

Tender for Supply of Smart UPS - 3kVA and/or R19"42RU Rack Complete



MR 89/2017

Supply of Smart UPS - 3kVA and/or R19" 42RU Rack complete

1.0 THE COMPANY - FEA

Fiji Electricity Authority (FEA) is a government owned company solely responsible for supplying power throughout the Fiji Islands. Power is supplied through Hydro, Diesel and wind mill generators located in different parts of Fiji.

The operations of the company are organized into three geographically defined divisions, which correspond to the national administrative divisions. These divisions are:

- Central Eastern Division based in the capital Suva
 - Suva, Lami, Navua, Tailevu, Levuka and part of the Coral Coast
- Wertern/Nothern Division based in Lautoka
 - Lautoka, Tavua, Ba, Sigatoka, Vatukoula, Northern Division (Labasa, Savusavu)

FEA provides electricity services to most parts of the country especially in the Viti Levu and Vanua Levu area.

FEA's official website is www.fea.com.fj .

2.0 Purpose and description of the Tender

The Fiji Electricity Authority (FEA) is requesting for bids from reputable Companies for the supply of **Smart UPS - 3kVA and Rack** to Telecom & SCADA Department for Kinoya Comms Room and Levuka power station with **Extended Battery Pack Rack/Tower**. Two other UPS in Kinoya will need battery Bank to be extended.

3.0 Eligibility / Selection Criteria of the Bidder

The supplier should be a manufacturer, authorized distributor or reseller of the products.

The vendors shall submit the names/contacts of utilities or projects where they have previously supplied the UPS.

All relevant test reports, product standard certificates, and product specification as a table form / drawings are required to be supplied in the tender as part of their bid.

Other information to be provided by the Bidder as part of the proposal:

1. Manufacturer's / Vendor's warranty on the product.
2. Method of replacement or reimbursement of faulty / defective or damaged goods
3. Lead time including manufacturing time and shipping duration.
4. The bidder must provide the weight or CBM of the products
5. Previous FEA experience with the Bidder and supplier DIFOTIS (Delivery in Full on Time in Spec)
6. It is mandatory for the Bidders to provide full specification of the UPS during submission of the Bid.

4.0 Delivery

All required equipment & accessories shall be delivered to the Fiji Ports - Nadi, Lautoka and Suva.

The procurement section of FEA will arrange for the freight with its preferred courier agent for overseas bidders.

5.0 Bidder Details

The Bidder shall provide all the necessary information specified in the tables below:

General
The registered name of the Bidder:
Business address for correspondence: <i>(Location, Street , Locality City, Pin Code, Country, Telephone, Facsimile, Email Other)</i>
Contact name of the Authorised Person:
Contact's position: Contact addresses if different from above <i>Locality City, Pin Code</i> <i>Location, Street, Country, Telephone, Facsimile, Email, Web address</i>
Business structure:
Include the organisations years of experience in this field and reputation in the market place.

6.0 Other value added services

The bidder is open to include any other information that may add value to their product or after sales services.

7.0 Technical Support

1. Bidder should provide details of what technical support is available to FEA to make better use of supplier's product.
2. Include relevant manuals and instructions for proper care and handling of the equipment and accessories.

8.0 Product Information

Bidders must include the following document together with their Bid:

- Full Product Specification
- Relevant Test Certificates
- Standard Compliance Certificate.

9.0 Package Size

The successful bidder will be required to pack and dispatch the item as per FEA's requirement. The package size and quantity will be determined by FEA unless the product is a standard factory package. All packages must be clearly marked with the quantity content in the crate or pallet. The bidder must ensure proper and suitable packing of the item before dispatch to avoid damages during transit.

10.0 Defects warranty period

All goods shall be supplied with a Warranty Period of not less than 12 months from the date of the receipt of the Goods by FEA. During the Warranty Period, defective parts shall be returned to the supplier for replacement on a pick-up exchange and return-delivery basis.

11.0 Price Validity

The price shall remain valid for acceptance within 30 working days from the date of opening of bids and bidders shall not withdraw or amend their proposal prior to the expiration of the validity period.

In exceptional circumstances prior to expiry of the original validity period, the Authority may request the supplier for an extension in the period of validity. The request and the response thereto shall be in writing. FEA can go into a preferred supplier agreement if the supplier is willing to maintain the price for a period of 1 to 3 years.

12.0 Payment Terms

FEA shall pay the invoice amount in foreign currency to the overseas bank account nominated by the successful supplier within 30 days of receipt of the invoice subject to the materials being received in good order and condition for overseas bidders. The local bidders will be paid in Fijian dollars.

13.0 Technical Specification and details.

A. UPS

<u>No</u>	<u>Item</u>	<u>Qty</u>	<u>Requirements</u>	<u>Prices\$\$ (FJD)</u>
1.	3kVA APC Smart UPS	2	Specification and User Manual needs to be supplied by Bidder	
2.	Battery Bank: APC Smart UPS x 120V Extended Battery pack on tray Rack mounted with 8-10hours up time.	7	Specification and User Manual needs to be supplied by Bidder	
3.	Network Card: UPS Smart Network Management Card to interface with Op Manager8.0 software.	2	Specification and User Manual needs to be supplied by Bidder	
4.	APC Smart Bypass Panel 230V 50A IEC320	2	Specification and User Manual needs to be supplied by Bidder	
5.	APC Smart/UPS SRT 19" Rail Kit for SRT 3kVA	8	Specification and User Manual needs to be supplied by Bidder	
6.	Surge Protector	2	Specification and User Manual needs to be supplied by Bidder	


B. 19" 42RU Rack

<u>No</u>	<u>Item</u>	<u>Qty</u>	<u>Requirements</u>	<u>Prices\$\$ (FJD)</u>
1.	R19" 42RU Rack Complete with transparent front door (600W 800D 2078H)	2	Specification and User Manual needs to be supplied by Bidder	

Other Required Specific condition

1. UPS manufacture date should be less than 6 months preferably.
2. **Batteries used should be deep cycle.**
3. Delivery lead time should be stated clearly.
4. The products and accessories that we want to purchase should be readily available by the supplier within the next 3 years.

UPS Output Specification

Output Power Capacity	3kVA
Max Configurable Power	3kVA
Nominal Output Voltage	240V
Output Voltage Note	Configurable for 240 nominal output voltage
Efficiency at Full Load	95.0% or better
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal.
Topology	Line Interactive
Waveform Type	Sine wave
Output Connections	(8) IEC 320 C13  (2) IEC Jumpers

UPS Input Specification

Nominal Input Voltage	240V
Input Frequency	50+/-5 Hz
Input Connections	AS/NZS 3112

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leak proof
Typical recharge time	To be stated by bidders.

Communications & Management

Interface Port(s)	DB-9 RS-232,SmartSlot,USB
Available Smart Slot Interface Quantity	1
Control panel	Status display with load and battery bar-

	graphs and On Line : On Battery : Replace Battery : and Overload Indicators etc.
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Optional

Surge Protection and Filtering

Surge energy rating	480 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

The UPS/Battery bank should be on tray **Rack** mount.

Smart-UPS Features

Availability

- Disconnected battery notification
- Intelligent battery management
- Power conditioning
- Temperature-compensated battery charging
- Automatic restart of loads after UPS shutdown
- Automatic self-test
- Boost and Trim Automatic Voltage Regulation (AVR)

Manageability

- Network manageable
- Audible alarms
- LED status indicators
- Serial Connectivity
- USB connectivity
- Disconnected battery notification

Serviceability

- User-replaceable batteries
- Hot-swappable batteries

- Battery failure notification
- Resettable circuit breakers
- Predictive failure notification

Adaptability

- Adjustable voltage sensitivity
- Adjustable voltage-transfer points

Safety

- Safety-agency approved

14.0 Tender Evaluation

After the bids are received, it will go through a normal tender evaluation process as per FEA’s Tender Policy and Procedures. The successful and unsuccessful bidders will be advised of the outcome after completion of the Tender evaluation process.

The evaluation of the tender submissions will be weighted as such:

No.	Components	Weighting (%)
1	Financial Components	40 %
2	Technical capability	25 %
3	Delivery timeframe. Refer to section 4.	15 %
4	Proven background on Smart UPS	10 %
5	Backup service and spare parts. Refer to section 6.	10%

TENDER FORM

The following information has to be filled by the bidder and submitted with Tender

Documents:

1. Company Name: _____
2. Director/Owner(s): _____
3. Postal Address: _____
4. Email Address: _____
5. Phone Number: _____
6. Fax Number: _____
7. Office Location: _____
8. Facsimile & Skype: _____
9. Web Address: _____
10. After Sales Contact details: _____

11. TIN Number (local bidders only): _____
12. Company Registration Number(local bidders only): _____
13. FNPf Employer Registration Number (local bidders only): _____
14. Number of Branches & locations: _____
15. Years of Experience: _____
16. Area of business Specialization: Manufacturer & Supplier
[Please tick where applicable] Retailer
 Licensed Agent
 Others, please specify _____

I hereby, declare that all the above information is correct.

Sign: _____

Position: _____

Name: _____

Date: _____

General Requirement

A. UPS

#	<u>General Requirement</u>	Please Tick (✓)	Describe in detail
i).	Specification for UPS provided in the bid.		
ii).	Specification for Battery Bank provided in the bid.		
iii).	Specification for Network Management Card provided in the bid.		
iv).	Specification for Bypass panel provided in the bid.		
v).	Specification or Rail kit provided in the bid.		
vi).	Specification for Surge protector provided in the bid.		
vii).	Willing to accept Purchase Order and willing to provide a minimum of 30days credit account.		
viii)	Be able to provide back up support and spare parts.		
ix)	Delivery time frame to be stated.		
xii)	Proven background on smart UPS provided.		
xiii)	Validity period of the price.		

FEA can go into a preferred supplier Agreement for the supply of 3kVA UPS for a period of 1 to 3 years if the bidder is willing to maintain the price for 1 – 3years.

A. 19" 42RU RACK

#	<u>General Requirement</u>	Please Tick (✓)	Describe in detail
i).	Specification for 19" 42RU RACK provided in the bid.		
ii).	Willing to accept Purchase Order and willing to provide a minimum of 30days credit account.		
iii).	Be able to provide back up support and spare parts.		
iv).	Delivery time frame to be stated.		
v).	Proven background on Cabinets provided.		
vi).	Validity period of the price.		

FEA can go into a preferred supplier Agreement for the supply of 19", 42RU Rack for a period of 1 to 3 years if the bidder is willing to maintain the price for 1 – 3years.

Tender Submission - Instruction to bidders

It is mandatory for Bidders to upload a copy of their bid in the **TENDER LINK** Electronic Tender Box no later than **4:00pm, on Wednesday 10th May, 2017**.

To register your interest and tender a response, view 'Current Tenders' at:

<https://www.tenderlink.com/fea>

For further information contact The Secretary Tender Committee, by e-mail

TDelairewa@fea.com.fj

In additional, hard copies of the tender, one original and one copy must be deposited in the tender box located at the FEA Head Office, 2 Marlow Street, Suva, Fiji no later than **4:00pm, on Wednesday, 10th May, 2017**- Addressed as

Tender – MR 89/2017 – Supply of Smart UPS – 3kVA and/or R19"42RU Rack Complete for FEA's Kinoya and FEA's Levuka Power Stations

**The Secretary Tender Committee
Fiji Electricity Authority
Head Office
Suva
Fiji**

- **Hard copies of the Tender bid will also be accepted after the closing date and time provided a soft copy is uploaded in the e-Tender Box and it is dispatched before the closing date and time.**

Tenders received after 4:00pm on the closing date of Wednesday 10th May, 2017.

- will not be considered.
- Lowest bid will not necessarily be accepted as successful bid.
- It is the responsibility of the bidder to pay courier chargers and all other cost associated with the delivery of the hard copy of the Tender submission including any Duties/Taxes. Hard copies of the Tender submission via Post Box will not be considered.