

INVITATION TO BID (ITB) AND TERMS OF REFERENCE (ToR) FOR CONSTRUCTION OF BOREHOLE WATER SUPPLY INFRASTRUCTURE IN DURDUR IDP, BURAO.

SOS Children's Villages is a global federation of 136 national SOS Children's Villages associations, working in more than 2000 programme locations worldwide. We work together with a single vision: every child belongs to a family and grows up with love, respect, and security. SOS Children's Villages in Somaliland is part of SOS Children's Villages International, the umbrella organization to which all SOS Children's Villages, including SOS in Somaliland Association are affiliated. SOS Children's Village in Somaliland is a Non-Governmental Organization (NGO) that is not for profit, non-sectarian and non-partisan, and which has been in existence since 1999.

SOS Children's Villages in Somaliland share vision with SOS Children's Villages and beliefs that every child belongs to a family and grows up with love, respect and security. To realize this, SOS Children's Villages in Somaliland supports families in need, helps them shape their own futures, and take part in the development of their communities. SOS Children's Village in Somaliland is committed to the welfare of children who have lost parental care or are at risk of losing parental care. As such we seek to ensure that children and young people grow up in a loving family environment, to strengthen families and communities as a preventive measure in the fight against child abandonment and social neglect and upholds child protection policy as part of their commitment to the protection of children and youth from abuse.

1.1. Description of programme location

The Durdur IDP settlement in Burao, Togdheer region, faces significant social and economic challenges, including limited access to income, education, and essential services, which puts children at risk of losing parental care. SOS Children's Villages implements the TV-Gala Family Strengthening program here, providing household economic support, training in parenting skills, case management, and referrals for health and education in collaboration with local stakeholders. However, access to clean and safe water remains a bottleneck for family's ability to be self-sufficient, as the community is heavily reliant on costly and inconsistent water trucking that leaves no room for other necessary expenses. To address this, SOS Children's Villages Somaliland drilled a new borehole in Durdur IDP to provide reliable access to safe water, that provides a cheaper alternative and simultaneously helps to improve multiple areas such as health, hygiene, and well-being for approximately 1,500 households. In addition, supporting borehole water infrastructure will be developed, including pipeline extensions, construction of elevated water tanks, water kiosks, installation of a solar-powered system, and construction of a guard & generator room and perimeter fence.

2. GENERAL INFORMATION ON THE INVITATION TO BID (ITB).

All interested and eligible suppliers/contractors with proven capacity and relevant experience in similar work are invited to submit their bids.

2.1. Currency

All bid prices must be quoted and submitted in (USD) currency.

2.2. Modification and withdrawal of bids

A bid may be withdrawn upon written request submitted prior to the bid closing date. Any amendments or revisions to the bid must also be submitted before the closing date.

2.3. Signature of the contract.

SOS Children's Villages in Somaliland will inform the successful bidder through email and will send the contract form within 3 weeks after closure of the submission deadline. The successful bidder shall sign and date the contract and return to SOS Children's Villages in Somaliland within seven calendar days of receipt of the contract. After the contract is signed by two parties, the successful bidder shall deliver the services in accordance with the delivery of BOQ, and design outlined in the bid.

2.4. Rights of SOS Children's Villages in Somaliland:

- Contact any or all references supplied by the bidder(s).
- Request additional support or supplementary information from the bidder(s).
- If any clarification is needed for the successful bidder, SOS Children's villages Somaliland will communicate through emails or verbally.
- Negotiate with the bidder who has attained the best rating/ranking, i.e. the one(s) providing the best overall value.

2.5. Data Confidentiality and Data Transfer Requirements.

The Contractor shall maintain strict confidentiality of all information, observations, and data collected during the construction works. No data or findings may be shared with third parties without written authorization from SOS children's villages.

2.6. Child safeguarding and protection

SOS Children's Villages is fully committed to ensuring the safety, well-being, and protection of all children in the communities it serves.

Therefore, the Contractor must ensure full compliance with SOS Children's child safeguarding and protection policy while working in IDP community settings, including, but not limited to:

- Preventing any harm to children or unsafe interactions with them.
- Prohibiting child labor, exploitation, or any inappropriate behavior.
- Ensuring all personnel are briefed on child protection requirements prior to entering the site.
- Reporting any concerns or incidents immediately to SOS Children's Villages.

Failure to comply with these requirements may result in suspension of work and/or contractual penalties.

TERMS OF REFERENCE (TOR)

1. SCOPE OF WORK:

The contractor is required to construct borehole water supply infrastructure in Durdur IDP Camp, Burao District, Togdheer Region, Somaliland. The contractor shall construct and install all required infrastructure and pipeline extensions to a high standard and in accordance with the approved designs, technical specifications, and Bill of Quantities (BoQ).

2. The main activities to be undertaken

1. Installation of Borehole tube equipment (submersible pump, riser pipes and Cables as specified in the BOQ.
2. Installation of a solar-powered system as specified in the BOQ.
3. Installation of new Generator as specified in the BOQ.
4. Construction of a new reinforced cement concrete (RCC) elevated water tank with a capacity of 50m³ and a height of 10 meters as specified in the BOQ.
5. Three water kiosks and installation & connection of the existing ground water tank to the pipeline network for use as a water kiosk as specified in the BOQ
6. Construction of one fiber plastic water storage tank with a capacity of 1m³, including a metal support structure elevated 3 meters above ground level near at the borehole as specified in the BOQ.
7. Construction of generator and guard room as specified in the BOQ.
8. One animal trough for goats/sheep as specified in the BOQ.
9. Pipeline extension as specified in the BOQ.
10. Fencing perimeter as specified in the BOQ.

2.1. Installation of Borehole tube equipment (submersible pump, riser pipes and Cables)

- Crane hiring with a minimum capacity of 35 tons for the installation of uPVC column riser pipes inside the borehole.
- Supply and install 3-inch uPVC column riser pipes (5.8 meters per length), including all necessary fittings such as sockets, adapters, and other required accessories.
- Supply and install a multistage 18.5 kW submersible pump (Grundfos or Lowara) complete with probe sensor (protection sensor and 300 m of 16 mm² cable). The pump shall have a minimum head of 300 m and a minimum discharge capacity of 10 m³/hour against a pump head of 300 m.
- Supply and install 3-core 10 mm² pure copper pump cable.
- Supply and installation of **3-inch uPVC/ GI Class C** column riser pipes (5.8m length each), including sockets, adapters, reducers, centralizers, clamps and fittings.

N.B:

Only technically experienced personnel shall carry out the commissioning and installation of the riser pipes, submersible pump, and cable inside the borehole. The borehole shall be handled with due care and in accordance with the approved technical specifications and standards.

The contractor shall be fully responsible for any damage caused to the borehole during the commissioning, installation of the riser pipes, submersible pump, and associated cabling works.

2.2. Installation of a solar-powered system

- Monocrystalline solar panels with a Total peak power min 33.2kw: Pannel power rating 615W in STC, Voltage max 40.6V, Current max 15.15A, WITH 132 Cells, efficiency>20, 1500V system voltage, with manufacturer's datasheet.
- Connector Type MC4.
- Warranty of minimum 10 years
- Note: The supplier may use larger/smaller solar panels with the same amount of power required but he/she must inform the SOS engineers for approval.
- Supply and installation of INVT/RSI solar pump inverter, 3-phase 380-440V, IP66 weatherproof protection, 22kW, 38A, suitable for operation and protection of 18.5KW submersible borehole pump, complete with dry-run protection, overload protection, over/under voltage protection, phase failure protection, automatic restart function, and hybrid operation compatibility with solar power and generator systems
- Provide a complete solar protection cabinet, including:
 - PV Combiner Box
 - PV Disconnect Switch
 - Surge Protection Device (SPD)
 - Highly sensitive AC and DC automatic circuit breakers/MCBs (Miniature Circuit Breakers)
- Solar Mounting Structure: Supply and install 3-inch Class-B GI pipes for the columns of the ground-mounted structure, with concrete foundations at the base. Provide all required steel grids/rafters using minimum 8 cm × 4 cm pre-painted steel box sections and 6 cm × 3 cm steel purlin box sections, in accordance with the approved design drawings.
- Carry out installation, testing, commissioning, and training borehole operators for the operation and maintenance of the solar hybrid system.

2.3. Installation of new Generator

Supply and install a new 45 KVA Perkins diesel generator complying with EU standards, complete with Generator Control Panel and the following specifications and accessories:

- Diesel-driven, 3-phase, water-cooled generator set
 - Dual starting system with alternator
- Also provide
- Complete with 10 spare oil filters
 - 1 spare new battery
 - 10 spare fuel filters
 - 2 spare air filters
 - 200 liters of fuel

The generator shall be branded with the SOS logo and project information as directed by the SOS Engineer.

2.4. Construction of New RCC Elevated Water Tank

Construct, test, and commission a new RCC elevated water tank with a capacity of 50 m³ and a height of 10 m above ground level near Durdur IDP Site. The works shall include site preparation, excavation, RCC foundations, columns, beams, staircases, tank structure, waterproofing, inlet/outlet/overflow/drainpipe installations, valves, access ladder, plastering, painting, drainage works, testing, and commissioning in accordance with approved drawings, BOQs and specifications.

2.5. Construction of Water Kiosk with Fencing

Construct and complete two (2) water kiosks with associated fencing within Durdur IDP Site. The works shall include excavation, concrete foundations, masonry/block works, roofing, plastering, painting, water tap stands, drainage systems, paving works, lockable steel doors, and installation of chain-link or GI sheet fencing with gates, including all necessary fittings and accessories, in accordance with the approved drawings, BOQ, and technical specifications. The work shall also include installation and connection of the existing ground water tank to the pipeline network for use as a water kiosk.

2.6. Construction of Animal Troughs

Construct, and complete One reinforced concrete trough for goat/sheep. The works shall include excavation, concrete foundations, reinforced concrete structures, plastering, painting, inlet and outlet pipe connections, drainage arrangements, and all necessary fittings and accessories in accordance with the approved drawings, BOQ and specifications.

2.7. Construction of Fiber Plastic Water Storage Tank with Metal Support Structure

Supply and install one 1m³ plastic water tank supported by a steel structure elevated 3 meters above ground level, near the borehole including foundation works, access ladder, and pipe connections as specified in the BoQ.



2.8. **Construction of Generator and Guard Room**

Construct one generator room and one guard room including foundations, masonry/block works, roofing, plastering, painting, doors, windows, and electrical installations as specified in the drawing and BoQ.

2.9. **Pipeline Extension Works**

Supply and install pipeline extensions including pipes, fittings, valves, excavation, backfilling, testing, and commissioning. The pipes should be reflected in the specifications mentioned in the Bill of Quantities.

2.10. **Construction of Fencing Works**

Construct site fencing including fence posts, chain-link concrete foundations, gate installation, and all related accessories as specified in the BoQ.

3. **Specifications of construction materials and mixing ratio:**

3.1. **Earth work**

Site clearance: Site clearance will be included removing of all rubbish, debris, trees and unnecessary material arising in approved locations. Contractor shall be responsible for the disposal of surplus excavated materials off site if any.

3.2. **Water:** The water used for mixing concrete and mortar shall be clean, fresh, and free from harmful substances. The water should be of potable quality and suitable for drinking.

3.3. **Sand:** sand used for masonry works and mixing concrete shall be clean and good quality it should be free from salt, organic matter and other deleterious substances. Preferably, sand from the river shall be used for the work.

3.4. **Stone:** Stone used for masonry work must be taken from the mountain and does not form the river and the stones should be suitable for the work as directed by the SOS Engineer.

3.5. **Cement:** Omani Cement with 42.5n/mm² will be mandatory use, any other cement is not allowed to be transported to the site. Please note that cement which is not fresh and dry before mixing shall not be used in the work.

3.6. **Aggregate:** Fine aggregate shall be clean natural sand. Coarse aggregate shall be crushed stone, washed gravel. Aggregate used will be 10mm to 35mm size.

3.7. **Steel reinforcement:**

The steel reinforcement will be mild steel with a minimum of 355n/mm² tensile strength, size of bars will be 8mm for stirrups, 16mm for footings and columns, beams and 12mm bars for slabs and elevated tank walls. Please follow the details on the bill of quantities and design.

3.8. **Mixing ratio:** for all RCC works the mixing ratio shall be 1:1.5:3 for cement, sand and gravel for all clean concrete works the mixing ratio shall be 1:2:4 for cement, sand and gravel for mortar and plastering the mixing ratio shall be 1:3 cement and sand respectively.

4. **Mobilization and Demobilization**

Mobilization shall include the provision and transportation of all necessary manpower, equipment, tools, and construction materials to the project site. The Contractor shall be fully responsible for providing all personnel, equipment, and materials required for the successful execution and completion of the contracted works. The Client shall not be held responsible for any delays or additional costs incurred due to the Contractor's failure to mobilize adequate or sufficient equipment for the works specified under the contract.

Demobilization shall include all clean-up work and related operations necessary for the removal of personnel, equipment, temporary facilities, waste materials, and all other incidentals from the project site upon completion of the works.

5. Environmental Safeguarding:

The Contractor shall take all necessary environmental protection and safeguarding measures throughout the execution of the works to prevent or minimize adverse environmental impacts. This shall include, but not be limited to, proper waste management, safe handling and disposal of waste materials, control of pollution, protection of surrounding areas, and compliance with all applicable environmental laws, regulations, and approved environmental standards.

6. Disinfection of Water Supply System:

The Contractor shall carry out cleaning, flushing, chlorination, and disinfection of the entire water supply system, including pipelines, elevated storage tank, and all associated fittings, prior to commissioning, handover, and demobilization from the site. Disinfection shall be undertaken using a chlorine solution with a minimum concentration of 50 mg/l of available chlorine throughout the system under static conditions. The chlorinated solution shall remain in the system for at least two (2) hours before flushing. All work shall be carried out in accordance with approved water supply and public health standards to ensure the system is clean, safe, and suitable for potable water use.

N.B: Chlorination of a water supply system should be carried out by **trained and qualified personnel** with experience in water treatment and disinfection.

7. SOS Engineer:

The SOS Engineer will oversee the implementation of the work in accordance with the contract, BOQ, design and specifications. The SOS Engineer is responsible for all technical matters related to the contractor's work. The responsibilities of the SOS Engineer include, but are not limited to, the following:

- Communicate with the contractor, in writing, about the selected construction sites.
- Provide written instructions for commencement of the work and issue certificates of provisional and final completion.
- Give written approval of the proposed work plan and receive and review all other related documentation required under the contract.
- **Note:** The contractor may carry out technical tasks **only under the supervision and approval of the SOS Engineer**. Therefore, the contractor is required to notify the SOS Engineer prior to commencing any activities.

8. Contract Conditions and Variations:

The Contractor shall notify the SOS Engineer in writing of any proposed variation to the Contract and submit all relevant details for review and recommendation to the Client (SOS Children's Villages Somaliland) for approval. No works related to the proposed variation shall commence unless and until written approval is issued by the Client to the Contractor. Any variation works executed without prior written approval from the Client shall be undertaken at the Contractor's own risk, and no claim for additional payment or extension of time arising from such unauthorized variation works shall be entertained or paid by the Client.

9. Logistics

The contractor is responsible for all logistics required for the entire operation. This includes things such as site office, staff accommodation, etc. All consumables will have to be transported to the site at the contractor's cost. Potable water in sufficient quantities and its transport to the worksite is the responsibility of the contractor.

10. Safety requirements and compliance standards during fieldwork

To ensure safe and compliant field operations throughout the construction work, the following safety measures shall be strictly enforced:

10.1. General Safety, roles and responsibility of contractor

- Assign site safety officer to regulate compliance with the safety measures.
- Installation of a fence around the working site.
- Daily safety briefings and Job Safety Analysis (JSA) shall be conducted before work begins.
- Only authorized personnel may access the worksite, with proper fencing and warning signage in place.

10.2. Personal Protective Equipment (PPE).

- Mandatory PPE includes safety boots, high-visibility vests, helmets, gloves, and eye/ear protection.
- Non-compliance with PPE requirements will result in removal from the site.

10.3. Equipment and Operational Safety.

- Only trained personnel may operate machinery and generators.
- Daily equipment inspections are required before use.
- Emergency response plan and first aid equipment should be in place.

11. Insurance

All required insurance for public and private liability covering injury or death and property damage or loss will be the sole responsibility of the contractor.

12. Bidding proposals and evaluations.

Separate technical and financial proposals should be submitted in sealed envelopes.

Bidders are requested to quote unit prices as per the attached BOQs. A comparison will be made based on the total prices provided, and related contracts will be formulated and issued.

- The technical proposal must be written in English.
- The technical evaluation precedes the financial evaluations. Only bidders who meet the technical evaluation score will be considered for financial evaluation.
- The bidding firm should bear in mind that the technical proposal has a weight of 70% in the selection procedure while the financial proposal has 30%.
- The sum of the technical and financial prices will determine the winner of the bid.

12.1. Preliminary evaluation criteria

No	Requirements	Remarks
1	A valid registration certificate issued by the Ministry of Public Works, Land and Housing of Somaliland.	Mandatory
2	A valid tender board license	Mandatory
3	A valid tax clearance certificate issued by the Ministry of Finance	Mandatory
4	Submit an original 1-year bank statement (June 2025–June 2026) showing a minimum balance of USD 40,000.	Mandatory

Note: Failure by the bidder to meet this mandatory requirement will result in the bid being rejected and not considered for further evaluation.

12.2. Technical evaluation criteria

No	Description	Point score
1.	At least five similar completed projects (elevated water tanks, water kiosks, hybrid solar installations, animal troughs, and pipeline extensions). Attach copies of five contracts with client contact details (email and phone). (Each carries 4 marks.	20
2	Company profile including (Ownership, legal registration documents, organizational structure, years of operation, core business areas, relevant project experience, technical capacity, and contact details etc.)	4
3	Submission of Bids in Separate Envelopes: All bid documents shall be submitted in separate envelopes. The financial envelope shall contain the bank statement, detailed work plan, and Bill of Quantities (BoQs), while all remaining required documents shall be placed in the technical envelope. Both envelopes shall then be sealed together inside one larger envelope.	4
4	Marking of Envelopes: The envelopes shall be sealed, stamped, clearly marked, and submitted accordingly. Both envelopes should indicate the company name, tender name, tender-specific location, and bear the official company stamp.	3
5	Filled signed and stamped BOQ	5
6	Key personnel, availability of Plant and equipment	
6.1	Project Manager Technical Qualification: Minimum degree in civil/structural Engineering/water supply. Experience in implementing similar works (min. 5 years). Detailed CVs and support certificates.	4
6.2	Electrical engineer. Technical Qualification: Minimum bachelor's degree in electrical and Electronic Engineering with at least six (6) years of relevant professional experience. Must have proven experience in hybrid power systems, including solar and generator integration. Attach detailed CVs and support certificates.	4
6.3	Solar and Electrical Installation Technician Must have a minimum of three years' experience and hold a diploma certificate. Attach CVs and support certificates.	3
6.4	Site engineer: Technical Qualification: Minimum degree in civil/structural Engineering with at least five (5) years of relevant professional experience. Must have proven experience in construction of water infrastructure projects. Detailed CVs and support certificates.	4
6.5	Site foreman Diploma or Certificate in Civil Engineering, Construction, Water Supply, or a related technical field. Minimum 3–5 years of experience in construction water infrastructure projects. Detailed CVs and support certificates.	4
6.6	Plumber/pipeline technician Technical qualification: plumbing certificates or technical skills Experience in implementing similar work (minimum 3 years). Attach CVs	4
6.7	The company shall provide a detailed list of its assets, including proof of ownership or valid lease agreements, by attaching the relevant asset books or equipment records. The submission should include: <ul style="list-style-type: none"> • Crane Truck minimum capacity of 35tone. • Concrete Mixer • Sino trucks/Dump truck • Concrete vibrator 	7
7	Work methodology	
7.1	Detailed work plan with a clear time frame for the execution of the works, duly signed and stamped by the bidder.	4
	Total Score	70



13. Financial evaluation

Only bidders who meet the required technical evaluations will proceed to the financial evaluation stage. The bid price of each qualified tender will then be assessed by the evaluation committee. The sum of the technical and financial prices will determine the winner of the bid.

14. Deliverables:

Completion of the borehole water supply infrastructure to a high standard, in accordance with the approved BoQ, designs, and technical specifications.

15. Duration of contract

The Contractor shall complete all activities and works under the Contract within sixty (60 days) from the date the Contract is signed by both parties.

16. Payment Terms

Payments under this Contract shall be made in installments based on the progress and satisfactory completion of the Works, as verified and certified by the SOS Engineer. The payment structure shall be as follows:

First Installment – 30%:

An installment amounting to thirty percent (30%) of the total Contract value shall be paid upon completion of thirty percent (30%) of the Works, subject to verification, site inspection, and certification by the SOS Engineer through submission of a verification report.

Second Installment – 65%:

A second installment amounting to sixty-five percent (65%) of the total Contract value shall be paid upon full completion of the Works and submission of all required documentation, including the Completion Report and any other supporting documents required under the Contract, subject to approval by the SOS Engineer.

Final Installment / Retention – 5%:

The remaining five percent (5%) of the total Contract value shall be retained as retention money for a period of three (3) months commencing from the date of completion of the Works. The retained amount shall be released only after completion of the defect liability period and upon issuance of a No Defects Liability Report by the SOS Engineer. If any defects are identified during the defect liability period, the Contractor shall promptly rectify such defects to the satisfaction of the SOS Engineer prior to the release of the retained amount.

Note: Any applicable taxes shall be the responsibility of the contractor. SOS Children's Villages Somaliland will **not** pay any taxes on behalf of the contractor.



Note: The documents listed below are attached separately.

1. Invitation to bid (ITB) and terms of reference (ToR) for construction of borehole water supply infrastructure with Identification form (9 pages)
2. BOQs for Construction of Borehole Water Supply Infrastructure (10 pages)
3. Designs for Construction of Borehole Water Supply Infrastructure(7pages)
4. SOS Supplier Profile and Registration Form.
5. Code of Conduct.

1. ANNEXES

1.1. Process for Submission of Bids and deadline

The sealed envelopes/hardcopies should be dropped at the tender box in *SOS Children's villages in Hargeisa office, Xero-Awr Road, Near Ali Maweel market or Jabane Supermarket area.*

The titles of submitted documents should clearly state **"Construction of Borehole Water Supply Infrastructure in Burao, Somaliland"**.

Any requests for clarifications regarding this tender should be sent to mawlid.omar@sos-somaliland.org from 3rd to 6th June 2026 **at 2:00 PM**. The deadline for submitting the tender is **15/June/2026 at 1:30 PM**.

Note: Any tender or documents received after this time will not be accepted.

1.2. Identification form

This bid form must be completed, signed, stamped and returned to SOS Children's Villages. Bids must reflect the instructions described in the bill of quantities and Terms of Reference.

The undersigned, having read the complete Request for Tender and all accompanying attachments, hereby offers to provide the specified works outlined in the BOQ and designs, in accordance with the Terms of Reference contained in this document.

Name of Bidder _____

Address, _____

Contact Person: _____

Title: _____

Telephone _____

Date: _____

Signature: _____ Stamp: _____