Terms of Reference (ToR)

Provision of Water Trucking Services

World Vision Sudan (WVS)

Location: Khartoum State

Duration: One-year long-term agreement; initial delivery requirement: 60 days

Date: 3 November 2026

1. Background

World Vision Sudan (WVS) is implementing the Rapid Interventions through Shared Engagement (RISE) Project in Khartoum State to support internally displaced persons (IDPs) and host communities. WVS will provide safe drinking water through water trucking for drinking and other essential household needs.

2. Scope of Work

- Supply and deliver 60 m^3 of clean and safe drinking water per day for 60 days, equivalent to a total contractual quantity of 3,600 m^3.
- Adjust daily quantities upward or downward based on population demand and written instructions from WVS. The total quantity shall not exceed 3,600 m^3 unless WVS authorizes an increase in writing.
- Comply with applicable Sudanese national drinking-water standards, WHO Guidelines for Drinking-water Quality and all requirements in this ToR.
- Maintain a consistent delivery schedule and prevent interruptions in water supply.
- Deliver water to Primary Health Units (PHUs), designated open distribution points and other locations specified by WVS.
- Position trucks at designated open distribution points and remain on site while community members collect water directly from the trucks.

3. Minimum Eligibility and Quality-Assurance Requirements

3.1 Legal and Regulatory Compliance

- Be legally registered in Sudan and submit valid Certificates of Incorporation and Tax Registration.
- Hold all permits required for water abstraction, transportation and delivery.

3.2 Water Source

- Obtain water only from treatment plants operated or officially approved by the Khartoum State Water Corporation (KSWC), preferably Al-Manara Water Treatment Plant or another KSWC-approved source.
- Provide documentary evidence of the approved water source. WVS may verify the source and reject water obtained from an unauthorized source.

3.3 Water-Quality Testing and Certification

- Before operations begin, submit physical, chemical and bacteriological test results for a sample collected from the discharge outlet of one truck selected by the WVS engineer.
- Collect the sample under WVS supervision and test it through a nationally approved or accredited laboratory.
- Submit one comprehensive water-quality certificate each month throughout the delivery period.
- Each certificate shall state the sampling date and location, water source, truck registration number, analytical methods, results, applicable Sudanese and WHO limits, compliance status, laboratory name, official stamp and authorized signature.

- WVS may collect independent samples whenever contamination is suspected or results are unsatisfactory. Non-compliant water shall be rejected and shall not be paid for.

Parameter	Unit of measurement	Sudanese standard / acceptable limit
Colour	Qualitative observation	Normal
Odour	Qualitative observation	Normal
Taste	Qualitative observation	Normal
pH	pH units	6.5–8.5
Turbidity	NTU	Maximum 5 NTU
Electrical conductivity	µS/cm	1,500–2,000 µS/cm
Temperature	°C	Record measured value
Total dissolved solids (TDS)	mg/L	Maximum 1,000 mg/L
Chloride (Cl^-)	mg/L	Maximum 250 mg/L
Calcium (Ca^{2+})	mg/L	Maximum 200 mg/L
Magnesium (Mg^{2+})	mg/L	Maximum 150 mg/L
Total hardness as $CaCO_3$	mg/L	Maximum 500 mg/L
Total alkalinity as $CaCO_3$	mg/L	Maximum 400 mg/L
E. coli	CFU/100 mL or MPN/100 mL	0
Faecal coliforms	CFU/100 mL or MPN/100 mL	0
Total coliforms	CFU/100 mL or MPN/100 mL	0

3.4 Free Residual Chlorine Testing

- Test the free residual chlorine (FRC) level of every truckload on arrival and before offloading. Testing shall be conducted by a trained community WASH committee member or WVS representative.
- The acceptable FRC range at the delivery point is 0.2–0.5 mg/L. Water outside this range shall be rejected, and WVS shall not pay for the water or the associated trip.

4. Operational and Hygiene Requirements

4.1 Water Tankers

- Use tankers exclusively designated for drinking water. Old, rusted, leaking or otherwise unfit vehicles are not permitted.
- Each tanker shall have a clean, sealed and watertight tank with a fitted cover, current cleaning and disinfection records, a functioning pump and clean food-grade hosepipes.

4.2 Personnel

- All personnel handling water shall maintain proper personal hygiene and follow safe water-handling practices.
- Drivers shall hold valid driving licences and all legally required vehicle documents.

4.3 Delivery and Acceptance

- An authorized WVS or designated community representative shall verify and receive each delivery at the site.
- Water that fails source, quality, hygiene or FRC requirements shall be rejected and shall not be paid for.
- The supplier shall make timely and consistent deliveries to prevent supply gaps.

5. Evaluation Criteria

- Compliance with technical, water-quality and operational requirements.
- Cost-effectiveness.
- Relevant experience and documented performance with NGOs or humanitarian agencies.
- Capacity to deliver 60 m^3 per day for 60 days and adjust daily quantities as instructed by WVS.
- Valid vehicle and equipment inspection, maintenance, cleaning and disinfection logbooks.
- A practical and achievable work plan.

6. Pricing and Payment Schedule

#	Description	Site	Locality	Unit	Qty.	Unit Price (USD)
1	10 cubic meter Water Truck	Angola(أنقولا)	Jabal Awlia	Truck	1	
2	10 cubic meter Water Truck	Jabal Awlia – Bantiu(بانتيو)	Jabal Awlia	Truck	1	
3	10 cubic meter Water Truck	Jabal Awlia - Alrasheed	Jabal Awlia	Truck	1	
4	10 cubic meter Water Truck	Jabal Awlia - Alandalos	Jabal Awlia	Truck	1	
5	10 cubic meter Water Truck	Alfatiheen	Umbadda	Truck	1	
6	10 cubic meter Water Truck	Elsafwa	Umbadda	Truck	1	
7	10 cubic meter Water Truck	Hara 72	Umbadda	Truck	1	
8	10 cubic meter Water Truck	Almara	Umbadda	Truck	1	
9	10 cubic meter Water Truck	Hara 47	Umbadda	Truck	1	
10	10 cubic meter Water Truck	Hara 20	Umbadda	Truck	1	
11	10 cubic meter Water Truck	Hara 51	Umbadda	Truck	1	
12	10 cubic meter Water Truck	Almowailah(المويلح)	Umbadda	Truck	1	
13	10 cubic meter Water Truck	Fatasha(فتاشة)	Umbadda	Truck	1	
14	10 cubic meter Water Truck	Eljamoiea (قرى الجموعية)	Omdurman	Truck	1	

#	Description	Site	Locality	Unit	Qty.	Unit Price (USD)
15	10 cubic meter Water Truck	Um-Danab(أم ضنب)	Omdurman	Truck	1	
16	10 cubic meter Water Truck	Wadi Alrawakeeb	Omdurman	Truck	1	

6.1 Payment Terms

- The supplier shall be paid monthly for the verified quantity of water delivered. Payment will be processed within 15 days after completion of the internal payment process.
- Each invoice shall state the volume delivered during the billing period and include approved, signed and stamped delivery log sheets completed by the designated on-site water-quality monitoring personnel.

7. Submission Requirements

- Company registration documents (mandatory).
- Valid tax registration documents (mandatory).
- Details of proposed vehicles and models, with photographs.
- CVs or a list of proposed drivers.
- Proposed service-delivery work plan.
- Detailed quotation and financial offer.
- Evidence of the proposed KSWC-approved water source or sources.
- Evidence of relevant experience, including completion certificates.
- Details of the proposed nationally approved or accredited water-quality testing laboratory.

8. Bid Validity

Technical and financial bids shall remain valid for **ninety (90) days** from the bid submission deadline.

9. Approval

Prepared by	Name: Almustafa Abdulhalim	Signature:	Date:
Reviewed by	Name: Paul Oyesigye	Signature:	Date:
Approved by	Name: Mesfin Jonfa	Signature:	Date: