



Sedibeng District Municipality

SPECIFICATION: 8/2/5/3-2011

SPECIFICATIONS: SUPPLY AND DELIVERY OF FIRE FIGHTING TRAILER FOR SEDIBENG DISTRICT MUNICIPALITY.

DESCRIPTION

Fire Fighting Trailer

Synopsis:

The proposed trailers shall be utilized for veld and grass fire risks, and shall be used mostly in off-road conditions.

The trailers shall be equipped with reliable Industrial brand name type petrol engines, as well as proven piston pumps, of which spares are freely available.

A proven track record shall be furnished by the tenderer, as well as design drawings/ photos of previous units built.

Construction:

- Heavy Duty lightweight space frame design, suitable for off road use.
- 15" Minimum size tyres for high ground clearance.
- Lights shall be heavy-duty, and shall not limit approach and departure angle of the trailer.
- Step-up plates shall be provided, for operator transport while in motion
- Hose reels shall be positioned behind the wheels
- Adequate protection for the tank shall be supplied in the form of a tube frame around the tank.
- The tank shall be secured by means of a ratchet and webbing strap, capable of double load capacity.
- The axle shall be braked with a parking brake and break away cable for safety.
- The axle shall have a 1200kg capacity (600lt tank)
- The trailer shall be fitted with a heavy-duty jockey wheel for hand manoeuvring.
- The trailer shall be properly treated with self-etching primer, and high quality automotive paint against corrosion.
- All exposed areas, front and bottom of the trailer shall have an additional stone chip coating.
- The trailer shall be supplied with a spare wheel.
- The trailer shall be compliant to all SABS road ordinance stipulations.

Tank:

- Tank size options: 600lt
- The tank shall be manufactured of LMDPE roto moulded from virgin plastic and have UV stabilizing properties added.

- The expected life expectancy shall be 10year+
- The tank shall have a nominal wall thickness of 8mm.
- The tank shall be fitted with a proven baffle system to control water surge.

Pump & Engine:

- The engine shall be petrol, four-stroke, air-cooled.
- The engine shall have a recoil start, with on/off switch.
- The engine shall be of premium quality Industrial type, and be of current model manufactured by the ORIGINAL company.
- NO discontinued engine models manufactured in other Countries shall be accepted. NO copies of the original shall be accepted.
- The pump shall deliver minimum 40 bar pressure.
- The pump shall be capable of delivering enough volume for two hose reels simultaneously.
- The pump shall be of proven brand name.
- Full spares back up shall be guaranteed.
- The trailer shall be fitted with a self filling device, enabling the operator to fill the tank from an open source of water.
- The pump shall go into automatic bypass to tank when the trigger is released of the spray gun

Hose & Nozzle:

- The trailer shall be fitted with two hose reels.
- The hose reels shall be lockable so that they will not unwind during travel.
- Each hose reel shall be fitted with 30m x 10mm ID steel reinforced, flame retardant hydraulic hose with a burst pressure of 320bar.
- Each hose shall terminate in an adjustable fog/jet trigger gun.
- All hose connections shall have quick release couplers.

General:

- A bin for loose equipment shall be fitted.
- 4 x Grass beaters – aluminium handle - shall be supplied and fitted to the trailer
- 1 x 20lt Jerry Can for spare fuel shall be fitted and supplied.

EVALUATION CRITERIA

Technical Evaluation

<u>No.</u>	<u>DESCRIPTION</u>	<u>POINTS</u>
<u>1.</u>	Proven Track Record (3 contactable references)	<u>50</u>

<u>2.</u>	Designs/ Drawings/ Photos	<u>50</u>
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Bidders who score above 70 points will be further evaluated by Supply Chain Unit for Price and HDI.

The tender will be evaluated on 80/20 principle.

<u>No.</u>	<u>DESCRIPTION</u>	<u>POINTS</u>	
<u>1.</u>	Price	<u>80</u>	
<u>2.</u>	HDI	<u>8</u>	<u>20</u>
<u>2.1</u>	Locality	<u>6</u>	
<u>2.2</u>	Woman	<u>4</u>	
<u>2.3</u>	Disability	<u>2</u>	
	<u>TOTAL</u>		<u>100</u>