

FIJI ELECTRICITY AUTHORITY



TENDER SPECIFICATIONS

MR 87/2015

PURCHASE of NEW VEHICLES

1. INTRODUCTION

The Fiji Electricity Authority (**FEA**) is a commercial statutory body responsible for the generation, transmission, distribution and retail of electricity in Fiji.

The Authority owns and maintains a fleet of more than 220 vehicles which are necessary to carry out its much needed operations nationwide, basically in Viti Levu, Vanua Levu, and Ovalau in order to maintain a high standard of electricity supply nationwide.

Due to the rugged terrains that most vehicles travel, as well as “off” sealed roads, vehicles with strong suspension system good vehicle stability with maximum torque are necessary to successfully carry out operations and achieve KPIs to international standards.

The nature of our work requires most of our vehicles to be in operation daily even through weekends, and some which also need to be standby vehicles which will be available for use, 24 hours a day.

The Authority therefore seeks sealed tenders from Motor Vehicle Dealers for the supply of various types of new vehicles, which will replace current operational vehicles which have already served their useful life within the Authority.

Preference will be given to the suppliers offering value added services such as servicing/parts agreement, bulk purchase. Spare parts and back up service delivery must be timely and readily available to ensure the efficient operations of vehicles supplied on a daily basis

The successful tenderer(s) will be required to enter into a Servicing Agreement with the FEA.

2. INSTRUCTIONS TO BIDDERS

Bidders are requested to submit their tender bids for outright purchase. Bidders must state the outright purchase price for each vehicle

For vehicles which come with additional accessories, price(s) must include supply and installation of these accessories upon delivery to the Authority.

As part of FEA's HSE Requirements, there must also be a Training conducted for each Vehicle Category chosen, to ensure drivers are fully aware of the features, as well as handling & operation of the vehicles to ensure it is used in a safe manner.

Schedules 1-3 must be filled (for each vehicle category applied for) as well as tables of specifications for each category

Price Schedule Summary (Schedule 4) must also be filled in by the bidder to ensure ease of tender evaluation by the Authority.

Various services pricing as well as menu prices for basic servicing parts must also be included.

In addition **two (2) hard copies** of the tender bids in sealed envelope shall be deposited in the tender box located at the Supply Chain Office at the FEA Head Office, 2 Marlow Street, Suva, Fiji.

Courier charges for delivery of Tender Document must be paid by the bidders.

This tender closes at 4:00pm, on Wednesday 10th of June, 2015.

For further information contact The Secretary Tender Committee, by e-mail TDelairewa@fea.com.fj

Each tender shall be sealed in an envelope with the envelope bearing only the

following marking:

Tender - MR 87/2015 - Purchase of New Vehicles
The Secretary, Tender Committee
Fiji Electricity Authority
Supply Chain Office
Private Mail Bag, Suva

It must also indicate the name and address of the tenderer on the reverse of the envelope.

Tenders received after **4:00pm** on the closing date of **Wednesday 10th of July, 2013** will not be considered.

All late tenders, unmarked envelopes and envelopes without bidder's name and address on the reverse will be returned to the Tenderers.

3. EVALUATION CRITERIA

Evaluation for tender will be based on the following general criteria

CRITERIA	MAXIMUM WEIGHT (%)
Experience of Bidders based on Past Experience/Clientelle Feedback	20%
Quality of Tender Submission - presentation, easy to understand, filling in schedules and details as per FEA requirement	10%
Meeting technical specifications & requirements. Delivery time	20%
Ability of supplier to meet FEA demands including prompt supply of spare parts and speedy servicing and repairs, and vehicle turn around time	20%

Price (includes initial price of vehicle as well as menu prices for products & servicing costs)	30%
TOTAL	100%

4 x 4 Wheel Drive Technical Specification

No	Technical Specification		Bidders Specs
1	Make		
2	Model		
3	Body	Overall dimension-Length (mm)	≥ 4900mm
		Overall dimension-Width (mm)	≥ 1600mm
		Overall dimension-Height (mm)	≥ 1900mm
		Ground clearance	≥ 500mm
		Kerb weight	≥ 2000kg
		Gross Weight	≥ 3000kg
		Seating capacity	≥ 6
4	Engine	Capacity	≥ 4000 cc
		Number of cylinder	≥ 4
		Max. Power	≥ 140kW@3300rpm
		Max. Torque	≥ 410Nm@1100rpm
		Emission level	Aus. Greenhouse rating/Euro 3
		Fuel type	Diesel
		Fuel consumption	≥ 5 km/L
		Fuel Tank	≥ 70 L
5	Transmission	Type	Manual
		Forward speed	≥5
		Reverse speed	1
		Drive type	4x4
		4WD hub engagement	Manual hubs
		Limited slip differential (Rear)	Standard
6	Steering	Type	Recirculating Ball & Nut
		Right Hand Drive	Right Hand Drive
		Power steering type	Hydraulic
7	Tyres	Number of wheels including spare tyre	5
		Size	7.5 R16C
		Rim type	Steel
8	Brakes	Front Brake	Ventilated Disc
		Rear Brake	Ventilated Disc
9	Suspension	Front	Rigid live axle, leading arm, coil springs,

			dampers & anti-roll bar	
		Rear	Rigid live axle, semi-elliptic leaf springs & dampers	
10	Other Required Accessories	Head and tail lights, cabin light, reversing and traffic lights.		
		Ammeter or warning light		
		Folding rear seat back		
		Engine oil pressure gauge or warning light		
		Battery		
		Radiator protection grill		
		Rear tow hook		
		Air Conditioned cabin		
		Audio system with FM/ AM and CD Player		
		Intermittent wiper control (Front & Rear)		
		Step-side (standard)		
		Dome lights		
		Anti Skid Brakes (ABS)		
		Airbags (Driver & Passenger)		
		Fire Extinguishers		
		First Aid Kit		
11	Tools	Set of standard tools		
12	Manuals	Maintenance Manual (2 copies)	Book + CD	
		Operation Manual (2 copies)	Book + CD	
		Spare parts catalogue (2 copies)	Book + CD	
13	Warranty	Manufacturer to provide two year Warranty		

ADDITIONAL INFORMATION

1. No of Units Required 6
2. Units with Mounted Ladder Rack 1
3. Units with Roof mounted Swivel Spot Lights 1
4. Units with Link Stick Holder on the Ladder Rack 1
5. Units with Tool Box 1
6. No of Units with Canopy with roof mounted spot light 4
7. All Units must have rear tray tuff deck

A. Specifications and 15 – Seater Bus Features

No	Technical Specification			Bidders Specs
1	Make			
2	Model			
3	Body	Overall dimension-Length (mm)	≥ 7500mm	
		Overall dimension-Width (mm)	≥ 2300mm	
		Overall dimension-Height (mm)	≥ 3000mm	
		Wheelbase	≥ 4000mm	
		Ground clearance	≥ 190mm	
		Kerb weight	≥ 7000kg	
		Gross Weight	≥ 10000kg	
		Seating capacity	15 – 20	
		No. of seating rows	4	
4	Engine	Capacity	3.5 Ltr – 6 Ltr	
		Number of cylinder	≥ 4	
		Max. Power	≥ 140kW@2000rpm	
		Max. Torque	≥ 580Nm@1200rpm	
		Emission level	Euro 3/Aust. Green house	
		Fuel type	Diesel	
		Fuel consumption	≥ 2 km/L	
		Fuel Tank	≥ 90 L	
5	Transmission	Type	Manual	
		Forward speed	5	
		Reverse speed	1	
		Drive type	6x4	
6	Steering	Type	Recirculating Ball & Nut	
		Right Hand Drive	Right Hand Drive	
		Power steering type	Hydraulic	
7	Tyres	Number of wheels including spare tyre	7	
		Size	375/55 R18 – 395/70 R24	
		Rim type	Light alloy	
8	Brakes	Front & Rear Brake	dual-circuit pneumatic braking, spring energy-storage parking, slack	

			auto-adjuster, exhaust braking,	
9	Suspension	Front	Mutli-leaf spring	
		Rear	Mutli-leaf spring	
10	Other Required Accessories	Full cabin air conditioning		
		Exhaust brakes		
		High ground clearance to minimize damage to the vehicle undercarriage		
		Enhanced handling suspension package to reduce body roll & provide superior on/off road handling and ride comfort		
		Enhanced fuel filter kit adding performance & protection against quality fuel & impurities		
		Air conditioned		
		Ample cargo space		
		Fire Extinguisher		
		AM/FM Radio		
		Blower heater		
		Tilt adjustable steering		
		First Aid Kit		
11	Tools	Set of standard tools		
12	Manuals	Maintenance Manual	Book + CD	
		Operation Manual	Book + CD	
		Spare parts catalogue	Book + CD	
13	Warranty	Manufacturer to provide two year Warranty		

ADDITIONAL INFORMATION

1. No. of Units Needed

1

B. Specifications for Panel Van

No	Technical Specification			Bidders Specs
1	Make			
2	Model			
3	Body	Overall dimension-Length (mm)	≥ 7500mm	
		Overall dimension-Width (mm)	≥ 2300mm	
		Overall dimension-Height (mm)	≥ 3000mm	
		Wheelbase	≥ 4000mm	
		Ground clearance	≥ 190mm	
		Kerb weight	≥ 7000kg	
		Gross Weight	≥ 10000kg	
		Seating capacity	6	
	No. of seating rows	1		
4	Engine	Capacity	3.5 Ltr – 6 Ltr	
		Number of cylinder	≥ 4	
		Max. Power	≥ 140kW@2000rpm	
		Max. Torque	≥ 580Nm@1200rpm	
		Emission level	Euro 3/Aust. Green house	
		Fuel type	Diesel	
		Fuel consumption	≥ 2 km/L	
		Fuel Tank	≥ 90 L	
5	Transmission	Type	Manual	
		Forward speed	5	
		Reverse speed	1	
		Drive type	6x4	
6	Steering	Type	Recirculating Ball & Nut	
		Right Hand Drive	Right Hand Drive	
		Power steering type	Hydraulic	
7	Tyres	Number of wheels including spare tyre	7	
		Size	375/55 R18 – 395/70 R24	
		Rim type	Light alloy	
8	Brakes	Front & Rear Brake	dual-circuit pneumatic	

			braking, spring energy-storage parking, slack auto-adjuster, exhaust braking,	
9	Suspension	Front	Mutli-leaf spring	
		Rear	Mutli-leaf spring	
10	Other Required Accessories	Full cabin air conditioning		
		Exhaust brakes		
		High ground clearance to minimize damage to the vehicle undercarriage		
		Enhanced handling suspension package to reduce body roll & provide superior on/off road handling and ride comfort		
		Enhanced fuel filter kit adding performance & protection against quality fuel & impurities		
		Air conditioned		
		Ample cargo space		
		Fire Extinguisher		
		AM/FM Radio		
		Blower heater		
		Tilt adjustable steering		
		First Aid Kit		
11	Tools	Set of standard tools		
12	Manuals	Maintenance Manual	Book + CD	
		Operation Manual	Book + CD	
		Spare parts catalogue	Book + CD	
13	Warranty	Manufacturer to provide two year Warranty		

ADDITIONAL INFORMATIONS

- No of units required 1.

To be fitted Ladder Rack, 2 roof mounted spot lights, and link stick holder on top of the ladder rack

C. METER READING VEHICLE

No	Technical Specification			Bidders Specs
1	Make			
2	Model			
3	Body	Overall dimension-Length (mm)	≥ 2250mm	
		Overall dimension-Width (mm)	≥ 1600mm	
		Overall dimension-Height (mm)	≥ 1670mm	
		Ground clearance	≥ 190mm	
		Kerb weight	≥ 1060kg	
		Gross Weight	≥ 1420kg	
		Seating capacity	≥ 4	
4	Engine	Capacity	≥ 1300cc	
		Number of cylinder	≥ 4	
		Max. Power	≥ 60kW@5500rpm	
		Max. Torque	≥ 110Nm@4500rpm	
		Emission level	Aus. Greenhouse rating/Euro 3	
		Fuel type	Petrol	
		Fuel consumption	≥ 5 km/L	
		Fuel Tank	≥ 40 L	

5	Transmission	Type	Manual	
		Forward speed	≥4	
		Reverse speed	1	
		Drive type	4x4	
		4WD hub engagement	Manual hubs	
		Limited slip differential (Rear)	Standard	
6	Steering	Type	Recirculating Ball & Nut	
		Right Hand Drive	Right Hand Drive	
		Power steering type	Hydraulic	
7	Tyres	Number of wheels including spare tyre	5	
		Size	205/70R15	
		Rim type	Steel	
8	Brakes	Front Brake	Ventilated Disc	
		Rear Brake	Drum, Leading and Trailing	
9	Suspension	Front	Rigid live axle, leading arm, coil springs, dampers & anti-roll bar	
		Rear	Rigid live axle, semi-elliptic leaf springs&	

			dampers	
10	Other Required Accessories	Head and tail lights, cabin light, reversing and traffic lights.		
		Ammeter or warning light		
		Folding rear seat back		
		Engine oil pressure gauge or warning light		
		Battery		
		Radiator protection grill		
		Air Conditioned cabin		
		Audio system with FM/ AM and CD Player		
		Intermittent wiper control (Front & Rear)		
		Step-side (standard)		
		Dome lights		
		Anti Skid Brakes (ABS)		
		Airbags (Driver & Passenger)		
		Fire Extinguishers		
		First Aid Kit		
11	Tools	Set of standard tools		
12	Manuals	Maintenance Manual (2 copies)	Book + CD	
		Operation Manual (2 copies)	Book + CD	

		Spare parts catalogue (2 copies)	Book + CD	
13	Warranty	Manufacturer to provide two year Warranty		

ADDITIONAL INFORMATIONS

1. No of Units 3
2. No of Units with Spot Light on Roof Top 3