REPUBLIC OF KENYA COUNTY GOVERNMENT OF BUSIA



Department of Water, Irrigation, Environment and Natural Resources P.O. Box 392 - 50400 BUSIA.

Ward Based Water Projects TENDER DOCUMENT

Tender No. BSA/CG/WENR/14 /2020-21. 825124-2020/2021

SUB COUNTY	WARD	PROJECT NAME / SCOPE OF WORKS
	ANGOROM WARD.	Equipping Three Boreholes With Solar Water Pumps Water Kiosks Construction At Amoni (Opakas Village), Mogola And Asopotoit.

BID DOCUMENT: FORM OF BID APPENDIX TO FORM INSTRUCTIONS TO BIDDERS CONDITIONS OF CONTRACT SCHEDULES OF SUPPLEMENTARY INFORMATION FORM OF AGREEMENT SPECIFICATIONS BILLS OF QUANTITIES

CHIEF OFFICER, DWIENR	COUNTY WATER DIRECTOR,	COUNTY
COUNTY GOVERNMENT OF BUSIA,	GOVERNMENT OFBUSIA,	
PRIVATE BAG-50400,	P.O Box 392-50400,	
BUSIA (K).	BUSIA (K	

TABLE OF CONTENTS

SECTION 1	INTRODUCTION	1
	INVITATION FOR TENDERS	2
SECTION II	INSTRUCTIONS TO TENDERERS	4
SECTION III	CONDITIONS OF CONTRACT	11
	APPENDIX TO CONDITIONS OF CONTRACT	21 – 22
SECTION IV	SPECIFICATIONS, DRAWINGS AND BILLS OF	23
	QUANTITIES/SCHEDULE OF RATES	
SECTION V	STANDARD FORMS	25

INTRODUCTION

- 1.1 This standard tender document for procurement of works has been prepared for use by procuring entities in Kenya in the procurement of works (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 a 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



COUNTY GOVERNMENT OF BUSIA P.O. BOX PRIVATE BAG – 50400 BUSIA, KENYA



THE COUNTY TREASURY

INVITATION TO TENDER

The county Government of Busia invites interested eligible contractors to apply for the tender mentioned above FOR FY2020/2021

Tender documents containing detailed information on the tenders can be freely downloaded from the **IFMIS Supplier portal** (https://supplier.treasury.go.ke, https://supplier.treasury.go.ke, https://supplier.treasury.go.ke, https://supplier.treasury.go.ke, https://supplier.treasury.go.ke).

Complete tender documents must be submitted through the *IFMIS* supplier portal: **supplier.treasury.go.ke** so as to be received on or before **Tuesday**, **27**th **October 2020** at **9.00 a.m.**All tenders **MUST** be submitted through the IFMIS platform **SUPPLY CHAIN MANAGEMENT SERVICES**

NOTE: Bidders who may experience challenges in accessing and uploading their tenders in the IFMIS tender portal should contact the IFMIS Helpdesk (email http: ifmis.go.ke. Tel 0800721477/0204801801) at the treasury or contact our Supply Chain Function office located at the County Headquarters first floor, room 47.

THE ACCOUNTING OFFICER COUNTY GOVERNMENT OF BUSIA

SECTION II

INSTRUCTIONS TO TENDERERS

TABLE OF CONTENTS

CLAUSE		
1.	GENERAL	4
2.	TENDER DOCUMENTS	5
	D 4 5 4	

3.	PREPARATION OF TENDERS	5 - 6
4.	SUBMISSION OF TENDERS	6 - 7
5.	TENDER OPENING AND EVALUATON	7 - 8
6.	AWARD OF CONTRACT	8 - 9

INSTRUCTIONS TO TENDERERS

1. General

- 1.1 The Employer as defined in the Appendix to Conditions of Contract invites tenders for Works Contract as described in the tender documents. The successful Tenderer will be expected to complete the Works 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 works 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 Works and its surroundings, and obtain all information that may be necessary for preparing the tender and entering into a contract for construction of the Works. 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.5,000/=
- 1.7 The procuring entity shall allow the tenderer to review the tender document free of charge before purchase.

- 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 Works 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 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.
- 5.9 Preference where allowed in the evaluation of tenders shall not exceed 15%
- 5.10 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.
- 5.11 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 Works 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 das 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.

SECTION III CONDITIONS OF CONTRACT Table of Clauses

1.	DEFINITIONS	Page 11
2.	CONTRACT DOCUMENTS	. 12
3.	EMPLOYER'S REPRESENTATIVE'S DECISIONS	13
4.	WORKS, LANGUAGE AND LAW OF CONTRACT	13
5.	SAFETY, TEMPORARY WORKS AND DISCOVERIES	13
6.	WORK PROGRAM AND SUB-CONTRACTING	13
7.	THE SITE	13 - 14
8.	INSTRUCTIONS.	14
9.	EXTENSION OF COMPLETION DATE	14 - 15
10. M	IANAGEMENT MEETINGS	15
11. D	EFECTS	15 - 16
12. B	ILLS OF QUANTITIES/SCHEDULE OF RATES	16
13. V	ARIATIONS	16
14. P.	AYMENT CERTIFICATES AND FINAL ACCOUNT	16 - 17
15. IN	NSURANCES	18
16. L	IQUIDATED DAMAGES	18
17. C	OMPLETION AND TAKING OVER	18
18. T	ERMINATION	18 - 19
19. P.	AYMENT UPON TERMINATION	19
20. C	ORRUPT GIFTS AND PAYMENTS OF COMMISSION	19 - 20
21. S	ETTLEMENT OF DISPUTES	20
22.	APPENDIX TO CONDITIONS OF CONTRACT	21 – 22

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 Works 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 Works has been accepted by the Employer.
 - "The Contractor's Tender" is the completed tendering document submitted by the Contractor to the Employer.
 - "The Contract Price" is the price stated in the Letter of Acceptance.
 - "Days" are calendar days; "Months" are calendar months.
 - "A Defect" is any part of the Works not completed in accordance with the Contract.
 - **"The Defects Liability Certificate"** 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 Works.
 - **"Equipment"** is the Contractor's machinery and vehicles brought temporarily to the Site for the execution of the Works.
 - "Site" means the place or places where the permanent Works are to be carried out including workshops where the same is being prepared.

- "Materials" are all supplies, including consumables, used by the Contractor for incorporation in the Works.
- "Employer's Representative" is the person appointed by the Employer and notified to the Contractor for the purpose of supervision of the Works.
- "Specification" means the Specification of the Works included in the Contract.
- "Start Date" is the date when the Contractor shall commence execution of the Works.
- "A Subcontractor" is a person or corporate body who has a Contract with the Contractor to carry out a part of the Work in the Contract, which includes Work on the Site.
- "Temporary works" are works designed, constructed, installed, and removed by the Contractor which are needed for construction or installation of the Works.
- "A Variation" is an instruction given by the Employer's Representative which varies the Works.
- "The Works" 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. Works, Language and Law of Contract

- 4.1 The Contractor shall construct and install the Works in accordance with the Contract documents. The Works may commence on the Start Date and shall be carried out in accordance with the Program submitted by the Contractor, as updated with the approval of the 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 works and Discoveries

- 5.1 The Contractor shall be responsible for design of temporary works and shall obtain approval of third parties to the design of the temporary works 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 Works.
- 6.2 The Contractor may sub-contract the Works (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.
- 7.2 The Contractor shall allow the Employer's Representative and any other person authorized 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 Works or any of the trades engaged in the preparation, manufacture or transportation of any of the goods or materials required for the Works, 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 here below (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 Ra
- After works are completed and After defects liability period.
- 14.2 Upon deciding that Works 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 Works, 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 Works, upon deciding that the Work is completed.

The Employer shall take over the Site and the Works 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 Works 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 Works and to rectify any defects and may enter upon the Works and use all materials on Site, plant, equipment and temporary works.
- 19.2 The Contractor shall, during the execution or after the completion of the Works under this clause, remove from the Site as and when required within such reasonable time as the 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 Works under this clause, the Employer shall not be bound by any other provision of this Contract to make any payment to the Contractor, but upon such completion as aforesaid and the verification within a reasonable time of the accounts 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.

APPENDIX TO CONDITIONS OF CONTRACT

THE EMPLOYER IS:

Name	THE CHIEF OFFICER - DWIENR
Address	P.O. BOX 392 BUSIA.
Name of Employer's Representative	ANG'ANA ORIKO
Title	PROJECT MANAGER
Telephone	0722 – 238 - 059

The name (and identification number) of the Contract is as per cover page

The Works consist of drilling and equipping of boreholes

The Start Date shall be as shall be agreed with the project manager

The Intended Completion Date for the whole of the Works shall be 16 weeks after commencement date

The following documents also form part of the Contract: as listed in clause 2.1 of the condition of contract

The Site Possession Date shall be as shall be agreed with the employer

The Site is located at, Busia County.

The Defects Liability Period is 180 days.

Amount of Tender Security is 2% (Note: This amount should be between one (1) percent and three (3) percent of the value of the Works)

The name and Address of the Employer for the purposes of submission of tenders is **THE COUNTY SECRETARY COUNTY GOVERNMENT OF BUSIA PRIVATE BAG, BUSIA (K)**

The amount of performance security is 10% (Note: the Employer must select the form of performance security to be accepted. A bank guarantee of between five (5) and ten (10) percent is acceptable. A performance bond on the other hand from an insurance company may be of up to thirty (30) percent of the Contract Price).

SECTION IV – SPECIFICATIONS, DRAWINGS AND BILLS OF QUANTITIES/SCHEDULE OF RATES

I. 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 Works be new, unused, of the most recent or current models and incorporating all recent improvements in designs and materials unless provided otherwise in the Contract.
- 2.0 Specifications from previous similar projects are useful and it may not be necessary to rewrite specifications for every works contract.
- 3.0 Care must be taken in drafting Specifications to ensure they are not restrictive. In the specification 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.

II DRAWINGS

NOTE: 1. A list of the Contract Drawings should be inserted here

2. The actual Contract Drawings including Site plans should be annexed in a separate booklet

III, BILL OF QUANTITIES/SCHEDULE OF RATES

Notes for preparing Bills of Quantities

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

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

Notes for preparing Schedule of Rates

Where the time limit or other constraints do not allow the preparation of a Bill of Quantities for the Works, a lump-sum Contract shall be adopted and a Schedule of Rates (in place of a Bills of Quantities) shall be issued as part of the tender documents.

The objectives of the Schedule of Rates are;

- (a) to provide sufficient information on the nature of work items to be performed to enable tenders to be prepared efficiently and accurately; and
- (b) when a Contract has been entered into, to provide a basis for the pricing of Works executed for interim and final valuations.

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

Measurement of Work executed after every agreed stage should be done and the quantities so obtained used alongside the rates in the schedule to arrive at interim valuation [for each stage] and the final valuation.

SECTION V

STANDARD FORMS

List of Standard Forms

1	(i) Form of	[:] Invitation f	or Tenders
١	\'.	, 10111101	III VI LU LI OII I	or remacis

- (ii) Form of Tender
- (iii) Letter of Acceptance
- (iv) Form of Agreement
- (v) Form of Tender Security
- (vi) Performance Bank Guarantee
- (vii) Performance Bond
- (viii) Bank Guarantee for Advance Payment
- (ix) Qualification Information
- (x) Tender Questionnaire
- (xi) Confidential Business Questionnaire
- (xii) Details of Sub-Contractors
- (xiii) Request for Review Form

FORM OF INVITATION FOR TENDERS

	[date]
To:	[name of Contractor] [address]
	
Dear Sirs:	
Reference:	[Contract Name]
You have been prequalified to	tender for the above project.
We hereby invite you and of execution and completion of t	other prequalified tenderers to submit a tender for the the above Contract.
A complete set of tender docu	ments may be purchased by you from
[mailing ad	dress, cable/telex/facsimile numbers].
Upon payment of a non-refun	adable fee of Kshs
	nied bynumber of copies of the same and and amount specified in the tendering documents, and
[address ar	nd location]
at or before thereafter, in the presence of	(time and date). Tenders will be opened immediately tenderers' representatives who choose to attend.
Please confirm receipt of this	letter immediately in writing by cable/facsimile or telex.
Yours faithfully,	
	Authorized Signature
	Name and Title

FORM OF TENDER

		Date]	
of Quantitie undersigned	es/Schedule of Rates for doffer to construct, ins	s of Contract, Specifications, Drawings and Bill or the execution of the above named Works, we, the stall and complete such Works and remedy any as[Amount in words]	
receipt of th	he Employer's Represe	epted, to commence the Works as soon as is reasonably entative's notice to commence, and to complete the with the time stated in the Appendix to Conditions of Contractions.	hole of the Works
	abide by this tender un be accepted at any tim	ntil[Insert date], and it shall rene before that date.	main binding upoi
		ement is prepared and executed this tender together the a binding Contract between us.	with your written
We underst	and that you are not bo	ound to accept the lowest or any tender you may receive	e.
Dated this _		day of20	
Signature _		in the capacity of	
•	rized to sign tenders fo	or and on behalf ofName of TendName of Tend[Address of T	
Witness;	Name		
	Address		
(Am	Signature Date	ovided by Insurance Company)	

LETTER OF ACCEPTANCE



COUNTY GOVERNMENT OF BUSIA

	[date]
То:	
	[name of the Contractor]
	[address of the Contractor]
Dear S	Sir,
for the <i>[name</i> of Shilling	to notify you that your Tender dated execution of of the Contract and identification number, as given in the Tender documents] for the Contract Price Kshs [amount in figures][Kenya ugs (amount in words)] in accordance with the Instructions to
	rers is hereby accepted. re hereby instructed to proceed with the execution of the said Works in accordance with the Contract tents.
Autho	rized Signature
Name	and Title of Signatory
Attach	ment: Agreement

FORM OF AGREEMENT

by the Contract.

Office	er DW1	EEMENT, made the	red office is s	20 ituated at] Busi a	between The Chief a County Water Offices
		1 7 /		of[or whose	e registered office is
		called "the Contractor") of the other part.			
WHE.	REAS '	S THE Employer is desirous that the Contra	ector execute	3	
		d identification number of Contract [Place/location			
tende	r submi	nitted by the Contractor for the execution a	and completion	on of such Wor	ks and the remedying of
any figure	derects s],Keny	s therein for the Contract Price of nya Shillings	KSns	[A	[Amount in Mount in Mount in Mount in Mount in Mords].
		S AGREEMENT WITNESSETH as follow			
1.		nis Agreement, words and expressions shall nem in the Conditions of Contract hereinaft			are respectively assigned
2.		following documents shall be deemed to eement i.e.	form and sha	all be read and	construed as part of this
	(i)	Letter of Acceptance			
	(ii)	Form of Tender			
	(iii)	Conditions of Contract Part I			
	(iv)	Conditions of Contract Part II and Appe	endix to Con	ditions of Contr	ract
	(v)	Specifications			
	(vi)	Drawings			
	(vii)	Priced Bills of Quantities/Priced Sched	ule of Rates[whichever is ap	plicable]
3.	the Con	consideration of the payments to be made by contractor as hereinafter mentioned, the Concenants with the Employer to execute and conformity in all respects with the provisions of	tractor hereb omplete the V	y Vorks and reme	dy any defects therein in
4.	The 1	Employer hereby covenants to pay the	Contractor	in consideratio	n of the execution and

completion of the Works 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

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

PRELIMINARY EVALUATION

1. Tender Advertisement) Copy of Certificate of Incorporation (Signed and Certified By Commissioner of Oaths W. Current Date Of Tender Advertisement) Copy of A VALID Tax Compliance Certificate (Signed and Certified By Commissioner With Current Date Of Tender Advertisement) Copy of KRA Pin (Signed and Certified By Commissioner of Oaths With Current Date of Advertisement) Must provide copies of National ID/Passport for the Directors as per CR12 (Signed and By Commissioner of Oaths with Current Date of Tender Advertisement) Dully filled Confidential Business Questionnaire Detailed Company Profile Form of Tender Signed & Stamped by the Person Authorized Tender Documents Must be Serialized/Numbered Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Compan (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO DISQAULIFICATION). Attach Certified Copy of National Construction Authority (NCA 8) Certificate (Water Works) and Above. 11. (Water Works) and Above. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri	S/NO	MANDATORY REQUIREMENT
Copy of Certificate of Incorporation (Signed and Certified By Commissioner of Oaths W. Current Date Of Tender Advertisement) Copy of A VALID Tax Compliance Certificate (Signed and Certified By Commissioner) With Current Date Of Tender Advertisement) Copy of KRA Pin (Signed and Certified By Commissioner of Oaths With Current Date of Advertisement) Must provide copies of National ID/Passport for the Directors as per CR12 (Signed and Sp. Dully filled Confidential Business Questionnaire Detailed Company Profile Form of Tender Signed & Stamped by the Person Authorized Tender Documents Must be Serialized/Numbered Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Compan (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO DISQAULIFICATION). Attach Certified Copy of National Construction Authority (NCA 8) Certificate (Water Works) and Above, 12. Attach certified copy of Bank Statement for the last TWO Years (2018 & 2019) Attach certified copy of a VALID Registration Certificate with Ministry of Water and Irri		Copy of Business Permit (Signed and Certified By Commissioner of Oaths With Current Date of
2. Current Date Of Tender Advertisement) Copy of A VALID Tax Compliance Certificate (Signed and Certified By Commissioner) With Current Date Of Tender Advertisement) Copy of KRA Pin (Signed and Certified By Commissioner of Oaths With Current Date of Advertisement) Must provide copies of National ID/Passport for the Directors as per CR12 (Signed and By Commissioner of Oaths with Current Date of Tender Advertisement) Dully filled Confidential Business Questionnaire Detailed Company Profile Form of Tender Signed & Stamped by the Person Authorized Tender Documents Must be Serialized/Numbered Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Compan (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above, Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri	1.	Tender Advertisement)
Copy of A VALID Tax Compliance Certificate (Signed and Certified By Commissioner) With Current Date Of Tender Advertisement) Copy of KRA Pin (Signed and Certified By Commissioner of Oaths With Current Date of Advertisement) Must provide copies of National ID/Passport for the Directors as per CR12 (Signed and By Commissioner of Oaths with Current Date of Tender Advertisement) Dully filled Confidential Business Questionnaire Detailed Company Profile Form of Tender Signed & Stamped by the Person Authorized Tender Documents Must be Serialized/Numbered Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Compan (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above, 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) Attach certified copy of a VALID Registration Certificate with Ministry of Water and Irri		Copy of Certificate of Incorporation (Signed and Certified By Commissioner of Oaths With
3. With Current Date Of Tender Advertisement) Copy of KRA Pin (Signed and Certified By Commissioner of Oaths With Current Date of Advertisement) Must provide copies of National ID/Passport for the Directors as per CR12 (Signed and By Commissioner of Oaths with Current Date of Tender Advertisement) 5. By Commissioner of Oaths with Current Date of Tender Advertisement) 6. Dully filled Confidential Business Questionnaire 7. Detailed Company Profile 8. Form of Tender Signed & Stamped by the Person Authorized 9. Tender Documents Must be Serialized/Numbered Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Compan (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above, 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri	2.	Current Date Of Tender Advertisement)
Copy of KRA Pin (Signed and Certified By Commissioner of Oaths With Current Date of Advertisement) Must provide copies of National ID/Passport for the Directors as per CR12 (Signed and 5). By Commissioner of Oaths with Current Date of Tender Advertisement) Dully filled Confidential Business Questionnaire Detailed Company Profile Form of Tender Signed & Stamped by the Person Authorized Tender Documents Must be Serialized/Numbered Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Compan (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above, 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of a VALID Registration Certificate with Ministry of Water and Irri		Copy of A VALID Tax Compliance Certificate (Signed and Certified By Commissioner Of Oaths
4. Advertisement) Must provide copies of National ID/Passport for the Directors as per CR12 (Signed and 5. By Commissioner of Oaths with Current Date of Tender Advertisement) 6. Dully filled Confidential Business Questionnaire 7. Detailed Company Profile 8. Form of Tender Signed & Stamped by the Person Authorized 9. Tender Documents Must be Serialized/Numbered Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Compan (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO 10. DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above , 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri	3.	With Current Date Of Tender Advertisement)
Must provide copies of National ID/Passport for the Directors as per CR12 (Signed and 5. By Commissioner of Oaths with Current Date of Tender Advertisement) 6. Dully filled Confidential Business Questionnaire 7. Detailed Company Profile 8. Form of Tender Signed & Stamped by the Person Authorized 9. Tender Documents Must be Serialized/Numbered Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Compan (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above, 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri		Copy of KRA Pin (Signed and Certified By Commissioner of Oaths With Current Date of Tender
 By Commissioner of Oaths with Current Date of Tender Advertisement) Dully filled Confidential Business Questionnaire Detailed Company Profile Form of Tender Signed & Stamped by the Person Authorized Tender Documents Must be Serialized/Numbered Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Compan (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above, Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) Attach certified copy of Bank Statement for the last Six Months ending 30TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri 	4.	Advertisement)
6. Dully filled Confidential Business Questionnaire 7. Detailed Company Profile 8. Form of Tender Signed & Stamped by the Person Authorized 9. Tender Documents Must be Serialized/Numbered Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Compan (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above, 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri		Must provide copies of National ID/Passport for the Directors as per CR12 (Signed and Certified
7. Detailed Company Profile 8. Form of Tender Signed & Stamped by the Person Authorized 9. Tender Documents Must be Serialized/Numbered Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Compan (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO 10. DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above, 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri	5.	By Commissioner of Oaths with Current Date of Tender Advertisement)
8. Form of Tender Signed & Stamped by the Person Authorized 9. Tender Documents Must be Serialized/Numbered Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Compan (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above , 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri	6.	Dully filled Confidential Business Questionnaire
9. Tender Documents Must be Serialized/Numbered Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Company (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above, 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri	7.	Detailed Company Profile
Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Compan (BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above, 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri	8.	Form of Tender Signed & Stamped by the Person Authorized
(BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above, 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri	9.	Tender Documents Must be Serialized/Numbered
OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO 10. DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above, 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri		Attach a bid bond of Kshs. 120,000 from a Reputable Bank of Insurance Company.
10. DISQAULIFICATION). Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above, 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri		(BIDDERS MUST SUBMIT ORIGINAL BID BOND TO PROCUREMENT
Attach Certified Copy Of National Construction Authority (NCA 8) Certificate (Water Works) and Above , 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri		OFFICE ON OR BEFORE TENDER CLOSES- FAILURE WILL LEAD TO
 11. (Water Works) and Above , 12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri 	10.	DISQAULIFICATION).
12. Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019) 13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri		Attach Certified Copy Of National Construction Authority (NCA 8) Certificate
13. Attach certified copy of Bank Statement for the last Six Months ending 30 TH Septem Certified copy of a VALID Registration Certificate with Ministry of Water and Irri	11.	(Water Works) and Above ,
Certified copy of a VALID Registration Certificate with Ministry of Water and Irri	12.	Attach certified copy of Audited Accounts for the last TWO Years (2018 & 2019)
	13.	Attach certified copy of Bank Statement for the last Six Months ending 30 TH September 2020
		Certified copy of a VALID Registration Certificate with Ministry of Water and Irrigation
and WARMA as a driller (SIGNED AND CERTIFIED BY COMMISSIONER OF OATH		and WARMA as a driller (SIGNED AND CERTIFIED BY COMMISSIONER OF OATHS
14. WITH CURRENT DATE OF TENDER ADVERTISEMENT)	14.	WITH CURRENT DATE OF TENDER ADVERTISEMENT)

• Only responsive bidders will proceed to the next stage of evaluation. Non-responsive bidders will be eliminated from the entire process.

TECHNICAL EVALUATION

NO	Technical Score	Weighting Score	Max.Score
T.S 1	Experience. At least 3 Years and above	3 years & above- 10 Marks • Others prorated at: Number of years * 10	10
		3	
T.S 2	Evidence of Similar works and above	3 copies and above- 20 Mks	20
	Kshs 5,000,000 (One Million). Attach		
	either 3 Copies of the following; • LPO's/LSO's	• Others prorated at: Number of copies * 20	
	Award LettersCompletion Certificate	3	
T.S 3	Audited books of accounts for the last	Provided10 Mks	10
	three years	Not Provided 0 Mks	
T.S 4	Sanctity of the tender document	Filled and submitted in the form as	10
		provided 10 mks	
		Modified document0 mks	
T.S 5	Attach CR12 and Provide list &	Director with a degree 30Mks	30
	copies of certificates of the Directors	Director with a diploma15Mks	
	(copies must be attached):	With no certificate0 mks	
'.S 6	Qualification and experience of management staff- atleast two	2 certificates & above 30 Mks • Others prorated at:	30
	copies of certificates and CV of	Number of certificates * 30	
	technical persons whom should be available for verification	3	l
	TOTAL SCORE		100

• Only bidders who score 80% and above will be subjected to financial evaluation. Those who score below 80% will be eliminated at this stage from the entire evaluation process and will not be considered further.

Financial Score (FS)

The formulae for determining the Financial Score (FS) shall be as follows:-

FS= 100 X FM/F where FS is the financial score; Fmis the lowest priced bidder and F is the price of the bidder under consideration.

d) Combined Technical and Financial Scores (S)

Bidders will be ranked according to their combined technical (TS) and financial (FS) scores using the weights (T=the weight given to the Financial Proposal; T + p = I) indicated below. The combined technical and financial score, S,shall be calculated as follows:-

 $S = TS \times T \% + FS \times P \%$

Weighting,T= 0.80,P= 0.2

FORM OF TENDER SECURITY

WHEREAS		(hereinafter called	"the Tenderer") has submitted his tender dated	for
		of me of Contract)		
Bank"), ar payment v sealed wit	re bound well and th the Co	d unto(hereinafter I truly to be made to the said Employonmon Seal of the said Bank this		for which
THE COND	OTTONS	of this obligation are:		
	enderers	_	ler during the period of tender validity specified in the ir	structions to
If the tend	derer, ha	ving been notified of the acceptance o	of his tender by the Employer during the period of tender	validity:
(8	-	fails or refuses to execute the form of A or	greement in accordance with the Instructions to Tenderer	s, if required;
(k	b) 1	fails or refuses to furnish the Performa	nce Security, in accordance with the Instructions to Tende	erers;
E cl	imployer laimed b	having to substantiate his demand, p	e above amount upon receipt of his first written demand provided that in his demand the Employer will note that urrence of one or both of the two conditions, specifying	the amount
	_	rantee will remain in force up to and in respect thereof should reach the Bar	including thirty (30) days after the period of tender valink not later than the said date.	dity, and any
_		[date[[signature of the Bank]	
_		 [witness]		

PERFORMANCE BANK GUARANTEE

To:		(Name of Employer) (Address of Employer)	(Date)
Dear Sir,			
WHEREAS _	dated	(hereinafter called "the	e Contractor") has undertaken, in pursuance of Contract No. (hereinafter called "the Works");
			ract that the Contractor shall furnish you with a Bank Guarantee rity for compliance with his obligations in accordance with the
AND WHERE	AS we have agre	ed to give the Contractor such a	Bank Guarantee:
of Ks Shillings upon your	hs. first written der	(amount (d mand and without civil or argu	and responsible to you, on behalf of the Contractor, up to a total of Guarantee in figures) Kenya amount of Guarantee in words), and we undertake to pay you, ament, any sum or sums within the limits of Kenya Shillings s) as aforesaid without your needing to prove or to show grounds
We hereby v	vaive the necessi	ty of your demanding the said de	ebt from the Contractor before presenting us with the demand.
thereunder	or of any of the C	Contract documents which may b	on of the terms of the Contract or of the Works to be performed e made between you and the Contractor shall in any way release ve notice of any change, addition, or modification.
This guarant	ee shall be valid	until the date of issue of the Cert	ificate of Completion.
SIG	NATURE AND SEA	AL OF THE GUARANTOR	
		Name of Bank	
	Address		
	Date		
(Amend	accordingly	if provided by Insuranc	e Company)

PERFORMANCE BOND

By that]	nis	Bond,	١	We						of	(0	r	whose	regi	stered		office	is	situated
as Princ	ipal (hereina	iftei	r called	"the Con	itracto	r") and of[o			ose		r	egistered		office		is		situated
atl							01[0	•	VVII	USE		16	egistereu		Office		15		Situateu
	ty (he	ereinaft	er c	alled "tl	ne Surety	/"), are	held a	nd firm	nly bo	und u	nto			- 61 -					- ((: : -
situated	atl													01[0	r wno:	se	registe	erea	office is
		nereinaf	fter	called '	the Emp	olover") in the	amou	int of	Kshs.							[am	ount	of Bond in
figures]																			.,
[amoun	t of L	Bond in	wor									ne (Contracto	r and t	 :he Sure	ety	bind th	iems	elves, their
													firmly by t						•
													l the			_ d	lay of		
20			<u> </u>	for the 6	executio	n or					<u> </u>					—			
-	-	_								-							to, whic	:n to	the extent
nerein p	orovi	aea for,	are	e by rete	rence m	ade pa	irt nere	or and	are n	ereina	atter	re	ferred to a	as tne	Contrac	ct.			
Contract and effe	t (ind	cluding a Whenev	any er t	amend the Cont	ments th	iereto), nall be,	, then t and de	his obl clared	ligatio by th	n shal e Emp	ll be loye	nu er to	ıll and void	d; othe fault ເ	erwise i under th	t sł ne (nall rem Contrac	nain i	m the said n full force Employer nptly:
(1)	con	nplete t	he (Contract	in accor	dance	with its	s terms	s and	condit	tions	; o	r						
(2)	resp pro con Cor	ordance consive gresses apletion atract Pr	ter (ev ari (ari	ith its to nderer, ven thou ranged ; but no	erms and arrange ugh thero under th	for a for a e shou his para ling, in	itions, a Contradid be a agraph) cluding	and up ct beto defau suffic other	oon do ween alt or cient f costs	eterm such a succ unds	ination tend cession to pa	ion der on ay	by the E rer and E of defaul the cost	mploy mploy ts und of con	er and er and der the npletion	the m Co n le	e Suret ake ava ontract ess the	y of ^s ailabl or Co bala	Contract in the lowest e as work ontracts of nce of the nereunder,
					the Cor actor un			as use	d in t	his pa	aragr	ар	h, shall m	iean t	he tota	l a	mount	paya	ble by the

Contract, less the amount properly paid by the Employer to the Contractor; or

(3) pay the Employer the amount required by the Employer to complete the Contract in accordance with its terms and conditions up to a total not exceeding the amount of this Bond.

The Surety shall not be liable for a greater sum than the specified penalty of this Bond.

Any suit under this Bond must be instituted before the expiration of one year from the date of issuance of the Certificate of Completion.

No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Employer named herein or the heirs, executors, administrators, successors and assigns of the Employer.

In te	stim	nony who	ereof, t	the Co	ontractor has	here	unto se	et his hand	and a	affixed	l his seal, ar	id th	e Sur	ety has	caused these pre-	sents
					-		-		-		_			legal	representative,	this
					day of						_ 20					
SIGN	IED	ON				_ SIGI	NED OI	N								
On b	eha	If of				On	behalf	of								
					Contractor]]				
Ву_							Ву									
In th	ie ca	pacity o	f			In	the cap	pacity of								
In th	ie pr	esence (of; Nan	ne		In 1	the pre	sence of; N	Name							
				Ac	ldress					А	ddress					
								-								
				Sig	gnature					Si	gnature	_				
				Da	ate					Da	ate					

BANK GUARANTEE FOR ADVANCE PAYMENT

To:	[name of Employer]
	[address of Employer]
Gentlemen,	
Ref:	[name of Contract]
We,	th the provisions of the Conditions of Contract of the above-mentioned Contract, [name and Address of Contractor] (hereinafter called "the Contractor") shall [name of Employer] a bank guarantee to guarantee his proper and faithful the said Contract in an amount of Kshs. [amount of Guarantee in words].
Employer] on his first in the amount no	[bank or financial institution], as instructed by the Contractor, agree unconditionally and irrevocably nary obligator and not as Surety merely, the payment to[name of demand without whatsoever right of objection on our part and without his first claim to the Contractor, t exceeding Kshs[amount of Guarantee in figures] Kenya Shillings[amount of Guarantee in words], such amount to be by the amounts recovered by you from the proceeds of the Contract.
performed thereunde of Employer] and the of any such change, a No drawing may be	to change or addition to or other modification of the terms of the Contract or of the Works to be the contract documents which may be made between
payment of the amou	nt listed above has been paid to the Contractor pursuant to the Contract.
This guarantee shall radvance payment und	emain valid and in full effect from the date of the der the Contract until (name of Employer) receives full payment of the same amount from
the Contract.	. , , , , , , , , , , , , , , , , , , ,
Yours faithfully,	
Signature and Seal	

Name o	f the Ban	k or financial	institution				
Address	5						
Date _							
Witness	s:Name:						
		Address:					
		Signature: _				_	
		Date:					
	AT TES	CATIO	N INFODMATI	ON			
QUA			N INFORMATI				
1.	Individu	ial Tenderers	or Individual Members of Joint	Ventures			
	1.1	Constitution Place of Regi	or legal status of tenderer (atta istration:		ncorporation	•	;
		Principal Plac	ce of Business				
		Power Of Att	torney of Signatory of Tender				
	1.2	Total annual	volume of construction work p	erformed in	the last five y	years	
	Yea	r			Volume		
			Currency				Value
	1.3	•	med as Main Contractor on wor f work under way or committed				-
Projec	t Name		Name of Client and Contact Person		Work Perform Of Completion		alue of Contract
			, ersen	4.10.100.			
	1.4	Major items below.	of Contractor's Equipment prop	oosed for ca	rrying out the	e Works. Lis	t all information requested
Item o			Description, Make and age (years)	Condition() and		ased (from whom?), or to be I (from whom?)

1.5	Qualifications Attach biogra		onnel proposed for adminis	tration ar	nd execution of the Contract
Posi	tion	Name	Years of experience (g	eneral)	Year of experience in proposition
					position
1.6	List below and	d attach copies.	alance sheets, profit and los		
					
1.8	Name, addres	s and telephone, telex and	facsimile numbers of banks		provide reference if contact
1.9		compliance with the require		nstructio	ns to Tenderers.
					

2 Joint Ventures

- 2.0 The information listed in 1.1 2.0 above shall be provided for each partner of the joint venture.
- 2.1 The information required in 1.11 above shall be provided for the joint venture.
- 2.2 Attach the power of attorney of the signatory(ies) of the tender authorizing signature of the tender on behalf of the joint venture
- 2.3 Attach the Agreement among all partners of the joint venture (and which is legally binding on all partners), which shows that:
 - a) all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
 - b) one of the partners will be nominated as being in charge, authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the joint venture; and
 - c) the execution of the entire Contract, including payment, shall be done exclusively with the partner in charge.

TENDER QUESTIONNAIRE

Please fill in block letters.

1.	Full Names Of Tenderer;
2.	Full address of tenderer to which tender correspondence is to be sent (unless an agent has been appointed below)
3.	Telephone number (s) of tenderer;
4.	Telex of tenderer;
5.	Name of tenderer's representative to be contacted on matters of the tender during the tender period;
6.	Details of tenderer's nominated agent (if any) to receive tender notices. This is essential if the tenderer does not have his registered address in Kenya (name, address, telephone, telex);
	Signature of Tenderer
	Make copy and deliver to :(Name of Employer)

CONFIDENTIAL BUSINESS QUESTIONNAIRE

You are requested to give the particulars indicated in Part 1 and either Part 2 (a), 2 (b) or 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 INFORMATION

1.	Business Name	
2.	Location Of Business Premises	
3.	Country/Town	
4.	Plot No	
5.	Street/Road	
6.	Postal Address	
7.	Tel No:	
8.	Nature of Business	
9.	Current Trade License No	
10.	Expiring date	
11.	Maximum value of business which you	
	can handle at any time: (Kshs)	
12.	Name of your Bankers	
13.	Branch	

PART 2 (A) - SOLE PROPRIETOR

1.	Name in full	
2.	Age	
3.	Nationality	
4.	Country of Origin	
5.	Citizenship details	

PART 2 (B) - PARTNERSHIP

Give details of partners as follows:

No	Name In Full	Nationality	Citizenship	Shares
			<i>Details</i>	
1.				
2.				
3.				

DETAILS OF SUB-CONTRACTORS

If the Tenderer wishes to sublet any portions of the Works under any heading, he must give below details of the sub-contractors he intends to employ for each portion.

Failure to comply with this requirement may invalidate the tender.

Porti	on of Works to be sublet:	
[i)	Full name of Sub-contractor and address of head office:	
(ii)	Sub-contractor's experience of similar works carried out in the last 3 years with	
	Contract value:	
Porti	on of Works to sublet:	
(i)	Full name of sub-contractor and address of head office:	
(ii)	Sub-contractor's experience of similar works carried out in the last 3 years with	
	contract value:	
 [Sign	 nature of Tenderer)	 Date

LETTER OF NOTIFICATION OF AWARD

Address of Procuring Entity

	der No
Tei	nder Name
This is t	o 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 1 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 award.
	(FULL PARTICULARS)

SIGNED FOR ACCOUNTING OFFICER

REPUBLIC OF KENYA

PUBLIC PROCUREMENT ADMINISTRATIVE REVIEW BOARD

APPLICATION NOOF20
BETWEEN
APPLICANT
AND
RESPONDENT (Procuring Entity)
Request for review of the decision of the(Name of the Procuring Entity) ofdated theday of
20in the matter of Tender Noof20
REQUEST FOR REVIEW
I/Wethe above named Applicant(s), of address: Physical addressFax NoTel.
NoEmail, 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 onday of/20
FOR OFFICIAL USE ONLY
Lodged with the Secretary Public Procurement Administrative Review Board on day of20
SIGNED
Board Secretary

BILL OF QUANTITIES

2020-2021 F/Y-WARD PROJECTS – INSTALATION OF SOLAR POWERED SYSTEM

1. BILL OF QUANTITIES FOR EQUIPPING THREE BOREHOLES WITH SOLAR WATER PUMPS WATER KIOSKS CONSTRUCTION AT AMONI (OPAKAS VILLAGE), MOGOLA AND ASOPOTOIT .ANGOROM WARD.

Item No.	Item description	Units	Qty	Rate (Kshs)	Amount (Kshs)
	All rates are VAT inclusive				
	All Provisional				
	SOLAR INSTALLATION				
01	BILL NO 1: SIZING AND DESIGN				
	Allow a percentage for system sizing (design for approval		1		
	suitable pumping equipment involving; solar panel, pump,				
	arrays and array stand)				
	Source : Borehole				
	Estimate flow : 3m³/h				
	Elevation : 40M				
	Proposed pipe line: : 1½ inch				
	Storage : 10m³ elevated tank				
	Tower : 6m Mild steel				
	Total Pipeline Length : 1 km				
0 2	BILL NO: 2 INSTALLATION OF SOLAR PUMP AND				
	ACCESSORIES	0.1	-		
	Supply suitable stainless steel solar pump complete with	Set	1		
	 Dry running protection, 				
	 Power control cables, 				
	 Suitable PV disconnect switch, 				
	 6.0 mm lead cables 				
	 Light sensor switch 				
	Suitable solar inverter				
	Armored cables				
03	BILL NO:3 SOLAR ARRAYS				
03	Supply suitable Solar panel and array for the above pumping	Set	1		
	system to be installed in a manner to protect the system from	Set	_		
	both human and animal interference by elevating the system				
	above the Ground on a steel tower				
04	BILL NO: 4 INSTALLATION SUNDRIES				
	Supply. Handle and install the following:				
	 Draw pipes 	set	1		
	 Suitable well head cover. 				
1	 Well head fittings{ non-return valve, union, 				
1	MF bends, elbows, gate valves, tee, master				
1	meter]				
1	meter]				
1					
1					
<u>L</u>				1	

05.	BILL NO: 5. WATER TOWER 6M MILD STEEL TOWER Fabrication of the tower to include: Beams of 3x3x4mm SHS.	Lsm	1	
06	BILL NO: 6. TANK INSTALLATION Install Elevated plastic tanks capacity 10m³ on suitable steel	Lsm	1	
	BILL NO 6: SOLAR TRAY Supply, fabricate and erect a 4m high steel tower from 4mm thick RHS erected with 1:2:4 concrete surround and painted with oxide antirust paint to securely accommodate the above solar arrays. All to be earthed against excess voltage / current and protected by an earth continuity cable, earth rod and an arrestor set.			
07	BILL NO: 6 CONSTRUCTION OF COMMUNAL WATER POINT (kiosk) Supply materials and construct a standard two tap water kiosk as directed by the engineer. The kiosk to be done in red bricks, doors should be steel plated with 4×4 steel windows. The kiosk to be fixed with all necessary equipment e.g. non return valve, air valve, union, KENT type meters.	L/S	1	
08	1½"Ø HDPE PN 12.5 Pipe extension from Elevated tank at Borehole. Rate to include trenching and backfilling.	M	1000	
09	BILL NO: 5 TESTING AND COMMISSIONING Pressure test the entire system from the borehole, the tank and pipe network for leakages and stability	L/S	1	
10	Branding	Lsm	1	
	SUB TOTAL			
	GRAND TOTAL 3SITES			

SUMMARY PAGE

No.	Description	Amount
1	Solar Installation	
2	TOTAL for 1 No	
3	TOTAL for 3No.	
4	Add Kshs 20,000 x 3 for project branding in County Colours	
5	SUBTOTAL 3+ 4	
6	Add 5% for project administration	
	GRAND TOTAL	

Amount in words:			