

**ANNEXURE A**

**Description of vehicles, plant and price schedule**

**P1**

DESCRIPTION		Quantity	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Passenger vehicles (sedan – four doors) : (Division : Fleet Management)</b>		<b>5</b>		<b>White</b>		
Interior	Air conditioned					
Safety	Airbag- for driver and passenger					
Engine capacity	1.6					
Type	Sedan					
Fuel type	Petrol					
Window	Power/electrical					
Transmission	Automatic					
Accessories / features	Immobilizer alarm					

**P2**

DESCRIPTION		Quantity	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per
<b>Double Cab 4X2 LDV (Division: Fleet)</b>		<b>3</b>		<b>White</b>		
Interior	Air conditioned					
Power output	150kw@202HP					
Safety	Airbag- for driver and passenger					
Engine capacity	4-cylinders, 2.0-2.5 litres, min 120kw and					
Fuel type	Diesel					
Window	Power/electrical					
Transmission	Manual					
Accessories / features	Rubberized					
	Immobiliser alarm					

**P3**

DESCRIPTION		Quantity	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per
<b>Double Cab 4X2 LDV (Division: Water services)</b>		<b>2</b>		<b>White</b>		
Interior	Air conditioned					
Power output	150kw@202HP					

Safety	Airbag- for driver and passenger					
Engine capacity	4-cylinders, 2.0-2.5 litres, min 120kw and					
Fuel type	Diesel					
Window	Power/electrical					
Transmission	Manual					
Accessories / features	Rubberized					
	Roof racks ( made from galvanized teel)					
	Tow Bar and Bull Bar					
	Immobiliser alarm					

**P4**

DESCRIPTION		Quantity	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per
<b>Club Cab 4X2 LDV (Division: Fleet Management)</b>		<b>3</b>		<b>White</b>		
Interior	Air conditioned					
Power output	150kw@202HP					
Safety	Airbag- for driver and passenger					
Engine capacity	4-cylinders, 2.0-2.5 litres, min 120kw and					
Fuel type	Diesel					
Window	Power/electrical					
Transmission	Manual					
Accessories / features	Rubberized					
	Tow Bar, Bull Bar and Roll Bar					
	Immobiliser alarm					

P5

DESCRIPTION		Quantity	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per
<b>Club Cab 4X2 LDV</b> <b>(Division: Water</b>		1		White		
Interior	Air conditioned					
Power output	150kw@202HP					
Safety	Airbag- for driver and passenger					
Engine capacity	4-cylinders, 2.0-2.5 litres, min 120kw and					
Fuel type	Diesel					
Window	Power/electrical					
Transmission	Manual					
Accessories / features	Rubberized					
	Tow Bar, Bull Bar and Roll Bar					
	Immobiliser alarm					
	Roof racks ( made from galvanized steel)					

**P6**

DESCRIPTION		Quantity	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>LDV 4 x 2</b>		<b>2</b>		<b>White</b>		
<b>(Division: Roads and storm water)</b>						
• Interior	Air conditioned					
• Power output	100kw					
• Safety	Airbag- for driver and passenger					
• Engine capacity	4 cylinder; 2.0-2.5 litre;					
• Torque	182Nm@+400					
Fuel type	Diesel					
• Capacity load	1ton					
• Window	Power/electrical					
• Accessories / features	Rubberising					
	Immobiliser alarm					
	3 Ton winch (with operating cord)					
	Spotlights					
	Transmission (Manual)					
	Amber warning light "flash type"					
	1 x toolboxes 1.2X0.5X0.5 Mounted,					

	Galvanized or Stainless Steel					
	Tow bar, Bull bar and Roll bar					
	Minimum Torque of 320 NM					
	Roof racks ( made from galvanized teel)					

**P7**

DESCRIPTION		Quantity	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>LDV 4 x 2</b>		<b>3</b>		<b>White</b>		
<b>(Division: Roads and Storm water)</b>						
• Interior	Air conditioned					
• Power output	100kw					
• Safety	Airbag- for driver and passenger					
• Engine capacity	4 cylinder; 2.0-2.5 litre; minimum 110kw					
• Torque	182Nm@+400					
• Fuel type	Diesel					
• Capacity load	1ton					
• Window	Power/electrical Rubberising					

<ul style="list-style-type: none"> <li>Accessories / features</li> </ul>	Immobiliser alarm					
	3 Ton winch (with operating cord)					
	Spotlights					
	Transmission (Manual)					
	Amber warning light "flash type"					
	1 x toolboxes 1.2X0.5X0.5 Mounted, Galvanized or Stainless Steel					
	Tow bar, Bull Bar and roll bar					
	Minimum Torque of 320 NM					

P8

DESCRIPTION		Quantity	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>LDV 4 x 4</b>		<b>5</b>		<b>White</b>		
<b>(Division: Electrical Department)</b>						
Interior	Air conditioned					
Power output	Minimum 120 kW					
Safety	Airbag- for driver and passenger					
Engine capacity	4 cylinders; 1.9 – 2.5 litre					
Torque	Minimum 400Nm@1700-					
Fuel type	Diesel					
Capacity load	Minimum 1ton					
Window	Power/electrical					
Torque	Minimum of 400 NM					
Transmission	Manual					
Accessories / features	Rubberizing					
	Tow bar					
	Butterfly canopy					
	Immobilizer alarm					
	3 Ton winch (with operating cord) in front					
	Spotlights					

	Amber warning light "flash type"					
	Two-way radio (Hytera MD785G with antenna)					
	3 x toolboxes					
	2 x link stick holders (Lockable)					
	Tow bar					
	Ladder rack with roller at the back					
	Two spotlights R H side of canopy "driver side"					
	Tie downs for ladder					
	Bull bar with winch plate					

**P9**

DESCRIPTION		Quantity	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
LDV 4 x 2  ( Division: Roads and storm water)		3		White		
Interior	Air conditioned					
Power output	100kw					

Safety	Airbag- for driver and				
Engine capacity	4 cylinder; 2.0-2.5 litre;				
Torque	182Nm@+400				
Fuel type	Diesel				
Capacity load	1ton				
Transmission	Manual				
<ul style="list-style-type: none"> <li>• Window</li> <li>• Accessories / Features</li> </ul>	Power/electrical				
	Rubberising				
	Immobiliser alarm				
	Spotlights				
	Amber warning light "flash type"				
	Steel Frame that extends over the cab to the front of the vehicle for loading purpose				
	1 x toolboxes 1.2X05X0.5 Mounted, Galvanized or				
	Tow and bull bar				
	Minimum Torque of 320 NM				

**P10**

DESCRIPTION		Quantity	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per
<b>LDV 4 x 2 (Division: Waste Management)</b>		<b>5</b>		<b>White</b>		
Interior	Air conditioned					
Power output	100kw					
Safety	Airbag- for driver and passenger					
Engine capacity	4 cylinder; 2.0-2.5 litre;					
Torque	182Nm@+400					
Fuel type	Diesel					
Capacity load	1ton					
Transmission	Manual					
<ul style="list-style-type: none"> <li>• Window</li> <li>• Accessories / Features</li> </ul>	Power/electrical					
	Tow bar and Bull Bar					
	Immobiliser alarm					
	Mesh high sides with a lockable latch to prevent "cargo" loss					
	Minimum Torque of 320 NM					
	Rubberized					

**P11**

DESCRIPTION		Quantity	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per
LDV 4 x 2  ( Division: Fleet Management)		3		White		
Interior	Air conditioned					
Power output	100kw					
Safety	Airbag- for driver and					
Engine capacity	4 cylinder; 2.0-2.5 litre;					
Torque	182Nm@+400					
Fuel type	Diesel					
Capacity load	1ton					
Transmission	Manual					
• Window • Accessories / Features	Power/electrical					
	Rubberizing					
	Tow bar, Bull bar and Roll bar					
	Immobiliser alarm					
	Minimum Torque of 320 NM					

**P12**

DESCRIPTION		Quantity	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per
<b>LDV 4 x 2</b>		<b>2</b>		<b>White</b>		
<b>( Division: Parks)</b>						
Interior	Air conditioned					
Power output	100kw					
Safety	Airbag- for driver and					
Engine capacity	4 cylinder; 2.0-2.5 litre;					
Torque	182Nm@+400					
Fuel type	Diesel					
Transmission	Manual					
Capacity load	1ton					
• Window • Accessories / Features	Power/electrical					
	Rubberising					
	Tow bar and Bull bar					
	Steel Frame that extends over the cab to the front of the vehicle for loading purpose					
	Immobiliser alarm					
	Minimum Torque of 320 NM					

**P13**

DESCRIPTION		Number of required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Skip truck ( Division: Waste Management)</b>		<b>01</b>		<b>White</b>		
Interior	Air conditioned					
Power output	300kw					
Safety	Airbag- for driver and					
Torque	650Nm@+400					
Fuel type	Diesel					
Capacity load	7 ton					
Power output	GVM not less than 13 500 Rear dual wheel					
Window	Power/electrical					
Maximum Lifting Capacity:	30 ton					
Window	Power/electrical					
Transmission	Manual					
Accessories / features	Expandable arms					
	Amber warning light "flash type"					

**P14**

DESCRIPTION		Quantity	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Passenger Truck (Crew Cab) (Division: Roads and</b>		<b>7</b>		<b>White</b>		
Drive	6x2 heavy-duty truck					
Interior	Air conditioned					
Power Output	191 Kw					
Safety	Driver and passenger					
Engine	6-cylinder					
Torque	404 Nm @ 1600 rpm					
Fuel Type	Diesel					
Load Capacity	6 ton (7 seats, 3 front, 4 rear)					
Windows	Power/electric					
Transmission	Manual					
Accessories / features	Tow bar					
	1 x toolboxes 1.2X05X0.5 Mounted, Galvanized					
	Two way radio-Hytera MD785G					
	Spotlights					
	Amber warning light					

	Immobiliser/Alarm					
	Tool box (1200mm x 500mm)					
	Upright steel bars to carry pipes and step ladder					
	Drinking Water Tank 50 – 60l (Stainless steel)					

**P15**

DESCRIPTION		Number of required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Trucks (Roads and Storm water)</b>		<b>2</b>		<b>White</b>		
Interior	Air conditioned					
Power Output	103 Kw					
Safety	Driver and passenger					
Engine	6-cylinder					
Torque	373 Nm @ 1600 rpm					
Fuel Type	Diesel					
Load Capacity	4 ton					
Windows	Power/electric					
Transmission	Manual					
Accessories / features	Immobiliser/Alarm Tow bar					

	Toolboxes- (1200mm x 500mm)					
	Two-way Radio-Hytera					
	Spotlights					
	Amber warning light					

**P16**

DESCRIPTION		Number of required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Truck with Crane</b>  <b>( Division: Electrical Department)</b>		<b>1</b>		<b>White</b>		
Interior	Air conditioned					
Power output	300kw					
Safety	Airbag- for driver and passanger					
Torque	1500Nm@+400					
Fuel type	Diesel					
Capacity load	Truck 700 series 6x4					
	Truck 6x4 Construction vehicle >28000 kg GVM (Tipper chassis or					

	chassis) Rear dual wheel application				
Window	Power/electrical				
Maximum Lifting Capacity:	30 ton				
Working height and reach	Boom 28.5 m, 5-Section Proportional  Sheave Height: 30 m on base boom  Basket working height				
Winch : Lower Winch Control :	Two Speed, 6,804 kg line pull on Grooved drum, mounted at base of boom				
Transmission	Manual				
Accessories / features	Immobiliser alarm				
	Spotlights				
	Amber warning light "flash type"				
	Two-way radio (Hytera MD785G with antenna)				
	3 x toolboxes				
	Tow bar				
	Ladder rack				
	Tie downs for ladder				
	Two spotlights R H side of canopy "driver side"				

P17

DESCRIPTION		Number of required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Truck with Crane</b>		<b>1</b>		<b>White</b>		
<b>( Division: Electrical Department)</b>						
Interior	Air conditioned					
Power output	300kw					
Safety	Airbag- for driver and passanger					
Torque	1500Nm@+400					
Fuel type	Diesel					
Capacity load	Truck 700 series 6x4					
	Truck 6x4 Construction vehicle >28000 kg GVM (Tipper chassis or concrete mixer chassis) Rear duel					
Window	Power/electrical					
Maximum Lifting Capacity:	30 ton					
Working height and reach	Boom with minimum of 22 m, 5-Section Proportional					

	Sheave Height: 30 m on base boom  Basket working					
Winch : Lower Winch Control :	Two Speed, 6,804 kg line pull on Grooved drum, mounted at base of boom					
Transmission	Manual					
Accessories / features	Immobiliser alarm					
	Spotlights					
	Amber warning light "flash type"					
	Two-way radio (Hytera MD785G with antenna)					
	3 x toolboxes					
	Tow bar					
	Ladder rack					
	Tie downs for ladder					
	Two spotlights R H side of canopy "driver side"					

P18

DESCRIPTION		Number of required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Truck with Crane</b>		<b>1</b>		<b>White</b>		
<b>( Division: Electrical Department)</b>						
Interior	Air conditioned					
Power output	300kw					
Safety	Airbag- for driver and passanger					
Torque	1500Nm@+400					
Fuel type	Diesel					
Capacity load	Truck 700 series 4x4					
	Truck 4x4 Construction vehicle >12000 kg GVM (Tipper chassis or concrete mixer chassis) Rear dual					
Window	Power/electrical					
Maximum Lifting Capacity:	12 ton					
Working height and reach	Boom 20 m, 5-Section Proportional  Sheave Height: 30 m on base boom  Basket working					

Winch : Lower Winch Control :	Two Speed, 6,804 kg line pull on Grooved drum, mounted at base of boom				
Maximum Lifting Capacity	20 ton				
Transmission	Manual				
Accessories / features	Immobiliser alarm				
	Spotlights				
	Amber warning light "flash type"				
	Two-way radio (Hytera MD785G with antenna)				
	3 x toolboxes				
	Tow bar				
	Ladder rack				
	Tie downs for ladder				
	Two spotlights R H side of canopy "driver side"				

P19

DESCRIPTION		Number of required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Cherry Picker</b>  <b>( Division: Electrical Department)</b>		<b>2</b>		<b>White</b>		
Interior	Air conditioned					
Power output	100kw					
Safety	Airbag- for driver and passanger					
Engine capacity	4 cylinder; 2.0-2.5 litre; minimum					
Torque	1200Nm@+300					
Fuel type	Diesel					
Capacity load	11 500kg					
Window	Power/electrical					
Maximum Working Height	16.5m					
Safe Working Load Bucket	250kg					
Side Reach Max :upper boom horizontal, lower boom at maximum angle to outer edge of	5m @8m working height					
Side Reach at Max Height : to outer edge of budget	2.2m @16.5 m working height					

Boom Swing (Maximum rotation between mechanical stops)	340°					
Manual Lever Controls	Manual lever controls					
Maximum Hydraulic Pressure	15mm (Nominal)					
Stabiliser (Jacks) : One Pair Vertical	Standard					
Primary Power	Power take off (PTO) with hydraulic					
Load body	Steel deck (5mm thick)					
Toobin	Steel lockable toolbin (1500mm x 400mm x 400mm) Top-opening lid 3mm steel					
Typical Weight for Aerial Platforms/upp er Works	700kg					
Transmission	Manual					
	Rubberising					
	Immobiliser alarm					
	3 Ton winch (with operating cord)					
	Spotlights					
	Amber warning light "flash type"					

	Two-way radio (Hytera MD785G with antenna)					
	Two spotlights R H side of canopy "driver side"					
	Amber warning light					

**P20**

DESCRIPTION		Number of required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>3 Ton 4x4 Crew Cab Truck</b>  <b>( Division: Electrical Department)</b>		<b>2</b>		<b>White</b>		
Interior	Air conditioned					
Power output	120 Kw @ 2000					
Safety	Airbag- for driver and passenger					
Torque	420Nm@1400					
Fuel type	Diesel					
Capacity load	3 Ton					
Transmission	Manual 4x4					
Windows	Power/electric					
Approx Payload + body	5000 kg					
Transmission	Manual					

Accessories / features	Working lights				
	Immobiliser alarm				
	Spotlights				
	Amber warning light "flash type"				
	Two-way radio (Hytera MD785G with antenna)				
	3 x toolboxes				
	Tow bar				
	Ladder rack that extends over the cab				
	Tie downs for ladder				
	Drinking Water Tank 50 – 60l (Stainless steel)				
	Two spotlights R H side of canopy "driver side"				
	Amber warning light				

P21

DESCRIPTION		Number of required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>TLB 4x4 (Roads and water services)</b>		<b>5</b>		<b>Yellow machine</b>		
Drive	4x4					
Interior	Air conditioned					
Power Output	64 kW					
Safety	Driver airbag					
Engine	4-cylinder					
Torque	350 Nm @ 1800 rpm					
Fuel Type	Diesel					
Load Capacity (Front Bucket)	1m <sup>3</sup>					
Windows	Electric					
Transmission	Manual					
Accessories / features	Immobiliser/Alarm					
	3 Ton Winch					
	Spotlights					
	Amber Flashlight					
	Two-way Radio					
	Link Stick Holders - Hytera MD785G					
	ladder rack with tie-downs					

P22

DESCRIPTION		Number of required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Grader (Roads and Storm water)</b>		<b>3</b>		<b>Yellow machine</b>		
Power Output	138 kW					
Safety	ROPS-certified cabs; Seat belts					
Engine	6-cylinder					
Torque	900 Nm @ 1450 rpm					
Fuel Type	Diesel					
Operating Weight	21 261 kg					
Windows	Manual					
Transmission	Power Shift (Automatic)					
Hydraulic System: Pump Type:	Axial piston					
Relief Valve Pressure:	3500 psi					
Accessories / features	Two-Way Radio - Hytera MD785G with Antenna					
	Spotlights					
	Amber Warning Light					
	Toolboxes-					

**P23**

DESCRIPTION		Number of required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>16 000L WATER TANKER (Roads and Water)</b>		<b>3</b>		<b>White</b>		
Drive	6x2 heavy-duty truck					
Interior	Air conditioned					
Power Output	220 Kw					
Safety	Driver and passenger					
Engine	6-cylinder					
Torque	900 Nm @ 1500 rpm					
Fuel Type	Diesel					
Load Capacity	16 000L					
Windows	Power/electric					
Transmission	Manual					
Pump	High-capacity centrifugal pump, minimum 3,000 L/min					
Accessories / features	Spray bars					
	Immobiliser/Alarm					
	Level gauge					
	Tow bar					
	Two-way Radio-Hytera MD785G					
	Spotlights					

	Tank structure- fitted with 15mX50mm outlet
	pipes X2 Amber warning light

P24

DESCRIPTION		Number of required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Tipper Truck (10m3) (Roads and storm water)</b>		<b>4</b>		<b>White</b>		
Drive	6x4 heavy-duty truck					
Interior	Air conditioned					
Power Output	220 Kw					
Safety	Driver and passenger airbags					
Engine	6-cylinder					
Torque	900 Nm @ 1500 rpm					
Fuel Type	Diesel					
Load Capacity	10m3					
Tank Capacity	400l					
Tare Weight	10 380kg					
Windows	Power/electric					
Transmission	Manual					
Accessories / features	Immobiliser/Alarm					
	Spotlights					
	Amber warning light					
	Two-way Radio-Hytera MD785G					

P25

DESCRIPTION		Number of required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Jet Patcher Machine (Roads and Water)</b>		<b>2</b>		<b>White</b>		
Drive	6x4 heavy-duty truck					
Interior	Air conditioned					
Power Output	36 Kw					
Safety	Driver and passenger airbags					
Engine	4-cylinder					
Torque	140 – 143 N.m @ 1800 rpm					
Fuel Type	Diesel					
Load Capacity	10m3					
Tank Capacity	400l					
Tare Weight	10 380kg					
Windows	Power/electric					
Transmission	AUTO/ALLISON					
Accessories / features	Immobiliser/Alarm					
	Spotlights					
	Amber warning light					
	Two-way Radio-Hytera MD785G					
Feature	Series 1000					
Aggregate Capacity	2 to 5 m3					
Emulsion Tank	1000L to 1500L					
Mounting Type	Truck Or Trailer					
Mechanical Data						

Auxiliary Engine	50 – 80 hp			
Air Blow	Heavy Duty			
Hydraulic System	Direct Mounted hydraulic pumps with a nominal 80-90L oil tank. 10-micron return line filters			
Specialized Data				
Spray Boom	3.4m to 3.5m length (310 radius) up to 5.5m hose			
Heating System	110/220V			
Cleaning System	90L water tanker and Kerosene (24L)			
Control Interface	In cab or Rear mounted joystick controls with multi-function screens			
Optional Equipment				
Split Hopper	Allows for carrying both aggregate and sand simultaneously			
Full Width Spray Bar	For surface dressing or sealing larger areas up to 2.4m			
Rear Compactor	60kg compactor with a dedicated transport tray			
Remote Monitoring	Cameras with LCD monitors			

DESCRIPTION		Number of required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Milling Machine (Roads and storm water)</b>		2		<b>White</b>		
<b>CNC (Computer Numerical Control) machining centres</b>						
Table Size	1245 x 229 mm					
T-Slots	3 Slots, 5/8" (16mm) wide, spaced 2.5"					
Travel (X/YZ)	36" (914 mm) Longitudinal, 12" (305mm) Cross, and 16" (406mm) Knee Travel					
Motor Power	2HP continuous (3 HP for 30-min duty cycles)					
Speed Range	60 to 4200RPM					
Spindle Taper	Standard R8 or ISO 30/40					
Head Tilt	90° left/right and +-45° forward/backward					
Lubrication	One short, centralized lubrication system for and					
Weight	Approximately 1,930lbs (875 kg) net weight					
<b>CNC Vertical Machining centre (VMC)</b>						
Rapid Traverse	Ranges from 10 to 25 m/min					

Positioning Accuracy	Often within +/-0.003 mm to +/-0.005 mm				
Power	Typically 7.5kW to 30kW or more for industrial bed mills				
Speed	8000 to 12,000 RPM, with high speed models exceeding 20,000 RPM				
Tool Changer	12 to 24 +- stations				
Column & Base	Constructed from heavy-duty cast iron to provide rigidity and dampen vibrations during heavy stock removal				
Guideways	Precision-ground dovetail or square ways, often chrome-plated or hand-scraped for accuracy				
Coolant System	Integrated recirculatory pump and tank 40W to 120W				
Feedback Systems	Digital Read-Out (DRO) systems are standard on modern manual machines for 0.01 mm resolution tracking				

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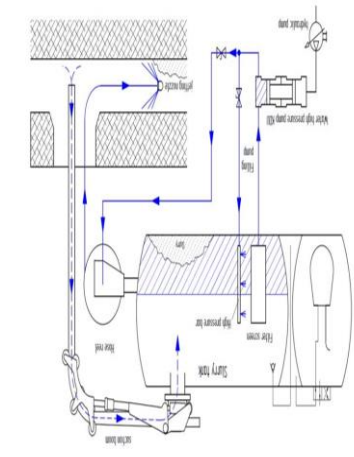
DESCRIPTION		N u m b e r	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Sewer Jetting Truck (Water and Sanitation)</b>		<b>1</b>		<b>White</b>		
Tank Sheet	304 Stainless Steel, 6mm thick, 1760mm					
Fresh Water Tank Size	5 000 litres					
Slurry tank	7500 litres					
Total capacity	12 500 litres					
Separator Tank	304 Stainless Steel, mounted between debris tank and fresh water tank (1000 litres) Manhole 300mm with overpressure safety valve. Drain 2" with gate valve (NW50) on left side of vehicle					
Tank end	6 Pin Type Hydraulic pins used to close circumference of tank lid Sight glasses 3 off and rear of tank for water level indication rotating beacon on top on tank end, adjustable in height Rear under run bumper mounted on chassis suction and drain valve 6", Pneumatic Type (NW150)					
Tank tilting system	Multistage hydraulic cylinder with security system and hard chrome plated piston rod					

Tank Cleaning Nozzle	<p>Supports fast and through cleaning of tank and filter system.  Supply directly through the high-pressure system  Only suitable for fresh water operation</p>		
Tank Finish	<p>All steels parts are to be sandblasted and spray-painted in Vermillion Red RAL 2002.  The water pipes are to be galvanized and the fresh water tank must be tare poxy-coated inside. Grey-colored parts must include: High-pressure hose reel, suction boom, hydraulic valves and support.</p>		
Tube and Hose holders fix, 4-fold left	<p>OP-254002 Tube and hose holders fix, 4-fold left. Mounted on the left side of the tank. Rubber tensions to secure tubes. 4 extensions tubes or hoses NW 100. Without extensions tubes and hoses</p>		
Vacuum System	<p>Max capacity 3100 m3/h, max. vacuum/overpressure, 0.85 bar / 0.5 bar to have 3 stages of suction.</p>		
High-Pressure System	<p>Pressure Transformer which converts oil pressure into water pressure with 1:1 piston ratio. Operating capacity 320 l/min. Operating Pressure 205 bar. One moving component only the piston</p>		

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Hydraulic System	<p>Vacuum Pump  High Pressure System  Hose reel drive  Gear pump  Pump driven by PTO of the truck engine, optimum torque (1000 – max. 1400 RPM) and must be rubber mounted  hydraulic pump</p>				
Accessories	<p>Hand Hose reel 40m ½”  Galvanised hose drum with capacity of 40m ½” jetting hose. Including 20m ½ m” jetting hose with handgun and swivel joint.</p>				
Water Recycling System	<p>Water Recycling System</p> 				
Telescopic Suction Boom	<p>Lifting and lowering hydraulic, 45° lifting angle must be possible.  360° continuous swivelling hydraulic telescopic, reach from 2,95 – 4,4m  Intake and pneumatic stop valve into slurry tank 6” (NW150)  Operation at central operation panel</p>				

<p>Operation of Vehicle</p>	<p>Lever valve block must be fitted on the rear right side of the vehicle with central control panel at hose reel.          Tank end open-close          Lock pins open-close          Tilt          Boom Up-Down          Boom Left-Right (360° continuous rotation)          Boom In-Out</p> <p>Cordless Remote control to be able to run the complete unit remotely</p>		
<p>Equipment (hose box/fenders on both sides)</p>	<p>Mild steel box and powder coated fitted to left of the tank          Smaller steel box and powder coated fitted to right hand side of tank fenders must be mild steel and powder coated</p>		

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Chassis (3-axes)

Manual Transmission  
Make and Type: 2838  
6 x 4 with large space cabin.  
Wheel base – 4565 + 1350  
mm  
Engine regulation  
EDC specifications  
RPM – 1300rpm  
Vehicle width – 2500mm  
Rear axle – 800 mm  
Fender – Mild steel & powder  
coated  
Rear lights: mounted on both  
sides  
Side bumper – on both sides  
Rear bumper – on the rear  
Turn-around-lamps, side-  
marker-lamps, operating hours  
counter/PTO

PTO 1: Bolted to side PTO of  
gearbox, to drive hydraulics  
with 2 piggyback pumps.  
PTO 2: Horizontal Split shaft  
unit type to drive high pressure  
pumps to be driven  
hydraulically and vacuum  
pump to be driven hydraulically

DESCRIPTION		N u m b e r	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Asphalt Paver (Tracked/Wheeled)</b>		1		<b>White</b>		
Engine	90 – 180 kW					
Paving Width: Basic: Max with extensions:	2.5m – 4.5m Up to 6m – 9m					
Paving thickness	10mm – 300mm					
Paving speed	0 – 20m/min					
Travel speed	Up to 4 km/h					
Hopper capacity	10 – 14 tons					
Productivity	150 – 800 t/h					
Driver type	Tracked (preferred for municipal roads)					
Key Features	<ul style="list-style-type: none"> <li>• Automatic levelling system (sensor-controlled screed)</li> <li>• Heated screed (gas or electric)</li> <li>• Hydraulic augers &amp; conveyors</li> <li>• Dual operator stations</li> </ul>					

**P29**

DESCRIPTION		N u m b e r	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Road Recycler / Stabilizer (Cold Recycler)</b>		<b>1</b>		<b>White</b>		
Engine Power	300 – 450 kW					
Working width	2.0 – 2.5 m					
Recycling depth	0 – 400 mm					
Rotor speed	Variable (100 – 200 rpm)					
Productivity	200 – 800 t/h					
Travel speed	0 – 2 km/h					
Key features	<ul style="list-style-type: none"> <li>• Integrated water/cement/emulsion injection system</li> <li>• High-torque milling drum</li> <li>• Electronic depth control</li> <li>• Dust suppression system</li> </ul>					
Tank Cleaning Nozzle	<p>Supports fast and through cleaning of tank and filter system. Supply directly through the high-pressure system Only suitable for fresh water operation</p>					

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**P30**

DESCRIPTION		Number	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Mechanical Broom / Road Sweeper</b>		<b>1</b>		<b>White</b>		
Sweeping width	1.2 – 3.5 m					
Brush diameter	500 – 900 mm					
Hopper capacity	0.5 – 6 m3					
Water tanker	200 – 1500L					
Operating speed	5 – 15 km/h					
Key features	<ul style="list-style-type: none"> <li>• Dust suppression (water spray)</li> <li>• Hydraulic brush adjustment</li> <li>• Vacuum suction system (for fine material)</li> </ul>					

**P31**

DESCRIPTION		Number	Requirement met (Yes/No)	Colour	Make and model	Monthly instalment per unit
<b>Bobcat / Skid Steer Loader (S510 Skid Steer Loader)</b>		<b>1</b>		<b>White</b>		
Engine power	75 kW					
Operating weight	2,300 – 3500 kg					
Rated operating capacity	700 – 1,200 kg					
Lift height	+ - 3m					
Travel speed	10 – 18 km/h					
Key features	<ul style="list-style-type: none"> <li>• Quick attach system (universal)</li> <li>• Hydraulic auxiliary lines</li> <li>• Compact for urban</li> </ul>					
Common Attachments (very important for municipality)	<ul style="list-style-type: none"> <li>• Skid Steer Backhoe Bucket Attachment</li> <li>• Heavy-duty attachment for excavation, trenching and pothole</li> </ul>					

Essential Attachments	<ul style="list-style-type: none"> <li>• Bucket (standard &amp; tooth bucket) – excavation, loading material</li> <li>• Hydraulic broom / sweeper – Pre-asphalt cleaning</li> <li>• Planer / milling – pothole cutting</li> <li>• Auger – signage and pole installation</li> <li>• Backhoe attachment – small trenching works</li> <li>• Forks / pallet forks – material handling</li> </ul>					

**P32**

DESCRIPTION	Number of Required vehicles or plant	Requirement met (Yes/No)	Colour	Make and model	Monthl instalment per unit	
<b>FOG SPRAY TRUCK</b>	<b>1</b>					
1. Truck Chassis	<ul style="list-style-type: none"> <li>• Configuration: 4x2 or 6x4 truck-mounted</li> <li>• Engine power: 180 – 300 HP diesel</li> <li>• Transmission: Manual or Automatic</li> <li>• GVM: 16 – 26 tons</li> </ul>			<b>N/A</b>		

<p>2. Bitumen Emulsion Tank</p>	<ul style="list-style-type: none"> <li>• Capacity: 10 000 liters</li> <li>• Mild steel with anti-corrosion lining</li> <li>• Insulation: Fiberglass/mineral wool (to maintain temperature)</li> <li>• Heating System:</li> <li>• Diesel burner or thermal oil system</li> <li>• Temperature range: 40°C - 80°C (emulsion safe range)</li> </ul>					
<p>3. Pumping System</p>	<ul style="list-style-type: none"> <li>• Type; Positive displacement pump (gear or screw pump)</li> <li>• Flow rate: 200 – 800 L/min</li> <li>• Drive: Hydraulic or PTO (Power Take-Off)</li> <li>• Spray pressure: 0.2 – 1.2 MPa</li> </ul>					
<p>4. Spray Bar System ( Critical Component)</p>	<ul style="list-style-type: none"> <li>• Width: 2.5 m – 4.5 m adjustable</li> <li>• Nozzle spacing: 100-150 mm</li> <li>• Nozzle angle: 15° - 30° for uniform overlap</li> </ul>					

## ANNEXURE A

Summary of vehicles, plant and pricing				
No	Description of vehicle and plant	Division	Quantity	Monthly instalment per unit
P1	Passenger vehicles (sedan – four doors)	Fleet Management	5	
P2	Double Cab 4X2 LDV	Fleet Management	3	
P3	Double Cab 4X2 LDV	Water services	2	
P4	Club Cab 4X2 LDV	Fleet Management	3	
P5	Club Cab 4X2 LDV	Water services	1	
P6	LDV 4 x 2	Roads and storm water	4	
P7	LDV 4 x 2	Roads and storm water	3	
P8	LDV 4 x 4	Electrical Department	5	
P9	LDV 4 x 2	Roads and storm water	3	
P10	LDV 4 x 2	Waste Management	5	
P11	LDV 4 x 2	Fleet Management	3	
P12	LDV 4 x 2	Parks	2	
P13	Skip Truck	Waste Management	1	
P14	Passenger Truck (Crew Cab)	Roads and Parks	7	
P15	Trucks	Roads and Storm water	2	
P16	Truck with Crane	Electrical Department	1	
P17	Truck with Crane	Electrical Department	1	

P18	Truck with Crane	Electrical Department	1	
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P19	Cherry Picker	Electrical Department	2	
P20	3 Ton 4x4 Crew Cab Truck	Electrical Department	2	
P21	TLB 4x4	Roads and storm water	5	
P22	Grader	Roads and water service	3	
P23	16 000L WATER TANKER	Roads and Water	3	
P24	Tipper Truck (10m3)	Roads and storm water	4	
P25	Jet Patcher	Roads and storm water	1	
P26	Milling Machine	Roads and storm water	1	
P27	Sewer Jetting Truck	Water and Sanitation	1	
P28	Asphalt Paver	Roads and Storm water	1	
P29	Road Recycler / Stabilizer (Cold Recycler)	Roads and Storm water	1	
P30	Mechanical Broom / Road Sweeper	Roads and Storm water	1	
P31	Bobcat / Skid Steer Loader (S510 Skid Steer Loader)	Roads and Storm water	1	
<b>Total</b>				<b>R</b>

The pricing should be based on monthly instalment per unit and all amount should be VAT inclusive

### Vehicle management

The pricing of the following services will not be included in the price evaluation schedule, the service is based on periodic activity, and as and when required. The final terms will be negotiated with the successful bidder during signing of and Service Level Agreement

- Fuel management services
- Fleet management system
- Ad hoc vehicle rental
- Vehicle license management
- Maintenance fees
- Fleet assessment report (Annual)
- Special request for installation of tracking devices on municipal own vehicles and pla



# ANNEXURE A