



TENDER DOCUMENT

Rehabilitation of Abdisamad Borehole in Balambala Sub-County in Garissa County

**TENDER NO.
PGI/019/012/2024**



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SECTION I: LETTER OF INVITATION

REF: PGI/019/012/2024

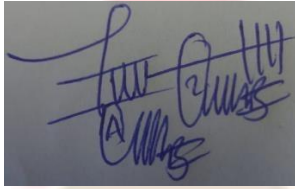
Dear Sir/Madam

SUBJECT: Rehabilitation of Abdisamad Borehole in Balambala Sub-County in Garissa County

With regards to the above-mentioned subject invitation to tender, please find below the documents, which constitute the tender report.

- i. Letter of Invitation to tender
- ii. Tender Notice
- iii. Instructions to tender
- iv. Technical Specifications
- v. Pastoralist Girls Initiative (PGI) Terms and conditions
- vi. General conditions of contract
- vii. Standard forms
- viii. Pastoralist Girls Initiative Child Protection Policy

We look forward to receiving your tender **bid** as per the tender notice instructions.



Abdinoor Bashir Takal
Procurement Officer

Pastoralist
Girls Initiative
Empower Girls, Save Community

TENDER NOTICE

Rehabilitation of Abdisamad Borehole in Balambala Sub-County in Garissa County

Pastoralist Girls Initiative (PGI) is an indigenous, Garissa based Non-Governmental Organization that was registered in 2008. PGI works to enhance the capacity of women and girls from ASAL communities to develop resilience, economic growth and adaptation to climate change. In doing so we work with a wide range of stakeholders interested in the EMPOWERMENT of women and girls from the pastoralist communities to achieve their potential and improve the quality of their lives as individuals and collectively that of the entire community. PGI works largely focuses on girls and women to develop their leadership skills and empower them to take lead in addressing challenges that affect their development including early marriages, female genital mutilation, and education amongst others. It supports women to initiate income-generating activities as well as develop resilient skills to cope with ever changing environmental factors. PGI's vision is: 'Empowered ASAL communities realizing their fullest potential and leading dignified human lives'. Its mission is: 'To promote sustainable development by enhancing the capacities of ASAL communities through integrated development approaches'. The strapline is enabling prosperous futures interest.

Tenderers shall send a request via email to info@pastoralistgirls.org to access this tender document. Tenderers must quote REF: **PGI/019/012/2024** during the application.

We highly encourage local Contractors to apply. Bid documents should be dropped at **the PGI Garissa Office tender box at the reception.**

Contractors must quote Ref: **PGI/019/012/2024** in their applications.

Tenders MUST be received not later than **9:00 a.m. Wednesday 8th January 2025**. Documents presented after **the deadline will NOT be accepted**. Tenders will be opened on **Wednesday 8th January 2025 at PGI Offices-National Bank Building, Garissa First floor**. All bidders or their representatives are welcome to the opening of the tender.

Completed tender documents should be addressed to: -

**Pastoralist Girls Initiative
P.O. Box 457 – 70100,
Garissa, Kenya.**

For any inquiries please contact: procurement@pastoralistgirls.org

Empower Girls, Save Community

SECTION II: INSTRUCTIONS TO TENDERERS

Checking

The Tenderer is required to check the numbers of the pages and should any be found to be missing or in duplicate or the figures or writing indistinct, he must inform PGI immediately and have the same rectified. Should the Tenderer be in doubt about the precise meaning of any words or figures he must inform PGI in order that the correct meaning may be decided upon before the date for the submission of the tender.

No liability whatsoever will be admitted nor claim allowed in respect of errors in the tender due to mistakes in the Bills of Quantities which should have been rectified in the manner spelt above.

Queries during tendering

Any doubt or perceived ambiguity as to the meaning or intention of the tender documents, or any other question arising shall be communicated in writing to PGI before the tender is submitted. PGI will upon receipt of any such query, set out the intent and meaning of any part. Written copies of PGI's response including a description of the inquiry but without identifying its source, will be sent to all prospective tenderers who have been issued with the tender documents.

Amendment of tender documents

"At any time prior to the deadline for submission of tenders, PGI may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective tenderer, modify the tender documents by the issuance of an Addendum.

The Addendum will be sent in writing or by cable to all invited tenderers who have been issued with the tender documents and will be binding upon them. Prospective tenderers shall promptly acknowledge receipt thereof by letter or cable to PGI. "

In order to afford prospective tenderers reasonable time in which to take an addendum into account in preparing their tenders, PGI may, at his own discretion, extend the deadline for the submission of tenders

A. DESCRIPTION OF THE WORKS

The works involves the following:

- i. Solarization and equipping of the borehole.
- ii. Installation of a 10,000-liter elevated PVC tank.
- iii. Rehabilitation of the existing water kiosk and two cattle troughs.
- iv. Connection of Abdisamad Primary School to the water supply system.

a. General Requirements

These specifications describe the requirements for Rehabilitation of Abdisamad Borehole in Balambala Sub-County in Garissa County to promote access to clean water and improve livelihoods for Abdisamad communities.

The site for the proposed works shall be Abdisamad; coordinates 0°03'09"N 39°39'24"E, about 70Km from Garissa Town.

The tenderers MUST present information along with their offers as follows:

- (i) Shortest possible delivery period.
- (ii) Staff Information on proper representatives.
- (iii) Copy of certificate of Registration/Incorporation
- (iv) Copy of Valid tax compliance Certificate
- (v) Valid Business Permit
- (vi) Solar System Installers Registration with EPRA
- (vii) Registration with National Construction Authority
- (viii) Proof of experience in carrying out the proposed works. Submit names/references of three (3) clients where similar services have been successfully implemented within the last two (2) years.

- (ix) Audited Accounts for the last two (2) years (2022 and 2023)
- (x) Provide a detailed production to delivery work plan.
- (xi) Submit a brief company profile indicating expertise in the works.
- (xii) Serialized Document
- (xiii) Must fill the form of tender in the format provided.

The bidder should bear in mind that the work plan proposed should be reasonable simple, with minimum timeline provided. The contractor should be ready to work within those timelines and lack of delivery within the proposed work plan will attract a penalty or cancellation of the contract.

SECTION III: TECHNICAL SPECIFICATIONS

a. Solar installation and equipping with submersible pump set

The solar PV pumping systems should be designed to withstand the average environmental conditions found in the project area (Garissa). The Bidder shall ensure that all equipment offered is suitable for satisfactory operation under site conditions.

All components shall be delivered with their appropriate fixing nails, screws or bolts according to local building conditions.

The main components of the solar PV system shall be integrated in such a way as to allow easy access/replacement (in case of failure) with a similarly functioning component.

All equipment shall be clearly and permanently labeled in English. Where labels are provided for clarifying the operation of equipment, they shall be concise and illustrative in nature.

Solar PV Modules

- i. The solar PV array shall consist of the specified number of poly/mono-crystalline frameless silicon modules. Cells shall be laminated between high transmissivity, UV protected, tempered glass, and weather resistant back-sheet to protect from moisture penetration.
- ii. Single or multi-junction thin film modules (a-Si, CdTe, CIS) are not accepted in this procurement.
- iii. PV modules must be certified for compliance with IEC 61215, "Crystalline Silicon Terrestrial Photovoltaic Modules; Design Qualification and Type Approval". The rated peak power of the PV module shall be stated at Standard Test Conditions (STC) as defined in IEC 61215 and IEC 60904- 3.
- iv. Solar PV modules should be identical throughout all the sites.
- v. The tolerance on rated peak power of photovoltaic array is -0%/+20% under Standard Test Conditions (STC) as defined in IEC 60904-1. This means that none of the PV modules can have an actual peak power output lower than the specified rated value.
- vi. Actual peak power shall not be less than the nominal peak power minus 5%. All PV module performances shall be certified by a measurement sheet from the manufacturer.
- vii. The PV module shall be equipped with a sealable waterproof IP54 junction box or with a pre-embedded cable with an equivalent junction box fitted to the PV module mounting structure. Junction boxes shall include a provision for strain relief glands.
- viii. The connection terminals in the PV module junction box shall be clearly marked as positive and negative.
- ix. Each PV module shall be protected by a blocking diode integrated in the junction box. Bypassing diodes are only required if more than one module is connected in series.
- x. The modules shall be frameless, have ability to withstand corrosion and allows secure connection to the solar PV array mounting structure.
- xi. Each module shall be clearly marked (fixed label), indicating: manufacturer, model name/number, serial number, maximum system voltage, peak power rating ($W_{peak} \pm$ tolerance), current at MPP (Maximum Power Point), voltage at MPP, open circuit voltage and short circuit current.

xii. The PV modules shall be mounted to one independent array structure for each system. The array structures shall be ground mounted and shall be designed and fabricated to withstand wind gusts of up to 100 km/h without damage. The mounting array structures shall be sufficiently rigid to prevent twisting in the wind. All fasteners (nuts, bolts, washers) within the array mounting structure shall be supplied by the Bidder and shall be galvanized or of stainless-steel material. All bolts/screws used within the structure shall be tamper-proof (non-removable) for protection against theft.

Sun Inverter

- i. The pump controller should have a true hybrid capability which automatically blends grid and solar power with the core solar power supply to provide consistent 24-hour pumping when required, thus maximizing the use of installed solar capacity.
- ii. The Inverter should have integrated data logging of all relevant technical parameters.
- iii. The Inverter should have active temperature management for full power up to 50°C ambient temperature and power derating from 50 to about 60°C ambient temperature.
- iv. The Inverter should have integrated Sun Sensor for extended pump lifetime.
- v. The Inverter should have integrated MPPT (Maximum Power Point Tracking) for maximum solar energy conversion efficiency.
- vi. The Inverter should have protection against reverse polarity, overload and over temperature.
- vii. The Inverter enclosure should be IP54.
- viii. The Inverter should operate at an ambient temperature of -30° + 50° C.

The Bidder warrants that all the goods are new, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the contract. The Bidder shall be assigned for a "full warranty service" of (1) year. All warranties shall start from the day the system is commissioned and accepted and an acceptance receipt is signed.

b. Specification of other construction works

All materials, equipment and testing apparatus etc. to be furnished and Works to be executed by the Contractor in this Contract shall conform to the requirements of the latest Kenya Standards, International Standards Organization (ISO), European Norm (EN), Deutsches Institut für Normung (DIN), British Standards (BS) or other approved applicable Standards in Kenya. Materials to be purchased shall be from well recognized manufacturers whose products are standardized and controlled by any recognized Standards Organization. The Contractor is referred to General Specifications for Building Works – 1976 Edition Pages B1 – B2 and must allow for all costs in complying with these clauses. All dimensions and measurement units shall be in S.I. units unless otherwise stated.

PROJECT HANDOVER:

The handover report should include but not limited to the following:

- i. Proof that all components are working and in good condition
- ii. Technical operation reports
- iii. Technical specifications and manuals for all components
- iv. Maintenance plans and schedules
- v. Existing warranties and guaranties.

SECTION IV: PASTORALIST GIRLS INITIATIVE TERMS AND CONDITIONS

- 1. Closing date and time for submission of tenders
8th January 2025 at 9:00 a.m**

2. Submission of tenders

Tenders to be submitted to the tender Box in PGI Garissa Office with sealed envelopes marked by company stamp to the below physical address:

**PASTORALIST GIRLS INITIATIVE OFFICE
NATIONAL BANK BUILDING
First Floor
P.O. Box457 – 70100,
Garissa, Kenya.**

Contractors must quote **Ref: PGI/019/012/2024** in their applications and the Construction company name, telephone and email address at the back of the cover envelope.

3. Opening of Tenders

- i. Pastoralist Girls Initiative(PGI) will open all tenders in the presence of tenderers' representatives who choose to attend, on **8th January 2025 at 9.30 a.m.** and in the location specified in the Invitation to Tender.
- ii. The tenderers' or their representatives are encouraged to attend and will be required to sign a register evidencing their attendance.
- iii. The tenderers' names, tender modifications or withdrawals, tender prices, discounts and such other details as PGI, at its discretion, may consider appropriate, will be announced at the opening.

4. Clarification of Tenders

- i. To assist in the examination, evaluation and comparison of tenders PGI may, at its discretion, ask the tenderer for clarification of its tender. The request for clarification and the response shall be in writing, and no change in the prices or substance of the tender shall be sought, offered, or permitted.
- ii. Any effort by the tenderer to influence PGI in its tender evaluation, tender comparison or contract award decisions will result in the Rejection of the tenderers' tender.

5. Preliminary Examination

Prior to the technical evaluation, PGI will determine the substantial responsiveness of each tender to the tender documents. For purposes of this paragraph, a substantially responsive tender is one which conforms to all terms and conditions of tendering. PGI determination of a tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.

The Preliminary Examination will check for the existence of the following mandatory documents:

- (i) Copy of certificate of Registration/Incorporation
- (ii) Copy of Valid tax compliance Certificate
- (iii) Valid Business Permit
- (iv) Solar System Installers Registration with EPRA
- (v) Audited Accounts for the last two (2) years (2022 and 2023)
- (vi) NCA 5 or above under building works or other relevant specialized category
(Electro-Mechanical Engineering services or Water and other civil works
- (vii) Provide a detailed production to delivery work plan.
- (viii) Submit a brief company profile indicating expertise in the works.
- (ix) Must fill the form of tender in the format provided
- (x) Fully filled tender document and returned in its original form without missing pages.

6. Language of offers

Tender should be received in English Language

7. Period of validity of offers

This bid will be valid for a minimum of one hundred and twenty (120) days from date of tender submission

8. Currency

The currency in this tender should be in Kenyan Shillings (Kshs)

9. Cost of Tendering

The contractor shall bear all costs associated with the preparation and submission of its tender, and PGI, will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.

10. Tender Form

- a) The Tenderer shall complete the Tender Form and the appropriate Price Schedule furnished in the Tender documents, including the sample of goods to be supplied, a brief description of the goods and prices.

11. Tender Prices

The Tenderer shall indicate on the appropriate Price Schedule the unit prices and total tender price for the works under the contract. Prices must be inclusive of VAT and any other taxes.

12. Type of contract

The contract offer is for specific quantity as described in the Bill of Quantities.

13. Contents

The tender document comprises the documents listed below, and addenda issued in accordance with Instructions to contractors

- I. Letter of Invitation to tender
- II. Tender Notice
- III. Instructions to tender
- IV. PGI Terms and conditions
- V. General conditions of contract
- VI. Specifications and drawings
- VII. Tenderer's Relevant Experience
- VIII. Tender technical evaluation
- IX. Tender's Declaration

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

14. Tenderer's Memorandum

- i. All tenders submitted shall (mandatory) include copies of the following documents: -
- ii. Copy of certificate of Registration/Incorporation
- iii. Copy of Valid tax compliance Certificate
- iv. Valid Business Permit
- v. Registration with National Construction Authority
- vi. Solar System Installers Registration with EPRA
- vii. Proof of experience in carrying out the proposed works. Submit names/references of three (3) clients where similar services have been successfully implemented within the last two (2) years.

- viii. Audited Accounts for the last two (2) years (2022 and 2023)
- ix. Provide a detailed production to delivery work plan.
- x. Submit a brief company profile indicating expertise in the works.
- xi. Must fill the form of tender in the format provided
- xii. Fully filled tender document and returned in its original form without missing pages.

15. Opening of tenders

All tenders will be opened on **8th January 2025 at 9.30 a.m.** by PGI procurement committee and bidder or their representatives who choose to attend are welcomed to witness the opening at PGI Garissa Office. Thereafter PGI procurement committee will carry on the evaluation of the tender process.

16. Evaluation of tender

The PGI procurement committee will evaluate all bids based on specifications, references, capacity, capability, financial and experience factors. Bids will not be evaluated on price alone but also on administrative compliance in order to be qualified. PGI is not bound to accept the lowest bidder. The decision of the procurement committee will be final and the outcome of the tender process will be communicated via email.

17. Clarification Meeting/Site Visit

The tenderers are highly advised to visit the site and acquaint themselves with the conditions on site before presenting their tenders. Where works are described as "to match existing, the Contractor must ensure that. No claim for want of knowledge arising from failure to ascertain the site conditions will be entertained or allowed under any circumstances.

18. Cancellation of the tender procedure

PGI Procurement committee has the liberty to cancel this process based on valid reasons and will state reasons for such actions.

19. Data Protection

PGI guarantees that all procurement activities are confidential and transparently documented for internal and donor audit purposes.

TENDER DATA SHEET

A. General		
1.1	Reference number of the Invitation to Tender (ITT)	PGI/019/12/2024
1.2	Procuring Entity is	Pastoralist Girls Initiative(PGI)
1.3	Name of the Project	Rehabilitation of Abdisamad Borehole in Balambala Sub-County in Garissa County
1.4	The components include the following:	<ul style="list-style-type: none"> i. Solarization and equipping of the borehole. ii. Installation of a 10,000-liter elevated PVC tank. iii. Rehabilitation of the existing water kiosk and two cattle troughs. iv. Connection of Abdisamad Primary School to the water supply system
1.5	The Procuring Entity shall use the electronic procurement system only to upload the tender documents on the website for access by the bidders but the bidders MUST NOT submit their bids electronically.	
B. Tendering Document		

2.1	The tenderers are highly advised to visit the site and acquaint themselves with the conditions on site before presenting their tenders. No claim for want of knowledge arising from failure to ascertain the site conditions will be entertained or allowed under any circumstances.	
2.2	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS	Any questions in writing should reach the Procuring Entity not later 6th January, 2025
C. Preparation of Tenders		
3.1	Alternative Tenders <i>“shall not be</i> considered.	
3.2	Alternatives to the Time Schedule <i>shall not be</i> permitted.	
3.3	The Tender document must be serialized	
3.4	Tenderers shall quote for the following components or services on a single-responsibility basis: As per the BoQ bills	
3.4	Place of destination:	Abdisamad village in Balambala Sub- County, Garissa County.
3.5	The prices quoted by the Tenderer shall not be subject to adjustment during the Performance of the Contract.	
3.6	The Tenderer is required to quote in Kenya Currency the portion of the Tender price that corresponds to expenditures incurred in that currency.	
3.7	Tender validity period	90 days.
3.8	Tender price adjustment	Not Applicable
3.10	Standstill Period	The Standstill Period is 5 Calendar Days after the date the Procuring Entity has transmitted to all Tenderers that submitted a Tender, the Notification of its Intention to Award the Contract to the successful Tenderer.
3.11	Procurement-related Complaint Procedures	The procedures for making a Procurement-related Complaint are detailed in the “Notice of Intention to Award the Contract” herein and are also available from the PPRA website info@ppra.go.ke or complaints@ppra.go.ke. For the attention: Abdinoor Bashir Title/position: Procurement officer Procuring Entity: Pastoralist Girls Initiative (PGI) Email address: procurement@pastoralistgirls.org In summary, a Procurement-related Complaint may challenge any of the following: 1. the terms of the Tendering Documents; and 2. the Procuring Entity’s decision to award the contract.

SECTION V: GENERAL CONDITONS OF CONTRACT

Definitions

In this Contract, the following terms shall be interpreted as indicated:

- i. “The Contract” means the agreement entered into between PGI and the contractor as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

- ii. The term "The Contractor" means the individual or firm supplying the Goods under this Contract to PGI.
- iii. "The Contract Price" means the price payable to the Tenderer under the contract for the full and proper performance of its contractual obligations.
- iv. The Contractor's Bid is the completed bidding document submitted by the Contractor to PGI
- v. Bill of Quantities means the priced and completed Bill of Quantities forming part of the Bid
- vi. The Works are what the Contract requires the Contractor to construct, install, and hand over
- vii. "PGI" means the procuring organization who employs the Contractor to carry out the Works.

(a) Use of Contract Documents and Information

The Contractor shall not, without PGI 's prior written consent, disclose the Contract, or any provision thereof, or any specification, or information furnished by or on behalf of PGI in connection therewith, to any person other than a person employed by PGI.

(b) Contractor in the performance of the Contract

The Contractor shall not, without PGI 's prior written consent, make public or advertise the fact that it is implementing the works for the PGI, nor shall contractor in any way whatsoever use the name and emblem of PGI.

(c) Inspection and Tests

PGI or its representative shall have the right to inspect and/or test the goods to confirm their conformity to the Contract specifications. PGI shall notify the Contractor in writing, in a timely manner, of the identity of any representatives retained for these purposes.

The inspections and tests may be conducted on the premises of the Contractor or its sub-contractor (s), while work is in progress, at point of delivery and/or at the good's final destination. If conducted on the premises of the Contractor or its sub-contractor(s), all reasonable facilities and assistance, including access to production data, shall be furnished to the inspectors at no charge to PGI.

Should any inspected or tested works fail to conform to the specifications, PGI may reject the works, and the Contractor shall either replace the rejected materials or make good part of the works to meet specification requirements free of cost to PGI.

PGI 's right to inspect, test and, where necessary, reject the works and materials after delivery shall in no way be limited or waived by reason of the works having previously been inspected, tested, and passed by PGI or its representative prior to the goods' delivery.

Nothing in the paragraphs stated above shall in any way release the Contractor from any warranty or other obligations under this contract.

(d) Goods, Personnel and Equipment

The Contractor shall employ the key personnel and use correct to carry out the Work. If PGI or Contractor determines, that any employee of the Contractor be determined to have engaged in Fraud and Corruption during the execution of the Works, then that employee shall be removed.

From the Starting Date until the Completion Date, the risks of personal injury, death, and loss of or damage to property (including, without limitation, the Works, Plant, Materials, and Equipment) which are not PGI's risks are Contractor's risks.

The Contractor is required to procure goods from local manufacturers or approved local distributors. Any goods, works and production processes with characteristics that have been declared by the relevant national environmental protection agency or by other competent authority as harmful to human beings and to the environment shall not be eligible for procurement.

(e) Contractor to Construct the Works

The Contractor shall construct and install the Works in accordance with the Specifications and Drawings. The Contractor shall be responsible for the safety of all activities on the Site.

The Works to Be Completed by the Intended Completion Date. The construction period shall be **2 months**

(f) Correction of Errors

Tenders that are substantially responsive will be checked by PGI for any arithmetic errors in computation and summation.

PGI shall not undertake any correction of errors.

Bids found to contain arithmetic errors will be rejected.

(g) Award of Contract

The award of the Contract will be made to the tenderer whose tender has been determined to be substantially responsive to the tendering documents and who has offered the lowest evaluated tender price, provided that such tenderer has been determined to be eligible.

PGI 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.

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 email. At the same time the other tenderers shall be informed that their tenders have not been successful.

Contract price variations shall not be allowed.

The Contractor is expected to start works immediately after award of the Contract.

(h) Payment

The Bill of Quantities shall contain priced items for the Works to be performed by the Contractor. The Bill of Quantities is used to calculate the Contract Price. The Contractor will be paid for the quantity of the work accomplished at the rate in the Bill of Quantities for each item.

Unless otherwise stated, all payments and deductions shall be paid or charged in the proportions of currencies comprising the Contract Price.

Items of the Works for which no rate or price has been entered in shall not be paid for by PGI and shall be deemed covered by other rates and prices in the Contract.

(i) Prices

Prices charged by the Contractor for goods delivered and services performed under the Contract shall not, with the exception of any price adjustments authorized in General conditions of contract, vary from the prices by the Contractor in its Tender.

(j) Assignment

The Contractor shall not assign, transfer, sublet or subcontract in whole or in part, its obligations to perform under this Contract, except with PGI 's prior written consent.

(k) Subcontracts

The Contractor shall notify PGI in writing of all subcontracts awarded under this Contract if not already specified in the Tender. Such notification, in the original Tender or later, shall not relieve the Contractor from any liability or obligation under the Contract.

(l) Progress reports

Weekly and monthly progress reports shall be prepared by the Contractor and submitted to PGI. Each report shall include charts and detailed descriptions of progress, manufacturing and delivery details, tests, safety statistics, comparison of actual and planned progress photographs, etc.

Reporting shall continue until the Contractor has completed all work which is known to be outstanding at the completion date stated in the Taking-Over Certificate for the Works.

(m) Termination for Default

PGI may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Contractor, terminate this Contract in whole or in part.

- i. If the Contractor fails to deliver any or all of the goods within the period(s) specified in the Contract, or within any extension thereof granted by PGI.
- ii. If the Contractor fails to perform any other obligation(s) under the Contract.
- iii. If the Contractor, in the judgment of PGI has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

In the event PGI terminates the Contract in whole or in part, it may procure, upon such terms and in such manner as it deems appropriate, goods similar to those undelivered, and the Contractor shall be liable to PGI for any excess costs for such similar Goods.

(n) Liquidated Damages

If the Contractor fails to deliver any or all of the goods within the period (s) specified in the contract, PGI shall, without prejudice to its other remedies under the contract, deduct from the contract prices liquidated damages sum equivalent to 5% of the price of the undelivered goods up to a maximum deduction of 10% of the undelivered goods. After this the Contractor may consider termination of the contract.

(o) Resolution of Disputes

PGI and the Contractor shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the contract.

If after thirty (30) days from the commencement of such informal negotiations both parties have been unable to resolve amicably a contract dispute, the provision of the arbitration Act of the Laws of Kenya shall apply.

(p) Language and Law

The Language of the contract and the law governing the contract shall be English language and the laws of Kenya respectively unless otherwise stated.

(q) Force Majeure

The Contractor shall not be liable for forfeiture of its performance security, or termination for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

SECTION VI: STANDARD FORMS

Notes on the sample Forms

Tenders Relevant Experience- this form/table must be completed using the format provide to summarize the major relevant supplies/services carried out in the course of the past 3 years. The number of references provided must not be less than 2 companies.

Form of Tender - The Form of Tender must be completed by the tenderer and submitted with the tender documents. It must also be duly signed by duly authorized representatives of the tenderer.

Confidential Business Questionnaire Form -This form must be completed by the tenderer and submitted with the tender documents.

Contract Form -The Contract Form shall not be completed by the tenderer at the time of submitting the tender. The Contract Form shall be completed after contract award and should incorporate the accepted contract price.



A. TENDERER'S RELEVANT EXPERIENCE

Tender reference PGI/019/12/2024

NGO/Company Name	Description of Contract	Total Contract Value	Dates	Contact Details in NGO/Co.	Related Services

B. TENDERER'S DECLARATION

Form of Tender

Date:

Tender No.

PASTORALIST GIRLS INITIATIVE
P.O. Box 457, 70100,
Garissa, Kenya.

In response to your invitation to tender for the above contract, we, the undersigned, hereby declare that:

1. Having examined and accepted in full the content of the dossier for invitation we hereby accept its provisions in their entirety, without reservations or restriction. We, the undersigned, offer to construct and complete the Works and remedy any defects in accordance with the Conditions of Contract, Specifications, Drawings and Bills of Quantities for the execution of **Rehabilitation of Abdisamad Borehole in Balambala Sub-County in Garissa County** for the sum of Kshs.....*Amount in words*
(.....) or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this tender.
2. We undertake, if our tender is accepted, to deliver the goods in accordance with the delivery schedule specified.
3. If our tender is accepted we will grant a discount of.....[%].
4. We agree to abide by this tender for a period of 7 days from the date fixed for Tender opening of the Instructions to Tenderers, and it shall remain binding upon us and may be accepted at any time before the expiration of the period.
5. Until a formal Contract is prepared and executed, this tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.
6. We understand that you are not a bound to accept the lowest or any TENDER you may receive.
7. We confirm that we are not engaged in any corrupt, fraudulent, collusive or coercive or coercive practices and acknowledge that if evidence contrary to this exists, PGI reserves the right to terminate the contract with immediate effect.
8. The code of conduct to which PGI expects all of its contractors to respect is as per the points listed below and we confirm that we adherer to this code.
 - Employment is freely chosen
 - The rights of staff to freedom of association and to collective bargaining are respected.
 - Working conditions are safe and hygienic
 - No exploitation of children is tolerated.
 - Wages paid are adequate to cover the cost of a reasonable living
 - Working hours are not excessive
 - No discrimination is practiced.
 - No harsh or inhumane treatment of staff is tolerated.
 - Environmental Standards are adhered to.
9. We affirm as a minimum, comply with all statutory and other legal requirements relating to environmental impacts of our business in: -
 - Waste management

- Packaging and paper
- Conservation
- Energy use
- Sustainability

Dated this-----day of -----20-----

(Signature) (In the capacity of)
Duly authorized to sign tender for and on behalf of

Company Name:

Title of Signatory:

Email Address

Tel. No.

Physical Address

Company Stamp:

C. CONFIDENTIAL BUSINESS QUESTIONNAIRE FORM

You are requested to give the particulars indicated in Part 1 and either Part 2(a), 2(b) or 2 (c) whichever applied to your type of business
 You are advised that it is a serious offence to give false information on this form

Part 2 (a) – Sole Proprietor				
Your name in full				
Age				
Nationality				
Country of origin				
• Citizenship details				
Part 2 (b) Partnership				
Given details of partners as follows:				
	Name	Nationality	Citizenship Details	Shares
1.	.....	.....	.....	.....
2.	.....	.....	.....	.....
3.	.....	.....	.....	.....
4.	.....	.....	.....	.....
Part 2 (c) – Registered Company				
Private or Public				
State the nominal and issued capital of company-				
Nominal Kshs.				
Issued Kshs.				
Given details of all directors as follows				
	Name	Nationality	Citizenship Details	Shares
1.	.....	.....	.....	.....
2.	.....	.....	.....	.....
3.	.....	.....	.....	.....
4.	.....	.....	.....	.....
5.	.....	.....	.....	.....
Date				
Signature of Candidate				

If a Kenya Citizen, indicate under "Citizenship Details" whether by Birth, Naturalization or registration.

D. CONTRACT FORM

THIS AGREEMENT made the _____ day of _____ 20 _____ between The PGI (hereinafter called "the PGI) of the one part and [name of tenderer] of [city and County of tenderer] (hereinafter called "the tenderer") of the other part;

WHEREAS the PGI invited tenders for certain goods] and has accepted a tender by the tenderer for the supply of those goods in the sum of [contract price in words and figures] (hereinafter called "the Contract Price).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to:
2. The following documents shall be deemed to form and be read and construed as part of this Agreement :
 - (a) Instructions to tender
 - (b) Tender Form and the Price Schedule submitted by the tenderer
 - (c) the Schedule of Requirements
 - (d) the Technical Specifications
 - (e) the General Conditions of Contract
 - (f) the Special Conditions of contract; and
 - (g) the PGI Notification of Award

In consideration of the payments to be made by PGI to the tenderer as hereinafter mentioned, the tender hereby covenants with the PGI to provide the goods and to remedy defects/mismatches/errors therein in conformity in all respects with the provisions of the Contract. PGI hereby covenants to pay the tenderer in consideration of the provisions of the goods 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 hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed, delivered by _____ the _____ (for the PGI)

Signed, sealed, delivered by _____ the _____ (for the tenderer in the presence of

(Amend accordingly if provided by Insurance Company)

E. LETTER OF NOTIFICATION OF AWARD

Pastoralist Girls Initiative

To: _____

RE: Tender No. _____

Tender Name _____

This is to notify you 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 14 days of the date of this letter.
3. You may contact the officer(s) whose particulars appear below on the subject matter of this letter of notification of award.

ANNEXE 1

PASTORALIST GIRLS INITIATIVE SAFEGUARDING POLICY

Pastoralist Girls Initiative (PGI) is a Registered NGO in Kenya. Pastoralist Girls Initiative (PGI) works to have an empowered pastoralist community able to realize its fullest potential in order to lead a dignified life with a mission of promoting sustainable development by enhancing pastoralist capacities through integrated development approaches. PGI prioritizes five key thematic areas to address poverty, social injustice and underrepresentation in decision making by overcoming challenges of gender disparity in access to education and resources, advocating against retrogressive cultural belief, engage communities on climate changes mitigation and adaptation, strengthening quality health care systems, amplifying women, girl's and indigenous voices. PGI works with various donors, stakeholders, collaborators and service providers in order to realise its vision

VALUES, PRINCIPLES AND BELIEFS AIM: we aim to protect children's rights including adults at risk, partner staff and staff within an organization against all forms of abuse and violence within families, schools, institutions, and communities. We support the prevention of exploitation, harmful traditional practices, and violence against children in their family and community; protection of children living in risky situations in communities; and restoration of children who have been abused, neglected, or exploited. Pastoralist Girls Initiative Safeguarding Policy takes care to be culturally sensitive and legally sound. This policy covers all beneficiaries, staff, Volunteers, Board members, Visitors, Partners, Contractors and others affiliated with partners or contractors. **Purpose of Policy:** This policy details the standards Pastoralist Girls Initiative will operate by to prevent, monitor, report and respond to harm or abuse suspected or known of all beneficiaries and associates We are committed to creating an environment where potential risks are identified, considered and minimized and there are clear responsibilities and easily accessible processes and procedures to ensure this in all areas of our work. We will meet our commitment to safeguard and protect all people in the following key areas:

- A. Awareness
- B. Prevention
- C. Reporting
- D. Responding

ANNEXE 2

EVALUATION CRITERIA

a) Preliminary Bid Responsiveness Assessment (Mandatory Requirements)

This will involve assessing whether bidders have complied with submission requirements and have also attached copies of mandatory eligibility and statutory documents. Evaluation at this stage will be conducted on Yes/No, and bidders are expected to comply with ALL required items so as to proceed to the next stage of evaluation.

No.	Completeness and Responsiveness Criteria	Requirement
1.	Valid Tax Compliance Certificate	- Copy of Valid Tax Compliance Certificate
2.	Registration with National Construction Authority	- Copy of Valid National Construction Authority (NCA 5)
3.	Certificate of Incorporation	- Copy of valid certificate - IDs of the Directors
4.	Two (2) years Audited Accounts (2022 & 2023)	- Copies of Audited Accounts for the last Two years (2022 & 2023)
5.	EPRA Certification	- Solar System Installers Registration with EPRA for the company of technician
6.	Proof of Experience	- Submit names/references of three (3) clients where similar services have been successfully implemented within the last two (2) years
7.	Work plan	- A detailed production to delivery work plan/ program
8.	Tender declaration	- Filled form of tender in the format provided
9.	Physical Location	- Copy of Valid Business Permit - Dully filled Business Questionnaires - Declaration and Company Stamp

Responsiveness at preliminary stage shall qualify candidates to Technical Evaluation Stage.

b) Technical Responsiveness Evaluation

Tenders will be evaluated to ensure that they are substantially responsive to the technical specifications and contract conditions stated in the Tender Document. The determination of a tender's technical responsiveness will be based on the contents of the tender itself, subject to any clarifications received in the preliminary examination of Tenders. Items of this evaluation will be scored as below.

Item	DESCRIPTION	POINT Score (marks)
1	EXPERIENCE.	Max 30
	names/references of three (3) clients where similar services have been successfully implemented within the last two (2) years	20
	Completion certificates attached. Attach practical completion certificate ONLY for past successfully delivered projects as evidence	10
2.	KEY PERSONNEL – Technical skill in terms of human resource. Attached CVs and certified copies of academic certificates detailing qualifications of key personnel who shall be involved in these assignments. The persons must be	Max 10

	working with the organization or sign on undertaking to work with the firm by the time of submitting this tender throughout the job if awarded	
3	PLANT AND EQUIPMENT – (Edited as per requirement of the specific job – State the specific machinery required and how many as per the attached table)	Max 10
4.	WORK METHODOLOGY	Max 30
	Program of works logically applicable to this task _To be revised to reflect that the best proposal with respect to the duration how long the Contractor anticipate the job will take gets the most marks	
	Detail Methodology _ Logically articulated	10
	Attach Clear work plan/ schedule of works for execution of project	10
	Methodology on safety, environment and social safeguards	10
	TOTAL	MAX 80
	REMARKS	

NB: The pass mark for technical evaluation will be 60%. Tenders scoring above 60% will proceed to financial evaluation.

c) Financial Evaluation

The maximum number of points assigned to the financial proposal is allocated to the lowest price proposal. All other financial proposals receive points in inverse proportion. The suggested formula is as follows:

$$p = y (\mu/z),$$

p = points for the financial proposal being evaluated,

y = maximum number of points for the financial proposal (here it is 20),

μ = price of the lowest financial proposal,

z = price of the financial proposal being evaluated

PGI will award the contract to the tenderer whose tender is determined to be substantially responsive to the tender documents and who scored the highest score as per formula below.

The Weights are as follows: -

Technical Proposal, T = 80%

Bid Amount, B = 20%

		Bidder 1	Bidder 2	Bidder 3
	Points			
TECHNICAL PROPOSAL SCORE; (T) - (Prorated to 80%)	80			
BID AMOUNT; (B) - (20%)	20			
Total Points	100			
RANKING		1	2	3

ADDITIONAL TENDERING FORMS

(The tenderer to strictly use the provided formats in providing information. The pages may be replicated where more than one is needed)

PERSONNEL FORM

Tenderers should provide the names and details of the suitably qualified Contractor's Representative and Key Personnel to perform the Contract.

Position	Name	Years of experience (general)	Years of experience in proposed position	

EQUIPMENT FORM

The Tenderer shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment listed in Section II, Evaluation and Qualification Criteria. A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Tenderer

Item	No.	Make	Model & Year	Owned/Hired	Present Location

WORK METHODOLOGY

- Method Statement
- Mobilization Schedule
- Construction Schedule
- Safety, Environmental & Social safeguards

BILLS OF QUANTITIES

1. The prices and rates inserted in the Bills of Quantities are to be the full inclusive costs of the works described under the items, complete in place and in accordance with the Specifications and Drawings, including setting out of the works, including costs and expenses which may be required in and for the construction of the works described, together with any temporary works and installations which may be necessary and all general risks, liabilities and obligations set forth or implied in the Documents on which the Contract is based
2. The unit rates for the various items listed in the BOQ shall include, except insofar as it is otherwise provided under the Contract, all labor, construction equipment, materials, erection, maintenance, supervision, insurances etc. set forth or implied in the Contract. These are all deemed to include all allowances for waste or surplus of any kind, which are not subject to measurement
3. The rates to be indicated in the Bills of Quantities shall be inclusive of all applicable Government duties and taxes including Value Added Tax (VAT).

Item No.	Description	Unit	Qty	Rate (Kshs)	Amount (Kshs)
A	ABDISAMAD BOREHOLE EQUIPPING AND SOLARIZATION WORKS				
	The proposed site is located in Abdisamad, at 0°03'09"N 39°39'24"E, about 70Km from Garissa Town.				
	Supply, deliver to site, install, test and commission the following				
1	Crystalline Photo Voltaic Solar Modules connected in panels of 335W, 24Vdc	No.	34		
2	Galv. Steel ground mount 3M structure	set	1		
3	Heavy duty 3m non corrosive riser pipes DN 50mm	No.	64		
4	7.5KW Sun inverter	Set	1		
5	10MM*4 CORE U/G CABLE	m	30		
6	1.5MM*2 CORE U/G CABLE	m	30		
7	ENCLOSURE 1000*500*350MM	No.	1		
8	1000 V/32A PV Disconnect Switch	No.	1		
9	PV PROTECT 1000VDC 125A	No.	1		
10	Lightning Arrestor	No.	1		
11	Earth rod complete with clamp	No.	1		
12	10MM2X1 SOLAR PV CABLE RED	m	10		
13	7.5 KW Pump c/w Pump End and Sub-mortar, with a discharge of 10.08m ³ /hr, Grundfos or its approved equivalent	set	1		
14	6mm2x4 core Standard PVC Flat submersible Drop Cable	m	180		
15	Londex standard Dual Core Cable	m	180		
16	PVC Pipe 25mm Class D	m	30		
17	Borehole cover complete with ball valve	No.	1		
18	Installation sundries	item	1		
19	G.I pipe Class C 2" of 6m (allow for threading on site to the required length)	Nr.	1		
20	2" Water Meter (Inclusive of all installation accessories)	Nr.	1		
21	2" Non- return valve (Inclusive of all installation accessories)	Nr.	1		
22	2" Brass Gate valve (Inclusive of all installation accessories)	Nr.	1		
23	2" Equal GI tee (Inclusive of all installation accessories)	Nr.	1		
24	2" Bend/Elbow	Nr.	2		
25	Borehole flushing prior to installation of the equipment	item	1		
	Total: Solarization and Equipping- Abdisamad				

Item No	Short Description	Units	Quantity	Rate (Kes.)	Amount (Kes.)
	Section B: Abdisamad Elevated steel structure and supply of 10000l pvc tank and communal water collection point				
	The proposed site is located in Abdisamad, at 0°03'09"N 39°39'24"E, about 70Km from Garissa Town.				
B	Water storage tank				
B.1	Excavation of foundations.	M ³	4		
B.2	backfilling and levelling of surplus excavated material	M ³	3		
B.3	Provide materials and cast 50 mm concrete C15/20 blinding	m ³	1		
B.4	Provide materials and cast reinforced concrete base C25/20 for foundation for the steel. Rate to include the cost of formwork	M ³	5		
B.5	Supply and erect 6m high steel tower. The tower should be constructed with 100mm x 100mm x 6mm RHS supported using 50x50x6mm angles	Sum	1		
B.6	Supply and erect on the tower a steel platform with 3mx3mx4mm chequered plates	Sum	1		
B.7	Supply & erect an external ladder for the tower using 65x9mm MS flat bars and 20mm MS rods spaced at 300mm c/c	Sum	1		
B.8	Supply & erect handrails for the tower using 40x40mm SHS	Sum	1		
B.9	Supply and install a pvc water tank of capacity 10,000 litres . The tank to be assembled complete with medium –pressure ball valve inlet, outlet connections and drain cock and all other connections including ball valve and Float. The contractor should allow For mounting on the tower and any other necessary item for its proper functioning. Cost shall include branding as directed by the Project Coordinator	No	1		
B.10	provide and connect 2" GI inlet pipe and fittings to complete the installation	m	8		
B.11	provide and connect 2" GI outlet pipe and fittings to complete the installation. Cost also to include a control valve for the tank outlet pipe	m	8		
B.12	Supply paints and paint tower with one coat of red oxide primer at works and two coats of bright aluminium paint at works	LS	1		

B.13	Allow for connection of the elevated tank, to the borehole outlet.	LS	1		
	Sub-Total for the storage tank				
C	Section C. Rehabilitation of the existing water kiosk				
	The existing kiosk located at 0°03'09"N 39°39'16"E, requires rehabilitation which includes; i. Repainting ii. Fabrication and fixing of the door iii. Repair to the plumbing items iv. Fixing and repainting of the fascia board				
C.1	Fabricate, deliver to site and fix standard steel purpose-made door size 900 x 2100mm. Rate to include painting with one coat of plastic emulsion paint after installation	no.	1		
C.2	Prepare and apply one coat of gloss paint to the walls of the kiosk, internally and externally. Cost to include cleaning the wall prior to the painting	m ²	25		
C.3	Supply plumbing items and fix three draw point at the kiosk	l/sum	1		
C.4	Cleaning and removal of debris, repair of concrete floor, and screed finish	m ²	4		
C.5	Allow for connection of the water kiosk to the elevated PVC tank using 63mm PN 12.5 HDPE pipes. Depth of pipeline- 600mm	m	300		
C.6	Allow for branding of the water kiosk as directed by the project coordinator	sum	1		
	Total Section C: Rehabilitation of the existing water kiosk				
D	Section D. Water storage tank and a communal water collection point at Abdisamid Primary School				
	<u>600mm high Tank platform</u>				
1	Clear site of all grass, bushes, shrubs undergrowth, and small trees including grubbing up roots and burn arisings.	m ²	30		
2	Excavate for strip footing, not exceeding 600mm deep starting from reduced level in built up foundations and cart away arisings.	m ³	5		
3	Allow for backfilling of foundations and spreading away surplus material	sum	1.0		
4	50mm thick Class 15 blinding under strip footing.	m ³	1.0		

5	200mm thick Class 20 Strip footing.	m ³	1		
6	600mm thick Hardcore fill	m ³	2.0		
7	200mm thick Class 20 Base	m ³	1.0		
8	supply and fix reinforcement bar including bendings ,hooks, tying wire, cutting spacers and supporting all in position	kgs	15		
9	Sawn formwork to Sides of strip footing, over 75mm but not exceeding 150mm high.	m ²	2.0		
10	300mm below ground level and 600mm high above ground level, masonry walling bedded and jointed in cement and sand (1:4) mortar and reinforced every alternate course with 25×3mm thick hoop iron	m ²	25		
11	12mm thick cement and sand (1:3)wood float render to the plinth.	m ²	5		
	<u>Storage tank and water connection</u>				
13	Supply and install a PVC water tank of capacity 10,000 litres. The tank to be assembled complete with medium –pressure ball valve inlet, outlet tap, outlet connections and drain cock and all other connections including ball valve and Float. The contractor should allow For mounting on a platform built by Concrete or any other necessary item for its proper functioning. The tank to be “ROTO” or approved equivalent. Cost to include branding as directed by the project coordinator	Nr.	1		
14	Allow for connection of Abdisamad Primary School tank to the water line using 63mm PN 12.5 HDPE pipes. Depth of pipeline- 600mm	m	100		
	<u>Communal water collection point</u>				
15	Supply materials and construct a yard tap platform for the three taps . Take drainage aspect into consideration. Allow for branding of the water collection point and connection to the water storage tank. All connections to be done using 1" PPR pipes and fittings	l/sum	1		
	<u>Provision of shade to the water storage tank</u>				
16	Provide and fix 75 x 2mm circular hollow sections. The CHS to be cast on 600mm(300mm below ground and 300mm above ground) concrete base	m	14.0		
17	Provide 3x2" treated timber and fix the roof support. Cost to include fixing and joining the timber to the CHS supports	m	15		
18	Provide and fix 3m long 28G iron sheets	no.	4		

	Total Section D: Water storage tank and a communal water collection point at Abdisamid Primary School				
	Total : Elevated steel structure and supply of 10000l pvc tank and communal water collection point and connection of Abdisamad Primary School				

Item No.	Description	Unit	Qty	Rate (Kshs)	Amount (Kshs)
	ABDISAMAD BOREHOLE REHABILITATION				
	The proposed site is located in Abdisamad, at 0°03'09"N 39°39'24"E, about 70Km from Garissa Town.				
E	FENCING				
E.1	Clearing the site(25m by 25m) of bushes	m ²	625		
E.2	Supply and fix precast concrete posts of size 125x125mm and 2.7m long/high of concrete grade C-20 placed at 3 metres apart c/c with 6 through holes for wire or bolt. The insitu mass concrete surround to be vibrated.	no.	38		
E.3	Supply and fix precast concrete 125mmx100mm and 2.1m long precast concrete strut posts of grade C-20 placed at corners and at the gate	no.	12		
E.4	Fix on the posts heavy gauge 2.1m high GI chain link mesh stretched and tightly tied. Rate to include providing and fixing GI chain link mesh GI staples (including the cost of GI staples, line wire, earthwork, concrete, struts, steel binding wire etc	m ²	245		
E.5	Securing bottom side of the chainlink with mass concrete	l/sum	1		
E.6	Double leaf gate size 4000x2000mm high comprising 50x100x3mm thick ungalvanised steel rectangular hollow section (RHS) gate posts, 40x25x2mm thick RHS braces, heavy duty Purpose made padlock lockig device all welded together and painted to approval.	no.	1		
	Total Element E. Fencing				

Item No.	Description	Unit	Qty	Rate (Kshs)	Amount (Kshs)
F	Section F: CATTLE TROUGHS				
	Provide materials and construct 2 No. cattle troughs as per the drawing. Cost shall include branding as directed by the Project Coordinator				
F.1	Foundation excavations	m ³	10		
F.2	300mm thick hardcore filling: deposit, spread, level and compact: with murrum blinding	m ³	6		
F.3	500mm Gauge polythene damp-proof membrane laid on blinded hardcore with 100mm folded side and end laps (measured net-allow for laps)	m ²	42		
F.4	50 mm blinding	m ³	0.5		
F.5	150 mm floor slab. Rate to include the cost of formwork	m ³	5		
F.6	150 mm thick Masonry Walls. Rate to include the cost of hoop iron reinforcement, internal plaster and external plaster	m ²	56		
F.7	A142 BRC Mesh reinforcement (Measured net allow for laps)	m ²	42		
F.8	Supply materials and complete plumbing works and connect the troughs to the water line using 63mm PN 12.5 HDPE pipes	m	400		
F.9	Dry stone pitching finish in cement/sand mortar (1:4) on 2m width surrounding the animal trough at a slope of 5% and 200mm thick including supply of stones and preparing surface complete.	m ³	14.4		
	Total Section F: Cattle troughs				

ABDISAMAD BOREHOLE REHABILITATION WORKS		
No.	Description	Amount
A	Total: Solarization and Equipping- Abdisamad	
B	Total : Elevated steel structure and supply of 10000l pvc tank and communal water collection point and connection of Abdisamad Primary School	
C	Total Element E. Fencing	
D	Total Section F: Cattle troughs	
	Total	