INSTRUCTIONS TO TENDERERS REFERENCE	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
	<i>The Bidder shall submit original and a copy of the tender document, clearly marking each "ORIGINAL TENDER" and "COPY OF TENDER" on or before FRIDAY 11TH SEPTEMBER 2020 at 10.00 Am</i>

EVALUATION AND COMPARISON OF TENDERS

Evaluation and comparison of Tenders: the following evaluation criteria shall be applied notwithstanding any other requirement in the tender documents.

a) Mandatory requirements(MR)

The following requirements must be met by the tenderer failure to which the bid will be eliminated from further evaluation.

PRELIMINARY EVALUATION CRITERIA

S/ No	REQUIREMENTS	Score Mandatory	B1	B2	B3	B4	B5	B6	B7	B8
1	Dully filled and stamped confidential business questionnaire	Mandatory (Yes/No)								
2	Form of tender duly filled, signed and stamped	Mandatory (Yes/No)								
3	The form of power of attorney shall be duly filled, signed and stamped	Mandatory (Yes/No)								
4	Submit tender document in original and copy	Mandatory (Yes/No)								
5	Valid current year business permits certified by commissioner of oaths/advocates	Mandatory (Yes/No)								
6	Valid current year tax compliance certificate certified by commissioner of oaths /advocates.	Mandatory (Yes/No)								
7	Certificate of incorporation certified by commissioner of oaths/advocates.	Mandatory (Yes/No)								
8	PIN/VAT certificate from KRA certified	Mandatory								

	by commissioner of oaths/advocates	(Yes/No)								
9	CR 12 form certified by commissioner of oaths/advocates	Mandatory (Yes/No)								
10	Serialization of tender documents	Mandatory (Yes/No)								

KEY

Bidder 1: B1

Bidder 2: B2

Bidder 3: B3

Bidder 4: B4

Bidder 5: B5

Bidder 6: B6

Bidder 7: B7

Bidder 8: B8

NB: At this stage, the tender's submission will either be responsive or non-responsive. The non-responsive submission will be eliminated from the entire evaluation process and will not be considered further.

TECHNICAL EVALUATION CRITERIA SUMMARY

No.	REQUIREMENTS	Scorecard (70 Marks)	B1	B2	B3	B4	B5	B6	B7
1	Previous experience (attach 5 letters of recommendation /award)	25 Marks							
2	Attach manufacturer's authorization	10 Marks							
3	Proof of physical location (attach lease/rental agreement/valid business permit).	10 Marks							
4	Attach bank statements for the last 6 months	12 Marks							
5	Attach audited financial report for the last 2 years (2018, 2019) certified by a certified public accountant.	20 Marks							
6	Project manager with a minimum diploma in electrical engineering.	10 Marks							
7	Letter of credit facility from bank	13Marks							

a) Technical evaluations scores

This sections (technical evaluation) will be marked out of 100 and will be determined the technical scorers (TS). Note: at this stage any firm that failed to score 70 shall NOT be evaluated financially (**pass mark is 70**)

SECTION III – CONDITIONS OF CONTRACT

1. Definitions

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

“Bills of Quantities” means the priced and completed Bill of Quantities forming part of the tender[where applicable].

“Schedule of Rates” means the priced Schedule of Rates forming part of the tender [where applicable].

“The Completion Date” means the date of completion of the Supply of good as certified by the Employer’s Representative.

“The Contract” means the agreement entered into by the Employer and the Contractor as recorded in the Agreement Form and signed by the parties.

“The Contractor” refers to the person or corporate body whose tender to carry out the Supply of good 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.

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

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

“The Defects Liability Certificate” is the certificate issued by Employer’s Representative upon correction of defects by the Contractor.

“The Defects Liability Period” is the period named in the Appendix to Conditions of Contract and calculated from the Completion Date.

“Drawings” include calculations and other information provided or approved by the Employer’s Representative for the execution of the Contract.

“Employer” Includes Central or Local Government administration, Universities, Public Institutions and Corporations and is the party who employs the Contractor to carry out the Supply of good.

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

“Site” means the place or places where the permanent Supply of good are to be carried out including supply of goodhops where the same is being prepared.

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

“Employer’s Representative” is the person appointed by the Employer and notified to the Contractor for the purpose of supervision of the Supply of good.

“Specification” means the Specification of the Supply of good included in the Contract.

“Start Date” is the date when the Contractor shall commence execution of the Supply of good.

“ 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 supply of good” are supply of good designed, constructed, installed, and removed by the Contractor which are needed for construction or installation of the Supply of good.

“ A Variation” is an instruction given by the Employer’s Representative which varies the Supply of good.

“The Supply of good” are what the Contract requires the Contractor to construct, install, and turnover to the Employer.

2. Contract Documents

2.1 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) Conditions of Contract,
- (5) Specifications,
- (6) Drawings,
- (7) Bills of Quantities or Schedule of Rates [whichever is applicable]

3. Employer’s Representative’s Decisions

3.1 Except where otherwise specifically stated, the Employer’s

Representative will decide contractual matters between the Employer and the Contractor in the role representing the Employer.

4. Supply of good, Language and Law of Contract

- 4.1 The Contractor shall construct and install the Supply of good in accordance with the Contract documents. The Supply of good 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 Employer's Representative, and complete them by the Intended Completion Date.
- 4.2 The ruling language of the Contract shall be English language and the law governing the Contract shall be the law of the Republic of Kenya.

5. Safety, Temporary supply of good and Discoveries

- 5.1 The Contractor shall be responsible for design of temporary supply of good and shall obtain approval of third parties to the design of the temporary supply of good where required.
- 5.2 The Contractor shall be responsible for the safety of all activities on the Site.
- 5.3 Any thing of historical or other interest or significant value unexpectedly discovered on the Site shall be the property of the Employer. The Contractor shall notify the Employer's Representative of such discoveries and carry out the Employer's Representative's instructions for dealing with them.

6 Work Program and Sub-contracting

- 6.1 Within seven days after Site possession date, the Contractor shall submit to the Employer's Representative for approval a program showing the general methods, arrangements, order and timing for all the activities in the Supply of good.
- 6.2 The Contractor may sub-contract the Supply of good (but only to a maximum of 25 percent of the Contract Price) with the approval of the Employer's Representative. However, he shall not assign the Contract without the approval of the Employer in writing. Sub-contracting shall not alter the Contractor's obligations.

7 The site

- 7.1 The Employer shall give possession of all parts of the Site to the Contractor. The Contractor shall allow the Employer's

Representative and any other person authorised by the Employer's Representative, 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.

8 Instructions

- 8.1 The Contractor shall carry out all instructions of the Employer's Representative which are in accordance with the Contract.

9 Extension of Completion Date

- 9.1 The Employer's Representative shall extend the Completion Date if an occurrence arises which makes it impossible for completion to be achieved by the Intended Completion Date. The Employer's Representative shall decide whether and by how much to extend the Completion Date.

- 9.2 For the purposes of this clause, the following occurrences shall be valid for consideration;

Delay by:-

- (a) force majeure, or
- (b) reason of any exceptionally adverse weather conditions, or
- (c) reason of civil commotion, strike or lockout affecting any of the trades employed upon the Supply of good or any of the trades engaged in the preparation, manufacture or transportation of any of the goods or materials required for the Supply of good, or
- (d) reason of the Employer's Representative's instructions issued under these Conditions, or
- (e) reason of the contractor not having received in due time necessary instructions, drawings, details or levels from the Employer's Representative for which he specifically applied in writing on a date which having regard to the date for Completion stated in the appendix to these Conditions or to any extension of time then fixed under this clause was neither unreasonably distant from nor unreasonably close to the date on which it was necessary for him to receive the same, or
- (f) delay on the part of artists, tradesmen or others engaged by the Employer in executing work not forming part of this Contract, or
- (g) reason of delay by statutory or other services providers or similar bodies engaged directly by the Employer, or

- (h) reason of opening up for inspection of any Work covered up or of the testing or any of the Work, materials or goods in accordance with these conditions unless the inspection or test showed that the Work, materials or goods were not in accordance with this Contract, or
- (i) reason of delay in appointing a replacement Employer's Representative, or
- (j) reason of delay caused by the late supply of goods or materials or in executing Work for which the Employer or his agents are contractually obliged to supply or to execute as the case may be, or
- (k) delay in receiving possession of or access to the Site.

10 Management Meetings

- 10.1 A Contract management meeting shall be held regularly and attended by the Employer's Representative and the Contractor. Its business shall be to review the plans for the remaining Work. The Employer's Representative shall record the business of management meetings and provide copies of the record to those attending the meeting and the Employer. The responsibility of the parties for actions to be taken shall be decided by the Employer's Representative either at the management meeting or after the management meeting and stated in writing to all who attend the meeting.
- 10.2 Communication between parties shall be effective only when in writing.

11 Defects

- 11.1 The Employer's Representative 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 Employer's Representative may instruct the Contractor to search for a defect and to uncover and test any Work that the Employer's Representative 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.
- 11.2 The Employer's Representative 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 Appendix to

Conditions of Contract.

- 11.3 Every time notice of a defect is given, the Contractor shall correct the notified defect within the length of time specified by the Employer's Representative's notice. If the Contractor has not corrected a defect within the time specified in the Employer's Representative's notice, the Employer's Representative 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.

12 Bills of Quantities/Schedule of Rates

- 12.1 The Bills of Quantities/Schedule of Rates 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 rates in the Bills of Quantities/Schedule of Rates for each item. Items against which no rate is entered by the Tenderer will not be paid for when executed and shall be deemed covered by the rates for other items in the Bills of Quantities/Schedule of Rates.
- 12.2 Where Bills of Quantities do not form part of the Contract, the Contract Price shall be a lump sum (which shall be deemed to have been based on the rates in the Schedule of Rates forming part of the tender) and shall be subject to re-measurement after each stage.

13 Variations

- 13.1 The Contractor shall provide the Employer's Representative with a quotation for carrying out the variations when requested to do so. The Employer's Representative shall assess the quotation and shall obtain the necessary authority from the Employer before the variation is ordered.
- 13.2 If the Work in the variation corresponds with an item description in the Bill of Quantities/Schedule of Rates, the rate in the Bill of Quantities/Schedule of Rates shall be used to calculate the value of the variation. If the nature of the Work in the variation does not correspond with items in the Bill of Quantities/Schedule of Rates, the quotation by the Contractor shall be in the form of new rates for the relevant items of Work.
- 13.3 If the Contractor's quotation is unreasonable, the Employer's Representative may order the variation and make a change to the Contract Price, which shall be based on the Employer's Representative's own forecast of the effects of the variation on the Contractor's costs.

14 Payment Certificates and Final Account

- 14.1 The Contractor shall be paid after each of the following stages of Work listed herebelow (subject to re-measurement by the Employer's Representative of the Work done in each stage before payment is made). In case of lump-sum Contracts, the valuation for each stage shall be based on the quantities so obtained in the re-measurement and the rates in the Schedule of Rates.
- (i) Advance payment_
(percent of Contract Price,
[after Contract execution] *to be inserted by the Employer*).
 - (ii) First stage (*define stage*) _
 - (iii) Second stage (*define stage*) _
 - (iv) Third stage (*define stage*) _
 - (v) After defects liability period .
- 14.2 Upon deciding that Supply of good included in a particular stage are complete, the Contractor shall submit to the Employer's Representative his application for payment. The Employer's Representative shall check, adjust if necessary and certify the amount to be paid to the Contractor within 21 days of receipt of the Contractor's application .The Employer shall pay the Contractor the amounts so certified within 30 days of the date of issue of each Interim Certificate.
- 14.3 The Contractor shall supply the Employer's Representative with a detailed final account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Employer's Representative shall issue a Defect 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 Employer's Representative shall issue within 21 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 Employer's Representative shall decide on the amount payable to the Contractor and issue a Final Payment Certificate. The Employer shall pay the Contractor the amount so certified within 60 days of the issue of the Final Payment Certificate.
- 14.4 If the period laid down for payment to the Contractor upon each of the Employer's Representative's Certificate by the Employer has been exceeded, the Contractor shall be entitled to claim simple interest

calculated pro-rata on the basis of the number of days delayed at the Central Bank of Kenya's average base lending rate prevailing on the first day the payment becomes overdue. The Contractor will be required to notify the Employer within 15 days of receipt of delayed payments of his intentions to claim interest.

15. Insurance

15.1 The Contractor shall be responsible for and shall take out appropriate cover against, among other risks, personal injury; loss of or damage to the Supply of good, materials and plant; and loss of or damage to property.

16. Liquidated Damages

16.1 The Contractor shall pay liquidated damages to the Employer at the rate 0.001 per cent of the Contract price per day for each day that the actual Completion Date is later than the Intended Completion Date except in the case of any of the occurrences listed under clause 9.2. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's liabilities.

17. Completion and Taking Over

17.1 Upon deciding that the Work is complete the Contractor shall request the Employer's Representative to issue a Certificate of Completion of the Supply of good, upon deciding that the Work is completed.

The Employer shall take over the Site and the Supply of good within seven days of the Employer's Representative issuing a Certificate of Completion.

18. Termination

18.1 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 continuously without reasonable cause or authority from the Employer's Representative;
- (b) the Contractor is declared bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (c) a payment certified by the Employer's Representative is not paid

by the Employer to the Contractor within 30 days after the expiry of the payment periods stated in sub clauses 14.2 and 14.3 hereinabove.

- (d) the Employer's Representative gives notice that failure to correct a particular defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time.

18.2 If the Contract is terminated, the Contractor shall stop Work immediately, and leave the Site as soon as reasonably possible. The Employer's Representative shall immediately thereafter arrange for a meeting for the purpose of taking record of the Supply of good executed and materials, goods, equipment and temporary buildings on Site.

19. Payment Upon Termination

19.1 The Employer may employ and pay other persons to carry out and complete the Supply of good and to rectify any defects and may enter upon the Supply of good and use all materials on Site, plant, equipment and temporary supply of good.

19.2 The Contractor shall, during the execution or after the completion of the Supply of good under this clause, remove from the Site as and when required within such reasonable time as the Employer's Representative may in writing specify, any temporary buildings, plant, machinery, appliances, goods or materials belonging to him, and in default thereof, 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.

19.3 Until after completion of the Supply of good 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 therefor the Employer's Representative 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.

20. Corrupt Gifts and Payments of Commission

20.1 The Contractor shall not;

- (a) Offer or give or agree to give to any person in the service of the Employer any gifts 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 with the Employer or for showing or forbearing to show favour or disfavour to any person in relation to this or any other contract with the Employer.
- (b) 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 Laws of Kenya.

21. Settlement of Disputes

- 21.1 Any dispute arising out of the Contract which cannot be amicably settled between the parties shall be referred by either party 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 of the Chartered Institute of Arbitrators, Kenya branch, on the request of the applying party.

SECTION IV – APPENDIX TO CONDITIONS OF CONTRACT

THE EMPLOYER IS

Name: **GOVERNOR - Mandera County Government**
 Address: **P.O Box 13, MANDERA**

Name of Authorized Representative: **CEC – WATER, ENERGY AND ENVIRONMENT**
 Cell phone:
 E-mail:/Fax:

Name of Alternative Representative: **Chief Officer – WATER SERVICES**
 Cell phone:
 E-mail:/Fax:

The Project Manager is: **County Director – WATER SERVICES**
 Address: **P.O. BOX 13, MANDERA**
 Cell phone:

The name (and identification number) of the Contract is: **TENDER FOR FRAMEWORK CONTRACT FOR SUPPLY AND DELIVERY OF WATER SUPPLY MAINTENANCE MATERIALS, SPARE PARTS AND TOOLS FOR VARIOUS WATER SUPPLY SYSTEMS (AS AND WHEN REQUIRED)**

The works consist of: **TENDER FOR FRAMEWORK CONTRACT FOR SUPPLY AND DELIVERY OF WATER SUPPLY MAINTENANCE MATERIALS, SPARE PARTS AND TOOLS FOR VARIOUS WATER SUPPLY SYSTEMS (AS AND WHEN REQUIRED)**

The Start Date shall be **as and when required**

The following documents also form part of the Contract:

AS LISTED IN CLAUSE 2.3 OF CONDITIONS OF CONTRACT

The Site Possession Date shall be **AGREED WITH THE PROJECT MANAGER**

The Defects Liability period is **180** days

The minimum insurance covers shall be; **“ALL RISKS INSURANCE”**

The following events shall also be Compensation Events:

1. NONE (ONLY AS LISTED IN CLAUSE 24 OF THE CONDITIONS OF CONTRACT

2. _____

3. _____

4. _____

The proportion of payments retained is **0%** percent.

The Price Adjustment Clause **SHALL NOT** apply

The Performance Security shall be for the following minimum amounts equivalent as a percentage of the Contract Price **10 percent (%)**

The rate of exchange for calculation of foreign currency payments is **not applicable**

The schedule of basic rates used in pricing by the Contractor is as attached [*Contractor to attach*].

Advance Payment **SHALL NOT be** granted.

The Bidder should submit **ONLY ONE (1 NO.) ORIGINAL AND A COPY** of the tender documents as indicated in Clause 4.1 of the Instruction to Tenderers.

SECTION V– STANDARD FORM

- (i) Form of Invitation for Tenders
- (ii) Form of Tender
- (iii) Letter of Acceptance
- (iv) Form of Agreement
- (v) Form of Tender Security
- (vi) Performance Bank Guarantee
- (vii) Bank Guarantee for Advance Payment
- (viii) Qualification Information
- (ix) Tender Questionnaire
- (xi) Confidential Business Questionnaire
- (x) Statement of Foreign Currency Requirement
- (xi) Details of Sub-Contractors
- (x) Request for Review Form

FORM OF TENDER

TO: MANDERA COUNTY GOVERNMENT

_____ [Date]

REF: TENDER FOR FRAMEWORK CONTRACT FOR SUPPLY AND DELIVERY OF WATER SUPPLY MAINTENANCE MATERIALS, SPARE PARTS AND TOOLS FOR VARIOUS WATER SUPPLY SYSTEMS (AS AND WHEN REQUIRED) MCG/OT/05/2020-2021

Dear Sir,

1. In accordance with the Conditions of Contract, Specifications, Drawings and Bills of Quantities for the execution of the above named Supply of good, we, the undersigned offer to construct, install and complete such Supply of good and remedy any defects therein for the sum of Kshs. _____ [Amount in figures]/Kenya Shillings _____ [Amount in words]
2. We undertake, if our tender is accepted, to commence the Supply of good as soon as is reasonably possible after the receipt of the Project Manager's notice to commence, and to complete the whole of the Supply of good comprised in the Contract within the time stated in the Appendix to Conditions of Contract.
3. We agree to abide by this tender for 120 days from the date of submission, and it shall remain binding upon us and may be accepted at any time before that date.
4. Unless and until a formal Agreement is prepared and executed this tender together with your written acceptance thereof, shall constitute a binding Contract between us.
5. We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this _____ day of _____ 20_____

Signature _____ in the capacity of _____

duly authorized to sign tenders for and on behalf of
 _____ [Name of Employer]
 of _____ [Address of Employer]

Witness; Name _____

Address _____

Signature _____

Date _____

LETTER OF ACCEPTANCE**[letterhead 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 Supply of good
 in accordance with the Contract documents.

Authorized Signature

Name and Title of Signatory

Attachment : Agreement

FORM OF AGREEMENT

THIS AGREEMENT, made the _____ day of _____ 20____ between **MANDERA COUNTY GOVERNMENT** of[or whose registered office is situated at] **P.O BOX 13, MANDERA,KENYA** (hereinafter called “the Employer”) of the one part AND _____ of[or whose registered office is situated at]_____ (hereinafter called “the Contractor”) of the other part.

WHEREAS THE Employer is desirous that the Contractor executes **TENDER FOR FRAMEWORK CONTRACT FOR SUPPLY AND DELIVERY OF WATER SUPPLY MAINTENANCE MATERIALS, SPARE PARTS AND TOOLS FOR VARIOUS WATER SUPPLY SYSTEMS (AS AND WHEN REQUIRED) MCG/OT/05/2020-2021** (hereinafter called “the Supply of good”) located at **Mandera County** and the Employer has accepted the tender submitted by the Contractor for the execution and completion of such Supply of good and the remedying of any defects therein for the Contract Price of Kshs _____ [*Amount in figures*], Kenya Shillings _____ [*Amount in words*].

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 hereinafter referred to.
2. The following documents shall be deemed to form and shall be read and construed as part of this Agreement i.e.
 - (i) Letter of Acceptance
 - (ii) Form of Tender
 - (iii) Conditions of Contract Part I
 - (iv) Conditions of Contract Part II and Appendix to Conditions of Contract
 - (v) Specifications
 - (vi) Drawings
 - (vii) Priced Bills of Quantities
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Supply of good and remedy any defects therein in conformity in all respects with the provisions of the Contract.

4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Supply of good 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.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The common Seal of _____

Was hereunto affixed in the presence of _____

Signed Sealed, and Delivered by the said _____

Binding Signature of Employer _____

Binding Signature of Contractor _____

In the presence of (i) Name_____

Address_____

Signature_____

[ii] Name _____

Address_____

Signature_____

FORM OF TENDER SECURITY

WHEREAS(hereinafter called “the Tenderer”) has submitted his tender dated for the construction of
 (name of Contract)

KNOW ALL PEOPLE by these presents that WE having our registered office at(hereinafter called “the Bank”), are bound unto(hereinafter called “the Employer”) in the sum of Kshs..... for which payment well and truly to be made to the said Employer, the Bank binds itself, its successors and assigns by these presents sealed with the Common Seal of the said Bank this Day of20.....

THE CONDITIONS of this obligation are:

1. If after tender opening the tenderer withdraws his tender during the period of tender validity specified in the instructions to tenderers
 Or
2. If the tenderer, having been notified of the acceptance of his tender by the Employer during the period of tender validity:
 - (a) fails or refuses to execute the form of Agreement in accordance with the Instructions to Tenderers, if required; or
 - (b) fails or refuses to furnish the Performance Security, in accordance with the Instructions to Tenderers;

We undertake to pay to the Employer up to the above amount upon receipt of his first written demand, without the Employer having to substantiate his demand, provided that in his demand the Employer will note that the amount claimed by him is due to him, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This 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 said date.

 [date]

 [signature of the Bank]

 [witness]

 [seal]

PERFORMANCE BANK GUARANTEE

To: _____(Name of Employer) _____(Date)
 _____(Address of Employer)

Dear Sir,

WHEREAS _____(hereinafter called “the Contractor”) has undertaken, in pursuance of Contract No. _____ dated _____ to execute _____ (hereinafter called “the Supply of good”);

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognised bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee:

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Kshs. _____ (*amount of Guarantee in figures*) Kenya Shillings _____ (*amount of Guarantee in words*), and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of Kenya Shillings _____ (*amount of Guarantee in words*) as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change, addition or other modification of the terms of the Contract or of the Supply of good to be performed thereunder or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any change, addition, or modification.

This guarantee shall be valid until the date of issue of the Certificate of Completion.

SIGNATURE AND SEAL OF THE GUARANTOR _____

Name of Bank _____

Address _____

Date _____

BANK GUARANTEE FOR ADVANCE PAYMENT

To: _____ *[name of Employer]* _____ *(Date)*
 _____ *[address of Employer]*

Gentlemen,

Ref: _____ *[name of Contract]*

In accordance with the provisions of the Conditions of Contract of the above-mentioned Contract, We, _____ *[name and Address of Contractor]* (hereinafter called "the Contractor") shall deposit with _____ *[name of Employer]* a bank guarantee to guarantee his proper and faithful performance under the said Contract in an amount of Kshs. _____ *[amount of Guarantee in figures]* Kenya Shillings _____ *[amount of Guarantee in words]*.

We, _____ *[bank or financial institution]*, as instructed by the Contractor, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to _____ *[name of Employer]* on his first demand without whatsoever right of objection on our part and without his first claim to the Contractor, in the amount not exceeding Kshs _____ *[amount of Guarantee in figures]* Kenya Shillings _____ *[amount of Guarantee in words]*, such amount to be reduced periodically by the amounts recovered by you from the proceeds of the Contract.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Supply of good to be performed thereunder or of any of the Contract documents which may be made between _____ *[name of Employer]* and the Contractor, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

No drawing may be made by you under this guarantee until we have received notice in writing from you that an advance payment of the amount listed above has been paid to the Contractor pursuant to the Contract.

This guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until _____ *(name of Employer)* receives full payment of the same amount from the Contractor.

Yours faithfully,

Signature and Seal _____

Name of the Bank or financial institution _____

Address _____

Date _____

Witness: Name: _____

Address: _____

Signature: _____

Date: _____

CONFIDENTIAL BUSINESS QUESTIONNAIRE

You are requested to give the particulars indicated in Part 1 and either Part 2 (a), 2 (b) or 2 (c) and 2 (d) whichever applies to your type of business.

You are advised that it is a serious offence to give false information on this Form.

Part 1 – General

Business Name

Location of business premises; Country/Town.....

Plot No..... Street/Road

Postal Address..... Tel No.....

Nature of Business.....

Current Trade Licence No..... Expiring date.....

Maximum value of business which you can handle at any time: K. pound.....

Name of your bankers.....

Branch.....

Part 2 (a) – Sole Proprietor

Your name in full..... Age.....

Nationality..... Country of Origin.....

*Citizenship details

Part 2 (b) – Partnership

Give details of partners as follows:

	<i>Name in full</i>	<i>Nationality</i>	<i>Citizenship Details</i>	<i>Shares</i>
1.....				
2.....				
3.....				

Part 2(c) – Registered Company:

Private or public.....

State the nominal and issued capital of the Company-

Nominal Kshs.....

Issued Kshs.....

Give details of all directors as follows:

Name in full. Nationality. Citizenship Details*. Shares.

1.
.....

2.
.....

3.
.....

4.
.....

Part 2(d) – Interest in the Firm:

Is there any person / persons in(Name of Employer) who has interest in this firm? Yes/No.....(Delete as necessary)

I certify that the information given above is correct.

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

- Attach proof of citizenship

LETTER OF NOTIFICATION OF AWARD

Address of Procuring Entity

To: _____

RE: Tender No. _____

Tender Name _____

This is to notify that the contract/s stated below under the above mentioned tender have been awarded to you.

1. Please acknowledge receipt of this letter of notification signifying your acceptance.
2. The contract/contracts shall be signed by the parties within 30 days of the date of this letter but not earlier than 14 days from the date of the letter.
3. You may contact the officer(s) whose particulars appear below on the subject matter of this letter of notification of award.

(FULL PARTICULARS) _____

SIGNED FOR ACCOUNTING OFFICER

FORM RB 1

REPUBLIC OF KENYA
PUBLIC PROCUREMENT ADMINISTRATIVE REVIEW BOARD

APPLICATION NO.....OF.....20.....

BETWEEN

.....APPLICANT

AND

.....RESPONDENT (*Procuring Entity*)

Request for review of the decision of the..... (*Name of the Procuring Entity*) of
dated the...day of20.....in the matter of Tender No.....of
20...

REQUEST FOR REVIEW

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

- 1.
- 2.
- etc.

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

- 1.
- 2.
- etc

SIGNED(Applicant)

Dated on.....day of/...20...

FOR OFFICIAL USE ONLY

Lodged with the Secretary Public Procurement Administrative Review Board on day
 of20.....

SIGNED
 Board Secretary

FORM OF POWER OF ATTORNEY

(All bidders shall complete this form otherwise, their bids shall be considered non-responsive)

We _____ (Name of Bidder)

having our offices located in _____ (Name of Town and Building) duly
authorise

_____ (Name of person appointed to act for and on behalf
of the bidder) to act for and on our behalf on all matters pertaining to the execution of supply of good as
stipulated under

TENDER FOR FRAMEWORK CONTRACT FOR SUPPLY AND DELIVERY OF WATER SUPPLY MAINTENANCE MATERIALS, SPARE PARTS AND TOOLS FOR VARIOUS WATER SUPPLY SYSTEMS (AS AND WHEN REQUIRED)

Duly signed and delivered:

Name of appointed attorney: _____

Signature of appointed attorney: _____

Witnessed by:

1. Name of First Company Director: _____

Signature: _____

2. Name of Second Company Director: _____

Signature: _____

Company Seal:

8.5 MANUFACTURER'S AUTHORIZATION FORM

To [name of the Procuring entity]

WHEREAS[name of the manufacturer]
 who are established and reputable manufacturers of [name
 and/or description of the goods] having factories at
 [address of factory] do hereby authorize [name and address
 of Agent] to submit a tender, and subsequently negotiate and sign the
 Contract with you against tender No..... [Reference of the
 Tender] for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per the
 General Conditions of Contract for the goods offered for supply
 by the above firm against this Invitation for Tenders.

 [Signature for and on behalf of manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person who is competent

SECTION VI – SPECIFICATIONS, DRAWINGS & BILLS OF QUANTITIES

SPECIFICATIONS

Notes for preparing Specifications

- 1.0 Specifications must be drafted to present a clear and precise statement of the required standards of materials, and workmanship for tenderers to respond realistically and competitively to the requirements of the Employer and ensure responsiveness of tenders. The Specifications should require that all materials, plant, and other supplies to be permanently incorporated in the Supply of good be new, unused, of the most recent or current models, and incorporating all recent improvements in design and materials unless provided otherwise in the Contract. Where the Contractor is responsible for the design of any part of the permanent Supply of good, the extent of his obligations must be stated.
- 2.0 Specifications from previous similar projects are useful and may not be necessary to re-write specifications for every Supply of good Contract.
- 3.0 There are considerable advantages in standardizing **General Specifications** for repetitive Supply of good in recognized public sectors, such as highways, urban housing, irrigation and water supply. The General Specifications should cover all classes of workmanship, materials and equipment commonly involved in constructions, although not necessarily to be used in a particular supply of good contract. Deletions or addenda should then adapt the General Specifications to the particular Supply of good.
- 4.0 Care must be taken in drafting Specifications to ensure they are not restrictive. In the Specifications of standards for materials, plant and workmanship, existing Kenya Standards should be used as much as possible, otherwise recognized international standards may also be used.
- 5.0 The Employer should decide whether technical solutions to specified parts of the Supply of good are to be permitted. Alternatives are appropriate in cases where obvious (and potentially less costly) alternatives are possible to the technical solutions indicated in tender documents for certain elements of the Supply of good, taking into consideration the comparative specialized advantage of potential tenderers.

The Employer should provide a description of the selected parts of the Supply of good with appropriate reference to Drawings, Specifications, Bills of Quantities, and Design or Performance criteria, stating that the alternative solutions shall be at least structurally and functionally equivalent to the basic design parameters and Specifications.

Such alternative solutions shall be accompanied by all information necessary for a complete evaluation by the Employer, including drawings, design calculations, technical specifications, breakdown of prices, proposed construction methodology, and other relevant details. Technical alternatives permitted in this manner shall be considered by the Employer each on its own merits and independently of whether the tenderer has priced the item as described in the Employer's design included with the tender documents.

SPECIFICATION

TECHNICAL SPECIFICATIONS FOR WATER SUPPLY MAINTENANCE MATERIALS, PARTS, TOOLS AND EQUIPMENT

1.0 *General Provisions:*

- 1.1 All pipes and fittings shall comply in all respects with Kenya Standards for pipes and fittings
- 1.2 Supply of pipes and fittings shall be done together with a manufacturer's catalogue specifying pipe materials, pressure classes, internal and external diameters, pipe thicknesses, e.t.c.
- 1.3 All pipes and fittings shall be coded with pressure class identification marks / markings.
- 1.4 The employer may require to conduct independent testing of samples of pipes and fitting supplied or to be supplied by suppliers so as to verify quality of such pipes.
- 1.5 Consequently suppliers are required to provide the employer with samples of pipes and fittings to be supplied together with the manufacturer's catalogue to enable the employers' engineers to verify quality of materials.

2.0 *Storage and Protection of Materials*

Pipes shall be stacked on a firm base using two timber packers only under the barrel of rigid pipes such as concrete or steel. Flexible pipes such as uPVC shall be stacked closely side by side on a firm plane base so that the whole length of the barrel is uniformly supported and sockets are clear of the ground. Each succeeding layer shall be placed at right angles to the previous layers. The height of any stack shall be not more than six layers of pipes and in the case of steel, not more than two layers. Fittings and specials of any type shall be stored in a single layer only. Pipes and fittings shall at all times be adequately protected from damage during transport, storage and handling. Cracked or chipped pipes shall not be used in the permanent works. Steel and large diameter plastic pipes shall be fitted in the factory with end caps or reinforcement adequate to prevent distortion during transport, storage and handling. Plastic pipes and fittings shall be protected from direct sunshine and excessive heat. Deformed pipes and fittings shall not be used in the permanent works. Rubber rings and other pipe jointing material shall be stored under cover from direct sunshine. Granular bedding shall be stored on a firm impermeable base so that it does not become contaminated with deleterious matter.

3.0 *Pipes and Fittings*

3.1 *Steel pipes*

Steel pipes and specials for water and sewerage shall comply with BS 534. Galvanised mild steel pipes and fittings shall comply with BS 1387 Class B or "Medium Grade" and complying with ISO 65. Threading for screwed and socketed joints shall be in accordance with the requirements of BS 21.

All fittings for galvanised steel water pipework shall be galvanised heavy weight fittings in accordance with BS 1740, BS 5153 and BS 5154. All fittings shall be subject to the approval of the Engineer.

3.2 *UPVC pipes*

Un-plasticized Polyvinyl Chloride (uPVC) pressure pipe shall have outside diameters complying with ISO 161, laying lengths complying with ISO 264 and wall thicknesses complying with ISO 4065. The uPVC pipes shall comply with BS 3505 Class C (0.9 bar working pressure). Joints shall be of the spigot and integral socket type.

Fittings for use with uPVC pressure pipe shall be manufactured from either uPVC or cast iron with socketed joints and shall comply with ISO 727. Cast iron fittings shall be bitumen coated. The metal adaptor fittings shall comply with ISO 4132.

4 Valves

4.1 Gate valves

Gate valves shall conform to BS 5153 for cast iron and BS 5154 for copper alloy "valves for general purposes". All gate valves shall close in a clockwise direction and the direction of opening and closing shall be cast on the hand wheels or valve casing with the words 'OPEN' and 'CLOSE' respectively. All gate valves shall be capable of being operated manually with a maximum applied torque of 100 Nm for valves with a nominal diameter less than 450mm. The Contractor shall ensure that the gate valves supplied are fitted with appropriate thrust bearing guides and gearing to fulfil these requirements, ensuring that when reduction gearing is employed, the gear ratio shall not exceed 4:1. Isolating gate valves shall permit manual closing off of the raw water supply.

4.2 Float ball valves

Float operated valves shall comply with BS 1212 and BS 1968 and BS 2456 "specifications for float ball valves". Ball valves shall be the plastic diaphragm type or similar approved with seats to suit the working pressure of 5 bars with plastic float to BS 2456 and internal overflow.

4.3 Painting of valves

All valves shall be painted internally and externally to give the same standard of protection as for steel pipes and fittings.

5. SUPPLY AND INSTALLATION OF SUBMERSIBLE PUMPS

The Borehole Contractor shall supply and install:-

- (a) One electric submersible pump which will conform to the specification stated, for operation on 415 volt, 3-phase.
- (b) All necessary electrical equipment for the pump such as control panel with starter, ammeter, single phasing cut-out, low voltage cut-out and all necessary cables for connection.
- (c) Suitable diameter Galvanized Steel Draw pipes, class 'C' to carry water to the surface/ to water storage tank, each supplied complete with a Galvanized steel steam socket.
- (d) Low level cut-out switch
- (e) Airline 20mm galvanized steel pipe for water level measurements
- (f) Pressure gauge
- (g) The gate valves, non-return valves before the master meter
- (h) Master meter for measuring the water from the borehole.

In addition the Borehole Contractor shall carry out 24 hours test run at the completion of the works. This test has to be certified by the Project Manager.

Note on Pump Installation

The Borehole Contractor shall install the borehole pump complete with all necessary accessories.

The Borehole Contractor shall make the necessary electrical connections and include in his prices all cable, starter-panel, switches etc. required to put the pump in operation while tendering for this part of the document and return it with full description literature and performance curves for the proposed equipment together with the tender for drilling works.

The installation of the submersible pump into the borehole shall be done immediately the borehole drilling is completed, test pumped and water analyzed for suitability for human consumption. The final production pump to be installed in the newly drilled borehole shall be determined and installed as per the actual conditions encountered on completion of the drilling works. Hence the specifications given under the section of 'borehole data' are only for the purpose of quotation. After establishing the actual conditions of the drilled borehole, only the Services Engineer's approved submersible pump shall be installed.

6. ELECTRICAL WORKS

It shall be the responsibility of the Borehole Contractor to provide all electrical wiring between all items of his Contract to ensure the correct function of his equipment. The Borehole Contractor's electrical works shall start from the nearest electrical isolator which is available within the site or directly from a supplied Generating Set.

7. SUPPLY AND INSTALLATION OF GENERATOR SET

The contractor shall supply and install, a diesel powered Generating set comprising of diesel engine, alternator, control panel, automatic starting equipment, fuel tank and accessories whose technical attributes shall be as follows: -

7.1 Prime use rated power –

..... KVA as contained in the order

7.2 Engine: -

- ✓ Heavy duty Diesel Engine
- ✓ Water cooled with fresh water loop and a tropical Radiator
- ✓ Synchronous speed of up to 1,500RPM
- ✓ Mechanical speed Governor
- ✓ Heavy duty Air cartridge filter
- ✓ Cartridge Oil filter
- ✓ External Fuel filter
- ✓ Industrial Silencer
- ✓ Flexible exhaust piping up to 2.5m long
- ✓ Automatic electric starter system with starter motor, solenoid switch, Leads, Maintenance free Acid Battery and automatic Battery charging system,

7.3 Alternator: -

Alternator with synchronous and brushless automatic fast voltage regulator, maintaining the output within 2% under normal working conditions, screen protected CEE sockets, One 3 pole and another 5 pole

7.4 Panel Board: -

Panel Board made of steel sheets of appropriate thickness subjected to anti oxidizing treatment and covered with epoxy resin with protection factor and fitted with: -

- (a) Main switch/ Isolator
- (b) Automatic main circuit breaker
- (c) Metering devices to continuously measure: -
 - ✓ Phase specific as well as resultant voltages between phases
 - ✓ Phase specific as well as resultant current between phases
 - ✓ Hours run since last session as well as total hours run
- (d) Change over switches fitting positions

7.5 Protection: -

The Generator set should be equipped with automatic shutdown equipment if fatal parameters are exceeded including low oil pressure, high engine temperature and speed limit.

7.6 Mounting: -

The Engine and alternator shall be connected with a heavy duty direct elastic coupling and shall be mounted on a common rigid base frame with anti-vibration shock dampers and lifting eyes flexible for transportation. Engine, Alternator and panel shall be one integrated unit mounted on skids.

7.7 Operating Environment to be compatible with: -

- ✓ Range of operating altitudes: - 200 – 400m asl
- ✓ Average annual temperature: - 34⁰C
- ✓ Highest temperatures in hottest months: - 42⁰C
- ✓ Average 24 hour temperature: - 39⁰C
- ✓ Dust storm are normal

2020.2021FY TERM CONTRACT FOR WATER SUPPLIES MAINTENANCE INPUTS					
A. PRICING SCHEDULE FOR SUPPLY OF WATER SUPPLY MAINTENANCE MATERIALS, SPARE PARTS, TOOLS & EQUIPMENT					
Item	DESCRIPTIONS	QTY	UNITS	RATES KSHS	REMARKS
1	Generating -Sets	1	Set		
1.1	120 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.2	90 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.3	75/70 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.4	60 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.5	45 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.6	40 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.7	35 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.8	30 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.9	27 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.1	25 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.11	22.5 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.12	20 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.13	14.8 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.14	13-15 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.15	11-12.5 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.16	8-10 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.17	6-7.5 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.18	4.6-5.5 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.19	3.5-4.5 KVA Diesel powered 3 phase AC power Generator	1	Set		
1.2	2.5-3.4 KVA Diesel powered 3 phase AC power Generator	1	Set		
2	AC POWERED SUBMERSIBLE PUMP-SETS AND MOTORS				
2.1	3KW Submersible pump-sets[110-125mm in diameter]	1	Set		
2.2	4.5KW Submersible pump-sets[110-125mm in diameter]	1	Set		
2.3	5.5KW Submersible pump-sets[110-125mm in diameter]	1	Set		
2.4	7.5KW Submersible pump-sets[110-125mm in diameter]	1	Set		
2.5	9.0KW Submersible pump-sets[110-125mm in diameter]	1	Set		
2.6	11.0KW Submersible pump-sets[110-125mm in diameter]	1	Set		
2.7	13.0KW Submersible pump-sets[110-125mm in diameter]	1	Set		
2.8	15.0KW Submersible pump-sets[110-125mm in diameter]	1	Set		
2.9	3KW Submersible pump-sets[110-125mm in diameter]	1	No		
2.1	4.5KW Submersible pump-sets[110-125mm in diameter]	1	No		
2.11	5.5KW Submersible pump-sets[110-125mm in diameter]	1	No		
2.12	7.5KW Submersible pump-sets[110-125mm in diameter]	1	No		
2.13	9.0KW Submersible pump-sets[110-125mm in diameter]	1	No		

2.14	11.0KW Submersible pump-sets[110-125mm in diameter]	1	No		
2.15	13.0KW Submersible pump-sets[110-125mm in diameter]	1	No		
2.16	15.0KW Submersible pump-sets[110-125mm in diameter]	1	No		
3	3 PHASE MOTOR CONTROL PANELS COMPLETE WITH ALL RELAYS,GAUGES AND SWITCHING GEARS				
3.1	3KW 3-Phase Motor Control Panel	1	Unit		
3.2	4.5kw 3-Phase Motor control Panel	1	Unit		
3.3	<u>5.5kw 3-Phase Motor Control Panel</u>	1	Unit		
<u>3.4</u>	7.5KW 3-Phase Motor Control Panel	1	Unit		
3.5	9.0kw 3-Phase Motor control Panel	1	Unit		
3.6	<u>11.0kw 3-Phase Motor Control Panel</u>	1	unit		
3.7	13.0KW 3-Phase Motor Control Panel	1	Unit		
3.8	15.0kw 3-Phase Motor control Panel	1	Unit		
4	ELECTRICAL CABLING AND ACCESSORIES				
4.1	4mm2 3-Phase Submersible Cables	1	M		
4.2	6mm2 3-Phase Submersible Cables	1	M		
4.3	8mm2 3-Phase Submersible Cables	1	M		
4.4	10mm2 3-Phase Submersible Cables	1	M		
4.5	12mm2 3-Phase Submersible Cables	1	M		
4.6	14mm2 3-Phase Submersible Cables	1	M		
4.7	16mm2 3-Phase Submersible Cables	1	M		
4.8	20mm2 3-Phase Submersible Cables	1	M		
4.9	1.5mm2 Ordinary Electrical Cables	1	M		
4.1	2.5mm2 Ordinary Electrical Cables	1	M		
4.11	2.5mm2 Water Level Electrode Submersible Cables	1	M		
4.12	4mm2 Dual Core Amoured Cable	1	M		
4.13	6mm2 Dual Core Amoured Cable	1	M		
4.14	8mm2 Dual Core Amoured Cable	1	M		
4.15	10mm2 Dual Core Amoured Cable	1	M		
4.16	12mm2 Dual Core Amoured Cable	1	M		
4.17	14mm2 Dual Core Amoured Cable	1	M		
4.18	16mm2 Dual Core Amoured Cable	1	M		
4.19	20mm2 Dual Core Amoured Cable	1	M		
4.2	3 Phase Isolator Switches	1	No		
4.21	3 phase Manual Change- over switches	1	No		
4.22	3 phase Automatic Change-over switch 4.5KW	1	No		
4.23	3 phase Automatic Change-over switch 5.5KW	1	No		
4.24	3 phase Automatic Change-over switch 7.5KW	1	No		
4.25	3 phase Automatic Change-over switch 9.0KW	1	No		
4.26	3 phase Automatic Change-over switch 11KW	1	No		

4.27	3 phase Automatic Change-over switch 13KW	1	No		
4.28	3 phase Automatic Change-over switch 15KW	1	No		
4.29	Water proofed cable splicing kit	1	KIT		
4.3	6mm-8mm Electric Cable Connectors	1	BOX		
4.31	5.5kw 3-Phase Contactors	1	Unit		
4.32	5.5kw Water level control Relay	1	Unit		
4.33	5.5KW Overload Relay	1	Unit		
4.34	5.5 KW Phase Failure Relay	1	Unit		
4.35	Water level Relay Electrodes[Floatless]	1	PAIR		
4.36	7.5 KW 3-Phase Contactors	1	Unit		
4.37	7.5 KW Water Level Control Relays	1	Unit		
4.38	7.5 KW Overload Relays	1	Unit		
4.39	7.5 KW Phase Failure Relays	1	Unit		
4.4	9.0 KW 3 phase Contactor	1	Unit		
4.41	9.0 KW water level control Relays	1	Unit		
4.42	9.0 Overload Relays	1	Unit		
4.43	9.0 Phase Failure Relays	1	Unit		
4.44	11.0 Kw 3 Phase Contactor	1	Unit		
4.45	11.0 Kw Water level Control relays	1	Unit		
4.46	11.0 Kw Overload Relays	1	unit		
4.47	11.0 Kw Phase failure Relays	1	Unit		
4.48	13.0 Kw 3 Phase Contactor	1	Unit		
4.49	13.0 Kw Water level Control relays	1	Unit		
4.5	13.0 Kw Overload Relays	1	Unit		
4.51	13.0 Kw Phase failure Relays	1	Unit		
4.52	15.0 Kw 3 Phase Contactor	1	Unit		
4.53	15.0 Kw Water level Control relays	1	Unit		
4.54	15.0 Kw Overload Relays	1	Unit		
4.55	15.0 Kw Phase failure Relays	1	Unit		
4.56	1.5 amp Fuses	1	No		
4.57	3 amp Fuses	1	No		
4.58	5 amp Fuses	1	No		
4.59	8 amp Fuses	1	No		
4.6	10 amp Fuses	1	No		
4.61	11 amp Fuses	1	No		
4.62	13 amp Fuses	1	No		
4.63	15 amp Fuses	1	No		
4.64	18 amp Fuses	1	No		
4.65	20 amp Fuses	1	No		
4.66	25 amp Fuses	1	No		
4.67	Insulation tape	1	ROLL		
4.68	Voltmeters(415v)	1	No		
4.69	Voltmeters(220v)	1	No		

4.7	Ammeters	1	No		
4.71	Earth wire	1	M		
4.72	Earth Rod	1	No		
4.73	Electric Multi-meter	1	Set		
4.74	Pocket phase tester	1	No		
	SUB-TOTAL FOR ELEMENT NO.E			KSHS	
5	PLUMBING/PIPEFITTING & BOREHOLE ACCESSORIES				
5.1	32MM G.S Class C 6m long Draw pipes with Steam sockets	1	Length		
5.2	38MM G.S Class C 6m long Draw pipes with Steam sockets	1	Length		
5.3	50MM G.S Class C 6m long Draw pipes with Steam sockets	1	Length		
5.4	63MM G.S Class C 6m long Draw pipes with Steam sockets	1	Length		
5.5	75MM G.S Class C 6m long Draw pipes with Steam sockets	1	Length		
5.6	32 x 38mm G.S Reducing Bushes	1	No		
5.7	38 x 50mm G.S Reducing Bushes	1	No		
5.8	50 x 63mm G.S Reducing Bushes	1	No		
5.9	63 x 75mm G.S Reducing Bushes	1	No		
5.1	8" Diameter Borehole Cap	1	No		
5.11	32mm Borehole Clamp	1	No		
5.12	38mm Borehole Clamp	1	No		
5.13	50mm Borehole Clamp	1	No		
5.14	63mm Borehole Clamp	1	No		
5.15	75mm Borehole Clamp	1	No		
5.16	32mm 90° M-F G.S Elbows	1	No		
5.17	38mm 90° M-F G.S Elbows	1	No		
5.18	50mm 90° M-F G.S Elbows	1	No		
5.19	63mm 90° M-F G.S Elbows	1	No		
5.2	75mm 90° M-F G.S Elbows	1	No		
5.21	32mm GS Barrel nipple	1	No		
5.22	38mm GS Barrel nipple	1	No		
5.23	50mm GS Barrel nipple	1	No		
5.24	63mm GS Barrel nipple	1	No		
5.25	75mm GS Barrel nipple	1	No		
5.26	75x100mm Reducing Bush	1	No		
5.27	32mm GS Pipe union	1	No		
5.28	38mm GS Pipe union	1	No		
5.29	50mm GS Pipe union	1	No		
5.3	63mm GS Pipe union	1	No		
5.31	75mm GS Pipe union	1	No		
5.32	100mm GS Pipe union	1	No		
5.33	32mm master meter	1	No		

5.34	38mm master meter	1	No		
5.35	50mm master meter	1	No		
5.36	63mm master meter	1	No		
5.37	75mm master meter	1	No		
5.38	100mm master meter	1	No		
5.39	13mm GI Class A pipes, 6m long	1	Length		
5.4	13mm GI Class B pipes, 6m long	1	Length		
5.41	13mm GI Class C pipes, 6m long	1	Length		
5.42	13mm GI Class D pipes, 6m long	1	Length		
5.43	20mm GI Class A pipes, 6m long	1	Length		
5.44	20mm GI Class B pipes, 6m long	1	Length		
5.45	20mm GI Class C pipes, 6m long	1	Length		
5.46	25mm GI Class A pipe, 6m long	1	Length		
5.47	32mm GI Class A pipe, 6m long	1	Length		
5.48	38mm GI Class A pipe, 6m long	1	Length		
5.49	50mm GI Class A pipe, 6m long	1	Length		
5.5	64mm GI Class A pipe, 6m long	1	Length		
5.51	75mm GI Class A pipe, 6m long	1	Length		
5.52	100mm GI Class A pipe, 6m long	1	Length		
5.53	25mm GI Class B pipe, 6m long	1	Length		
5.54	32mm GI Class B pipe, 6m long	1	Length		
5.55	38mm GI Class B pipe, 6m long	1	Length		
5.56	50mm GI Class B pipe, 6m long	1	Length		
5.57	63mm GI Class B pipe, 6m long	1	Length		
5.58	75mm GI Class B pipe, 6m long	1	Length		
5.59	100mm GI Class B pipe, 6m long	1	Length		
5.6	25mm GI Class C pipe, 6m long	1	Length		
5.61	25mm GI Class D pipe, 6m long	1	Length		
5.62	32mm GI Class D pipe, 6m long	1	Length		
5.63	38mm GI Class D pipe, 6m long	1	Length		
5.64	50mm GI Class D pipe, 6m long	1	Length		
5.65	63mm GI Class D pipe, 6m long		Length		
5.66	75mm GI Class D pipe, 6m long	1	Length		
5.67	100mm GI Class D pipe, 6m long	1	Length		
5.68	13mm GI 90° Bend	1	No		
5.69	13mm GI 90° Elbow	1	No		
5.7	13mm GI Gate valve	1	No		
5.71	13mm GI socket	1	No		
5.72	13mm GI Union	1	No		
5.73	13mm hexagonal nipples	1	No		
5.74	13mm GI Taps	1	No		
5.75	13mm GI Valve Sockets	1	No		
5.76	13mm GI Tee Equal	1	No		

5.77	13mm GI Air Valves	1	No		
5.78	13mm GI Non-Return valve	1	No		
5.9	20mm GI 90° Bend	1	No		
5.91	20mm GI 90° Elbow	1	No		
5.92	20mm GI Gate valve	1	No		
5.93	20mm GI socket	1	No		
5.94	20mm GI Union	1	No		
5.95	20mm hexagonal nipples	1	No		
5.96	20mm GI Taps	1	No		
5.97	20mm GI Valve Sockets	1	No		
5.98	20mm GI Tee Equal	1	No		
5.99	20mm GI Air Valves	1	No		
5.1	20mm GI Non-Return valve	1	No		
5.101	25mm GI 90° Bend	1	No		
5.102	25mm GI 90° Elbow	1	No		
5.103	25mm GI Gate valve	1	No		
5.104	25mm GI socket	1	No		
5.105	25mm GI Union	1	No		
5.106	25mm hexagonal nipples	1	No		
5.107	25mm GI Taps	1	No		
5.108	25mm GI Valve Sockets	1	No		
5.109	25mm GI Tee Equal	1	No		
5.11	25mm GI Air Valves	1	No		
5.111	25mm GI Non-Return valve	1	No		
5.112	32mm GI 90° Bend	1	No		
5.113	32mm GI 90° Elbow	1	No		
5.114	32mm GI Gate valve	1	No		
5.115	32mm GI socket	1	No		
5.116	32mm GI Union	1	No		
5.117	32mm hexagonal nipples	1	No		
5.118	32mm GI Taps	1	No		
5.119	32mm GI Valve Sockets	1	No		
5.12	32mm GI Tee Equal	1	No		
5.121	32mm GI Air Valves	1	No		
5.122	32mm GI Non-Return valve	1	No		
5.123	38mm GI 90° Bend	1	No		
5.124	38mm GI 90° Elbow	1	No		
5.125	38mm GI Gate valve	1	No		
5.126	38mm GI socket	1	No		
5.127	38mm GI Union	1	No		
5.128	38mm hexagonal nipples	1	No		
5.129	38mm GI Taps	1	No		
5.13	38mm GI Valve Sockets	1	No		

5.131	38mm GI Tee Equal	1	No		
5.132	38mm GI Air Valves	1	No		
5.133	38mm GI Non-Return valve	1	No		
5.134	50mm GI 90° Bend	1	No		
5.135	50mm GI 90° Elbow	1	No		
5.136	50mm GI Gate valve	1	No		
5.137	50mm GI socket	1	No		
5.138	50mm GI Union	1	No		
5.139	50mm hexagonal nipples	1	No		
5.14	50mm GI Taps	1	No		
5.141	50mm GI Valve Sockets	1	No		
5.142	50mm GI Tee Equal	1	No		
5.143	50mm GI Air Valves	1	No		
5.144	50mm GI Non-Return valve	1	No		
5.145	63mm GI 90° Bend	1	No		
5.146	63mm GI 90° Elbow	1	No		
5.147	63mm GI Gate valve	1	No		
5	63mm GI socket	1	No		
5.149	63mm GI Union	1	No		
5.15	63mm hexagonal nipples	1	No		
5.151	63mm GI Taps	1	No		
5.152	63mm GI Valve Sockets	1	No		
5.153	63mm GI Tee Equal	1	No		
5.154	63mm GI Air Valves	1	No		
5.155	63mm GI Non-Return valve	1	No		
5.156	75mm GI 90° Bend	1	No		
5.157	75mm GI 90° Elbow	1	No		
5.158	75mm GI Gate valve	1	No		
5.159	75mm GI socket	1	No		
5.16	75mm GI Union	1	No		
5.161	75mm hexagonal nipples	1	No		
5.162	75mm GI Taps	1	No		
5.163	75mm GI Valve Sockets	1	No		
5.164	75mm GI Tee Equal	1	No		
5.165	75mm GI Air Valves	1	No		
5.166	75mm GI Non-Return valve	1	No		
5.167	100mm GI 90° Bend	1	No		
5.168	100mm GI 90° Elbow	1	No		
5.169	100mm GI Gate valve	1	No		
5.17	100mm GI socket	1	No		
5.171	100mm GI Union	1	No		
5.172	100mm hexagonal nipples	1	No		
5.173	100mm GI Taps	1	No		

5.174	100mm GI Valve Sockets	1	No		
5.175	100mm GI Tee Equal	1	No		
5.176	100mm GI Air Valves	1	No		
5.177	100mm GI Non-Return valve	1	No		
5.178	25mm repeat as per 5.68-5.77 above	1	No		
5.179	32mm repeat as per 5.68-5.77 above	1	No		
5.18	38mm repeat as per 5.68-5.77 above	1	No		
5.181	50mm repeat as per 5.68-5.77 above	1	No		
5.182	63mm repeat as per 5.68-5.77 above	1	No		
5.183	75mm repeat as per 5.68-5.77 above	1	No		
5.184	100mm repeat as per 5.68-5.77 above	1	No		
5.185	Reducing bush 25x32mm	1	No		
5.186	Reducing bush 13x20mm	1	No		
5.187	Reducing bush 20x25mm	1	No		
5.188	20mm Valve socket	1	No		
5.189	25mm Valve socket	1	No		
5.19	32mm Valve socket	1	No		
5.191	38mm Valve socket	1	No		
5.192	50mm Valve socket	1	No		
5.193	63mm Valve socket	1	No		
5.194	75mm Valve socket	1	No		
5.195	100mm Valve socket	1	No		
5.196	20mm GI Bend 90° M-F	1	No		
5.197	25mm GI Bend 90° M-F	1	No		
5.198	13mm GI Bend 90° M-F	1	No		
5.199	13mm GI Elbow 90° M-F	1	No		
5.2	20mm GI Elbow 90° M-F	1	No		
5.201	25mm GI Elbow 90° M-F	1	No		
5.202	20mm Gate valve	1	No		
5.203	25mm Gate valve	1	No		
5.204	32mm Gate valve	1	No		
5.205	38mm Gate valve	1	No		
5.206	50mm Gate valve	1	No		
5.207	63mm Gate valve	1	No		
5.208	75mm Gate valve	1	No		
5.209	100mm Gate valve	1	No		
5.21	13mm GI Unions	1	No		
5.211	20mm GI Unions	1	No		
5.212	25mm GI Unions	1	No		
5.213	32mm GI Unions	1	No		
5.214	38mm GI Unions	1	No		
5.215	50mm GI Unions	1	No		
5.216	75mm GI Unions	1	No		

5.217	100mm GI Unions	1	No		
5.218	13mm GI Sockets	1	No		
5.219	20mm GI Sockets	1	No		
5.22	25mm GI Sockets	1	No		
5.221	32mm GI Sockets	1	No		
5.222	38mm GI Sockets	1	No		
5.223	50mm GI Sockets	1	No		
5.224	63mm GI Sockets	1	No		
5.225	75mm GI Sockets	1	No		
5.226	100mm GI Sockets	1	No		
5.227	13mm UPVC Class B Pipe, 6m long	1	Length		
5.228	20mm UPVC Class B Pipe, 6m long	1	Length		
5.229	32mm UPVC Class B Pipe, 6m long	1	Length		
5.23	38mm UPVC Class B Pipe, 6m long	1	Length		
5.231	50mm UPVC Class B Pipe, 6m long	1	Length		
5.232	63mm UPVC Class B Pipe, 6m long	1	Length		
5.233	75mm UPVC Class B Pipe, 6m long	1	Length		
5.234	100mm UPVC Class B Pipe, 6m long	1	Length		
5.235	20-100mm UPVC Class C Pipe, 6m long	1	Length		
5.236	20-100mm UPVC Class D Pipe, 6m long	1	Length		
5.237	20-100mm UPVC Class E Pipe, 6m long	1	Length		
5.238	Thread Tape	1	No		
5.239	Solvent Cement	1	No		
5.24	Pipe Cleaning liquid	1	No		
5.241	Hack Saw blades	1	No		
5.242	Boss white	1	No		
5.243	13-100mm Non-Return valves	1	No		
6	Fabrication and delivery of a standard 100mm GS Class C Borehole Gantry 2.5m wide and 9m high with top and bottom pulley. Hooks and a climbing made of 20mm GI pipe welded on the Gantry legs	1	Item		
7	SURFACE CENTRIFUGAL PUMP-SETS DIRECTLY COUPLED TO PRIME MOVERS ON THE SAME BASE PLATE				
7.1	10.0-15.0 HP surface centrifugal pump set directly driven by Diesel Engine	1	Set		
7.2	10.0-15.0 HP Surface centrifugal pump set directly driven by 3-phase surface electric motor using star-Delta control system	1	Set		
7.3	20-25 HP Ditto Diesel Engine driven	1	Set		
7.4	20-25 HP Ditto 3 phase surface motor driven with star Delta control system	1	Set		
7.5	30-35 HP Ditto Diesel Engine driven	1	Set		

7.6	30-35 HP Ditto 3 phase surface motor duven with star-Delta control system	1	Set		
7.7	40-45 HP Ditto Diesel Engine duven	1	Set		
7.8	40-45 HP Ditto 3 phase surface motor duven with star Delta control system	1	Set		
7.9	50-60 HP Ditto Diesel Engine duven	1	Set		
7.1	50-60 HP Ditto 3 phase surface motor duven with star-Deita control system	1	Set		
	DIESEL ENGINE SPARE PARTS				
8	LISTER PETTER TX2,TS2,TR2,ETC				
8.1	Oil filter Element	1	NO		
8.2	Fuel filter	1	NO		
8.3	Air cleaner Element	1	NO		
8.4	Overhaul Gasket	1	NO		
8.5	Main Bearings	1	NO		
8.6	Cori-Rod Bearings	1	NO		
8.7	Piston Rings	1	NO		
8.8	Injector Nozzles	1	NO		
8.9	Crankshaff oil seal	1	PUMP		
8.10.	Engine & surface pump compling Rubber Damper	1	LT		
8.11	Pump drive shaft bearings	1	lt		
9	LISTER PETTER TX3,TS3,TR3,ETC	1	lt		
9.1	Oil filter Element	1	NO		
9.2	Fuel filter	1	NO		
9.3	Air cleaner Element	1	NO		
9.4	Overhaul Gasket	1	NO		
9.5	Main Bearings	1	NO		
9.6	Cori-Rod Bearings	1	NO		
9.7	Piston Rings	1	NO		
9.8	Injector Nozzles	1	NO		
9.9	Crankshaff oil seal	1	PUMP		
9.10.	Engine & surface pump compling Rubber Damper	1	LT		
9.11	Pump drive shaft bearings	1	lt		
10	LISTER LPA/LPW3,LPA/LPW4	1	NO		
10.1	Oil filter Element	1	NO		
10.2	Fuel filter	1	NO		
10.3	Air cleaner Element	1	NO		
10.4	Overhaul Gasket	1	NO		
10.5	Main Bearings	1	NO		

10.6	Cori-Rod Bearings	1	NO		
10.7	Piston Rings	1	NO		
10.8	Injector Nozzles	1	NO		
10.9	Crankshaff oil seal	1	PUMP		
10.10.	Engine & surface pump compling Rubber Damper	1	LT		
10.11	Pump drive shaft bearings	1	lt		
11	PERKINS-3	1	NO		
11.1	Oil filter Element	1	NO		
11.2	Fuel filter	1	NO		
11.3	Air cleaner Element	1	NO		
11.4	Overhaul Gasket	1	NO		
11.5	Main Bearings	1	NO		
11.6	Cori-Rod Bearings	1	NO		
11.7	Piston Rings	1	NO		
11.8	Injector Nozzles	1	NO		
11.9	Crankshaff oil seal	1	PUMP		
11.10.	Engine & surface pump compling Rubber Damper	1	LT		
11.11	Pump drive shaft bearings	1	lt		
11.12	12V Acid Battery	1	No		
12	PERKINS-4	1	NO		
12.1	Oil filter Element	1	NO		
12.2	Fuel filter	1	NO		
12.3	Air cleaner Element	1	NO		
12.4	Overhaul Gasket	1	NO		
12.5	Main Bearings	1	NO		
12.6	Cori-Rod Bearings	1	NO		
12.7	Piston Rings	1	NO		
12.8	Injector Nozzles	1	NO		
12.9	Crankshaff oil seal	1	PUMP		
12.10.	Engine & surface pump compling Rubber Damper	1	LT		
12.11	Pump drive shaft bearings	1	lt		
13	PERKIN 6	1	NO		
13.1	Oil filter Element	1	NO		
13.2	Fuel filter	1	NO		
13.3	Air cleaner Element	1	NO		
13.4	Overhaul Gasket	1	NO		
13.5	Main Bearings	1	NO		
13.6	Cori-Rod Bearings	1	NO		
13.7	Piston Rings	1	NO		
13.8	Injector Nozzles	1	NO		

13.9	Crankshaff oil seal	1	PUMP		
13.10.	Engine & surface pump compling Rubber Damper	1	LT		
13.11	Pump drive shaft bearings	1	lt		
14	DEURTZ	1	NO		
14.1	Oil filter Element	1	NO		
14.2	Fuel filter	1	NO		
14.3	Air cleaner Element	1	NO		
14.4	Overhaul Gasket	1	NO		
14.5	Main Bearings	1	NO		
14.6	Cori-Rod Bearings	1	NO		
14.7	Piston Rings	1	NO		
14.8	Injector Nozzles	1	NO		
14.9	Crankshaff oil seal	1	PUMP		
14.10.	Engine & surface pump compling Rubber Damper	1	LT		
14.11	Pump drive shaft bearings	1	lt		
15	FUEL LUBRICANTS & MISCELLANEOUS INPUTS				
15.1	Diesel	1	LT		
15.2	Diesel EngineOil(SAE 40)	1	LT		
15.3	Battery Acid	1	NO		
15.4	Distilled water	1	Dozen pkt		
15.5	Grease	1	KG		
15.6	Petrol	1	LT		
15.7	Gland packing	1	M		
15.8	Bituminous paint	1	LT		
15.9	Borehole clamp fastening bolts with nuts [No.12-13 or 13-14]	1	NO		
16	WATER METERS				
16.1	13mm Consumers metres	1	NO		
16.2	20mm Consumer metres	1	NO		
17	MAINTENANCE TOOLS & EQUIPMENTS				
17.1	Mechanical Tools Box	1	NO		
17.2	Electrical Tool Box	1	NO		
17.3	Hacksaw Blades	1	NO		
17.4	Hacksaw Frame	1	NO		
17.5	Pipe Vice Size 2"-3"	1	NO		
17.6	14 Pipe Wrench Spanner	1	NO		
17.7	18 Pipe Wrench Spanner	1	NO		
17.8	24 Pipe wrench Spanner	1	NO		
17.9	36 Pipe Wrench Spanner	1	NO		

17.1	48 Pipe Wrench Spanner	1	NO		
17.11	36 Chainton Spanner	1	NO		
17.12	48 Chainton Spanner	1	NO		
17.13	1/2"-21/2" Diestock	1	NO		
17.14	21/2"-3" Diestock	1	NO		
17.15	4" Diestok	1	NO		
17.16	3 Ton Roller Pulleys[Single]	1	NO		
17.17	1.5 Ton Roller Pulley[Single]	1	NO		
17.18	5 Ton Roller Pulley[Double]	1	NO		
17.19	5 Ton wire Rope	1	NO		
17.20.	11/4" Pipe Hooks	1	NO		
17.21	11/2" Pipe Hooks	1	NO		
17.22	2" Pipe Hooks	1	NO		
17.23	21/2" Pipe Hooks	1	NO		
17.24	3" Pipe Hooks	1	NO		
17.25	Borehole Dipper to reach 300m Deep	1	NO		
17.26	Steel Brush	1	NO		
17.27	1"Painting Brush	1	NO		
17.28	OIL Can 1.5lt Capacity	1	NO		
17.29	PPR Piipe Welder	1	NO		
17.30.	Belt Spanner	1	NO		
17.31	5m Long Tape Measure	1	NO		
18	BOREHOLE CASINGS AND SCREENS				
18.1	Plain Steel Casings 152mm diameter, 6m long	1	Length		
18.2	Plain Steel Casings 202mm diameter, 6m long	1	Length		
18.3	PVC Casing 152mm diameter, 3m long	1	Length		
18.4	PVC Casing 202mm diameter, 3m long	1	Length		
18.5	Steel slotted screeen 150mm diameter	1	Length		
18.5	Steel slotted screeen 200mm diameter	1	Length		
18.6	PVC screens 150mm diameter	1	Length		
18.7	PVC Screens 200mm diameter	1	Length		
19	PLASTIC AND COLAPSIBLE TANKS				
19.1	10,000 LTS PLASTIC tANKS	1	No		
19.2	5,000 lts Plastic Tanks	1	No		
19.3	10,000 lts Collapsible tanks	1	No		
19.4	5,000 lts collapsible tank	1	No		
20	SURVEY EQUIPMENT				
20.1	RTK Equipment	1	No		
20.2	Total station	1	No		
20.3	Hand held GPS	1	No		
20.4	Abbem Terrameter complete with accessories	1	No		
			TOTAL		

In words Kenya Shillings

Contractor:

VAT Registration No:

Pin No:

Address:

Signature: Date:

Witness:

Address:

Signature: Date: