

**SECTION 2.1: SPECIFICATIONS****SUPPLY AND DELIVERY OF ONE (1) NEW MULTI PURPOSE LOADER****STANDARD MINIMUM TECHNICAL SPECIFICATION MULTI PURPOSE LOADER**

The Multi-purpose Loader shall comply with the requirements of the Standard Technical Specification, as detailed in the tables below.

It must be noted that Schedule A of the table lays down the detailed requirements of this Specification while Schedule B must be completed by the Tenderer providing guarantees and technical particulars of the equipment and materials offered. Failure by the Tenderer to complete Schedule B will invalidate the tender.

SCHEDULE A		SCHEDULE B	
		Comply YES / NO	Page to Reference
<b>1. ENGINE</b>			
1.1)	4.2L – 4.9L (Tier 1 – Tier 4)		
1.2)	Net Peak Power 75 - 85kW at rated engine speed		
1.3)	Net Peak Torque 400 Nm at rated engine speed (minimum)		
1.4)	Air Cleaner: Duel-stage dry type with safety element and evacuator valve.		
<b>2. COOLING</b>			
2.1)	Suction Type cooling Fan		
2.2)	Engine Oil Cooler		
2.3)	Water-cooled		
<b>3. TRANSMISSION</b>			
3.1)	At least 4-Speed, Power Shuttle / Power Shift/Automatic		
3.2)	Heavy duty 2 axle with a 4x4 configuration		
<b>4. AXLES</b>			
4.1)	Oscillation - 8° (minimum)		
<b>5. STEERING</b>			
5.1)	Hydrostatic power and emergency steering		
5.2)	Curb – Turning Radius without Brakes Maximum 4.5m		
<b>6. BRAKES</b>			
6.1)	Power assisted, hydraulic wet disc		
6.2)	SERVICE: Mounted inboard, self-adjusting and self-equalizing		
6.3)	PARKING: Spring-applied, hydraulically released, wet, multi disc, independent of service brakes with electric switch control.		
<b>7. HYDRAULICS</b>			

7.1) MAIN PUMP: Open center,		
7.2) PUMP FLOW @ 2200 RPM		
7.3) BACKHOE 135L/MIN (minimum)		
7.4) LOADER 105L/MIN (minimum)		
7.5) LOADER CONTROLS: All loader controls operated from joystick. Single-lever control with electric clutch cut-off switch.		
7.6) BACKHOE CONTROL: Two Lever Manual		
<b>8. ELECTRICAL</b>		
8.1) 4 Front, 4 Rear, and 2 side docking turn signals and flashers, 2 front and 2 rear, stop and tail-lights and 2 rear reflectors.		
8.2) LED amber warning light on roof.		
<b>9. OPERATOR STATION</b>		
9.1) Factory fitted ride control		
9.2) Cab, isolation mounted, ROPS/FOPS, left/right access, with mauled roof.		
<b>10. BACKHOE DIMENSIONS / PERFORMANCE</b>		
10.1) Extendable dipper <b>Factory fitted</b>		
10.2) 400mm Backhoe Bucket complete with teeth.		
10.3) 610mm Backhoe Bucket complete with teeth.		
10.4) Digging Force Bucket Cylinder Minimum 55 kN		
10.5) Digging Force Crowd Cylinder Minimum 36kN.		
<b>11. SERVICE ABILITY</b>		
11.1) Hydraulic Oil Filter, Spin-On Enclosed Replaceable Element		
<b>12. FUEL TANK</b>		
12.1) 120L Minimum		
<b>13. LOADER DIMENSIONS/PERFORMANCE</b>		
13.1) Multi-purpose bucket <b>Factory fitted</b>		
13.2) Multi-purpose bucket with 1m <sup>3</sup> capacity		
<b>14. Guarantee</b>		
14.1) The complete vehicle must be fully guaranteed for at least 24 months or 2000Hours in accordance with requirements of MFMA. Guarantee: Against rust: ..... Rust proofing company: .....		
14.2) Bidders are expected to accept full responsibility for the complete vehicle and must under-write any guarantees offered by their subcontractors.		
<b>15. Delivery</b>		
15.1) Bidders must please specify dispatch period after placing of order in clear terms of lead-time,		

rate of dispatch and completion of contract.		
<b>16. Maintenance contract</b>		
16.1) As the possibility exist that a contract for the supply of spare parts and for the service, repair and overhaul of motor vehicles, earth moving and construction equipment will be entered into for capital equipment purchased against this bid, bidders are requested to submit details and costs for such a contract over a period not exceeding two (2) years. Labour rate: Travelling cost: ..... Spare parts discount: .....		
<b>17. Tenderers are to state here their equipment offered</b>		
17.1) Tenderer to specify Make	.....	
17.2) Tenderer to specify Type	.....	
17.3) Tenderer to specify Operating Weight	.....	

SCHEDULE A		SCHEDULE B													
All bidders must comply with the following six points to be considered		Comply Yes/No	Page to Reference												
<ul style="list-style-type: none"> <li>Is the bidder the official agent/dealer appointed by the original equipment manufacturer/factory? Official name of business: .....</li> </ul>															
<ul style="list-style-type: none"> <li>Is the bidder able to lodge claims directly against the factory on behalf of the client in case of failures or breakages?</li> </ul>															
<ul style="list-style-type: none"> <li>Does the bidder stock a sufficient number of spare parts on own branded premises?</li> </ul>															
<ul style="list-style-type: none"> <li>Is the bidder able to service, repair and modify the equipment in its own branded workshop?</li> </ul>															
<ul style="list-style-type: none"> <li>Does the bidder have (a) suitably equipped workshop(s) within the 200km radius of the Hessequa municipal boundary to accomplish this?</li> </ul>															
<ul style="list-style-type: none"> <li>Does the bidder have qualified artisans within the 200km radius of the Hessequa municipal boundary to accomplish this? Please provide the following Information:  Location within the 200km radius of the Hessequa Municipal boundary:</li> </ul> <table border="1"> <thead> <tr> <th>Towns with an equipped and branded workshop</th> <th>Number and Street name</th> <th>Number of artisans</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </tbody> </table>		Towns with an equipped and branded workshop	Number and Street name	Number of artisans											
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**CONDITIONS OF THE TENDER**

- Vehicle must be licensed and registered to Hessequa municipality with number plates fitted before delivery at the following address:  
Hessequa Municipality, Power Station  
1 Hospital Street  
Riversdale  
6670

Initials of Service Provider's Authority: .....

2. Vehicle must be delivered with a full fuel tank.
3. All guarantees must be stipulated in the tender. Details of the guaranteed must be supplied. **(attach proof)**.
4. Bidders must submit a **certified letter from the OEM** confirming that they are authorized to sell or distribute the manufacturers equipment and provide any agreements they have with the Original Equipment Manufacturer.
5. Tenderer must have a dealership or fully equipped workshop within 200km (straight line distance), the radius of the Hessequa municipal boundary for service and repairs. Proof of the said dealership or workshop must be submitted together with the tender. If the bidder does not have the said workshop or dealership, proof of a valid agreement with a local dealer or workshop owner must be attached. **(attach proof)**.
6. The unit shall have an Extendable dipper as **Factory fitted**.
7. The unit shall have a Multi-purpose bucket **(Factory fitted)**.

**Failure to adhere to the above, will result in your tender being declared non-responsive.**

DECLARATION,

I, THE UNDERSIGNED (NAME) .....  
CERTIFY THAT THE INFORMATION FURNISHED ABOVE IS CORRECT. I ACCEPT THAT THE MUNICIPALITY MAY ACT  
AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

AUTHORISED SIGNATURE: .....

NAME: .....

CAPACITY: .....

DATE: .....

Initials of Service Provider's Authority: .....