

Terms of Reference (ToR)

Provision of High-Density Polyethylene (HDPE) Geomembrane Sheeting for Rainwater Harvesting Infrastructure

Project Title: Cultivating the Future – Strengthening Food Security and Resilience of Vulnerable Communities in Maroodijeh Region (Hargeisa and Gabiley Districts)

Donor: Italian Government.

Procurement Reference: 0040

1.0. Introduction and Background

Action Aid International Somaliland (AAIS) is implementing the project "Cultivating the Future," funded by the Italian Government, to address water scarcity and food insecurity in the Maroodijeh Region. A key project component (Activity A3.2) involves constructing household-level rainwater harvesting ponds for 200 vulnerable agro-pastoral households.

This Terms of Reference (ToR) outlines the requirements for the procurement, custom-cutting, and delivery of High-Density Polyethylene (HDPE) Geomembrane sheets. These sheets will serve as impermeable liners for the water harvesting ponds, a critical intervention for enhancing water security and community resilience.

2.0. Target Beneficiaries and Locations

The procurement will directly benefit **200 households** across the following five locations:

Table 1: Distribution Plan

No.	Location	Number of Households	Number of HDPE Sheets
1	Beeyo Liibaan	50	50
2	Abaarso	50	50
3	Gogoysa	50	50
4	Xidhinta	50	50
Total		200	200

3.0. Objective of the Procurement

The primary objective of this procurement is to secure a qualified supplier to provide, custom-cut, and deliver 200 high-quality, durable HDPE Geomembrane sheets to the specified project sites, ensuring the successful and timely implementation of the rainwater harvesting program.

4.0. Scope of Work

The selected supplier shall be responsible for the following:

- **Supply and Custom-Cutting:** Procure and precision custom-cut **200 sheets** of 1.0mm HDPE Geomembrane.
- **Quality Assurance:** Ensure all materials supplied conform to the technical specifications and ASTM/ISO standards outlined in Section 9.o. All sheets must be free from defects.
- **Packaging:** Securely package the custom-cut sheets for transport to prevent damage.
- **Delivery and Logistics:**
 1. **Primary Delivery:** First, deliver all materials to the AAIS Head Office in Hargeisa for initial verification of quantity and quality by the project team.
 2. **Secondary Distribution:** Upon successful verification, transport the materials to the designated distribution points in each of the Four (4) project villages listed in Table 1 and Annex 1.
- **Coordination:** Closely coordinate with the AAIS project team to schedule all deliveries.
- **Documentation:** Provide all necessary shipping and customs clearance documents, including delivery notes, waybills, and detailed packing lists.

5.0. Mandatory Supplier Requirements

The supplier must meet the following mandatory criteria to be considered:

- Must be an **ISO-certified manufacturer or authorized distributor** of HDPE Geomembranes.
- Must provide a valid copy of their **ISO certification**.
- Must provide a comprehensive **Product Data Sheet (PDS)** and **Certificate of Conformity (CoC)** for the supplied materials.
- Must demonstrate that the required material is **in stock** and ready for immediate dispatch.
- Must provide evidence of **prior experience** in supplying and custom-cutting HDPE geomembrane sheets of a similar scale and size.
- Valid Company License and registration Certificate
- Must provide Tax clearance Certificate and ownership
- Must provide Company profile
- Must provide Recommendation from previous work done related to the HDPE

- All materials must comply with **ASTM/ISO standards** as specified in Section 9.o.

6.o. Deliverables and Timeline

All deliverables must be completed within **seven (7) calendar days** from the date of contract signing.

Proposed Timeline:

- **Procurement & Custom Cutting:** 3 Days
- **Packaging & Preparation for Shipment:** 2 Days
- **Transport & Final Delivery to Sites:** 2 Days

7.o. Monitoring and Quality Control

- The AAIS project team will conduct random sampling and inspection upon delivery at the head office and project sites.
- Non-compliant or defective items will be rejected and must be replaced by the supplier at their own cost within a specified timeframe.

8.o Bill of Quantities (BoQ) and Technical Specifications

BOQs of 200 household water harvesting ponds installing with geomembrane.					
SN	Description	Unit	Quantity	Unit price	Amount
1	Provide and supply durable plastic sheet (High Density Polyethylene) 1mm thick made in K.S.A(Saudi Arabia). length of 14m and a width of 8m in each household . The supplier must submit detailed specifications for verification before supplied AAIS main office. in the office AAIS must re-check it again all the specifications of the plastic sheet. Material specifications submitted should include but not limited to -1) name of the manufacturer and place of manufacturer -2) thickness of the HDPE. -3) Roll number. -4) Roll length. -5) Roll width. -6) Carbon black content. 7) coefficient of linear thermal expansion. 8) Low temperature brittleness. 9) Notched constant tensile load. Additional information deemed necessary by the engineer.	M ²	112		

2	Transportation and supply to Xidhinta (50 HHs), Beeyo Liibaan (50 HHs), Googaysa (50 HHs) and Abaarso (50 HHs)				
3	Tax (3%)				
4	TOTAL				

Table 2: Specifications of Geomembrane sheet

No.	Item Description	Technical Specifications
1	HDPE Geomembrane Sheet (Black, Smooth Finish) - Custom Cut	Standard: ASTM/ISO Certified Thickness: 1.0mm Density: ≥ 0.94 g/cm ³ Tear Resistance: ≥ 135 N Puncture Resistance: ≥ 360 N UV Resistance: Carbon Black (2-3%) Tolerance: ±5 cm on cut dimensions Country of Origin: Saudi Arabia
2	Transport, Logistics & Insurance	Inclusive of all costs for delivery to AAIS Head Office and subsequent distribution to all five (5) project sites, including secure packaging, loading, unloading, and full insurance.

Note: All materials must be new, of premium quality, and suitable for long-term, buried waterproofing applications in a harsh climate.

Annex 1 – List of Delivery Locations

No.	Location	Number of HDPE Sheets	Remarks
1	Beeyo Liibaan	50	50 sheets (14m x 8m each) Total: 5,600 m ²
2	Abaarso	50	50 sheets (14m x 8m each) Total: 5,600 m ²
3	Gogoysa	50	50 sheets (14m x 8m each) Total: 5,600 m ²
4	Xidhinta	50	50 sheets (14m x 8m each) Total: 5,600 m ²
	Total	200	200 sheets (14m x 8m each) Total: 22,400 m ²

Submission deadline:

All proposals must be submitted no later than Jan 22, 2026, at 4:00 P.M. via email to admin.somaliland@actionaid.org. Submissions received after the deadline will not be considered.

9.0. Disclaimer

ActionAid International Somaliland reserves the right to amend the terms, reject any or all bids, or cancel the procurement process without prior notice