



## **Raia Development Initiative (RDI)**

**P.O. BOX 311-70200-Wajir**

**Email:** [raiadevelopmentinitiative@gmail.com](mailto:raiadevelopmentinitiative@gmail.com)

**Website:** [rdisomken.org](http://rdisomken.org)

### **TENDER DOCUMENT**

**PROPOSED CONSTRUCTION WORKS FOR GERILLEY BOREHOLE DRILLING IN  
GERILLEY WAJIR COUNTY**

**TENDER REFERENCE NO.: RDI/2025/06/11/2**

ISSUED ON: 11<sup>th</sup> November 2025

CLOSING DATE: 22<sup>nd</sup> November 2025

**November 2025**

# 1. INVITATION TO TENDER

## RAI DEVELOPMENT INITIATIVE (RDI) - KENYA

P.O Box 311 – 70200, Wajir.

Tell No.: +254721810316 /+254725311921

E-mail: [raiadevelopmentinitiative@gmail.com](mailto:raiadevelopmentinitiative@gmail.com)

### Proposed Construction works in Gerilley Wajir County

ITT Reference No: **RDI/2025/06/11/2**

Date: 11/11/2025

## SECTION I: LETTER OF INVITATION

1. Raia development Initiative (RDI), hereafter referred to as RDI invites prospective bidders to submit a sealed bid for the **Proposed Construction works in Gerilley borehole, Wajir County** in accordance with the General Conditions of Contract and the Schedule of requirements as set out in this Invitation to Tender (ITT).
2. Qualified and interested tenderers may obtain further information and inspect the Tender Documents during office hours *8:00am to 5:00pm* at the address given below.
3. A complete Set of Tender documents may be viewed and downloaded FREE from the website [rdisomken.org](http://rdisomken.org) Tenderers who download the tender document and wish to submit a bid must forward their particulars immediately to RDI Wajir Office or [raiadevelopmentinitiative@gmail.com](mailto:raiadevelopmentinitiative@gmail.com) to facilitate any further clarification or addendum.
4. Tenders shall be quoted in Kenya Shillings and shall include all taxes applicable. Tenders shall remain valid for **30 days** from the date of opening of tenders.
5. Completed bids must be delivered to the address below on or before **22/11/2025 at 4.00 p.m.** Electronic Tenders **will not be permitted**.
6. Bids will be opened immediately after the deadline date and time specified above or any dead line date and time specified later. Tenders will be publicly opened in the presence of the Tenderers' designated representatives who choose to attend at the address below. Late tenders will be rejected.

### Address for Submission and Opening of Tenders:

Name of Procuring Entity: Raia Development Initiative (RDI). Attention: Procurement Manager

Office [raiadevelopmentinitiative@gmail.com](mailto:raiadevelopmentinitiative@gmail.com)

Physical address: Raia Development Initiative (RDI), Office **Along I-Mall Shalete Road, Wajir.**

Finance/Procurement

**Raia Development Initiative (RDI)**

Raia Development Initiative (RDI) is a local non-governmental organization working with communities in Kenya, and Somalia. RDI is headquartered in Wajir, Kenya.

RDI's mandate over the years has been Humanitarian Response, Climate Action, Health and Nutrition, Peacebuilding and Governance, Research and Advocacy, Food Security and Livelihood (FSL), and Water, Sanitation and Hygiene (WASH).

RDI with support from Dariswanaag Kenya and funding from Adam Smith, is implementing a cross-border project titled '*Strengthening trust and resilience to violent extremism through sustainable water access between the ministry of interior (Wajir County) and the Gerilley Community.*' One of the deliverables is Proposed Drilling and Pump Testing of Borehole at Gerilley in Wajir County.

## 2. ESSENTIAL REQUIRED DOCUMENTS

The tenderer must attach the following documents to the tender to be submitted:

- i. Copy of Certificate of Incorporation/Registration.
- ii. Disclosure of business ownership (Directors/ Partners /Sole Proprietor). Attach a copy of CR12 Form.
- iii. Valid Business permit
- iv. KRA PIN with VAT obligation
- v. Copy of Valid and current Business Permit
- vi. Copy of Valid registration for National Construction Authority (NCA 5,6,7) Water Work and Building works.
- vii. Bidder to provide self-declaration that the person/tenderer will not engage in any corrupt or fraudulent practice.
- viii. Only certified Statement of comprehensive income for the last three years (**Max. 3 pages**) signed by auditors.
- ix. Company Profile with brief business description, physical location, address and company structure.
- x. Duly filled, completed and stamped BOQ.

**NB.** Only those who meet the mandatory requirement will proceed to technical evaluation.

## **Acronyms and Abbreviations**

<b>BD</b>	Bidding Document
<b>BDS</b>	Bid Data Sheets
<b>BOQ</b>	Bill of Quantities
<b>GCC</b>	General Conditions of Contract
<b>IFB</b>	Invitation for Bids
<b>ITB</b>	Instructions to Bidders
<b>JVCA</b>	Joint Venture, Consortium or Association
<b>PCC</b>	Particular Conditions of Contract
<b>KES</b>	Kenya Shillings (KES)

## **PART 1 – Bidding Procedures**

### **Section 1 - Instructions to Bidders (ITB)**

#### **Table of Clauses**

##### **Section I - Instructions to Bidders**

###### **A. General**

- 1. Scope of Bid**
  1. In connection with the Invitation for Bids **specified in the Bid Data Sheet (BDS)**, Raia Development Initiative issues these Bidding Documents for the procurement of the Works as specified in Part II Section VII, Works Requirements.
  2. Throughout this Bidding Document:
    - (a) the term “in writing” means communicated in written form and delivered against receipt;
    - (b) except where the context requires otherwise, words indicating the singular also include the plural and words indicating the plural also include the singular; and
    - (c) “day” means calendar day.
- 2. Source of Funds**
  1. Deris Wanaag through Raia Development Initiative has set aside funds to make eligible payments under the contract(s) for which these Bidding Documents are issued.
- 3. Corrupt and Fraudulent Practices**
  1. Raia Development Initiative and Deris Wanaag requires compliance with its Policy in regard to corrupt and fraudulent practices as set forth in Section VI.
- 4. Eligible Bidders**
  1. A Bidder must be a firm that is a private entity.
  2. A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this bidding process, if the Bidder:
    - a. directly or indirectly controls, is controlled by or is under common control with another Bidder; or
    - b. receives or has received any direct or indirect subsidy from another Bidder; or
    - c. has the same legal representative as another Bidder; or
    - d. has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the bid of another Bidder, or influence the decisions of Raia

Development Initiative and Deris Wanaag regarding this bidding process; or

- e. or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the bid; or
- f. or any of its affiliates has been hired (or is proposed to be hired) by Raia Development Initiative and Deris Wanaag as Engineer for the Contract implementation;
- g. has a close business or family relationship with a member of the professional staff of Deris Wanaag or Raia Development Initiative, who: (i) are directly or indirectly involved in the preparation of the bidding documents or specifications of the contract, and/or the bid evaluation process of such contract; or (ii) would be involved in the implementation or supervision of such contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to Raia Development Initiative and Deris Wanaag throughout the procurement process and execution of the contract. Bidders shall be required to make a declaration to this effect.

- 3. A Bidder MUST be registered in Kenya.
- 4. A Bidder that has been sanctioned by Raia Development Initiative and Deris Wanaag in accordance with the above ITB 3.1, shall be ineligible to be prequalified for, bid for, or be awarded a Deris Wanaag financed contract or benefit from an Deris Wanaag financed contract, financially or otherwise, during such period of time as Raia Development Initiative and Deris Wanaag shall have determined. The list of debarred firms and individuals is available at the electronic address **specified in the BDS**.
- 5. A Bidder shall provide such evidence of eligibility satisfactory to the Raia Development Initiative , as Raia Development Initiative shall reasonably request.

**5. Eligible Materials, Equipment and Services**

- 1. The materials, equipment and services to be supplied under the Contract and financed by Deris Wanaag may have their origin in any country subject to the restrictions specified in Section V, Eligible Countries, and all expenditures under the Contract will not contravene such restrictions. At Raia Development Initiative's request, Bidders may be required to provide evidence of the origin of materials, equipment and services.

**B. Contents of Bidding Document**

**6. Sections of Bidding Document**

1. The Bidding Document consist of Parts 1, 2, and 3, which include all the Sections specified below, and which should be read in conjunction with any Addenda issued in accordance with ITB 8.

**PART 1 Bidding Procedures**

Section I - Instructions to Bidders (ITB)

Section II - Bid Data Sheet (BDS)

Section III - Evaluation and Qualification Criteria

Section IV - Bidding Forms

**PART 2 Works Requirements**

Section VII - Works Requirements

**PART 3 Conditions of Contract**

Section VIII - General Conditions of Contract (GCC)

Section IX - Particular Conditions of Contract (PCC)

Section X - Contract Forms

2. The Invitation for Bids issued by the Employer is not part of the Bidding Document.
3. Unless obtained directly from the Raia Development Initiative Raia Development Initiative is not responsible for the completeness of the Bidding Documents, responses to requests for clarification, or Addenda to the Bidding Documents in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Raia Development Initiative shall prevail.
4. The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents and to furnish with its bid all information and documentation as is required by the Bidding Documents.

**7. Clarification of Bidding Document, Site Visit.**

1. A Bidder requiring any clarification of the Bidding Document shall contact Raia Development Initiative in writing at the email address **specified in the BDS**. Raia Development Initiative will respond in writing by email to any request for clarification, provided that such request is received prior to the deadline for submission of bids within a period **specified in the BDS**. Raia Development Initiative shall forward copies of its response to all Bidders who have acquired the Bidding Documents in accordance with ITB 6.3, including a description of the inquiry

but without identifying its source. Should the clarification result in changes to the essential elements of the Bidding Documents, Raia Development Initiative shall amend the Bidding Documents following the procedure under ITB 8 and ITB 22.2.

2. The Bidder is encouraged to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Bidder's own expense.

**8. Amendment of Bidding Document**

1. At any time prior to the deadline for submission of bids, Raia Development Initiative may amend the Bidding Documents by issuing addenda.
2. Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Document from Raia Development Initiative in accordance with ITB 6.3.
3. To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, Raia Development Initiative , at its discretion, extend the deadline for the submission of bids, pursuant to ITB 22.2.

**C. Preparation of Bids**

**9. Cost of Bidding**

1. The Bidder shall bear all costs associated with the preparation and submission of its Bid, And Raia Development Initiative and Deris Wanaag shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

**10. Language of Bid**

1. The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and Raia Development Initiative, shall be written in the language specified in the BDS. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

**11. Documents Comprising the Bid**

1. The Bid shall comprise the following:
  - a. Letter of Bid in accordance with ITB 12;
  - b. Completed Schedules, in accordance with ITB 12 and 14: as specified in the BDS;
  - c. written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.2;
  - d. documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the contract if its Bid is accepted;

e. Technical Proposal in accordance with ITB 16; and  
f. any other document required in the BDS.

**12. Letter of Bid  
and Schedules**

2. The Bidder shall furnish in the Letter of Bid information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.

1. The Letter of Bid and Schedules shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.2. All blank spaces shall be filled in with the information requested.

**13. Alternative  
Bids**

1. Alternative bids shall not be considered.

2. Bidders wishing to offer technical alternatives to the requirements of the Bidding Document must first price Raia Development Initiative design as described in the Bidding Document and shall further provide all information necessary for a complete evaluation of the alternative by Raia Development Initiative, including drawings, design calculations, technical specifications, breakdown of prices, and proposed construction methodology and other relevant details. Only the technical alternatives, if any, of the lowest evaluated Bidder conforming to the basic technical requirements shall be considered by Raia Development Initiative.

**14. Bid Prices  
and Discounts**

1. The prices and discounts (including any price reduction) quoted by the Bidder in the Letter of Bid and in the Schedules shall conform to the requirements specified below.

2. The Bidder shall submit a bid for the whole of the works described in ITB 1.1 by filling in prices for all items of the Works, as identified in Section IV. Bidding Forms. Items against which no rate or price is entered by the Bidder will not be paid for by Raia Development Initiative when executed and shall be deemed covered by the rates for other items and prices in the Bill of Quantities.

3. The price to be quoted in the Letter of Bid, in accordance with ITB 12.1, shall be the total price of the bid, excluding any discounts offered.

4. The Bidder shall quote any discounts and the methodology for their application in the Letter of Bid, in accordance with ITB 12.1.

5. Unless otherwise provided in the BDS and the Conditions of Contract, the prices quoted by the Bidder shall be fixed.

6. All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the date 28 days prior to the deadline for submission of bids, shall be included in the total bid price submitted by the Bidder.

7. If so, indicated in ITB 1.1, Bidders wishing to offer any price reduction for the award shall specify in their bid the price reductions applicable to the Contract. Price

**15. Currencies of Bid and Payment**

reductions or discounts shall be submitted in accordance with ITB 14.5.

1. The currency(is) of the bid and the currency(is) of payments shall be as specified in the BDS.

2. Bidders may be required by Raia Development Initiative to justify, to Raia Development Initiative satisfaction, their local and foreign currency requirements, and to substantiate that the amounts included in the Lump Sum, in which case a detailed breakdown of the foreign currency requirements shall be provided by Bidders.

**16. Documents Comprising the Technical Proposal**

1. The Bidder shall furnish a Technical Proposal including a statement of work methods, equipment, personnel, schedule and any other information as stipulated in Section IV, Bidding Forms, in sufficient detail to demonstrate the adequacy of the Bidders' proposal to meet the work requirements and the completion time.

**17. Documents Establishing the Qualifications of the Bidder**

1. In accordance with Section III, Evaluation and Qualification Criteria, to establish its qualifications to perform the Contract, the Bidder shall provide the information requested in the corresponding information sheets included in Section IV, Bidding Forms.

**18. Period of Validity of Bids**

1. Bids shall remain valid for the period specified in the BDS after the bid submission deadline date prescribed by Raia Development Initiative in accordance with ITB 22.1. A bid without a validity period or with a shorter period shall be rejected by Raia Development Initiative as nonresponsive.

2. In exceptional circumstances, prior to the expiration of the bid validity period, Raia Development Initiative may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided in ITB 18.3.

3. If the award is delayed by a period exceeding ninety (90) days beyond the expiry of the initial bid validity, the Contract price shall be determined as follows:

a. In the case of fixed price contracts, the Contract price shall be the bid price adjusted by the factor specified in the BDS.

b. Bid evaluation shall be based on the bid price without taking into consideration the applicable correction from those indicated above.

**19. Bid Security**

1. Not Required.

2. Notwithstanding that a bid security is not required if:

a.a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Letter of Bid, or

(b) the successful Bidder fails to: sign the Contract in accordance with ITB 41;

Raia Development Initiative may, if provided for in the BDS, declare the Bidder ineligible to be awarded a contract by Raia Development Initiative for a period of time as stated in the BDS.

**20. Format and Signing of Bid**

- 20.1 The Bidder shall prepare one original document comprising the Bid as described in ITB 11 and clearly mark it Original. Alternative Bids, if permitted in accordance with ITB 13, shall be clearly marked Alternative.
- 20.2 The Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified in the BDS and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid where entries or amendments have been made shall be signed or initialled by the person signing the Bid.
- 20.3 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialled by the person signing the Bid.

D. Tender Schedule

<b>Task</b>	<b>Tentative Tender Schedule</b>
Advertising of the tender	11 <sup>th</sup> November 2025
Closing of tender	22 <sup>nd</sup> November 2025 4:00 pm
Opening of tender	22 <sup>nd</sup> November 2025 10:00 am
Evaluation	23 <sup>rd</sup> – 26 <sup>th</sup> November 2025
Award	26 <sup>th</sup> November 2025

**E. Evaluation and Comparison of Bids**

**26. Confidentiality**

- 1. Information relating to the evaluation of bids and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with the bidding process until information on Contract award is communicated to all Bidders in accordance with ITB 40.
- 2. Any attempt by a Bidder to influence Raia Development Initiative in the evaluation of the bids or Contract award decisions may result in the rejection of its bid.
- 3. Notwithstanding ITB 26.2, from the time of bid opening to the time of Contract award, if a Bidder wishes to contact Raia Development Initiative on any matter related to the bidding process, it shall do so in writing.

**27. Clarification of Bids**

- 1. To assist in the examination, evaluation, and comparison of the bids, and qualification of the Bidders, Raia Development Initiative may, at

its discretion, ask any Bidder for a clarification of its bid giving a reasonable time for a response. Any clarification submitted by a Bidder that is not in response to a request by Raia Development Initiative shall not be considered. Raia Development Initiative's request for clarification and the response shall be written. No change, including any voluntary increase or decrease in the prices or substance of the bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by Raia Development Initiative in the evaluation of the bids, in accordance with ITB 31.

2. If a Bidder does not provide clarifications of its bid by the date and time set in Raia Development Initiative's request for clarification, its bid may be rejected.

1. During the evaluation of bids, the following definitions apply:

- (a) "Deviation" is a departure from the requirements specified in the Bidding Document;
- (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document; and
- (c) "Omission" is the failure to submit part or all of the information or documentation required in the Bidding Document.

1. Raia Development Initiative's determination of a bid's responsiveness is to be based on the contents of the bid itself, as defined in ITB11.

2. A substantially responsive bid is one that meets the requirements of the Bidding Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that,

- (a) if accepted, would:
  - (i) affect in any substantial way the scope, quality, or performance of the Works specified in the Contract; or
  - (ii) limit in any substantial way, inconsistent with the Bidding Document, Raia Development Initiative's rights or the Bidder's obligations under the proposed Contract; or
- (b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive bids.

3. Raia Development Initiative shall examine the technical aspects of the bid submitted in accordance with ITB 16, Technical Proposal, in particular, to confirm that all requirements of Section VII (Works Requirements) have been met without any material deviation, reservation or omission.

4. If a bid is not substantially responsive to the requirements of the Bidding Document, it

## **28. Deviations, Reservations, and Omissions**

## **29. Determination of Responsiveness**

**30. Nonconformities, Errors, and Omissions**

shall be rejected by Raia Development Initiative and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

1. Provided that a bid is substantially responsive, Raia Development Initiative may waive any non-material non-conformities in the bid.

2. Provided that a bid is substantially responsive, Raia Development Initiative may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities in the bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

3. Provided that a bid is substantially responsive, Raia Development Initiative shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price may be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component. The adjustment shall be made using the methods specified in Section III (Evaluation and Qualification Criteria).

**31. Correction of Arithmetical Errors**

1. Provided that the bid is substantially responsive, Raia Development Initiative shall correct arithmetical errors on the following basis:

- (a) if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of Raia Development Initiative there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

2. Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 31.1, shall result in the rejection of the Bid.

**32. Conversion to Single Currency**

1. For evaluation and comparison purposes, the currency(ies) of the Bid shall be converted into a single currency as **specified in**

**the BDS. All Raia Development Initiative Contracts shall be in Kenya Shillings (KES).**

**33. Margin of Preference**

1. Margin of Preference shall not apply for Raia Development Initiative procurements.

**34. Subcontractors**

1. Raia Development Initiative may permit subcontracting for certain specialized works as indicated in Section III. When subcontracting is permitted by Raia Development Initiative the specialized sub-contractor's experience shall be considered for evaluation. Section III describes the qualification criteria for sub-contractors.

2. Bidders may propose subcontracting up to the percentage of total value of contracts or the volume of works as **specified in the BDS.**

**35. Evaluation of Bids**

1. Raia Development Initiative shall use the criteria and methodologies listed in this Clause. No other evaluation criteria or methodologies shall be permitted.

2. All Bid which are not substantially responsive shall be rejected. To evaluate the responsive Bids, Raia Development Initiative shall consider the following:

- (a) the bid price, excluding Provisional Sums and the provision, if any, for contingencies in the Summary Activity Schedule;
- (b) price adjustment for correction of arithmetic errors in accordance with ITB 31.1;
- (c) price adjustment due to discounts offered in accordance with ITB 14.4;
- (d) converting the amount resulting from applying (a) to (c) above, if relevant, to a single currency in accordance with ITB 32;
- (e) price adjustment for nonconformities in accordance with ITB 30.3;
- (f) the additional evaluation factors are specified in Section III (Evaluation and Qualification Criteria);

**36. Comparison of Bids**

1. Raia Development Initiative shall compare the evaluated prices of all substantially responsive bids established in accordance with ITB 35.2 to determine the lowest evaluated bid.

**37. Qualification of the Bidder**

1. Raia Development Initiative shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid meets the qualifying criteria specified in Section III. Evaluation and Qualification Criteria.

2. The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17.1.

3. An affirmative determination of qualification shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event Raia Development Initiative shall proceed to the next lowest evaluated bid to make a similar determination of

**38. Employer's Right to Accept Any Bid, and to Reject Any or All Bids**

that Bidder's qualifications to perform satisfactorily.

1. Raia Development Initiative reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders. In case of annulment, communication shall be made to the bidders.

**F. Award of Contract**

**39. Award Criteria**

1. Subject to ITB 37.1, Raia Development Initiative shall award the Contract to the Bidder whose bid has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Document, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

**40. Notification of Award**

1. Prior to the expiration of the period of bid validity, Raia Development Initiative shall notify the successful Bidder, in writing electronically, via the Letter of Acceptance included in the Contract Forms, that its bid has been accepted.

2. Until a formal contract is prepared and executed, the notification of award (Letter of Acceptance) shall constitute a binding Contract between Raia Development Initiative and the successful Bidder.

3. Raia Development Initiative shall promptly respond in writing to any unsuccessful Bidder who, after notification of award in accordance with ITB 40.1, requests in writing the grounds on which its bid was not selected.

**41. Signing of Contract**

1. Promptly upon notification, Raia Development Initiative shall send the successful Bidder the Contract Agreement.

2. Within fourteen (14) days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to Raia Development Initiative.

**42. Performance Security**

1. Not Required

**43. Adjudicator**

1. Raia Development Initiative proposes the person **named in the BDS** to be appointed as Adjudicator under the Contract, at the hourly fee **specified in the BDS**, plus reimbursable expenses. If the Bidder disagrees with this proposal, the Bidder should so state in his Bid. If, in the Letter of Acceptance, Raia Development Initiative does not agree on the appointment of the Adjudicator, Raia Development Initiative will request the Appointing Authority designated in the Particular Conditions of Contract (PCC) pursuant to Clause 23.1 of the General Conditions of Contract (GCC), to appoint the Adjudicator.

## SCOPE OF WORKS

**Project Name:** Proposed Construction works in Gerille Borehole in Wajir South – Sub County, Kenya

**County:** Wajir

**Location:** Gerille

### DESCRIPTION

Gerille is a trading center along the Wajir, Bor, and Bardhere road in Wajir South Sub-County, approximately 4 kilometres from the Kenya-Somalia border, Grid location 37N 0715746 UTM 0183649 or N01°39'38.04" and E040°56'21.45". The center hosts a livestock market and supports various commercial activities. To address ongoing water shortages, local residents, through the Raia Development Initiative through DERIS WANAAG project, are collaborating with the County Government. Together, they conducted two hydrogeological surveys, both confirming that water extraction through drilling is viable. The proposed location is illustrated in Figs. 1 below.

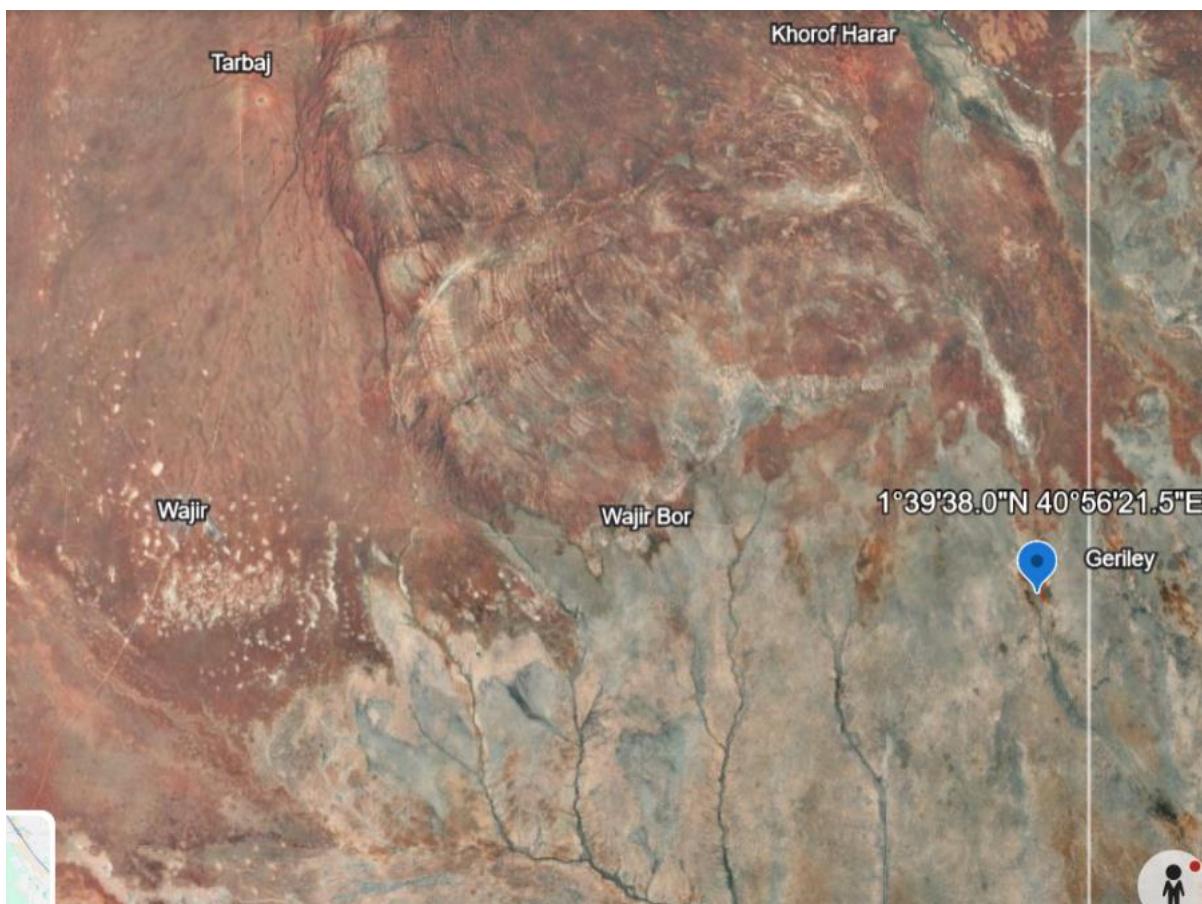


Fig 1. Site location map

### B. Objective

The main components for the proposed infrastructure within the proposed site are

1. Pump house/Battery Storage room
2. Solar PV System & Submersible Pump

3. Elevated water tank (48cum) & Water Supply within Borehole vicinity 500m.
4. Animal trough (camel, cattle/donkey, goats/sheep)
5. Water kiosk x 4
6. VIP Latrine & hand wash station x 2
7. Perimeter wall ( Masonry 95m)
8. 150cum Ground Tank
9. 6km Water Supply Line

## Section X - Contract Forms

This Section contains forms which, once completed, will form part of the Contract. The forms for Performance Security and Advance Payment Security, when required, shall only be completed by the successful Raia Development Initiative Bidder after contract award.

### Table of Forms

#### Contract Agreement

THIS AGREEMENT made the . . . . .day of . . . . ., . . . . ., between Raia Development Initiative as the implementing grantee for Deris Wanaag (Deris Wanaag) (hereinafter “the Employer”), of the one part, and . . . . . **[name of the Contractor]**. . . . .(hereinafter “the Contractor”), of the other part:

WHEREAS the Employer desires that the Works known as . . . . . **[name of the Contract]**. . . . .should be executed by the Contractor, and has accepted a Bid by the Contractor for the execution and completion of these Works and the remedying of any defects therein,

The Employer and the Contractor agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.
  - i. the Letter of Acceptance
  - ii. the Letter of Bid
  - iii. Bill of Quantities and Activity Schedule;
3. In consideration of the payments to be made by the Employer to the Contractor as specified in this Agreement, the Contractor hereby covenants with the Employer to execute the Works and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the 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 by the Contract.

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

Signed by:

Signed by:

for and on behalf of the Employer

for and on behalf the Contractor

in the  
presence of:

in the  
presence of:

Witness, Name, Signature, Address, Date

Witness, Name, Signature, Address,  
Date

### Integrity Statements

#### UNDERTAKING BY BIDDER ON ANTI – BRIBERY CONDUCT

This company \_\_\_\_\_ (*name of Company*) places importance on competitive tendering taking place on a basis that is free, fair, competitive and not open to abuse. It is pleased to confirm that it will not offer or facilitate, directly or indirectly, any improper inducement or reward to any Raia Development Initiative and Deris Wanaag officer their relations or business associates, in connection with its tender, or in the subsequent performance of the contract if it is successful.

This company has an Anti-Bribery Policy/ Code of Conduct and a Compliance Program which includes all reasonable steps necessary to assure that the No-bribery commitment given in this statement will be complied with by its managers and employees as well as by all third parties working with this company on the Deris Wanaag projects or contract including agents, Suppliers, consortium partners, sub-contractors and suppliers.

This Company understand and agrees to comply with the terms of Raia Development Initiative and Deris Wanaag's anti-corruption policy, available at the website of Adam Smith International, [www.adamsmithinternational.com/about-us/policies](http://www.adamsmithinternational.com/about-us/policies).

\_\_\_\_\_  
(*Name of the Authorized Person*)

\_\_\_\_\_  
*Signature*

On behalf of [COMPANY]

\_\_\_\_\_  
*Date*

\_\_\_\_\_  
*Company stamp/seal*

**Note: A copy of the Bidder's Anti-Bribery Policy must be attached to this Form.**

**UNDERTAKING BY ENTITY ON COUNTER TERRORISM**

This entity,.....understands the terrorism risk in operating in Kenya and has procedures in place to ensure that he/she, their staff and representatives:

- a. are aware of the risk of terrorism;
- b. do not associate with terrorists;
- c. will raise any concerns relating to terrorism with the relevant person at the entity;
- d. have processes in place to ensure prevention of the direct or indirect financing of terrorism; and
- e. are not subject to any financial sanctions under any UN, UK or EU terrorism legislation.

\_\_\_\_\_  
[Name]

\_\_\_\_\_  
*Signature*

[Title]

On behalf of [ENTITY]

\_\_\_\_\_  
*Date*

\_\_\_\_\_  
*Entity stamp/seal (if applicable)*

**FORM OF CONFLICTS OF INTEREST AND DECLARATION OF IMPARTIALITY AND CONFIDENTIALITY**

**Part I: Supplier Declaration of Potential Conflicting Relationships and/or Conflicts of Interest**

**Name of Supplier/Consultant/Contractor (all referred to as Vendors):**

**Name(s) of Chief Executive Officer and/or Managing Director and all Directors:**

**I, as the individual with the legal authority to represent the information for the above named Vendor, confirm that**

1. The above named Vendor (including its associates, if any, its Personnel and Sub-Consultants and any of its affiliates) has no business or family relationship with Raia Development Initiative and Deris Wanaag Directors or members of staff:

Name:

Signed:

2. The above named Vendor (including its associates, if any, its Personnel and Sub-Consultants and any of its affiliates) has no business or family relationship with Raia Development Initiative and Deris Wanaag Directors or members of staff or any other entity who is directly or indirectly involved in any part of (i) the preparation of the Terms of Reference of the assignment, (ii) the selection process for such assignment, or (iii) supervision of the Contract.

Name:

Signed:

3. List the following:

a) All individuals within the Vendor's organization (including its associates, if any, its Personnel and Sub-Consultants and any of its affiliates) that have and business or family relationship with Raia Development Initiative and Deris Wanaag Directors or members of staff;

b) Said Raia Development Initiative and Deris Wanaag Directors or members of staff and the nature of the relationship

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4. I understand that Raia Development Initiative and Deris Wanaag requires that all Vendors observe the highest standards of ethics during the procurement and execution of such contracts. In pursuance of this policy, I agree that (i) my company shall not, directly or through an agent, engage in Fraud and Corruption in competing for the Contract; (ii) Raia Development Initiative has the right to sanction, including declaring the my company ineligible, either indefinitely or for a stated period of time, award or continuation of an Raia Development Initiative Contract if at any time it has been determined that my company, directly or through an agent, engaged in Fraud and Corruption; (iii) Furthermore, I state that the company has not engaged in any such fraudulent or corrupt activities.

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

**Part II: Supplier Declaration of Impartiality and Confidentiality**

**Name of Supplier/Consultant/Contractor (all referred to as Vendors):**

**Name(s) of Chief Executive Officer and/or Managing Director and all Directors:**

1. I confirm that I understand that all information, written and verbal, relating to Raia Development Initiative or any other party, to which I have access either deliberately or inadvertently, while engaged with Raia Development Initiative in accordance with any Contract awarded to my organization, or at any time thereafter, is for the purpose of interaction with Raia Development Initiative and is wholly confidential to me and the person(s) who have provided the information.

2. I agree to for any Proposal Evaluation, Contract formation or negotiations that I may participate in, that I do not have any affiliation with any other parties submitting a proposal for this procurement. To the best of my knowledge and belief, neither I nor my spouse, dependent child, general partner, or any person organization which I am serving as an officer, director, trustee, general partner, or employee, or any person or organization with whom I am negotiating or have an arrangement concerning prospective employment, has a financial or other outside interest that can be affected by any decision or recommendation I make for or to Raia Development Initiative.

3. To the best of my knowledge, my spouse, dependent child, general partner, or any organization which I am serving (or have served within twelve months from the date of this declaration) as an officer, director, trustee, general partner, or employee, or any person or organization with whom I am negotiating or have an arrangement concerning prospective employment are not parties to and do not represent a party who has an interest in the matter.

4. I acknowledge my responsibility to disclose the acquisition of any financial or other outside interest as described above that would be affected by any action I may take on behalf of Raia Development Initiative.

5. I acknowledge that nothing in this form amends or lessens the terms of any contract between the parties.

Name:

Vendor:

Signed:

Date:

**Name of Supplier/Consultant/Contractor (all referred to as Vendors):**

**Name(s) of Chief Executive Officer and/or Managing Director and all Directors:**

1. I confirm that I understand that all information, written and verbal, relating to Raia Development Initiative or any other party, to which I have access either deliberately or inadvertently, while engaged with Raia Development Initiative in accordance with any Contract awarded to my organization, or at any time thereafter, is for the purpose of interaction with Raia Development Initiative and is wholly confidential to me and the person(s) who have provided the information.

2. I agree to for any Proposal Evaluation, Contract formation or negotiations that I may participate in, that I do not have any affiliation with any other parties submitting a proposal for this procurement. To the best of my knowledge and belief, neither I nor my spouse, dependent child, general partner, or any person organization which I am serving as an officer, director, trustee, general partner, or employee, or any person or organization with whom I am negotiating or have an arrangement concerning prospective employment, has a financial or other outside interest that can be affected by any decision or recommendation I make for or to Raia Development Initiative .

3. To the best of my knowledge, my spouse, dependent child, general partner, or any organization which I am serving (or have served within twelve months from the date of this declaration) as an officer, director, trustee, general partner, or employee, or any person or organization with whom I am negotiating or have an arrangement concerning prospective employment are not parties to and do not represent a party who has an interest in the matter.

4. I acknowledge my responsibility to disclose the acquisition of any financial or other outside interest as described above that would be affected by any action I may take on behalf of Raia Development Initiative .

5. I acknowledge that nothing in this form amends or lessens the terms of any contract between the parties.

Name: \_\_\_\_\_

Vendor: \_\_\_\_\_

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

## **SECTION : BILL OF QUANTITIES**

PREAMBLE	
1	The Bill of Quantities form part of the Contract Documents and are to be read in conjunction with the designs and technical specifications.
2	The prices and rates to be inserted in the Bill of Quantities will include Contractor's overheads and profits for execution of the work.
3	Each item in the Bill of Quantities contains only a brief description of the proposed work. Fuller details and directions of the work to be done, the materials to be used, the standards of workmanship, methods of measurement and payment are to be found in the various sections of the Specifications.
4	The Quantities set forth in the Bill of Quantities are estimated and representing substantially the work to be carried out. There is no guarantee to the Contractor that they will be required to carry out all the quantities of work indicated under any one particular item or group of items in the Bill of Quantities. The basis of payment shall be the Contractor's rates and the quantities of work actually done in fulfilment of his obligation under the Contract.
5	The Tenderer is required to visit the site of the proposed work, as it their responsibility to ascertain the conditions governing access to the site, the external working space, storage area and any other information that they may find necessary before they can tender for the work.
6	Cost and expenses in connection with any other preliminary item which is not listed in the Bill of Quantities , but is necessary for the due completion of works, is deemed to be included in the tender rates.
7	Mechanical plant and equipment which emits excessive noise, smoke, fumes, obnoxious gases etc., will not be allowed to be used in the Site, without the prior approval of the Engineer.
8	The contractor shall be responsible for any loss or damage to the works, existing structures, adjoining structures and unfixed materials.
9	The contractor shall be responsible for provision of safety measures as directed by the Engineer.
10	The contractor shall be responsible for provision of sanitary facilities near all work stations. The cost of these shall be included in the rates.
11	The contractor shall be responsible for providing necessary lighting, watchmen and other suitable security measures during construction until handing over.

**ANNEX 1**

**BOQ**

<b>1. BILL NO. 2: PUMP HOUSE /BATTERY STORAGE ROOM</b>					
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE (KES)</b>	<b>TOTAL (KES)</b>
<b>1</b>	<b>SUBSTRUCTURE (Provisional)</b>				
<b>1</b>	<b>Excavation</b>				
1.1	Excavation including maintaining and supporting sides and keeping free from water, mud and fallen materials by bailing, pumping or otherwise	Item	1.00		-
1.2	Prepare site by stripping top 200 mm of soil to remove all debris including sand (if any) from site and carting away spoil	m <sup>2</sup>	32.60		-
1.3	Excavate to reduce levels not exceeding 1.50m deep average depth 300mm	m <sup>3</sup>	9.78		-
1.4	Excavate for foundation strip commencing at reduced levels depth not exceeding 1.50m deep	m <sup>3</sup>	45.96		-
1.5	Extra-over for excavation in rock	m <sup>3</sup>	4.60		-
1.6	Remove surplus excavated material from site	m <sup>3</sup>	17.75		-
1.7	Backfill around foundation	m <sup>3</sup>	31.14		-

	<b>Filing</b>				
1.8	300 mm thick approved hardcore filling spread, well rammed and compacted in 150mm layers to receive concrete surface bed	m <sup>3</sup>	7.35		-
	<b><u>In situ concrete: class 15: mix 1:3:6</u></b>				
1.10	50mm blinding layer on hardcore surfaces and under foundations	m <sup>2</sup>	55.14		-
1.11	Treat hardcore surface with approved insecticide	m <sup>2</sup>	24.50		-
	<b>Concrete work</b>				
	<b><u>Reinforced Concrete class 20</u></b>				
1.12	Strip foundation	m <sup>3</sup>	4.60		-
1.13	150mm thick floor slab with surface steel trowelled smooth	m <sup>2</sup>	29.64		-
	<b>Expansion Joint</b>				
1.14	Form 20mm wide expansion joint with flexcell joint filler and polysulphide joint sealant for the plinth	m <sup>2</sup>	2.60		-
	<b>Total page 1 to Substructures Collection</b>				-
	<b>Concrete Work</b>				

1.15	150mm thick sloping ramp	m <sup>2</sup>	5.80		-
1.16	300 mm thick generator plinth	m <sup>3</sup>	0.78		-
	<b>Reinforcement</b>				
1.17	10mm and 8mm diameter high tensile reinforcement bars	kg	200.00		-
1.18	Mesh fabric reinforcement ref. No. A142 laid in floor slab with minimum 150 mm side allowance	m <sup>2</sup>	29.64		-
1.19	Mesh fabric reinforcement ref. No. A393 laid in generator plinth with minimum 150 mm side allowance	m <sup>2</sup>	2.60		-
	<b>Sawn formwork</b>				
1.20	Formwork to sides of generator plinth girth over 75mm but not exceeding 150mm	m	7.20		-
1.21	Formwork to edges of floor slab girth over 75mm but not exceeding 150mm	m	23.00		-
	<b>Walling</b>				
1.22	400mm Thick rubble stone foundation walling in cement and sand mortar (1:3)	m <sup>2</sup>	32.89		-
1.23	One layer 1000gauge polythene sheet damp proof membrane under beds: 300mm laps	m <sup>2</sup>	29.64		-

1.24	200mm wide Bituminous felt damp-proof course	m	23.65		-
	<b><u>Plinths</u></b>				
1.25	15mm thick cement sand rendering (1:3) to plinths	m <sup>2</sup>	13.80		-
1.126	Prepare and apply three coats black bituminous paint to rendered plinths externally	m <sup>2</sup>	13.80		-
<b>Total page 2 to Substructures Collection</b>					-
<b><u>SUBSTRUCTURES COLLECTION</u></b>					
<b>Total from page 1</b>					-
<b>Total from page 2</b>					-
<b>SUBSTRUCTURES SUB TOTAL TO SUMMARY</b>					-
<b>2</b>	<b>SUPERSTRUCTURES</b>				
	<b>Walling</b>				
2.1	200mm Thick load bearing solid concrete block walling	m <sup>2</sup>	44.04		-

2.2	200mm louvered blocks	m <sup>2</sup>	13.23			-
	<b>Concrete Work</b>					
	<u>Vibrated reinforced concrete class 20 (1:2:4) with 20mm maximum aggregate as described in:</u>					
2.3	Ring Beam	m <sup>3</sup>	2.39			-
	<b>Reinforcement</b>					
2.4	8mm Diameter high tensile reinforcement bar	kg	55.00			-
2.5	Ditto but 10mm	kg	20.00			-
	<b>Sawn Formwork</b>					
2.6	Formwork to sides and soffits of ring beam	m <sup>2</sup>	23.92			-
	<b>Roofing</b>					
	<b><u>Roof Structure</u></b>					
	<u>Sawn celcured cypress timber as described in:</u>					
2.7	200mm x 25mm Fascia Board	m	22.52			-

2.8	100x50mmRafters	m	24.00		-
2.9	100mm x 50mm wall plate	m	32.04		-
2.10	50 x 50 Purlins	m	68.00		-
	<b><u>Roof Covering</u></b>				
2.11	28 Gauge galvanized corrugated prepainted iron sheets fixed to timber Purlins	m <sup>2</sup>	43.30		-
	<b>Painting and Decorating</b>				
2.12	Knot prime stop and apply two undercoats and one gloss finishing coat oil paint to fascia board 200- 300 mm wide	m	22.52		-
<b>Total page 3 to Superstructures Collection</b>					-
	<b>Doors and Windows</b>				
2.13	Purpose-made steel casement double door, manufactured from standard sections, finished with pressed steel horizontal louvers and complete with all the necessary ironmongery overall size 2500 x 2300mm high	No	1.00		-

2.14	Purpose-made steel casement double door, manufactured from standard sections, finished with pressed steel horizontal louvers and complete with all the necessary ironmongery overall size 1500 x 2300mm high (Provisional)	No	1.00		-
2.15	Metal grill window with wire mesh overall size 2300x900mm high	No	2.00		-
2.16	Precast concrete window cill size 260 x 50mm Thick sunk - weathered and throated and bedded and jointed in cement sand mortar	m	5.75		-
2.17	Prepare and apply two undercoats and one finishing coat oil paint to steel door	m <sup>2</sup>	9.20		-
2.18	Ditto windows	m <sup>2</sup>	4.14		-
	<b>Finishes</b>				
	<b><u>Floor Finishes</u></b>				
	<u>Cement and sand mortar (1:3) in:</u>				
2.19	30mm thick steel trowelled screed	m <sup>2</sup>	24.50		-
2.20	100 x 25mm Thick skirting to junction with floor and wall finish	m	27.30		-
	<b><u>Wall Finishes</u></b>				
	-				

	<u>12mm lime plaster: steel trowelled finish: on concrete, block work or stonework: to</u>				
2.21	Walls and beams	m <sup>2</sup>	56.00		-
	<u>Prepare and apply three coats plastic emulsion paint to:</u>				
2.22	Plastered surfaces	m <sup>2</sup>	56.00		-
<b>Total page 5 to Superstructures Collection</b>					-
<b><u>SUPERSTRUCTURE COLLECTION</u></b>					
<b>Total from page 3</b>					-
<b>Total from page 4</b>					-
<b>SUPERSTRUCTURE SUB TOTAL TO SUMMARY</b>					-

	<b>GENERATOR ROOM</b>				
	<b>SUMMARY</b>				
	<b>(1) SUBSTRUCTURE</b>				-
	<b>(2) SUPERSTRUCTURE</b>				-
	<b>TOTAL COST OF PUMP HOUSE/BATTERY STORAGE ROOM</b>				-

**BILL NO. 3: SOLAR PV SYSTEM & SUBMERSIBLE PUMP**

ITEM	DESCRIPTION	UNIT	QTY	RATE (KES)	TOTAL (KES)
1	Dayliff DS8/50 borehole pump set (approx. 4 m <sup>3</sup> /h @ 275 m head) + accessories; supply, installation, testing & commissioning	Item	1		-
2	Ground-mounted Solar PV plant 15 kWp (Jinko 625 Wp modules) with 3-phase hybrid inverter and 30 kWh LiFePO <sub>4</sub> BESS	Item	1		-
3	Pump control & protection panel (VFD, protections, level controls), cabling & terminations	Item	1		-
4	Civil & structural works for PV array, equipment plinths, cable trenches, signage	Item	1		-

5	Earthing & lightning protection for PV and equipment	Item	1		-
6	Instrumentation, monitoring & SCADA (data logger, RS-485/TCP, remote portal)	Item	1		-
7	Documentation, training, spares, warranties, O&M manuals	Item	1		-
<b>TOTAL COST OF SOLAR PV SYSTEM &amp; SUBMERSIBLE PUMP</b>					-

**BILL NO.4: ELEVATED WATER TANK & WATER SUPPLY LINE WITHIN VICINITY OF BOREHOLE UPTO 500m**

ITEM	DESCRIPTION	UNIT	QTY	RATE (KES)	TOTAL (KES)
<b>1</b>	<b>FOUNDATION WORKS</b>				
	<b>Excavation</b>				
	<u>Excavation including maintaining and supporting sides and keeping free from water, mud and fallen materials by bailing, pumping or otherwise</u>				
1.1	Prepare site by stripping top 150 mm of soil to remove all debris including sand (if any) from site and carting away spoil	m <sup>2</sup>	22.28		-
1.2	Excavate trench commencing at reduced levels depth not exceeding 1.50m deep	m <sup>3</sup>	7.35		-

1.3	Pit excavation commencing at reduced levels depth not exceeding 1.50m deep	m <sup>3</sup>	32.00	-
1.4	Extra-over for excavation in rock	m <sup>3</sup>	3	-
1.5	Remove surplus excavated material from site	m <sup>3</sup>	10	-
1.6	Backfill around foundation	m <sup>3</sup>	30	-
<b>2</b>	<b>Filing</b>			
2.1	300 mm thick approved hardcore filling spread, well rammed and compacted in 150mm layers	m <sup>3</sup>	8.25	-
<b>3</b>	<b>Concrete work</b>			
	<u>Mass Concrete class 15 (1:3:6) with 20mm thick maximum aggregate size in</u>			
3.1	50mm Thick blinding	m <sup>2</sup>	17.60	-
3.2	50mm blinding layer on hardcore surfaces and under foundations	m <sup>2</sup>	25.00	-
	<u>Vibrated Reinforced Concrete class 25 (1:1.5:3) with 20mm thick maximum aggregate size in</u>			
-				

3.3	150mm thick floor slab with surface steel trowelled smooth	m <sup>2</sup>	25.00			-
-						
3.4	Ground beam	m <sup>3</sup>	1.44			-
-						
3.5	Column base	m <sup>3</sup>	8.00			-
	<u>Vibrated Reinforced Concrete class 25 (1:1.5:3) with 20mm thick maximum aggregate size in</u>					
3.6	Stub Columns	m <sup>3</sup>	1.50			-
	<b>Total page 1 to Foundation Collection</b>					-
<b>4</b>	<b>Reinforcement</b>					
4.1	Mesh fabric reinforcement ref. No. A142 laid in floor slab with minimum 150 mm side allowance	m <sup>2</sup>	25			-
4.20	Reinforcement bars (all sizes) as shown on drawings	kg	1,000			-
<b>5</b>	<b>Sawn formwork</b>					
5.1	Formwork to sides of column bases	m <sup>2</sup>	16.00			-

5.2	Formwork to sides of columns	m <sup>2</sup>	16.00		-
5.3	Formwork to Beams	m <sup>2</sup>	14.40		-
5.4	Base Plate				
5.5	Anchor bolts and base plates for tower	Item	1		-
<b>Total page 2 to Foundation Collection</b>					-
<b>Collection</b>					
<b>Total from Page 1</b>					-
<b>Total from Page 2</b>					-

**BILL NO.5: ANIMAL WATER TROUGHS**

ITEM	DESCRIPTION	UNIT	QTY	RATE (KES)	TOTAL (KES)
1	<u><b>WATER TROUGH FOR CATTLE/DONKEYS</b></u>  <b>Excavation (Provisional)</b>  <u>Excavation including maintaining and supporting sides and keeping free from water, mud and</u>				

fallen materials by bailing, pumping or otherwise

1.1	Prepare site by stripping top 150 mm of soil to remove all debris including sand (if any) from site and carting away spoil	m <sup>2</sup>	56.14	-
1.2	Excavate for foundation strip commencing at stripped levels depth not exceeding 1.50m deep	m <sup>3</sup>	22.0	-
1.3	Extra-over for excavating in rock	m <sup>3</sup>	2.2	-
1.4	Remove surplus excavated material from site	m <sup>3</sup>	9.40	-
1.5	Backfill around foundation	m <sup>3</sup>	14.8	-

**Filing**

1.6	200 mm thick approved hardcore filling spread, well rammed and compacted in 150mm layers to receive concrete surface bed	m <sup>2</sup>	56.1	-
1.7	Treat hardcore surface with approved insecticide	m <sup>2</sup>	56.1	-

**Concrete work**

Mass Concrete class 15 (1:3:6) with 20mm thick maximum aggregate size in

1.8	50mm blinding layer under foundations	m <sup>2</sup>	14.6	-
1.9	50mm blinding layer on hardcore surfaces	m <sup>2</sup>	56.1	-

	<u>Vibrated reinforced concrete class 20 (1:2:4) with 20mm maximum aggregate as described in:</u>				
1.10	Strip foundation	m <sup>3</sup>	2.2		-
1.11	75mm thick concrete benching laid to falls and with surface steel trowelled rough (Optional)	m <sup>2</sup>	16.4		-
1.12	100 mm thick floor slab	m <sup>2</sup>	61.7		-
1.13	Ground beam 150*400mm	m <sup>3</sup>	16.4		-
	<b>Walling</b>				
1.14	400mm Thick rubble stone foundation walling in cement and sand mortar (1:3)	m <sup>2</sup>	18.00		-
1.15	200mm Thick load bearing solid concrete block walling	m <sup>2</sup>	7.50		-
	<b>Sub-Total to Collection</b>				-
	<b>Reinforcement</b>				
1.16	Mesh fabric reinforcement ref. No. A142 laid in floor slab with minimum 150 mm side allowance	m <sup>2</sup>	56.1		-
1.17	Reinforcement bars (All sizes) as shown on drawings	kg	231.7		-
	<b>Sawn formwork</b>				

1.18	Formwork to sides of foundation strip girth 150-225mm	m	5.2	-
1.19	Formwork to edges of floor slab girth not exceeding 75mm	m	31.5	-
1.20	Formwork to ground beam	m <sup>2</sup>	4.8	-
<b>Finishes</b>				
<u>Cement and sand mortar (1:3) in:</u>				
1.21	25 mm Thick paving to floor with water proof cement (Optional)	m <sup>2</sup>	6.0	-
1.22	15mm thick plaster to internal side of wall with water proof cement	m <sup>2</sup>	13.0	-
1.23	12mm thick plaster to external side of wall (Optional)	m <sup>2</sup>	4.3	-
1.23	25 mm Thick screed with approved hardener to floor steel trowelled rough (Optional)	m <sup>2</sup>	6.0	-
1.25	Rip rap jointed with mortar at the edge of the sloping floor to maximum of 2m all round	m <sup>2</sup>	79.0	-
<b>Water Supply System</b>				
1.26	<u>Galvanized mild steel pipes class "B" medium thickness with and including jointing fittings and fixed as described</u>			

1.27	25mm diameter inlet pipe chased through masonry wall 300 mm long with and including stop cork	No	2.0	-
1.28	25mm diameter inlet pipe	No	1.0	-
1.29	32mm diameter PVC draw off pipe 300mm long with and including gate valve	No	1.0	-
<b>Sub-Total to Collection</b>				-
<b><u>COLLECTION</u></b>				
<b>Sub-Total from page 1</b>				-
<b>Sub-Total from page 2</b>				-
<b>TOTAL COST OF CATTLE/DONKEYS</b>				-
<b>2</b>	<b><u>WATER TROUGH FOR CAMELS</u></b>			
	<b>Excavation (Provisional)</b>			
	<u>Excavation including maintaining and supporting sides and keeping free from water, mud and fallen materials by bailing, pumping or otherwise</u>			
2.1	Prepare site by stripping top 150 mm of soil to remove all debris including sand (if any) from site and carting away spoil	m <sup>2</sup>	58.58	-
2.2	Excavate for foundation strip commencing at stripped levels depth not exceeding 1.50m deep	m <sup>3</sup>	16.6	-

2.3	Extra-over for excavating in rock	m <sup>3</sup>	1.7	-
2.4	Remove surplus excavated material from site	m <sup>3</sup>	8.5	-
2.5	Backfill around foundation	m <sup>3</sup>	9.7	-
	<b>Filing</b>			
2.6	200 mm thick approved hardcore filling spread, well rammed and compacted in 150mm layers to receive concrete surface bed	m <sup>2</sup>	58.6	-
2.7	Treat hardcore surface with approved insecticide	m <sup>2</sup>	58.6	-
	<b>Concrete work</b>			
	<u>Mass Concrete class 15 (1:3:6) with 20mm thick maximum aggregate size in</u>			
2.8	50mm blinding layer under foundations	m <sup>2</sup>	11.0	-
2.9	50mm blinding layer on hardcore surfaces	m <sup>2</sup>	58.6	-
	<u>Vibrated reinforced concrete class 20 (1:2:4) with 20mm maximum aggregate as described in:</u>			
2.1	Strip foundation	m <sup>3</sup>	1.7	-
2.11	75mm thick concrete benching laid to falls and with surface steel trowelled rough	m <sup>2</sup>	17.9	-
2.12	100 mm thick floor slab	m <sup>2</sup>	64.4	-

2.13	Ground beam 150*400mm	m <sup>3</sup>	1.1		-
	<b>Walling</b>				
2.14	400mm Thick rubble stone foundation walling in cement and sand mortar (1:3)	m <sup>2</sup>	21.36		-
2.15	200mm Thick load bearing solid concrete block walling	m <sup>2</sup>	10.68		-
	<b>Sub-Total to Collection</b>				-
	<b>Reinforcement</b>				
2.16	Mesh fabric reinforcement ref. No. A142 laid in floor slab with minimum 150 mm side allowance	m <sup>2</sup>	58.6		-
2.17	Reinforcement bars (All sizes) as shown on drawings	kg	174.7		-
	<b>Sawn formwork</b>				
2.18	Formwork to sides of foundation strip girth 150-225mm	m	5.5		-
2.19	Formwork to edges of floor slab girth not exceeding 75mm	m	32.3		-
2.20	Formwork to ground beam	m <sup>2</sup>	5.3		-
	<b>Finishes</b>				
	<u>Cement and sand mortar (1:3) in:</u>				

2.21	25 mm Thick paving to floor with water proof cement	m <sup>2</sup>	6.4	-
2.22	15mm thick plaster to internal side of wall with water proof cement	m <sup>2</sup>	9.9	-
2.23	12mm thick plaster to external side of wall	m <sup>2</sup>	17.1	-
2.24	25 mm Thick screed with approved hardener to floor steel trowelled rough	m <sup>2</sup>	6.4	-
2.25	Rip rap jointed with mortar at the edge of the sloping floor to maximum of 2m all round	m <sup>2</sup>	66.2	-
<b>Water Supply System</b>				
<u>Galvanized mild steel pipes class "B" medium thickness with and including jointing fittings and fixed as described</u>				
2.26	25mm diameter inlet pipe chased through masonry wall 300 mm long with and including stop cork	No	1.0	-
2.27	25mm diameter inlet pipe	No	1.0	-
2.28	32mm diameter PVC draw off pipe 300mm long with and including gate valve	No	1.0	-
<b>Sub-Total to Collection</b>				-
<b><u>COLLECTION</u></b>				

	<b>Sub-Total from above</b>				-
	<b>Sub-Total from above</b>				-
	<b>TOTAL COST OF CAMEL TROUGH</b>				-
<b>3</b>	<b><u>WATER TROUGH FOR SHEEP/GOATS</u></b>				
	<b>Excavation (Provisional)</b>				
	<u>Excavation including maintaining and supporting sides and keeping free from water, mud and fallen materials by bailing, pumping or otherwise</u>				
3.1	Prepare site by stripping top 150 mm of soil to remove all debris including sand (if any) from site and carting away spoil	m <sup>2</sup>	48.41		-
3.2	Excavate for foundation strip commencing at stripped levels depth not exceeding 1.50m deep	m <sup>3</sup>	14.8		-
3.3	Extra-over for excavating in rock	m <sup>3</sup>	1.5		-
3.4	Remove surplus excavated material from site	m <sup>3</sup>	9.3		-
3.5	Backfill around foundation	m <sup>3</sup>	6.9		-
	<b>Filing</b>				
3.6	200 mm thick approved hardcore filling spread, well rammed and compacted in 150mm layers to receive concrete surface bed	m <sup>2</sup>	48.4		-
3.7	Treat hardcore surface with approved insecticide	m <sup>2</sup>	48.4		-

	<b>Concrete work</b>				
	<u>Mass Concrete class 15 (1:3:6) with 20mm thick maximum aggregate size in</u>				
3.8	50mm blinding layer under foundations	m <sup>2</sup>	9.8		-
3.9	50mm blinding layer on hardcore surfaces	m <sup>2</sup>	48.4		-
	<u>Vibrated reinforced concrete class 24 (1:2:4) with 20mm maximum aggregate as described in:</u>				
3.10	Strip foundation	m <sup>3</sup>	1.5		-
3.11	75mm thick concrete benching laid to falls and with surface steel trowelled rough (Optional)	m <sup>2</sup>	5.0		-
3.12	100 mm thick floor slab	m <sup>2</sup>	53.3		-
3.13	Ground beam 150*400mm	m <sup>3</sup>	0.8		-
	<b>Walling</b>				
3.14	400mm Thick rubble stone foundation walling in cement and sand mortar (1:3)	m <sup>2</sup>	19.68		-
3.15	200mm Thick load bearing solid concrete block walling	m <sup>2</sup>	4.92		-
	<b>Sub-Total to Collection</b>				-
	<b>Reinforcement</b>				

3.16	Mesh fabric reinforcement ref. No. A142 laid in floor slab with minimum 150 mm side allowance	m <sup>2</sup>	48.4	-
3.17	Reinforcement bars (All sizes) as shown on drawings	kg	132.9	-
<b>Sawn formwork</b>				
3.18	Formwork to sides of foundation strip girth 150-225mm	m	4.9	-
3.19	Formwork to edges of floor slab girth not exceeding 75mm	m	30.0	-
3.20	Formwork to ground beam	m <sup>2</sup>	4.2	-
<b>Finishes</b>				
<u>Cement and sand mortar (1:3) in:</u>				
3.21	25 mm Thick paving to floor with water proof cement (Optional)	m <sup>2</sup>	7.37	-
3.22	15mm thick plaster to internal side of wall with water proof cement	m <sup>2</sup>	2.68	-
3.23	12mm thick plaster to external side of wall (Optional)	m <sup>2</sup>	4.02	-
3.24	25 mm Thick screed with approved hardener to floor steel trowelled rough (Optional)	m <sup>2</sup>	7.4	-
3.25	Rip rap jointed with mortar at the edge of the sloping floor to maximum of 2m all round	m <sup>2</sup>	76.0	-

	<b>Water Supply System</b>				
	<u>Galvanized mild steel pipes class "B" medium thickness with and including jointing fittings and fixed as described</u>				
3.26	25mm diameter inlet pipe chased through masonry wall 300 mm long with and including stop cork	No	2.0	-	
3.27	25mm diameter inlet pipe	No	1.0	-	
3.28	32mm diameter PVC draw off pipe 300mm long with and including gate valve	No	1.0	-	
	<b>Sub-Total to Collection</b>			-	
	<b><u>COLLECTION</u></b>				
	<b>Sub-Total from page 6</b>			-	
	<b>Sub-Total from above</b>			-	
	<b>TOTAL COST OF SHEEP/GOATS TROUGH</b>			-	
	<b>Summary Page</b>				
1	Water Trough for Cattle/Donkeys				
2	Water Trough for Camels				

3	Water Trough for Sheep/Goats				
	<b>Total carried forward to Grand Summary page</b>				

**BILL NO.6: WATER KIOSK**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE (KES)</b>	<b>TOTAL (KES)</b>
<b>1</b>	<b>SUBSTRUCTURE (Provisional)</b>				
	<b>Excavation</b>				
	<u>Excavation including maintaining and supporting sides and keeping free from water, mud and fallen materials by bailing, pumping or otherwise</u>				
1.1	Prepare site by stripping top 200 mm of soil to remove all debris including sand (if any) from site and carting away spoil	m <sup>2</sup>	20.3		-
1.2	Excavate for foundation strip commencing at stripped levels depth not exceeding 1.50m deep	m <sup>3</sup>	16.5		-
1.3	Extra-over for excavation in rock	m <sup>3</sup>	2.5		-
1.4	Remove surplus excavated material from site	m <sup>3</sup>	11.5		-
1.5	Backfill around foundation	m <sup>3</sup>	5.0		-
	<b>Filing</b>				
1.6	300 mm thick approved hardcore filling spread, well rammed and compacted in 150mm layers to receive concrete surface bed	m <sup>3</sup>	5.5		-
	<b><u>In situ concrete: class 15: mix 1:3:6</u></b>				
1.7	50mm blinding layer under foundations	m <sup>2</sup>	16.5		-
1.8	50mm blinding layer on hardcore surfaces	m <sup>2</sup>	12.4		-
1.9	Treat hardcore surface with approved insecticide	m <sup>2</sup>	12.4		-
	<b>Concrete work</b>				
	<u>Reinforced Concrete class 20</u>				
1.10	Strip foundation	m <sup>3</sup>	3.3		-

1.11	400mm x 200mm ground beam	m <sup>3</sup>	1.6		-
1.12	100mm thick floor slab with surface steel troweled smooth	m <sup>2</sup>	9.2		-
1.13	100mm thick sloping ramp	m <sup>2</sup>	7.1		-
1.14	200 mm thick plinth	m <sup>2</sup>	1.3		-
<b>Total page 1 to Substructures Collection</b>					-
<b>Reinforcement</b>					
1.15	Reinforcement bars (all sizes) as shown on the drawings	kg	219.0		-
1.16	Mesh fabric reinforcement ref. No. A142 laid in floor slab with minimum 150 mm side allowance	m <sup>2</sup>	17.7		-
<b>Sawn formwork</b>					
1.17	Formwork to sides of foundation strip girth over 75mm but not exceeding 150mm	m	27.8		-
1.18	Formwork to sides of plinth girth over 150mm but not exceeding 225mm	m	3.3		-
1.19	Formwork to edges of floor slab girth over 75mm but not exceeding 150mm	m	17.2		-
<b>Walling</b>					
1.20	200mm Thick masonry foundation walling in cement and sand mortar (1:3)	m <sup>2</sup>	20.5		-
1.21	One layer 1000gauge polythene sheet damp proof membrane under beds: 300mm laps	m <sup>2</sup>	17.7		-
1.22	200mm wide Bituminous felt damp-proof course	m	11.6		-
1.23	Supply and fix 600x600x50mm thick medium duty precast concrete paving slabs in cement sand mortar	m <sup>2</sup>	1.8		-
<b>Plinths</b>					
1.24	15mm thick cement sand rendering (1:3) to plinths	m <sup>2</sup>	3.4		-
1.25	Prepare and apply three coats black bituminous paint to rendered plinths externally	m <sup>2</sup>	3.4		-
<b>Total page 2 to Substructures Collection</b>					-

	<b>Total from page 1</b>				-
	<b>Total from page 2</b>				-
	<b>SUBSTRUCTURES SUB TOTAL TO SUMMARY</b>				-
<b>2</b>	<b>SUPERSTRUCTURES</b>				
	<b>Walling</b>				
2.1	200 Thick load bearing solid concrete block walling	m <sup>2</sup>	27.1		-
2.2	200mm x 200mm ventilation block	No	2.0		-
	<b>Concrete Work</b>				
	<u>Vibrated reinforced concrete class 24(1:2:4) with 20mm maximum aggregate as described in:</u>				
2.3	Lintel & ring beam	m <sup>3</sup>	0.6		-
	<b>Reinforcement</b>				
2.4	8mm Diameter high tensile reinforcement bar	kg	21.3		-
2.5	Ditto but 10mm	kg	29.6		-
	<b>Sawn Formwork</b>				
2.6	Formwork to sides and soffits of ring beam	m <sup>2</sup>	2.9		-
	<b>Roofing</b>				
	<b><u>Roof Structure</u></b>				
	<u>Sawn celcured cypress timber as described in:</u>				
2.7	200mm x 25mm Fascia Board	m	15.0		-
2.8	100x50mmRafters	m	12.9		-
2.9	100mm x 50mm wall plate	m	8.6		-
2.19	50 x 50 Purlins	m	17.2		-
	<b><u>Roof Covering</u></b>				
2.20	28 Gauge galvanized corrugated iron sheets fixed to timber Purlins	m <sup>2</sup>	15.2		-
	<b>Painting and Decorating</b>				

2.21	Knot prime stop and apply two undercoats and one gloss finishing coat oil paint to fascia board 200-300 mm wide	m	15.0		-
<b>Total page 3 to Superstructures Collection</b>					-
<b>Doors and Windows</b>					
2.21	Purpose-made steel casement single door made of 15mm thick steel plate welded to the frame, 38x38x3mm thick steel angles for door main frame, 20x20x1.5mm RHS welded to steel plate by 200mm long fillet welds at 200mm, hedges and 8mm diameter steel bars embedded in the wall with mortar and welded onto the door frame for anchoring the door complete with all the necessary ironmongery overall size 1000 x 2100mm high	No	1.0		-
2.22	Purpose-made steel casement window made of 15mm thick steel plate welded to the frame, 38x38x3mm thick steel angles for window main frame, 20x20x1.5mm RHS welded to steel plate by 200mm long fillet welds at 200mm, hedges and 8mm diameter steel bars embedded in the wall with mortar and welded onto the window frame for anchoring the window complete with all the necessary ironmongery overall size 950 x 1100mm high	No	1.0		-
2.23	Precast concrete window cill size 260 x 50mm Thick sunk - weathered and throated and bedded and jointed in cement sand mortar	m	1.0		-
2.24	Prepare and apply two undercoats and one finishing coat oil paint to steel door	m <sup>2</sup>	4.0		-
2.25	Ditto windows	m <sup>2</sup>	1.9		-

	<b>Total page 4 to Superstructures Collection</b>				-
	<b>Finishes</b>				
	<b><u>Floor Finishes</u></b>				
	<u>Cement and sand mortar (1:3) in:</u>				
2.26	30mm thick steel troweled screed	m <sup>2</sup>	12.1		-
2.27	100 x 25mm Thick skirting to junction with floor and wall finish	m	11.0		-
	<b><u>Wall Finishes</u></b>				
	<u>Cement and sand mortar (1:3) rendering in:</u>				
2.28	13 mm Thick mortar rendering with steel float finish to masonry wall	m <sup>2</sup>	27.1		-
	<u>12mm lime plaster: steel troweled finish: on concrete, block work or stonework: to</u>				
2.29	Walls and beams	m <sup>2</sup>	27.1		-
	<u>Prepare and apply three coats plastic emulsion paint to:</u>				
2.30	Rendered surfaces	m <sup>2</sup>	27.1		-
2.31	Plastered surfaces	m <sup>2</sup>	27.1		-
2.32	1200mm long x 500mm wide timber built in table with 2No. Lockable drawers on 50x50mm timber support	No	1.0		-
	<b>Total page 5 to Superstructures Collection</b>				-

	<b><u>Soak pit</u></b>				
	<b>Excavation (Provisional)</b>				
	<u>Excavation including maintaining and supporting sides and keeping free from water, mud and fallen materials by bailing, pumping or otherwise</u>				
2.33	Prepare site by stripping top 150 mm of soil to remove all debris including sand (if any) from site and carting away spoil	m <sup>2</sup>	2.0		-
2.34	Pit excavation commencing at reduced levels depth not exceeding 1.50m deep	m <sup>3</sup>	3.0		-
2.35	Ditto 1.50 - 3.00 meters deep	m <sup>3</sup>	3.0		-
2.36	Remove surplus excavated material from site	m <sup>3</sup>	0.8		-
2.37	Backfill around foundation	m <sup>3</sup>	5.2		-
2.38	Hardcore fill	m <sup>3</sup>	0.8		-
	<b>Concrete Work</b>				
	<u>Vibrated reinforced concrete class 15 (1:3:6) with 20mm maximum aggregate as described in:</u>				
2.39	300mm thick cover slab	m <sup>3</sup>	0.6		-
	<b>Reinforcement</b>				
2.40	Mesh fabric reinforcement ref. No. A142 laid in slab with minimum 150 mm side allowance	m <sup>2</sup>	2.0		-
	<b>Sawn formwork</b>				
2.41	Formwork to edges of slab over 225mm girth but not exceeding 300mm	m	6.4		-
2.42	Formwork to soffits of cover slab	m <sup>2</sup>	0.8		-
	<b>Total page 6 to Superstructures Collection</b>				-
	<b><u>Catch pit</u></b>				
	<b>Excavation (Provisional)</b>				

	<u>Excavation including maintaining and supporting sides and keeping free from water, mud and fallen materials by bailing, pumping or otherwise</u>				
2.43	Prepare site by stripping top 150 mm of soil to remove all debris including sand (if any) from site and carting away spoil	m <sup>2</sup>	0.3		-
2.44	Pit excavation commencing at reduced levels depth not exceeding 1.50m deep	m <sup>3</sup>	0.4		-
2.45	Remove surplus excavated material from site	m <sup>3</sup>	0.3		-
2.46	Backfill around foundation	m <sup>3</sup>	0.1		-
	<b>Concrete Work</b>				
	<u>Vibrated reinforced concrete class 15 (1:3:6) with 20mm maximum aggregate as described in:</u>				
2.47	100mm thick base slab	m <sup>3</sup>	0.03		-
2.48	50mm thick walls	m <sup>2</sup>	1.6		-
	<b>Reinforcement</b>				
2.49	High tensile reinforcement bars in assorted sizes	kg	15.0		-
	<b>Sawn formwork</b>				
2.49	Formwork to edges of slab over 75mm girth but not exceeding 150mm	m	1.9		-
2.50	Formwork to sides of walls	m <sup>2</sup>	3.1		-
2.51	Mild steel cover comprising of Y16 bars welded to 25x25x6mm steel angles at 50mm centers	No	1.0		-
	<b>Total page 7 to Superstructure Collection</b>				-
	<b><u>SUPERSTRUCTURE COLLECTION</u></b>				
	<b>Total from page 3</b>				-
	<b>Total from page 4</b>				-

	<b>Total from page 5</b>				-
	<b>Total from page 6</b>				-
	<b>Total from page 7</b>				-
	<b>SUPERSTRUCTURE SUB TOTAL TO SUMMARY</b>				-

**BILL NO.7: LATRINE BLOCK**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE (KES)</b>	<b>TOTAL (KES)</b>
<b>1</b>	<b>ELEMENT No.1 : SUBSTRUCTURE:</b>				
1.1	Clear site including grubbing up all bushes and remove vegetable top soil and remove all debris from site	20	m <sup>2</sup>		
1.2	Excavate latrine pit in any material 2450x700x10,000mm deep commencing at oversite level	34.3	m <sup>3</sup>		
1.3	Excavate for strip foundation trenches 450mm wide commencing at oversite level and not exceeding 1000mm deep in any material as directed by the site supervisor, allow for lining with masonry blocks	18.48	m <sup>3</sup>		
1.4	Return, fill and ram selected excavated materials around foundations in 150mm deep layers	10.55	m <sup>3</sup>		
1.5	Supply, fill and ram good quality material as fill in layers of 100mm thick below the floor slab	1	m <sup>3</sup>		
	<b>Supply vibrated plain concrete class 15/20 with crushed aggregates as described:</b>				
1.6	In blinding 50mm thick.	0.92	m <sup>3</sup>		

**Supply vibrated plain concrete class 20/20 with crushed aggregate as described:**

1.7	In strip foundation 150 mm thick.	2.77	m <sup>3</sup>
1.8	In floor slab 100mm thick.	1.848	m <sup>3</sup>

**Supply Cement sand blocks prepared in the 1:3 ratio**

1.9	Building 200mm masonry wall reinforced in hoop iron at every alternate course	16.57 5	m <sup>2</sup>
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**Hardcore**

1.10	200mm thick bed of quarry stones or equivalent material, well compacted and blinded with fine aggregate to receive concrete	1.98	m <sup>3</sup>
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**Supply and fix 25mm thick sawn formwork in softwood as described.**

1.11	150mm high to edges of concrete floor slab.	9	m
1.12	100mm high to edges of floor concrete floor slab.	13	m

**Damp proof course**

1.13	200mm wide hessian based bituminous damp proof course to BS 743 type SA under walls lapped 150mm at joints laid on cement levelling screed	15.7	m
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1.14	A98 mesh to ground floor slab including 100mm laps	9.92	m <sup>2</sup>
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	Total carried forward to summary page					0.0
<b>2</b>	<b>ELEMENT No.2 : WALLS AND RING BEAMS</b>					
	<b>Supply Cement sand blocks prepared in 1:3 cement sand ratio</b>					
2.1	200mm thick masonry walling reinforced in hoop iron at every alternate course	40.25	m <sup>2</sup>			
	<b>Cast in-situ vibrated reinforced concrete mix 1:2:4 Crushed aggregate as described:</b>					
2.2	Lintel 200mm x 200mm.	0.75	m <sup>3</sup>			
2.3	Suspended floor slab 150mm thick	1	m <sup>3</sup>			
	<b>Supply and fix sawn formwork in softwood as described.</b>					
2.4	300mm high to edges of lintels	39	m			
2.5	150mm wide to soffits of lintels	6.2	m			
2.6	150mm wide to soffits of suspended floor slab	3.5	m <sup>2</sup>			
	<b>High Yield steel reinforcement bars, characteristic strength not less than 425N/mm<sup>2</sup>, to BS 4466:1969, and Mild Yield steel of characteristic strength 250N/mm<sup>2</sup> cut, bent, and fixed including all necessary binding wire and spacer bars:</b>					
2.7	Y10mm diameter bars in ring beam	48.05	Kg			

	Y8mm diameter bars in ring beam	23.38	Kg		
2.8	Y10mm diameter bars in suspended floor slab	20.1	Kg		
2.9	R6mm diameter bars in ring beam	9.75	Kg		
<b>Total carried forward to summary page</b>					<b>0.0</b>
<b>3</b>	<b>ELEMENT No. 3: ROOF STRUCTURE</b>				
	<b>Supply and fix the following in treated softwood cypress timber trusses No. 3 spanning 2150mm with a rise of 600mm including fabrication, hoisting into position</b>				
3.1	100mm x 50mm tie beams	12.81	m		
3.2	100mmx50mm rafters	17.93	m		
3.3	100mm x 50mm ties and struts .	8.56	m		
3.4	75mm x 50mm purlins	20.25	m		
3.5	100mm x 50mm wall plate	7.35	m		

3.6	200mm x 25mm Fascia /barge board	16.6	m		
	<b>Roof Covering main building</b>				
3.7	Gauge 28 corrugated iron sheets "Galsheet" or equal and approved including all nails and fixing. Area in plan	9.92	m <sup>2</sup>		
	<b>Total carried forward to summary page</b>				<b>0.0</b>
<b>4</b>	<b>ELEMENT No.4: DOORS AND WINDOWS</b>				
4.1	Supply 900X2100mm high softwood framed door, 1 1/4" thick flush paneled door sashes with a 100x50mm softwood timber frame, 3 pairs of hinges, two number 150mm barrel bolts. The outside barrel bolt to be lockable with padlock. The door to be painted in 3coats of clear furnish	2	Nr		
4.3	Precast concrete vent blocks , size 600x600mm including provision of mosquito netting between the two vents per opening	4	Nr		
	<b>Total carried forward to summary page</b>				<b>0.0</b>
<b>5</b>	<b>ELEMENT No.5: FINISHINGS</b>				

	<p><b>Floor Finishing's</b></p> <p><b><u>Cement and sand (1:3)</u></b></p> <p>25mm thick cement screed mix 1:3 finished: with red oxide powder and smooth steel trowel finish to the floor</p> <p>13mm thick 1:4 lime/gypsum plaster to internal walls to steel trowel finish and to external surfaces of the ring beam and 500mm high skirting to wooden float finish</p> <p><b>Painting</b></p> <p>Prepare and apply one undercoat and two coats of gloss paint on fascia boards</p> <p>Prepare surface and paint one undercoat and two coats of emulsion paint on internal walls</p> <p>Prepare surface and paint one undercoat and two coats of emulsion paint on external walls</p> <p>Supply and install a 4200mm long 100mm diameter heavy gauge uPVC vent pipe and cowl to the latrine as per the drawing</p>					
5.1		9	m <sup>2</sup>			
5.2		49	m <sup>2</sup>			
5.3		1.46	m <sup>2</sup>			
5.4		41	m <sup>2</sup>			
5.5		49	m <sup>2</sup>			
5.6		1	Nr			
	<b>Total carried forward to summary page</b>					<b>0.0</b>
<b>6</b>	<b>ELEMENT No.6 PLUMBING &amp; DRAINAGE</b>					
	<b>Sanitary fittings</b>					

6.1	Vitreous china ceramic wash hand basin complete with tap and trap	2	Nr		
6.2	Allow for connection to mains	1	Item		
6.3	Allow for drainage pipes and connection of sanitary fittings to pit latrine	1	Item		
<b>Total carried forward to summary page</b>					<b>0.0</b>
1	Substructure				0.0
2	Walls and Ring beams				0.0
3	Roof structure				0.0
4	Doors and windows				0.0
5	Finishing's				0.0
6	Plumbing & Drainage works				0.0
<b>Total Amount</b>					<b>0.0</b>
	2 X LATRINE BLOCKS				-

TOTAL COST OF LATRINE

-

**BILL NO. 8: PERIMETER WALL**

ITEM	DESCRIPTION	UNIT	QTY	RATE (KES)	TOTAL (KES)
	<b><u>BOUNDARY WALL - 95 LM</u></b>				
	-				
	-				
	<b><u>SUB-STRUCTURES (ALL PROVISIONAL)</u></b>				
	<u>Site clearance</u>				
A	Carefully remove all existing encumbrances average 1000mm wide; load and cart away arising debris	m	95		0.00
	<u>General mass Excavations: The rates to include supporting sides from falling and keeping excavations free from water. The quantities are net and the contractor's rate must allow for working allowances</u>	-	-	-	-
		-	-	-	-
	<u>Excavations</u>	-	-	-	-
		-	-	-	-
B	Excavate for column pits not exceeding 1.20 metres deep, starting from ground levels	cm	26		0.00
C	Excavate a trench for the foundation not exceeding 1.20 metres deep, starting existing from ground level	cm	52		0.00
	<u>Disposal</u>				
C	Return, fill and ram selected excavated material around foundations.	cm	45		0.00

D	Load, wheel and cart away surplus excavated material from site	cm	33		0.00
	<u>Concrete Work</u>				
	<u>Plain concrete class 15 in:</u>				
E	50mm blinding under strip footing	sm	44		0.00
F	Ditto but under column bases	sm	22		0.00
	<u>Reinforced concrete class (25) as described, in:-</u>				
G	Columns bases	cm	4		0.00
H	Columns	cm	1		0.00
I	Strip footing	cm	9		0.00
	<b>CARRIED FORWARD</b>	<b>KES</b>			<b>0.00</b>
	<b>BROUGHT FORWARD</b>	<b>KES</b>			<b>0.00</b>
A	<u>Reinforcement, as described:-[PROVISIONAL]</u>  <u>Deformed reinforcement bars to B.S 4461</u> - Assorted reinforcements (8mm, 10mm,12mm)	kg	850		0.00
	<u>Form work</u>				
	<u>Sawn formwork as described to:-</u>				

B	Sides of columns	sm	27	0.00
C	Sides of column bases	sm	22	0.00
D	Ditto to edges of strip foundations	sm	30	0.00

Walling

Walling in natural coursed stone obtained from an approved quarry, bedded and jointed in gauged mortar (1:3)

-

Substructure walling

-

E	200mm thick	sm	93	0.00
---	-------------	----	----	------

Expansion Joint

F	25mm wide flexcell expansion joint pointed with mastic sealant on both sides	sm	1	0.00
---	--	----	---	------

Damp proof courses, as described , to walls

G	200mm wide	m	95	0.00
---	------------	---	----	------

	<b>CARRIED TO SUMMARY</b>				<b>KES</b>		<b>0.00</b>
	<b><u>ELEMENT NO. 2</u></b>						
	<b><u>SUPERSTRUCTURES</u></b>						
	<u>Walling</u>						
	<u>Walling in coral rock from an approved quarry, bedded and jointed in gauged mortar (1:3); Superstructure walling</u>						
	-						
A	200mm thick walling reinforced with hoop iron in alternate courses and tacked in adjacent columns	sm	196				0.00
			-				
B	Form 100mm diameter holes in 200mm stone wall and make good (spaced at 6m c/c)	no	18				0.00
C	100mm diameter x 250mm long grey UPVC pipe in weep holes including sealing on both ends with Gause wire mesh	no	18				0.00
	<u>Concrete Work</u>						
	<u>Guaranteed strength vibrated reinforced concrete (1:2:4) in:</u>						
D	Columns	cm	3				0.00
	<u>Form work</u>						
	<u>Sawn formwork as described to:-</u>						

E	Sides of columns	sm	57		0.00
	<u>Reinforcement, as described:-[PROVISIONAL]</u>				
	<u>Deformed reinforcement bars to B.S 4461</u>				
	-				
F	Assorted reinforcements (8mm, 10mm,12mm)	kg	395		0.00
	<u>Expansion Joint</u>				
	25mm wide flexcell expansion joint pointed with mastic sealant on both sides	sm	3		0.00
	<u>External wall finishes</u>				
	Extra over walling for horizontal keying and flush vertical keys	sm	78		0.00
	<b>CARRIED FORWARD</b>	<b>KES</b>			<b>0.00</b>
	<b>BROUGHT FORWARD</b>	<b>KES</b>			<b>0.00</b>
	<u>Plaster</u>				
	-				
	<u>15 mm cement and sand (1:3) render, finished with wood float to:-</u>				
A	To masonry wall surfaces				
	a.Top courses, 300mm thick	sm	56		0.00
	b.Plinth surfaces	sm	84		0.00
B	Ditto but to columns	sm	29		0.00

	<p><u>Prepare and apply three coats first grade weatheguard emulsion paint on:-</u></p> <p>-</p> <p>To external surfaces</p>	sm	169			0.00
	<p><u>Precast Concrete</u></p> <p>-</p> <p><u>Precast concrete class 20 (12mm,aggregate) including formwork, finishing fair face on all exposed surfaces,and bedding and jointing in cement and sand (1:3) mortar</u></p> <p>-</p> <p>250x75mm twice weathered and throated coping</p>	lm	95			0.00
	<p>300x300x75mm four times weathered and throated pyramidal coping</p>	no	34			0.00
	<p><u>Razor wire</u></p> <p>Provide all materials and labour; erect coloured coated 450mm diameter razor wire including all necessary accessories to approval</p>	lm	95			0.00
	<b>CARRIED TO SUMMARY</b>			<b>KES</b>		<b>0.00</b>
	<p align="center"><b><u>BILL NO. 2</u></b></p> <p align="center"><b><u>BOUNDARY WALL</u></b></p> <p align="center"><b><u>SUMMARY</u></b></p>					
	Element 1 - Substructure					<b>0.00</b>
	Element 2 - Superstructure					<b>0.00</b>

	<b>TOTAL TO GRAND SUMMARY</b>			<b>KES</b>	<b>0.00</b>

**BILL NO. 9: 150CUM GROUND WATER TANK**

ITEM	DESCRIPTION	UNIT	QTY	RATE (KES)	TOTAL (KES)
<b>A</b>	<b>150m<sup>3</sup> Tank</b>				
	<u>THE FOLLOWING WORKS IN GROUND MASONRY 150M<sup>3</sup> STORAGE TANK INCLUDING SUPPLY OF ALL MATERIALS AND NECESSARY WORKS FOR PLACING, ERECTING, COMPLETION, TESTING AND COMMISSIONING.</u>				
9.1	<u>Excavation and Earth Works</u>				
9.1.1	Excavate in normal material to formation level, use appropriate selected materials as fill where required and cart away surplus	cm	48		-
9.1.2	Extra over excavation in decomposed rock/compacted murrum.	cm	8		-
9.1.3	Extra over excavation in rock as specified	cm	5		-
9.2	<u>Shuttering</u>				
9.2.1	Provide and fix sawn shuttering including propping, strutting and striking to the edge of base slab 200mm thick and all deemed to be included items.	m	50		-
9.2.2	Provide and fix wrought shuttering including propping, strutting and striking to the edge of roof slab, sides of beams, soffit of roof slab 150mm and allow for sloping and smooth trowel finish of slab.	sm	30		-

9.3	<u>Concrete blinding &amp; screed: Provide all materials, mix place concrete and screed and cure as specified.</u>				
9.3.1	Concrete blinding class 15/20mm thick to base slab and treat hardcore surface with 'TERMIDOR' or other eco approved anti termite treatment.	cm	3		-
9.3.2	Lay and compact 200mm thick hand-packed hardcore laid in layers not exceeding 150mm thick	cm	11		-
9.3.3	Vibrated Reinforced Concrete class 20/20mm to base slab, beams and roof slab. Allow for thickening at wall and column bases.	cm	45		-
9.3.4	25mm cement screed 1:2 cement/sand ratio include Water Proof Cement at a rate of 1Kg Water proof cement to 50Kg cement. Screed laid to falls of base slab.	sm	30		-
<b>Total collection to page</b>					-
9.4	<u>Provide all requisite approved materials and construct natural dressed stone walling as per drawings and specifications. Rate to include curing, 25mm mortar joint of 1:3 cement/sand, pointing and water proof cement at a ratio of 1Kg to 50Kg of cement.</u>				
9.4.1	300mmx225mm thick wall	sm	17		-
9.4.2	225mmx225mm thick wall	sm	70		-
9.5	Provide materials and render inside of reservoir walls with 25mm thick cement cement render with water proof additive 1:2 cement/sand ratio. Water proof additive to be at a rate of 1Kg to 50Kg cement	sm	83		-
9.6	Provide materials and render outside of reservoir walls with 20mm thick cement render 1:3 cement/sand ratio.	sm	105		-

9.7	Provide, cut, bend and fix steel reinforcement bars as specified. Spacers and binding wire are deemed to be included				
9.7.1	D8mm dia	Kg	150		-
9.7.2	D10mm dia	Kg	1250		-
9.7.3	D12mm dia	Kg	120		-
9.7.4	D16mm dia	Kg	400		-
9.8	<u>Bondex and lime</u>				
9.8.1	Provide and apply lime as specified	Kg	30		-
9.8.2	Provide and apply bondex as specified	Kg	35		-
9.9.	<u>Manhole and ladder:Rate to include for application of 3 coats of paint</u>				
9.9.1	Allow for construction of 600x600mm access manhole, include for supply and fixing of lockable mild steel cover 16 gauge	No.	1		-
9.9.2	Provide materials and fix galvanised cat ladder to outside of reservoir (stringers- 2.5mx50mmx10mm flat bar, rungs 300mmx20mm dia round bar at 300mm centres)	No.	1		-
9.9.3	Provide materials and fix wrought cat ladder to inside of reservoir (stringers- 2.5mx50mmx10mm flat bar, rungs 300mmx20mm dia round bar at 300mm centres)	No.	1		-

9.10.	Allow for construction of 25mmx25mm drip all around the roof slab edge.	No.	1	-
	<b>Total collection to page</b>			-
9.11	<u>Pipework and fitting:supply, fabricate, lay, test and fit all pipes and fittings including jointing materials (bolts, nuts, washers, gaskets, packings), cutting and threading as specified.</u>			
9.11.1	<u>Scour Pipe</u>			
9.11.1.1	200x150mm dia flanged bellmouth	No.	2	-
9.11.1.2	150mm dia 90o flanged GI bend	No.	2	-
9.11.1.3	150mm flanged GI Pipe piece 3.5m long	No.	2	-
9.11.1.4	150mm dia Cast Iron sluice valve	No.	1	-
9.11.2	<u>Overflow</u>			
9.11.2.1	150mm dia 90o bend	No.	3	-
9.11.2.2	150mm dia GS socket	No.	6	-
9.11.2.3	150mm GS threaded 3m long pipe	No.	6	-
9.11.2.4	150mm dia GS flanged adapter	No.	3	-
9.11.2.5	100x75mm dia reducing socket	No.	3	-
9.11.3	<u>Air Vents 2 No.</u>			

9.11.3.1	75mm dia GI pipe piece 350mm long threaded	No.	6		-
9.11.3.2	75mm elbow with mosquito gauze	No.	12		-
9.11.3.3	75mm nipple	No.	12		-
9.11.3.4	75mm equal Tee	No.	6		-
9.11.3.5	25mm wide securing strip	m	1		-
9.11.4	<u>Inlet Pipe</u>				
9.11.4.1	150x90° mm dia flanged GI bend	No.	2		-
9.11.4.2	150mm dia GS flanged GI piece 500mm long	m	1		-
9.11.4.3	150mm dia GI flanged pipe 3m long	No.	1		-
9.11.4.4	150mm Cast Iron sluice valve	No.	1		-
	<b>Total collection to page</b>				-
9.11.4.5	1200x1200mm Standard valve chamber	No.	2		-
9.11.5	<u>Outlet</u>				
9.11.5.1	150mm dia GS pipe piece 3m long flanged	No.	1		-
9.11.5.2	200x150mm dia bellmouth	No.	1		-
9.11.5.3	150mm diameter flanged cast iron sluice valve.	No.	1		-
9.11.5.4	Standard Valve Chamber 1200x1200	No.	1		-

9.12	<u>Testing and Sterilization</u>				
9.12.1	Allow for water tightness test as specified and as directed	Item	1		-
9.12.2	Allow for tank sterilization as specified and directed	Item	1		-
	<b>Total collection to page</b>				-
	<b>Collection for 150m<sup>3</sup> Ground Masonry Tank</b>				
	<b>150M<sup>3</sup> Tank Collection Page</b>				
	Sub total from page 1				-
	Sub total from page 2				-
	Sub total from page 3				-
	Sub total from page 4				-

**TOTAL FOR WATER TANKS 150M<sup>3</sup> CARRIED TO SUMMARY PAGE**

-

**BILL NO. 10: 6KM WATER SUPPLY LINE**

ITEM	DESCRIPTION	UNIT	QTY	RATE (KES)	TOTAL (KES)
<b>B</b>	<b>6Km Water Supply Line</b>				
12.1	<u>CLEARANCE</u>				
12.1.1	General clearance along pipe line.	8,000	m		-
12.1.2	Remove of obstacles along the pipeline path	1	Item		-
12.2	<u>TRENCH EXCAVATION</u>				
12.2.1	Excavation of trench for DN 150mm-37.5mm pipe to a depth not exceeding 0.50m in semi hard rock formation	2,400	m <sup>3</sup>		-
12.2.2	Approved Sand bedding of of pipes in items 8.3.1 &8.3.4 and surround of approved sand followed by optimum wet compacting to thickness of 200mm	8,000	m		-
12.3.3	Backfilling of the trench and compaction with approved fill material	2,400	m <sup>3</sup>		-
12.3	<u>PIPE AND FITTINGS</u>				

All pipework shall be of HDPE or polypropylene random PP-R pipes to DIN8077 and DIN8078 all pipes and fittings to conform to PN12

(Provisional sizing as Alignment survey will need to be done)

Supply 160mm dia. Straight pipe laid and jointed in trench not exceeding 500mm deep

500 m

12.3.1 Ditto but 110mm dia.

5,000 m

12.3.2 Ditto but 75mm dia

1,000 m

12.3.3 Ditto but 50mm dia

500 m

12.3.4 Ditto but 37.5mm dia

1,000 m

Extra over tubing for:-

12.4 BENDS

12.4.1 160mm dia bends

2 Nr

12.4.2 110mm dia bends

4 Nr

12.4.3 Ditto but 75mm dia.

20 Nr

12.4.4	Ditto but 50mm dia.	200	Nr			-
12.4.5	Ditto but 37.5mm dia	200	Nr			-
<b>Total collection to page</b>						-
12.5	<u>TEES</u>					
12.5.1	150mm dia flanged Tee for washouts, airvalves and branches	2	Nr			-
12.5.2	100mm dia. Tee	6	Nr			-
12.5.3	75mm dia. Tee	24	Nr			-
12.5.4	Ditto but 50mm dia.	50	Nr			-
12.5.5	Ditto but 37.5mm dia.	100	Nr			-
12.6	<u>VALVES (INCLUDING CHAMBERS FITTINGS ETC)</u>					
12.6.1	75mm flanges double acting air relief valve PN16 capable of giving an inflow of 39m <sup>3</sup> /mm at a pressure of 0.2 bar e.g Neptune Clenfield cat no.1271 size 400	4	Nr			-

12.7	<u>WASHOUTS</u>			
12.7.1	75mm DN washout on 150mm DN steel pipe complete with 75mm NP16 Sluice Valve, extension pipe and Headwall to the nearest natural drain	5	Nr	
12.8	<u>GATE VALVES</u>			
12.8.1	150mm valves	2	Nr	
12.8.2	100mm valves	6	Nr	
12.8.3	75mm valves	10	Nr	
12.8.4	50mm valves	10	Nr	
12.8.5	37.5mm valves	10	Nr	
12.8.6	20mm dia galvanised steel stand pipe with bib taps	10	Nr	
12.9	<u>MARKER POSTS</u>			
12.9.1	Sluice valve maker post	8	Nr	
12.9.2	Washout maker post	8	Nr	
12.9.3	Pipeline maker post	6	Nr	
12.9.4	Airvalve marler posts	8	Nr	

12.10	<u>THRUST AND ANCHOR BLOCKS</u>				
12.10.1	Thrust and anchor blocks in grade 20 concrete, volume n.e 0.1m <sup>3</sup>	4	Nr		-
	<b>Total collection to page</b>				-
12.11	<u>ON LINE VALVES &amp; FITTINGS</u>				
12.11.1	DN 150mm GI sluice valve	2	Nr		-
12.11.2	DN 150mm flanged adaptor c/w bolts, nuts washers and assessories to make water tight joint	4	Nr		-
12.12	<u>MANHOLES</u>				
12.12.1	Manholes with light duty manhole covers and frames, depth ne. 1.0m	40	Nr		-
12.12.2	Outfall for wastewater pipe	10	Nr		-

	<b>Total collection to page</b>				-
	<b>Bill Summary Page</b>				
	Page 1				-
	Page 2				-
	Page 3				-
	<b>TOTAL FOR 6KM WATER SUPPLY LINE CARRIED TO SUMMARY PAGE</b>				-

GRAND SUMMARY		
ITEM	DESCRIPTION	AMOUNT (KES)
Bill 2	Pump House/Battery Storage Room	-
Bill 3	Solar PV System & Submersible Pump	-
Bill 4	48cum Elevated Water Tank & Water Supply within Borehole vicinity 500m	-
Bill 5	Animal Troughs (Camel, Cattle/Donkey, Sheep/Goat)	-
	-	-
Bill 6	Water Kiosk x 4	-

Bill 7	Latrine Block x 2	-
Bill 8	Perimeter Wall (Masonry 95m)	-
Bill 9	150cum Ground Tank	-
Bill 10	6km Water Supply Line	-
	<b>Sub-Total for Main Works</b>	<b>KES -</b>
	<b>16% VAT</b>	<b>-</b>

<b>GRAND TOTAL</b>		<b>KES -</b>
--------------------	--	--------------

<b>NAME OF CONTRACTOR:</b>	<b>NAME OF CLIENT:</b>
<b>P.O BOX</b>	<b>P.O BOX</b>
<b>SIGNATURE .....</b>	<b>SIGNATURE .....</b>
<b>DATE .....</b>	<b>DATE .....</b>

**TION 4**

<b>DETAILS FOR CONTACT PERSON</b>	
<b>Name of Staff</b>	
<b>Address</b>	
<b>Post Code</b>	
<b>Town</b>	
<b>Phone</b>	
<b>Mobile</b>	
<b>Email</b>	

**GENERAL TERMS AND CONDITIONS**

- **Price:** Prices listed in the order will remain fixed for the specified period and/or quantity unless stated otherwise.

- In the event that the drilled site results in a dry borehole, the contractor shall be required to drill at an alternative site.
- **Source of Instructions:** The supplier will not seek or accept instructions from any external parties regarding the execution of the contract.
- **Assignment:** The supplier cannot assign, transfer, sublet, or subcontract the contract or any portion of it without prior written consent from the Client.
- **Corruption:** The supplier must not offer or give any inducements or gifts to anyone employed by the Client that could be seen as a bribe. Breaching this provision may result in immediate termination of business relations and contracts.
- **Confidentiality:** All data, including maps, drawings, photographs, estimates, plans, reports, and budgets compiled or received by the Supplier under the contract, is the property of RDI and must be treated as confidential. The supplier must return all such data to authorized Client officials upon request.

- The Supplier cannot disclose any non-public information related to RDI to any external parties without written authorization from the Client. These obligations remain in effect after contract termination.
- **Use of Emblem or Name:** Unless agreed otherwise in writing, the Supplier shall not advertise or publicly acknowledge that it is supplying goods or services to the Client, nor use RDI's name or emblem in any context.
- **Observance of Law:** The Supplier must comply with all relevant laws, ordinances, rules, and regulations related to fulfilling its contractual obligations.
- **Force Majeure:** This term refers to events such as natural disasters, war (declared or not), invasion, revolution, or similar occurrences.
  - In the event of a force majeure, the Supplier must promptly inform the Client in writing. If the Supplier is unable to fulfill its obligations, the Client may take appropriate actions.
  - If the Supplier is permanently incapacitated due to force majeure, the Client has the right to suspend or terminate the contract.
- **Cancellation:** The Client may cancel the contract if it ceases operations or experiences changes mandated by the Executive Council of RDI or if funding is lacking. In such cases, the Supplier will be reimbursed for reasonable costs incurred for materials that meet specifications delivered prior to termination notice.
  - Should the Supplier face solvency issues, including bankruptcy or liquidation, the Client reserves the right to terminate the contract immediately without affecting any other rights or remedies.
- **Warranty:** The Supplier must provide all manufacturers' warranties and guarantees that all goods meet specifications, are defect-free, and are suitable for their intended use. If defects arise within the warranty period, the Supplier must rectify them. If a defect is permanent, the Client may choose to have the item replaced at the Supplier's cost or receive reimbursement.
- **Inspection and Testing:** The Supplier is responsible for inspecting goods before dispatch to ensure compliance with specifications. The Client retains the right to inspect the goods. If the goods do not meet specifications, the Client will notify the Supplier in writing, who must then take necessary steps to ensure compliance. The Supplier is liable for any additional costs incurred for rectifying compliance.
- **Changes:** The Client reserves the right to make reasonable changes to specifications, drawings, plans, quantities, packing instructions, destinations, or delivery instructions at any time. If such changes

affect pricing or service performance, the Supplier and Client may negotiate adjustments, provided the Supplier submits a written claim within 30 days of being notified of the change.

- **Payment Terms:** Unless otherwise agreed, payment will be made 30 days from the date of receipt of a properly prepared invoice.
- **PSEA Policy:** The supplier must adhere to RDI's PSEA policy and sign declaration of adherence to PSEA policy.

**FOR OFFICIAL USE ONLY**

<b>No.</b>	<b>Staff Name</b>	<b>Designation</b>	<b>Date</b>	<b>Signature</b>
1				
2				
3				
4				
5				