

## Annexure B

Item	Description	Unit Price Delivered Excluding Vat	Delivery Period – to be stated as the number of weeks from date of purchase order date	Make and Model of Vehicle Offered
33.1	8 TON TIP TRUCK AND 7.5T/M CRANE WITH CLAMSHELL GRAB (Auto)	R		
OPTIONAL EXTRAS				
Sub- Items	Description	Unit Price Excl VAT		Make & Model
33.2	2.5kg dry powder fire extinguisher	R		
33.3	Radio with cd player or radio with USB and Bluetooth.	R		
33.4	Air conditioner	R		
33.5	LED Amber flashing light	R		
33.6	Full length LED light bar	R		
33.7	Half-length LED light bar	R		
33.8	Trailer brakes twin line palm couplings	R		
33.9	Rear tow hitch 2 level	R		
33.10	Automatic, spring loaded trailer coupling Jost 40mm or equivalent, with standard 7 pin trailer plug	R		
33.11	Aluminium Epoxy Paint Specification	R		
33.12	Engine protection system	R		
33.13	Hydraulic Cactus Grab	R		
33.14	Secondary extension boom	R		
TENDERER TO SUPPLY BRANDING PRICES FOR THE FOLLOWING SIX DEPARTMENTS:				
33.15	Traffic Services	R		
	Disaster Management	R		
	Metro Police	R		
	Law Enforcement	R		
	Highway Patrol	R		
	Fire And Rescue	R		
	TOTAL UNIT PRICE This includes the price of the vehicle plus all the Optional Extras (Excl VAT)	R		

Where an item is supplied as a factory fitted part, tenderers are to indicate this in the make and model column.

**OPTIONAL EXTRA TABLE MUST BE COMPLETED FOR EACH AND EVERY ITEM OFFERED ON TENDER**  
**NOTE: (SEE ANNEXURE D FOR DETAILS OF OPTIONAL/EXTRAS).**

Item	Description	Unit Price Delivered Excluding Vat	Delivery Period – to be stated as the number of weeks from date of purchase order date	Make and Model of Vehicle Offered
45.1	7000L STREET WASHING VEHICLE (Auto)	R		
OPTIONAL EXTRAS				
Sub-Items	Description	Unit Price Excl VAT		Make & Model
45.2	2.5kg dry powder fire extinguisher	R		
45.3	Radio with cd player or radio with USB and Bluetooth.	R		
45.4	Air conditioner	R		
45.5	LED Amber flashing light	R		
45.6	Full length LED light bar	R		
45.7	Half-length LED light bar	R		
45.8	Trailer brakes twin line palm couplings	R		
45.9	Rear tow hitch 2 level	R		
45.10	Automatic, spring loaded trailer coupling Jost 40mm or equivalent, with standard 7 pin trailer plug	R		
45.11	Aluminium Epoxy Paint Specification	R		
45.12	Engine protection system	R		
TENDERER TO SUPPLY BRANDING PRICES FOR THE FOLLOWING SIX DEPARTMENTS:				
45.13	Traffic Services	R		
	Disaster Management	R		
	Metro Police	R		
	Law Enforcement	R		
	Highway Patrol	R		
	Fire And Rescue	R		
	TOTAL UNIT PRICE This includes the price of the vehicle plus all the Optional Extras (Excl VAT)	R		

Where an item is supplied as a factory fitted part, tenderers are to indicate this in the make and model column.

**OPTIONAL EXTRA TABLE MUST BE COMPLETED FOR EACH AND EVERY ITEM OFFERED ON TENDER  
NOTE: (SEE ANNEXURE D FOR DETAILS OF OPTIONAL/EXTRAS).**

## **ITEM SPECIFICATION**

### **ITEM 26: 7 TON 4X4 SCOW BACK TIP TRUCK WITH 7.5T/M CRANE AND CLAMSHELL GRAB** **(Auto)**

#### **ENGINE:**

Petrol or Diesel	:	Diesel
Piston displacement	:	Not less than 4250 cm <sup>3</sup>
Power rating	:	Not less than 150 kW
Max. NETT Torque at sea level	:	Not less than 550 Nm

#### **TRANSMISSION / PERFORMANCE**

Automatic or Manual	:	Automatic or Automatic Manual Transmission
Configuration	:	4 x 4
Gradeability (Loaded)	:	Not less than 30%
Maximum speed	:	Not less than 80 km/h
Brakes	:	ABS required

#### **CHASSIS CAB:**

Configuration Normal or Forward	:	Either
Seating	:	To seat a driver and at least 1 passenger.
Heater and windscreen demister	:	Required.
Reversing warning buzzer and light	:	Required.
Colour	:	Standard factory white.

#### **BODY**

Type	:	Scow-back tipper with fixed sides
Cab Protection Guard	:	Required
Dimensions (interior)	:	To suit payload
Stuck capacity	:	5m <sup>3</sup>
Material of construction	:	Steel
PAYLOAD	:	Not less than 6000 Kg after fitment of crane
G.V.M	:	Not less than 15 000 Kg

#### **HYDRAULIC HOIST**

	:	Required
Type and Position	:	Underbody Scissor Type
Minimum angle of tip	:	50°

#### **HYDRAULIC PUMP**

	:	Required
Type	:	Preferably swash plate integral with P.T.O.

#### **POWER TAKE-OFF**

	:	Required
Type	:	Intermittent Rating

### **3. CAB**

The driver's cab of a vehicle shall be adequately insulated against engine heat and noise and shall be suitably ventilated.

The sound pressure as measured at driver's ear level in the cab of the vehicle should not be above 85dB(A).

3.1 While travelling on a smooth level road at a steady speed of 60 km/h.

3.2 While accelerating at full throttle from 0 to 30 km/h.

3.3 All crew cabs which are specified must be factory built and the vehicle homologated as such.

### **4. BODIES**

#### **4.1 TIPPER AND PLATFORM TYPES**

4.1.1 Suppliers must ensure that the wheelbase of a tip truck offered is such that the body hinge pin can be located over the rear spring hanger without the body overhanging the hinge pin by more than 380 mm for a single rear axle vehicle and 550 mm for a tandem rear axle vehicle.

4.1.2 Where a steel body is specified either 5 mm sheet steel, 3 mm Corten steel or (3mm Domex or equivalent) shall be used for the floor thereof, and either 3 mm sheet steel or (3mm Domex or equivalent) for the sides. The sides of tipper bodies shall be suitably re-enforced by means of gussets which must be fitted along the length of the load body.

Note that the 12 Ton Tip Truck requires a high tensile steel body, either Weldox, Hardox steel or equivalent.

4.1.3 A tailgate and drop sides shall be fitted unless otherwise stated. A platform body tailgate shall be hinged at the bottom and a tipper body tailgate shall be hinged top and bottom.

4.1.4 Rear taillights to be fitted with either an removable steel bar or mesh guard to protect the taillights from breaking when tipping rubble from the loadbody. This guard must in no way effect the visibility of the taillights when in operation.

4.1.5 The folding and seaming of material used for body sides and tailgate shall be such as to avoid pockets in which material or water can be lodged. Adequate drain holes shall be provided.

4.1.6 Hooks shall be provided to which tarpaulins can be secured.

4.1.7 Stirrup-type steps shall be provided on both sides at the front of the load body on a tipper and the rear or side of the load body on a platform truck to facilitate access. (Not applicable to a three-way tip truck).

4.1.8 All stirrup steps to be fitted with aluminium checkered plate.

4.1.9 Hydraulic tipping controls shall be mounted conveniently inside the cab and shall incorporate a "hold" position and a means of avoiding excessive shock loading when the body returns to the horizontal position.

4.1.10 A tipper body shall feature a built-in safety prop consisting of a tubular post pivoted on the chassis side member or hoist sub-frame and shall be capable of being engaged with a suitable socket on the body under-frame and sufficiently strong to prevent accidental lowering of the body during inspections, etc. When not in use the tubular prop shall engage in a spring clip to keep it secure.

4.1.11 A cab protection guard shall be fitted and shall be robustly constructed to bear the mass of long materials when these have to be transported. To ensure adequate visibility apertures in the cab guard shall be at least equal to and coincide with the rear windows of the vehicle cab. Such apertures shall be covered by heavy duty galvanised wire mesh, expanded metal or steel bars suitably spaced.

4.1.11.1 The cab guard of a tipper body shall be constructed of sheet steel, and shall be the full width of the cab only(unless where differently specified). The cab guard of a platform body shall be of framed construction and shall be the full width of the payload body.

4.1.11.2 Where a hydraulic crane is fitted, the cab protection guard shall be sized to allow for crane operation while still affording adequate cab protection. The crane shall be mounted in accordance with the manufacturer's specification. The crane must

## **ITEM SPECIFICATION**

### **ITEM 39: 10 000L VACUUM TANKER (Manual)**

#### **ENGINE:**

Petrol or Diesel	:	Diesel.
Piston displacement	:	Not less than 6200 cm <sup>3</sup> .
Power rating	:	Not less than 190 kW.
Max. NETT Torque at sea level	:	Not less than 850 Nm.

#### **TRANSMISSION/PERFORMANCE:**

Automatic or Manual	:	Manual.
Configuration	:	6x4
Gradeability (Loaded)	:	Not less than 25%.
Maximum speed	:	Not less than 80 km/h.
Brakes	:	ABS required

#### **CHASSIS CAB:**

Configuration Normal or Forward	:	Forward - tilt cab.
Seating	:	To seat a driver and at least 2 passenger.
Wheelbase	:	Not less than 5000 mm.
Heater and windscreen demister	:	Required.
Reversing warning buzzer and light	:	Required.
Colour	:	Standard factory white.
Payload	:	Not less than 10000 kg.
G.V.M.	:	Not less than 24000 kg

#### **BODY/TANK:**

Type	:	Vacuum Tanker. The tank should be designed to adequately withstand a vacuum of -95 kPa. The tank shall be mounted such that it has a minimum of a 75mm decline to the rear of the tank. The tank must be constructed by an SABS approved tank builder.
Dimensions	:	Standard length 10 000l capacity tank.
Material of construction	:	3CR12. Tank not less than 4.5mm thick. Domed ends not less than 6mm thick. Baffles not less than 3mm thick.
Baffles	:	The tank shall be internally reinforced and constructed with at least four internal baffles with removable panels to allow entry to all sections of the tank. The baffles shall not restrict the flow of sludge and settleable solids that normally collect in the bottom of the tank.
Manholes	:	Two 450mm manholes are required one at the front of the tank and the other at the rear of the tank. The manholes will be equipped with vacuum holding manhole covers, with single quick release mechanisms.