BIDDING DOCUMENT

Construction of Integrated Water Supply Infrastructure

CONSTRUCTION OF BERKAD, ELEVATED WATER TANK, WATER POINTS, AND SOLAR-POWERED PUMPING SYSTEM IN MAKUUDA VILLAGE, BAIDOA, SOUTH WEST STATE, SOMALIA

HA/SOM/TOR/0012/2026

Prepared by:

Human Appeal –Somalia

Opposite Aden Adde International Airport (AAIA),
near the main/civilian gate, Airport Road, Wadajir
District, Mogadishu, Somalia.

20th April 2026

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SECTION I
INSTRUCTIONS TO BIDDERS

A. GENERAL

1. Scope of Bid

1.1 **HA-Somalia** invites bids for the construction of barked, elevated water tank, water points, and solar-powered pumping system in Makuuda village, Baidoa, South west State, Somalia

1.2 The material/goods are specified in greater details in the Sub Section of the Bid Documents.

1.3 The successful Bidder is expected to complete the supply by the Intended Completion date which is given in the section II, effective from the signing of Contract.

2. Eligible Bidders

2.1 This Invitation for Bids is open to companies with experience in Strategic construction of barked, elevated water tank, water points, and solar-powered pumping system in Makuuda village, Baidoa, South west State, Somalia

2.2 Bidders shall not be under a declaration of ineligibility for corrupt, fraudulent and coercive practices issued by **HA-Somalia**.

2.3 Bidders shall not be involved in criminal acts/activities or associated with individuals and/or entities associated with criminal activities.

3. Corrupt, Fraudulent, Collusive and Coercive Practices

3.1 **HA-Somalia** requires that all; **HA-Somalia** staff, bidders, suppliers or distributors, observe the highest standard of ethics during procurement and execution of all contracts. **HA-Somalia** shall reject any Bids put forward by Bidders or where applicable terminate their contract, if it is determined that they have engaged in corrupt, fraudulent, collusive or coercive practices.

4. **The selection criteria for construction of barked, elevated water tank, water points, and solar-powered pumping system in Makuuda village, Baidoa, South west State, Somalia:**

The contractor/supplier shall be selected through a competitive process based on technical capability, financial compliance, experience, quality assurance, and conformity with the approved Bill of Quantities (BOQs) for Barked construction, Elevated Water Tank, Water Points, and Solar-Powered Pumping System.

4.1. General Eligibility Criteria (Mandatory)

- The bidder must:
  - ✓ Be a **legally registered construction/engineering firm** authorized to operate in Somalia.
  - ✓ Have a **valid business license, tax compliance certificate**, and organizational profile.
  - ✓ Demonstrate **financial capacity** to execute the works without interruption.
  - ✓ Accept all **BOQ quantities, specifications, and workmanship standards** without deviation.
  - ✓ **The validity of the quotation or price should be valid up to 30 June 2026.**
  - ✓ Adhere to **Human Appeal safeguarding, HSE, and community participation requirements**.

4.2 Technical Selection Criteria – Barked Construction (336 m³)

The contractor must demonstrate proven experience in underground water harvesting structures and comply fully with BOQ Sections A, B, and C. **Key Technical Requirements:**

- Capability to execute:
  - ✓ Excavation of 444.928 m³ for underground reservoir
  - ✓ Random rubble stone masonry 40 cm thick
  - ✓ RCC columns, beams, footings, and slabs (1:2:4 mix)
  - ✓ Internal waterproof plastering (1:2 cement-sand mix)
- Proven experience in:
  - ✓ Construction of berkeds, sand dams, or water reservoirs
  - ✓ Roofing works using CGI sheets (26 gauge) with gutters
- Ability to:
  - ✓ Engage community labor as specified (site clearance and silt trap excavation)
  - ✓ Install doors, access points, staircases, and branding billboards
- Use approved materials:
  - ✓ Cement, reinforcement steel (Y14, Y8), stone, timber, CGI sheets as per BOQ

- Quality assurance:
  - ✓ Proper curing, water tightness testing, and filling for curing (20 m^3)

4.3 Technical Selection Criteria – Elevated Water Tank

The contractor must demonstrate experience in reinforced concrete elevated structures, including tanks and towers. **Key Technical Requirements:**

- Experience in:
  - ✓ RCC foundations, columns, beams, slabs, and retaining walls
  - ✓ Elevated tanks with waterproofing mortar and finishing
- Compliance with BOQ Sections A–I, including:
  - ✓ Excavation and backfilling with marram
  - ✓ RCC works (Class 15 and Class 25/20 concrete)
  - ✓ Tank slab, roof, and manhole
- Piping expertise:
  - ✓ GI pipes (2”), inlet, outlet, overflow, washout
  - ✓ Installation of gate and ball valves
- Ancillary works:
  - ✓ Fabrication and installation of steel access ladder with cage
  - ✓ Valve chambers (300x300x300 mm)
  - ✓ Plastering, painting, and whitewashing
- Compliance with:
  - ✓ Occupational Health & Safety (PPE provision included in BOQ)

4.4 Technical Selection Criteria – Water Points (Taps)

The contractor must demonstrate experience in community water distribution points. **Key Technical Requirements:**

- Ability to execute:
  - ✓ Foundation excavation and masonry works
  - ✓ Hollow cement block structures (compressive strength ≥ 35 kg/cm^2)
  - ✓ Reinforced concrete slabs and ceramic tiling
- Installation of:
  - ✓ Minimum 6 taps with plumbing fittings
  - ✓ Drainage system connected to sock pit (1 m^3)

- Finishing works:
  - ✓ Cement plastering (1:4)
  - ✓ External painting and whitewashing
- Maintenance:
  - ✓ Rehabilitation of existing water tap as specified

4.5 Technical Selection Criteria – Solar-Powered Pumping System

The bidder must demonstrate proven experience in solar water pumping systems in rural or humanitarian settings. **Key Technical Requirements:**

- Supply and installation of:
  - ✓ 10 × 615 WP Monocrystalline Solar PV modules (JINKO or equivalent)
  - ✓ Hybrid inverter (2.2 kW)
  - ✓ Water pump (2.2 kW)
  - ✓ Pump inverter (15 W)
  - ✓ PV combiner box, mounting structures, and cabling
- Compliance with:
  - ✓ PPE requirements for all workers
- Ability to:
  - ✓ Commission, test, and hand over a fully operational system
  - ✓ Train local users on basic operation and maintenance
- All accessories, pipes, valves, and fittings included as per BOQ

4.6 Human Resources and Equipment

The bidder must demonstrate availability of:

- Qualified personnel:
  - ✓ Civil Engineer / Site Engineer
  - ✓ Masonry and RCC foremen
  - ✓ Electrician / Solar Technician
- Construction equipment:
  - ✓ Concrete mixers, vibrators, formwork systems
  - ✓ Lifting tools and safety equipment
- Compliance with:
  - ✓ PPE requirements for all workers

4.7 Financial Evaluation Criteria

- Financial bid must:
  - ✓ Be fully itemized in line with the provided BOQs
  - ✓ Include all costs: materials, labor, transport, installation, testing
  - ✓ Include 5% sales tax (LMS) clearly stated
- No conditional pricing or omission of BOQ items will be accepted.

4.8 Quality, Environmental, and Safeguarding Criteria

- The contractor must commit to:
  - ✓ Use of approved materials only
- Environmental protection measures:
  - ✓ Proper disposal of excavated materials
  - ✓ Dust and site control
- Safeguarding:
  - ✓ Respect for community norms
  - ✓ Inclusion of community labor where specified

B. THE BIDDING DOCUMENTS

1. Content of Bidding Documents

The material / goods required, bidding procedures, and contract terms are prescribed in the bidding documents. In addition to the Invitation for Bids, the bidding documents include:

a) Bid Application with detailed specification and Instructions to Bidders (ITB)
b) Legal registration certificates (Southwest State/Federal registration)
c) Valid Tax compliance Qtr. one. and VAT requirement (Southwest State/Federal registration)
d) Bank statement: From Oct 2025 to 28 April 2026
e) Experience and past performance (Only we consider the relevant experience of this project (construction of barked, elevated water tank, water points, and solar-powered pumping system in Baidoa, South west State, Somalia)
f) Company profile.
g) Passport of Company Director.

The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to finish all information required in the bidding documents or to submit a bid not substantially responsive to the bidding documents may result in the rejection of its bid.

2. Clarification of Bidding Documents

Any prospective bidder requiring clarification of the bidding documents may submit inquiries through the official email address: tenders@humanappeal.org.uk. This email address is available during working days (**Monday to Friday**) and official working hours, from **8:00 AM to 4:00 PM** (**UK time**). Please note that any requests for clarification regarding this bid will be accepted and responded to between **20 April 2026 and 1 May 2026.**

3. Amendment to Bidding Documents

a. At any time prior to the deadline for submission of bids, **HA-Somalia**, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the bidding documents by amendment.

b. All prospective bidders that have received the bidding documents will be notified of the amendment in writing and will be binding on them.

c. In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, **HA-Somalia**, at its discretion, may extend the deadline for the submission of bids (if required).

C. PREPARATION OF BIDS

1. Cost of Bidding

The bidder shall bear all costs associated with the preparation and submission of its bid, and **HA-Somalia** will not be responsible or liable for those costs.

2. Language of Bid

The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and **HA-Somalia** shall be written in English language.

Supporting documents and printed literature furnished by the Bidder may be in another language provided, the Bidder is ready to avail a translated copy at the Bidders cost if asked so.

3. Bid Propose

The Bidder shall propose the Bid with complete detail and the appropriate Price Schedule, indicating the shares to be supplied in line with the availed item/share descriptions.

4. Bid Prices

a. The Bidder shall indicate on the appropriate Price Schedule the unit prices and total bid price of the goods it proposes to supply under the contract.

b. Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified. A bid submitted with an adjustable price quotation will be treated as non-responsive and will be rejected.

5. Bid Currency

Prices shall be quoted in US Dollars ($).

D. SUBMISSION OF BIDS

1. Channel of Bids Submission

a. All suppliers willing to apply can send their bids to the following email address: SO-26-205.tender@humanappeal.org.uk

b. Only COMPLETED SCANNED copies of Section II. Schedule of Requirements/PROJECT TITLE: **HA/SOM/TOR/0012/2026**

c. Scanned copies of bid supporting documents requested should be attached in PDF form. These include, tax compliance certificate, registration certificates from Banadir region and Commercial certificate from the ministry of Trade, bank statement, maximum of 3 pager profile and evidence of experience.

E. DEADLINE FOR SUBMISSION OF BIDS

Bids must be received by **HA-Somalia** at the email address specified above no later than **23:59:59 EAT** on **4th May, 2026.**

HA-Somalia may, at its discretion, extend this deadline for the submission of bids.

F. LATE BIDS

Any bid received by **HA-Somalia** after the deadline for submission of bids prescribed will be rejected and will not be forwarded for the bid opening processes. The Bidder will assume the responsibility of un-possession of the bid documents.

G. OPENING AND EVALUATION OF BIDS

1. Opening of Bids (Downloads)

a. Bids will be opened on **4th May, 2026** by an internal Committee consisting of HA procurement team. No bid shall be rejected before bid opening, except for late bids.

2. Clarification of Bids and Contacting Bidders

During evaluation of the bids, **HA-Somalia** may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing or phone call by a designated staff and no change in the prices or substance of the bid shall be sought, offered, or permitted.

3. Preliminary Examination

HA-Somalia will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required guarantee have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

4. Evaluation and Comparison of Bids

HA-Somalia's evaluation of a bid

a) In the case of goods/material, sales and other similar taxes will be responsibility of vendor, which will be payable on the goods if a contract is awarded to the Bidder.

b) In the case of goods/materials of foreign origin offered from abroad, customs duties and other similar import taxes which will be payable on the goods if the contract is awarded to the Bidder.

HA-Somalia's evaluation of a bid will take into account, in addition to the bid price quoted in accordance with one or more of the following factors:

a) Delivery schedule offered in the bid.

b) Deviations in payment schedule from that specified in the Conditions of Contract.

c) Other specific criteria indicated and/or in the Technical Specifications, examination of samples (if needed).

d) Ability to supply items in all the targeted locations.

5. Clarification of Bids and Contacting HA-Somalia

a) No Bidder shall contact **HA-Somalia** on any matter relating to its bid, from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of **HA-Somalia**, it should do so in writing by email.

b) Any effort by a Bidder to influence **HA-Somalia** in its decisions on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder's bid.

6. Post-Qualification

a) In the absence of pre-qualification, **HA-Somalia** will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB.

b) The determination will take into account the Bidder's financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder as well as such other information as **HA-Somalia** deems necessary and appropriate.

c) Prior to the award, **HA-Somalia** shall verify and validate any documents/information submitted and if necessary shall conduct physical inspection of the Bidder's office, plant/warehouse and equipment.

d) An affirmative determination will be a pre-requisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid, in which event **HA-Somalia** will proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.

7. Purchaser's Right to accept any Bid and to reject any or All Bids

HA-Somalia 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 the affected Bidder or any obligation to inform the affected Bidder or bidders of the grounds for **HA-Somalia**' section.

H. AWARD OF CONTRACT

1. Award Criteria

HA-Somalia will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.

2. Purchaser's Right to Vary Quantities at Time of Award

HA-Somalia reserves the right at the time of contract award to increase or decrease, the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.

3. Notification of Award

a) Prior to the expiration of the period of bid validity, **HA-Somalia** will notify the successful Bidder in writing, that its bid has been accepted.

b) The notification of award will constitute the formation of the contract.

4. Signing of Contract

At the same time as **HA-Somalia** notifies the successful Bidder that its bid has been accepted, **HA-Somalia** and successful bidder will sign agreements.

I. Other Associated Conditions

1) All material/items must be 100% according to the specifications, quantity and quality as required.
2) Payment will be through bank transfer.
3) Payment will be made within 30 working days after completion of delivery on the provision of bills, work completion certificate, Delivery Note (DN) and Good Received Note (GRN).
4) Kindly attach of your experience with other organization, NGOs or INGOs and recommendation letter
5) Avail a bank statement for the last 7 months to confirm liquidity solvency of the bidder.
6) Prices must be provided according to the same format and specifications below.

SECTION II
SCHEDULE OF REQUIREMENTS

PROJECT TITLE: Sustainable and Climate-Resilient Water Supply in Baidoa, Somalia

PROJECT CODE: SO-26-205-01

Construction of Berkad, Elevated Water Tank, Water Points, and Solar-Powered Pumping System in Makuuda village, Baidoa, South West State, Somalia

1. Barked Construction

S#	Item Description	Unit	Qty	Unit Price	Total Amount
Construction of new 336m3 underground water reservoir (Barked) - (12m*8m*3.5m) Baidoa					
A	Barked construction (preliminary works)				
1	Site clearance (clearing the site before the project begins, when the project goes on and hand over time) - to be conducted by 5 community members preselected by Human Appeal for two day	M^2	112.7		
2	Site mobilization	Item	1		
3	Scaffolds & all timber for columns formwork	Item	1		
4	Backfilling works	Item	1		
	Subtotal A: Barked construction (preliminary works)				
B	Barked construction (Construction of Main Barked)				
1	Excavation of the water reservoir underground water Harvesting (Barked) in a dimension of	M3	444.928		
2	Lay compacted stone hard-core 20cm thick in underground Water Harvesting (Barked) floor area. This including 5cm thick blinding layer to prevent the concrete seeping down into the hardcore	M3	28.16		
3	Supply and cast 15cm thick mass concrete floor slab of M15 concrete grade to the underground surface area reinforced with A142 mesh 200 x 200 mm , weight 2.22 kgs per square meter (measured net - no allowance made for laps (including bends, tying wire and distance blocks)	M3	15.6		
4	Excavate the Footing trench of Column foundation 1.0m width x 1.0m length, 0.5m depth.	CM	6.00		

5	Plain concrete in 10 cm thick blinding layer (1:4:8 mix) under the column foundation footings.	CM	1.00		
6	Reinforced concrete footings (1:2:4 mix) (1.0x1.0x0.5) m3 , with 5NO. Y14 re-bars & R8 links @ 150mm c/c.	CM	5.00		
7	Construct RCC Columns of 200*200mm square columns with mix ratio 1:2:4. The columns shall be reinforced with Y14 steel bars each with Y8 links spaced at 200mm. The reinforcement details in the technical drawings should be followed, costs should include formwork, and any other additional works.	CM	1.4		
8	Construct RCC beam (Ground & Top Beam) of 200*200*300mm with mix ratio 1:2:4. The beam shall be reinforced with 4 Y14mm diameter steel bars each with Y8 links spaced at 200mm. costs should include formwork, and any other additional works.	CM	9.9		
9	Construction of random rubble stone masonry wall of 40cm thick bedded and jointed with cement sand mortar of 1:4 proportions for the underground water tank (barked) walls minimum of 0.5m above the ground level. The quantity includes the mid buttress walls and gable wall for the roof.	M3	53.248		
10	Apply three coats of 25mm thick cement and sand plaster (1:2 mix) on the internal walls of the underground water tank (barked), silt trap and water channels. Make sure to provide curved molding in corners and joints between wall and concrete base. This includes final cement near finish	M2	140.00		
11	Construction of Stair case raise and footing as per the guidance design	No	1.00		
12	Roofing as in design kingpost roof, tie beams and king post should not be less than (0.15mx0.05m) purling not less than (0.07mx0.05m), bracings and rafters not less than (0.1mx0.05m). CGI sheet 28 gauge including 10pcs for Transparent sheets and rain gutter channel around the underground water tank (Barked).	M2	130.00		
13	Filling the underground water tank (barked) with 20 cubic meter of water for curing after the completion the work.	Loads	5.00		

14	Supply and install One wooden door on the side (1.2m X 0.6M) with standing platform for lifting the water and metal frame door as instructed by the engineer (1x1.1) and door to be fixed on the channel. This including Iron steel bars connected to areas in and out in both barked and silt trap.	Pcs	1.00		
15	A 1.2*2m Billboard Visibility branding for showing the logos of the Donor, and the state with description of the activity, location, and date	ls	1.00		
	Subtotal B: Barked construction (Construction of Main Barked)				
C	Barked construction (Silt Trap)				
1	Excavation of Silt trap and feeding channels: Conducted by 5 community members for 3 days	M3	23.94		
2	Lay compacted stone hard-core 20cm thick in underground tank (barked) floor area. This including 5cm thick blinding layer to prevent the concrete seeping down into the hardcore	M3	1.50		
3	Supply and cast 15cm thick mass concrete floor slab of M15 concrete grade to the underground surface area reinforced with A142 mesh 200 x 200 mm , weight 2.22 kgs per square meter (measured net - no allowance made for laps (including bends, tying wire and distance blocks)	M3	1.596		
4	Construction of random rubble stone masonry wall of 40cm thick bedded and jointed with cement sand mortar of 1:4 proportions for the silt trap.	M3	8.00		
5	Construct random rubble stone masonry stairs for the silt trap with cement/sand mortar mix of 1:4 as per the drawings	ls	1.00		
6	Apply 5cm thick cement/sand floor screed of (1:2 Mix) on the silt trap floor. Make sure to provide curved molding in corners and joints between wall and concrete base. This includes final cement near finish	M2	6.00		
7	Apply two coats of 25mm thick cement and sand plaster (1:2 mix) on the internal walls of the silt trap and water channels. Make sure to provide curved molding in corners and joints between walls. This includes final cement near finish.	M2	20.00		

8	Supply and fix 12 Gauge barbed wire strips at 30cm spacing and fixed U-shaped 12mm bars embedded into the silt trap walls. To cover the silt trap for protection	Ls	1.00		
Subtotal C: Silt Trap					
Grand Total (Subtotal A+ Subtotal B+ Subtotal C)					
Sales tax 5%		LS	5%		
Total amount, inclusive of all costs and components N.B: Please note that this price is valid up to 30 June 2026.					

2. Elevation water Tank

S#	Item Description	Unit	Qty	Unit Price	Total Amount
Elavation water Tank					
A	Elavation water Tank (site installation)				
1	Mobilization: Describes all activities that are considered necessary for the works to begin and be carried out in a timely manner. These include securing the site (hoarding fencing), transportation of contractor's equipment to site for the purpose of the construction work and maintenance of this equipment.	ls	1		
2	Provision of minimum personal protective equipment such as helmets, overalls, mask and closed shoes for all construction workers and Human Appeal staff on site and maintaining of the same materials throughout construction period.	ls	1		
Subtotal A: Elevation water Tank (site installation)					
B	Elevation water Tank (site clearance)				
1	Clear site of all bush shrub undergrowth and small trees grub up roots. Excavate oversite average 250mm deep to remove top vegetative soil.	ls	1		
2	Disposal: Remove all debris and unwanted material from site. Safely dispose in an approved area and manner	ls	1		
Subtotal B: Elevation water Tank (site clearance)					

C	Elevation water Tank (Excavation)				
1	Excavate foundation commencing from stripped level but not exceeding 1.5 m deep. Allow for keeping excavations free from mud and all water including spring and running water by pumping or other approved means. Allow for plunking and strutting to sides of excavations. Load excavated material and cart away from site.	Cm	6.00		
2	Return fill in and ram imported marram material around excavations, thickness should be 0.1m	Cm	3.00		
				Subtotal C: Elevation water Tank (Excavation)	
D	Elevation water Tank (Concrete)				
Supply and cast the following types and classes of concrete as described. Price to include; a) Formwork erection and demolding b) Rebar cutting bending and Fixing-Include space block as per drawings c) Concrete mixing, hoisting, placing and vibrating d) Curing for up to 14 days-Site engineer to inspect and approve .					
E	Elevation Water Tank (Mass concrete)				
1	50 mm thick blinding under strip footing: Class 15 1:3:6 mix ratio	Cm	0.20		
2	Column bases	Cm	0.30		
3	Foundation beam bases	Cm	1.20		
4	Valve chamber	Cm	0.50		
5	300x300mm pipe haunting blocks	Cm	0.10		
6	Class 25/20 1:2:3 mix ratio	Cm			
7	Foundation base	Cm	2.00		
8	Foundation beams	Cm	1.20		
9	Columns	Cm	2.90		
10	Tank beams	Cm	2.70		
11	Tank Slab	Cm	5.00		
12	Tank retaining wall 0.2mthick	Cm	8.00		
13	Tank roof	Cm	3.80		
14	Tank manhole cover	Cm	0.10		
15	Water proofing mortar 1:2 cement sand mix	M^2	65.00		
16	Prepare surface by cleaning with wire brush to remove loose concrete. Spray with water to ensure all loose material is removed and proper bonding is achieved with the water proofing grout. Apply waterproofing mortar using a towel up to 10 mm thick. Ensure smooth finish by steel floating.	M^2	65.00		
				Subtotal E: Elevation water Tank (Mass concrete)	

F	Elevation water Tank (Piping)				
1	Allow for pipe connections, bend and clamping at 0.5m intervals using 4mm wide GI saddle clamps on the columns using anchor bolts as Raw bolts(R).	LS	1		
2	Inlet pipe: 2`` GI pipe	m	18		
3	Outlet pipe: 2`` GI pipe	m	12		
4	Overflow pipe: 2`` GI pipe	m	1		
5	Wash out: 2`` GI pipe with plug	m	1		
6	Valves: Supply and install 2`` gate valves as approved by site engineer.	No	2		
7	Valves: Supply and install 2" ball valves as approved by site engineer.	No	1		
	Subtotal E: Elevation water Tank (Piping)				
G	Elevation water Tank (access ladder)				
1	Fabricate, supply, and install an external access ladder with a cage and resting platform, casted to the bracing beams and tank slab using 50mm diameter CHS. The steel frame ladder will consist of an external 50mm-diameter CHS tube frame with 30mm CHS steps welded onto the frame. The steel cage and resting platform will be made according to the drawing. The bottom of the ladder will be firmly cast on a mass concrete footing.	LS	1		
2	14m steel ladder with a cage and resting platform	No	1		
3	Mass concrete footing	LS	1		
4	Paint (Primer and two coats epoxy paint)	LS	1		
	Subtotal G: Elevation water Tank (access ladder)				
H	Elevation water Tank (valve chamber)				
1	Cast 300x300x300mm valve chambers. Include cover.	No	2		
	Subtotal H: Elevation water Tank (valve chamber)				
I	Elavation water Tank (Plastering and Painting)				
1	Plaster (thickness 10mm): Plaster (cement/sand 1:4 ratio) on all, columns and beam and water tanks walls	m^2	200		
2	White washing: Supply and apply two coats of white washing on the columns, beams and water tank walls.	m^2	200		
3	Painting: Supply and apply two coats of emulsion paint on columns, beams and water tank walls.	Sm	200		

Subtotal I: Elevation water Tank (Plastering and Painting)					
Grand Total (Subtotal A+ Subtotal B+ Subtotal C+ Subtotal E+ Subtotal F+ Subtotal G+ Subtotal H+ Subtotal I)					
Sales tax 5%	LMS	5%			
Total amount, inclusive of all costs and components N.B: Please note that this price is valid up to 30 June 2026.					

3. Water Tap

S#	Item Description	Unit	Qty	Unit Price	Total Amount
Water Tap					
A	Water Tap (Mobilization and demobilization and site preparation)				
1	Mobilization and demobilization and site preparation				
Subtotal A: Water Tap (Mobilization and demobilization and site preparation)					
B	Water Taps				
1	Excavation in any kind of soil, rock. etc., starting at natural levels, including all necessary tools, removal of surplus materials from site to an approved dumping area, complete as per specifications. Trench depths not exceeding 0.80 M from the existing ground level	M3	1.325		
2	40cm thickness foundation stone bedded and jointed with cement sand mortar of 1:4 proportion (1 cement: 4 clean coarse sand) up to a height of 50cm below the Grade depends on the train.	M3	1.325		
3	The hollow cement block, for the supporting structure sourced from a reputable and approved factory, is precisely dimensioned and has been constructed to high standards, with a compressive strength of 35 kg/cm2. This item also includes cement mortars.	M2	4.4		
4	The hollow cement block, above supporting structure include the drainage and the taps wall sourced from a reputable and approved factory, is precisely dimensioned and has been constructed to high standards, with a compressive strength of 35 kg/cm2. This	M2	3.82		

	item also includes cement mortars.				
5	20cm Reinforced concrete slab to support the above structure Reinforced cast in place concrete with compressive strength 210 kg/cm2 at 21 days. with ordinary Portland cement including steel reinforcement grade 60 (420N/mm2) including bending, hooks, tying wires, spacers and concrete placing& casting, formwork &supports, reproving, shuttering, vibration, curing, testing complete as per drawings and specifications	M3	0.6		
6	2cm cement plastering to the block walls and concrete surfaces cement sand mortar ration 1:4	M2	11.22		
7	Ceramic tile for the top surface walls. The price also includes the special coved ceramic pieces for corners and cost of surface preparation to receive tiles, approved adhesive materials, grouting, aluminum protection angles as approved by the engineer.	M2	11.30		
8	Exterior painting for the supporting structure (Not covered with the tiles) 2 coats of white washing and two coats of emulsion paint	M2	8.80		
9	plumbing works – pipping works, 6 taps, fittings with complete installation and testing	Lump Sum	1		
10	One cubic meter of Sock pit filled with stones and covered with heavy duty steel cover including the drainage connection from the water tap	Lump Sum	1		
				Subtotal B: Water Taps	
				Grand Total (Subtotal A+ Subtotal B)	
Sales tax 5%		LMS	5%		
Total amount, inclusive of all costs and components N.B: Please note that this price is valid up to 30 June 2026.					

4. Solar and Pump

S#	Item Description	Unit	Qty	Unit Price	Total Amount
solar and Pump					
A	Water Taps				
1	Solar PV Modules, JINKO, 615 WP Monocrystalline PV Modules, IEC 61215, IEC 61730 Standards	lump sum	10		
2	Hybrid inverter 2.2 kw	lump sum	1		
3	Pump 2.2 KW	lump sum	1		
4	Pump Accessories	lump sum	1		
5	Water Pump inverter 15w	lump sum	1		
6	PV Combiner Box 12in	lump sum	1		
7	Mounting Structures, Corrosion-resistant aluminum mounting structures for solar modules	lump sum	1		
8	PV cables 6mm2 & AC cable 2m	lump sum	1		
9	Solar accessories	lump sum	200		
10	Installation and Commissioning : Labor and expertise for installation, testing and commissioning	lump sum	1		
11	Pump accessories, pipes, valves, flange	lump sum	1		
				Grand Total ( )	
Sales tax 5%		LMS	5%		
Total amount, inclusive of all costs and components N.B: Please note that this price is valid up to 30 June 2026.					

Summary of construction of Barked, Elevated Water Tank, Water Points, and Solar-Powered Pumping System in Makuuda village, Baidoa, South West State, Somalia

S#	Item Description	Unit	Qty	Unit Price	Total Amount
1	Construction barked capacity 336 (12*8*3.5)	lump sum	1		
2	Construction 1 water tap	lump sum	1		
3	Elavation water tank	lump sum	1		
4	Solar powered pumping system	lump sum	1		
				Grand Total ( )	
Sales tax 5%		LMS	5%		
Total amount, inclusive of all costs and components N.B: Please note that this price is valid up to 30 June 2026.					

SECTION III

QUESTIONNAIRE/CONTACT FORM

Bidders Questionnaire/Contact Form

J. Organizational Information:

Organization Name	
Legal Status of Organization	**1- Public Limited** ☐ **2-Private Limited company** ☐ **3-Partnership** ☐ **4-Sole Trader** ☐ **5- Other(Please specify)**_____
NTN Number	
Postal Address	

K. Contact Information:

	Main Contact (Executive head)	**Focal Person**
Name		
Designation		
Telephone (with city code)		
Mobile Phone		
E-Mail		

L. List of Directors: (Give full names and contact address)

Names	**Position**	**Contact Address**

Bid Document Completed by:

Name: _____

Designation: _____

Date: _____

Signature and Stamp: _____

OFFICIAL USE ONLY

Bid Document Downloaded by: *(for **HA-Somalia** Staff)*

Name: _____

Designation: _____

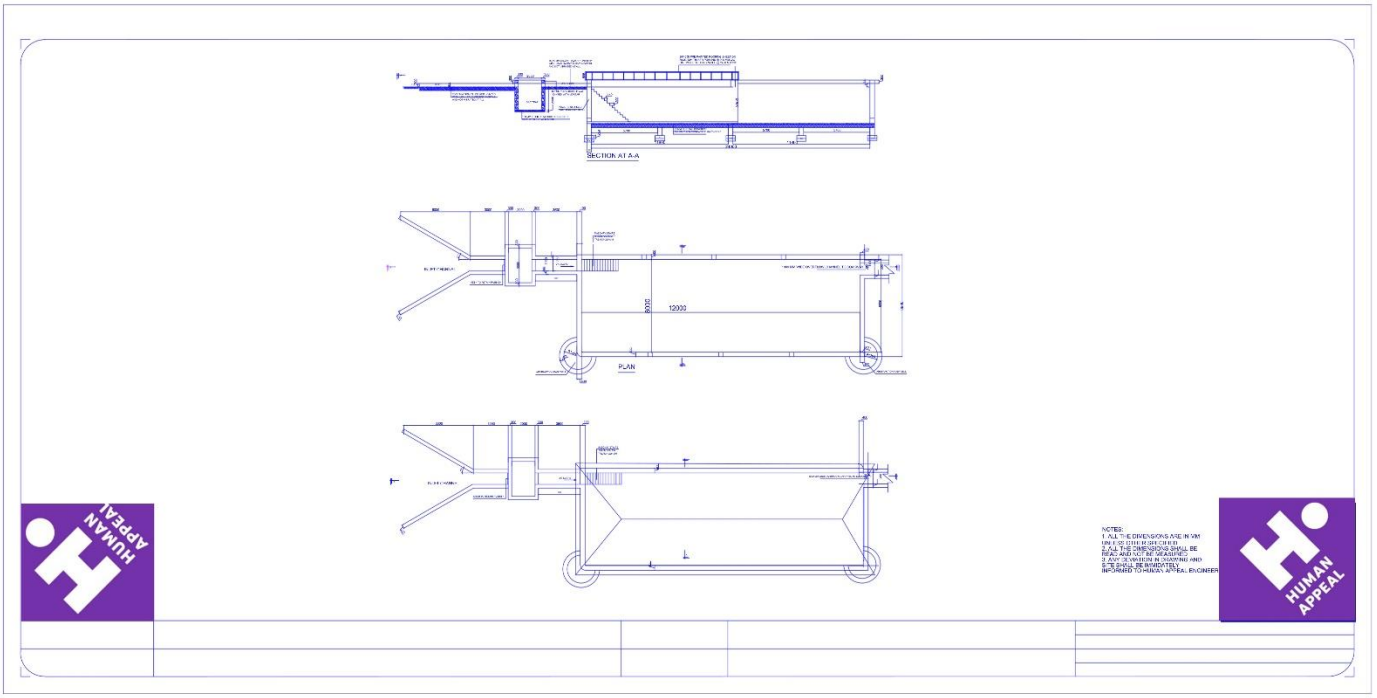
Date: _____

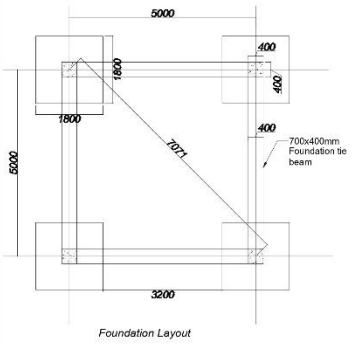
Signature and Stamp: _____

SECTION IV

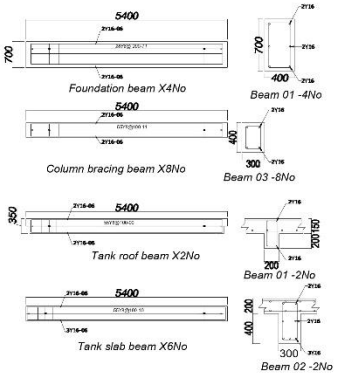
Appendix 1

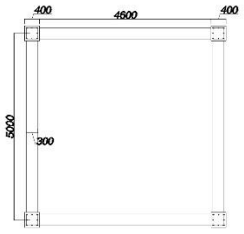
Engineering design, detailed drawings, and GPS data development for the construction of a barked elevated water tank, water distribution points, and a solar-powered pumping system in Makuuda Village, Baidoa, South West State, Somalia



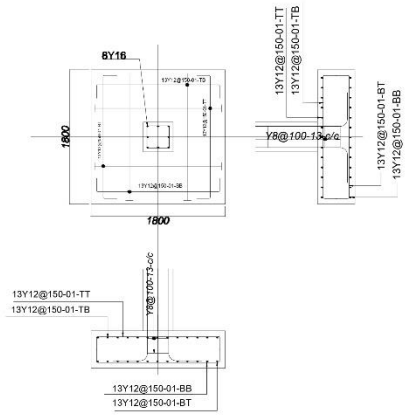


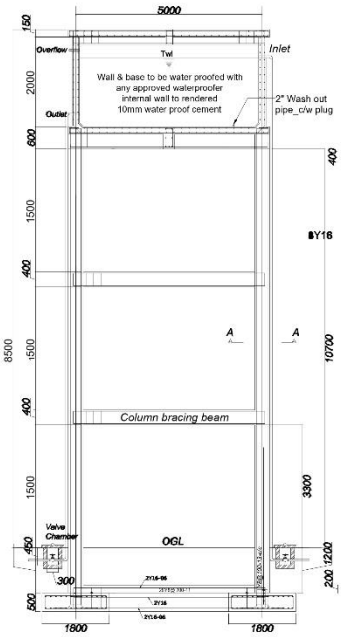
Foundation Layout



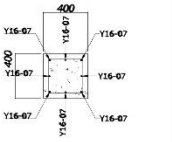


Bracing beam 400X300mm



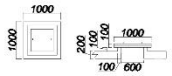


Frame section-Rebar detail.

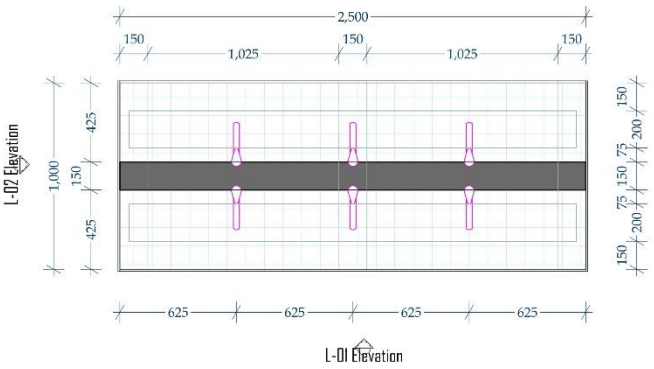


Column detail 4 No (SEC A-A)

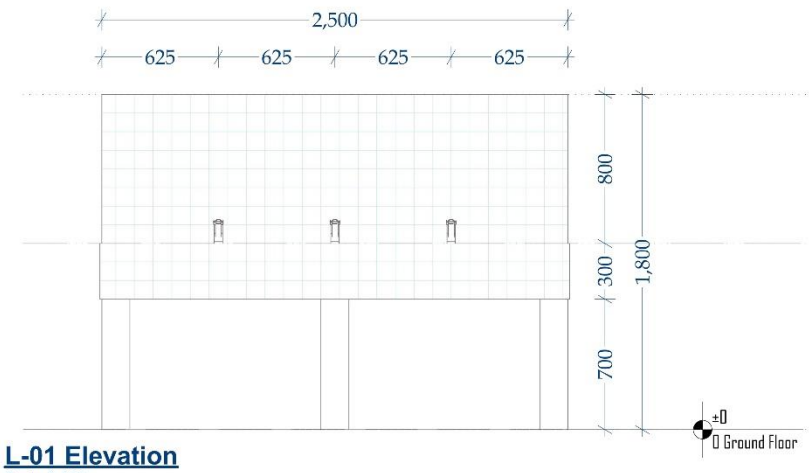
Typical column detail -4No.



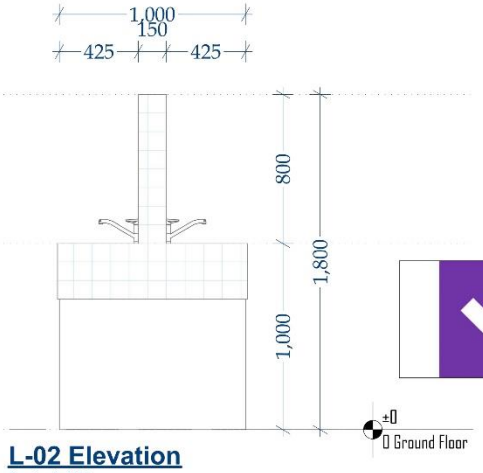
Manhole cover



FLOOR IAYOUT
Scale 1:100



L-01 Elevation
Scale 1:100



L-02 Elevation
Scale 1:100


Latitude: 3.084163
Longitude: 43.60269
Elevation: 469.03±9.0 m
Accuracy: 5.7 m
Time: 16-04-2026 12:10
Note: Baidoa, Bay, Somalia
Powered by NoteCam


Latitude: 3.08414
Longitude: 43.60272
Elevation: 467.03±9.0 m
Accuracy: 7.982 m
Time: 16-04-2026 12:10
Note: Baidoa, Bay, Somalia
Powered by NoteCam