

RE-ADVERTISEMENT - REQUEST FOR QUOTATIONS

Background

Action Africa Help International (AAH-I) is a nongovernmental and nonprofit making Organization operating in South Sudan with a mission to support disadvantaged Communities to sustainably improve their standard of living through Community empowerment approach in partnership with stakeholders. AAH-I implements Primary Health Care, Agriculture, Humanitarian aid projects and Capacity Building.

The organization is calling for quotations from reputable companies for supply of a fuel tank as per specifications below:

Fuel Tank Description

- 1) Designing; Fabricating and Fitting of a 18,000 Lts. Stainless steel Elliptical shaped bulk measure with Four (4) compartments
- 2) Supply of a dispensing gun
- 3) Pump One (1) self-sucking pump, installed at the vehicle's chassis, **hydraulically driven by PTO of truck engine** and can be operated pneumatically from the driver's cabin. The suction pipe is equipped with a suction filter. Suction and delivery connections are provided with hose coupling and cab. Oil-cooler mounted with electric fan. with cabin controls
- 4) Four (4) digit meter reading in a lockable compartment
- 5) Tank to pump connection suction pipe, Fittings and clips
- 6) Pump to meter hose connection pressure pipes; Fittings and clips
- 7) By-pass hose pipe
- 8) High pressure dispensing hose
- 9) Compartment interconnections with special couplings as per weights and measures requirements.
- 10) The tanker should be manufactured in such a manner that it allows 3% space for fuel expansion in each compartment
- 11) Supply of two-wheel chokes
- 12) Battery cut off switch
- 13) Provide a well calibrated dipstick
- 14) Supply and fix Two (2) 6 kg Powder Fire extinguishers in safe lockable pouch.
- 15) Hose carriers (4)
- 16) The tank to be branded with AAHI/UNHCR logos
- 17) A safety ladder to be incorporated on the tank

TECHNICAL SPECIFICATION

TANK BODY

for save transportation of diesel

Volume: approx. 18.000 liter. incl. 3% expansion

Superstructure

The “*Special Low-Torsion body mounting system*” for tank bodies is recommendable due to their strongness, torsion-resistant design, in particular for “Off-Road” operation under rough cross-country conditions.

The elastic connection between the truck chassis and the subframe provides a torsion-absorbing function.

This arrangement absorbs any stresses passing from chassis to tank.

The sub-frame is mounted to the truck frame in a way to ensure equal load distribution.

The sub-frame is hot-dip galvanized.

Otherwise mounted according to truck manufacturer’s “Assembling Instruction”.

Tank support

The tank itself is supported in tank saddles which are bolted on the reinforced longitudinal frame members with heavy duty rubber mountings in front.

Tank

Tank shape: Elliptical **18 000 liter.** incl. 3% expansion

Tank compartments: Four (4) with approx. 4 000 liters. each

Manufactured of thick high-grade Stainless steel, thickness 4 mm electrically welded throughout with accurately finished welding seams. Dished bulkheads on both sides and appropriate nos. of splash walls. The splash walls are mounted not less than 900 mm and not more than 1750 mm between each other according ADR.

Dome-pan

Overflow protection welded along the tank with drain pipe and shutoff cock.

The dome pan is designed as an over-roll protection in order to protect the dome armatures.

Walkway

Open mesh walkway on the right-hand side of the manhole cover, with rear mounted access ladder.

One (1) collapsible handrail made of aluminum, operated manually, fixed as safety barrier, according UVV regulation along the dome-pan.

Operation of handrail manual, next to access ladder.

Top fittings per compartment

One (1) 500 mm dia. manhole cover with 250 mm dia. hinged lid, complete with one (1) dipstick, increments; 500 / 500 ltr.

Flame proofed safety vent valve and pneumatic operated tipping valve DN 65.

For each compartment, an external fuel level gauge is mounted.

Discharge fittings per compartment

At the lowest point of each compartment one (1) pneumatic bottom valve DN 80.

For all four (4) compartments together, one (1) filling/discharge pipe DN 80, mechanical valve and 3” Cam-lock coupler with dust cap.

At the lowest point of the tank, water drainage trap with drainage cock is mounted.

Pump

One (1) self-sucking pump, installed at the vehicle's chassis, **hydraulically driven by PTO of truck engine** and can be operated pneumatically from the driver’s cabin. The suction pipe is equipped with a suction filter. Suction and delivery connections are provided with hose coupling and cab.

Oil-cooler mounted with electric fan.

Pump capacity: approx. 800 ltr./min

Metering system

On the right side of the vehicle in a cabinet the metering system 3" is mounted, consisting of:
Fuel separator, meter rated for a flow of 75 - 750 liter. / min.

4-digit resettable register

8-digit non-resettable totalizer

Hose-reel

One (1) hose-reel spring loaded with 20 mtr. hose DN38 and manual discharge nozzle is installed inside lockable armature box

By-pass valve to adjust flow-rate from approx. 75 ltr. / min for small vehicles till max. capacity

Nozzle adapter for DN19, DN25 and DN32, to be able for filling a wide range of small and medium sized vehicles.

Armature box

One (1) on Kerb-side a lockable cabinet is mounted, with discharge outlets, pneumatic operations, hose-reel and metering system.

Delivery options

- discharge by gravity, via 3" coupling
- discharge with pump, measured via 3" coupling
- discharge with pump, measured via hose-reel
- self-filling with pump
- filling with external pump
- filling from top

Hose and hose-carrier

Two (2) hose tubes, both mounted on one (1) side of the tank with two (2) hoses

Hose type: NW 80 with 3" Cam-lock coupling

Hose length: approx. 5,00m each

Side-guard

Lateral anti-cyclist bar, mounted between front axle and first rear axle

Bonding reel

Manual rewind reel with 15m of 2mm steel-cable and grounding clip

Emergency cut-off

One (1) emergency cut-off, pneumatically operated, fixed outside armature box, to close the bottom valves in case of emergency

Standard accessories

Wheel chokes (provided by Tanker supplier) mounted with brackets

one (1) spare wheel carrier with winch mounted on chassis

PVC mudguards with rubber mud-flaps

One (1) lockable tool box mounted on chassis

One (1) earthing piece welded on one (1) site of the tank

Three (3) traffic cones, mounted with bracket on chassis

Two (2) fire extinguishers, 6 kg each

Warning signs according traffic requirements

Adapters

One (1) adapter 3" Cam-lock / 3" API

One (1) adapter 3" Cam-lock / 3" GUILLEMIN

One (1) adapter 3" Cam-lock / 3" BS

[18,000 liters' Elliptical shaped tank made of stainless steel.](#)



Four-digit dispenser in a lockable compartment



The tank body can be mounted on 3-axles (6x4 and 6x6) truck chassis of different manufacturers e.g. IVECO



Spare wheel carrier with winch mounted on chassis, behind cabin



Lockable armature box, kerb-side mounted



Lockable cabinet with discharge outlets. Pneumatic operations. Metering system.



20 m hose DN 38 and manual discharge nozzles



Open mesh walkway on the right-hand side of the manhole cover and collapsible handrail made of aluminum, operated manually, fixed as safety barrier, along the dome-pan. Operation of handrail manual, next to access ladder.

NB: Delivery point MABAN AAHI field office

The tank is to be mounted on an IVECO Trakker, AD 380 6x6

PLEASE NOTE: The request is for A FUEL TANK ONLY NOT FUEL TANK AND TRUCK

REQUIREMENTS

Price and Currency: The prices shall be in **United States Dollars (USD)**.

Submission of Quotes

The quotations shall be submitted in **Hard copies in sealed envelopes**, for suppliers within South Sudan while international suppliers are allowed to submit their quotations in soft copies to procurement.southsudan@actionafricahelp.org.

Submission Address

bids shall be submitted to:

AAH-I/UNHCR Logistic Base Juba South Sudan

Near JIT Supermarket,

The envelope should be labelled as: supply of fuel tank

AAH-I South Sudan.

Registration for submission:

Please ensure that, you register your hand delivered quotation/bid with the Procurement department and drop it in the bid box yourself, before you leave the Procurement department.

Each hand delivered quotation/bid must be registered individually on the bids submission forms which will be available at Procurement department. Unregistered quotation/bid will not be considered even if it is dropped in the tender box.

Request for clarifications

Any request for clarification must be made in writing through the email:

procurement.southsudan@actionafricahelp.org strictly and must be received not later than **10th August, 2020 at 12:00 pm Local Time.**

Deadline for the submission of the quotation

The deadline for the submission of the quotes will be strictly on **Friday the 14th August, 2020, at 12:00 pm Local Time.**

Notification of the results

Only the successful and competitive bidder will be notified, and if you do not receive email communication within two weeks after the expiry of the deadline, consider your bid not successful.

Language for the bids

The language for the bids shall be **English** only.

Disclaimer

This is only a Call for quotations and AAH-I South Sudan reserves the right to either amend or cancel it at any time with or without notice. In such cases, AAH-I South Sudan shall accept no liability whatsoever. The prospective bidder is wholly responsible for any and all costs related to the preparation and submission of their quotations.

The decision of the AAH-I South Sudan Procurement Review Committee shall be final.