



higher education & training

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Higher Education and Training
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MCJ/mc

SPECIFICATION FOR A TRUCK 2025

WATER TANK TRUCK X1

NO.	SPECIFICATION	DETAILS
1)	Vehicle Type	Water Tanker Truck
2)	Tank Capacity	20,000 litres (20 m³)
3)	Intended use	Portable water transportation
4)	Colour	White
5)	CHASSIS	
6)	Chassis Brand	Any Brand
7)	Chassis Model	Depends on selected manufacturer and regional spec
8)	GVW (Gross Vehicle Weight)	25,000 – 30,000 kg (depending on chassis)
9)	Axle Configuration	6x4 rear axle drive type
10)	Tire specification	11.00R20, total 10 tires +1 spare tire
11)	No. of cylinders	Straight-6 cylinders in line
12)	Max torque speed(rpm)	1,200-1,600 rpm
13)	Engine Power	220 – 300 HP
14)	Transmission	Automatic (6-9 Speed)
15)	Fuel Type	Diesel
16)	Emission Standard	Any
17)	WATER TANK	

18)	Tank Material	Stainless Steel
19)	Tank Shape	Elliptical
20)	Tank Thickness	6 mm (material dependent)
21)	Baffles	Internal anti-surge baffles
22)	Water pump capacity	Water pump flow rate(L/m): 1000L/minute Water pump suction depth:>=7m Water suction loading time: About 12 minutes
23)	Manhole	1–2 pcs (top-mounted, lockable)
24)	Filling System	Top-fill / Bottom-fill inlet
25)	Overflow Protection	Yes (spill guard or overflow pipe)
26)	Exterior Coating	Anti-corrosion epoxy paint or food-grade coating
27)	WATER DISTRIBUTION SYSTEM	
28)	Water Pump	Power Take-Off (PTO)-driven centrifugal pump
29)	Water Inlet	2 types of water loading systems, Manhole loading, and water pump suction loading
30)	Spraying System	Front and rear spray bar nozzles
31)	Water Cannon	Hydraulically operated
32)	Hose Reel	30m hose reel with nozzle
33)	Valves	Pneumatic operated discharge valves
34)	OTHER FEATURES	
35)	Ladder & Catwalk	Rear or side-mounted with handrails
36)	Towing	Tow bar and electrics fitting
37)	Lighting	Work lights, safety lights, reflective tape
38)	Toolbox	Yes

39)	Fire Extinguisher	9kg DPC inside the cabinet
40)	Service plan	5 years/ 90 000km
41)	Warranty	5 years/ 120 000km

FUNCTIONALITY

The evaluation of this tender shall include functionality whereby the bids will be evaluated in terms of the evaluation criteria embodied in the bid documents.

- The minimum qualifying score for the functionality will be **70 out of 100 points (70%)** and the bids that fail to achieve the minimum qualifying score will not be considered for further evaluation.
- Only bids that achieved the minimum qualifying score for functionality will be evaluated further in accordance with the 80/20 principles of the Preferential Procurement Policy Framework Act, No.5, 2000, with its 2017 Regulations.
- Points will not be given for non-submission of documents and poor response(s).

No.	Functionality	Criteria/ Guide	Maximum (points)	Claimed points
1	Company Profile With a list of projects completed in the same industry.	Less than five years' experience = 0 (points) Up to ten years' experience = 10 (points) More than ten years' experience = 20 (points)	20	
2	Project plan Provide a comprehensive project plan.	Provide a project plan = 30 Did not provide = 0	30	
3	Expected Lead times The Bidder is expected to commit in a form of a signed letter addressed to the Bid Evaluation committee as it relates to their expected lead times of delivery.	More than three months = 0 (points) One – Two months= 10(points) Less than one month = 20 (points)	20	
4	Trade references Three contactable references.	Provide three(3) contactable trade refence letters. <ul style="list-style-type: none"> • Of contracts of similar nature or service • For the past five(5) years: • Letters must be clearly dated (commencement, completion and duration) 	30	

No.	Functionality	Criteria/ Guide	Maximum (points)	Total
	All documents in support of the various sections above must be submitted to claim the maximum points. Missing or incomplete documentation will result in a zero score for the relevant section.		100	

SPECIFIC GOALS

Specific Goals	Number of Points	Means of Verification	Points Claimed	Comments
Black People in management and control making more than 51% of ownership	1	CSD Report and a copy of the beneficial ownership certificate together with CIPC registration documents		To claim the points, targeted entities must be lead by black managers 50+1% and the ownerships must be in the control of 50+1% black individuals.
Women employed	5	CSD report		Human Development Index
Youth	5	SA ID Document		Human Development Index
Locality	7	Recent municipal account or lease agreement or letter from local authority or traditional leader not older than three months. N.B Verification of the offices will be done.		(Proof of physical address must be attached) Service providers operating in Thabo Mofutsanyane District will get seven (7) points. Service providers operating outside Thabo Mofutsanyane district but in Free State province will get five (5) points. Service providers operating outside Free State province will get three (3) points.
Persons living with disabilities in the employ of the enterprise	2	Original or certified confirmation of disability from a registered health professional and employment contract		Bidders are encouraged to provide opportunities to people living with disabilities.
Total	20			