

Tender for Supply of 3kVA Smart UPS



MR 285/2017

Supply of 3kVA Smart UPS

PUBLICITY

NO PUBLICITY OR DETAILS ABOUT THIS PROJECT ARE TO BE DISCLOSED BY ANY BIDDER OR ANY OTHER ASSOCIATED PARTY WITHOUT THE WRITTEN PERMISSION OF FEA PRIOR TO, DURING OR AFTER THE PROJECT IS AWARDED. IN GENERAL ANY PUBLICITY OR MEDIA ENQUERIES WILL BE DEALT WITH BY FEA.

ALL THOSE WHO REQUEST TO UPLIFT A COPY OF THIS TENDER HAVE AGREED NOT TO DISCLOSURE ANY INFORMATION REGARDING THIS TENDER.

Glossary

- i. UPS – Uninterruptible Power Supply
- ii. kVA – kilo-volt-ampere
- iii. FEA - Fiji Electricity Authority
- iv. CBM – stands for "cubic meter" in shipping. This measurement is calculated by multiplying the width, height and length together of one's carton.
- v. DIFOTIS - Delivery in Full on Time in Spec
- vi. VAT – Value Added Tax
- vii. VIP – VAT Inclusive Price
- viii. SNMP- Simple Network Management Protocol

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1. GENERAL

1.1 The Company - FEA

Fiji Electricity Authority (FEA) is a government entity 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, Taveuni)

FEA provides electricity services to most parts of the country especially in the Viti Levu and Vanua Levu area and its electricity grid is shown in the map below.

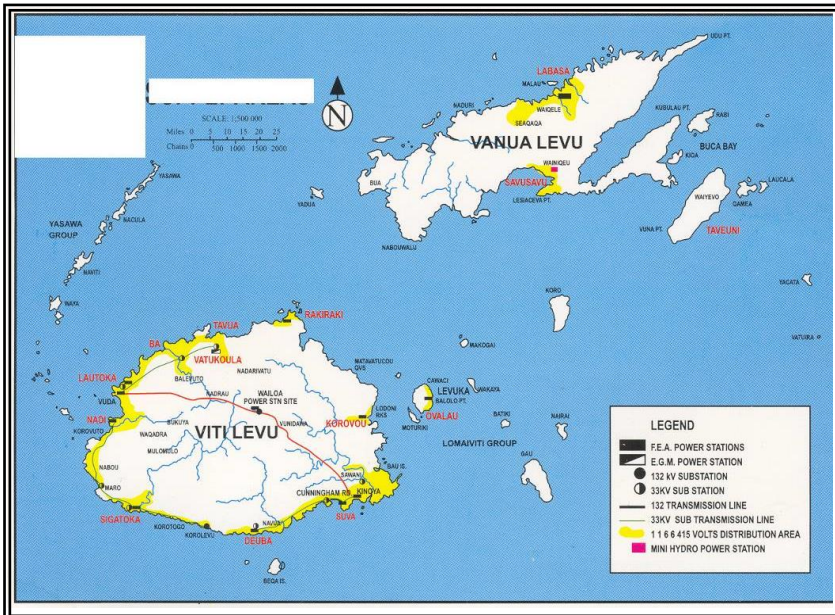


Figure 1 – Fiji Electricity Authority coverage Area

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

2. 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** to SCADA section for its substation.

3. 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 is:

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, Submission as part of the Bid.

4. DELIVERY

All required equipment & accessories shall be delivered to **ICT Workshop, Kinoya, Fiji.**

5. 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:

<p>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></p>
<p>Business structure:</p>
<p>Include the organisations years of experience in this field and reputation in the market place.</p>

6. OTHER VALUE ADDED SERVICES

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

7. TECHNICAL SUPPORT

- i. Bidder should provide details of what technical support is available to FEA to make better use of product.
- ii. Include relevant manuals and instructions for proper care and handling of the equipment and accessories, and operations.

8. PRODUCT INFORMATION

Bidders must include the following document together with their Bid:

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

9. 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. 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. PRICE VALIDITY

The price shall remain valid for acceptance within 120 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. Price Validity of more than 120 working days is highly accepted.

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. A supplier agreeing to the request will not be permitted to amend his tender price.

FEA is willing to enter into contractual agreement with the successful bidder who is willing to maintain the price for more than 1 year and become a preferred supplier of 3kVA UPS.

12. 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 payment terms as per the contractual agreement. The local bidders will be paid in Fijian dollars.

13. TECHNICAL SPECIFICATION AND REQUIREMENT


1. 3kVA Smart UPS with external battery Bank Runtime up to 8-10hours.
2. UPS Network Management Card to interface with Op Manager8 software.
3. The products and accessories that we want to purchase should be readily available with the manufacturer.
4. **APC brand UPS** is preferred but other brand manufacturers or distributors may bid as far as the SNMP card is compatible with the Op Manager8 software for remote monitoring of the status of the UPS.
5. In case, the UPS is found to be non- compatible with Op Manager8 software then, the successful bidder will be responsible for all the expenses in correcting the compatibility issues or for the return freight cost to the supplier.

UPS Output Specification

Topology	Line Interactive
Output Power Capacity	2.7 kWatts / 3.0 kVA

Max Configurable Power	2.7 kWatts / 3.0 kVA
Nominal Output Voltage	240V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Efficiency at Full Load	> 95.0%
Output Voltage Distortion	Less than 2%.
Output Frequency (sync to mains)	50/60Hz +/- 3 Hz
Waveform Type	Sine wave
Output Connections	(8) IEC 320 C13 (2) IEC Jumpers 

UPS Input Specification

Nominal Input Voltage	240V
Input Frequency	50/60 Hz +/- 5 Hz (auto sensing)
Input Connections	British BS1363A, IEC320 C20, Schuko CEE 7/EU116P  Australasian standard AS/NZS 3112 (Type I)
Input voltage range for main operations	160 - 286V
Input voltage adjustable range for mains operation	151 - 302V
Nominal Input Voltage	240V

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leak proof
Typical recharge time	3 hour(s)

Communications & Management

Interface Port(s)	Serial , Smart Slot, USB
Available Smart Slot Interface Quantity	1
Control panel	Multifunction LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Yes

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 **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
- 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. 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%

15. SUBMISSION OF TENDER

15.1 Overseas Bidders

Electronic copies of the tender bid must be uploaded in the **TENDER LINK** Electronic Tender Box no later than **4:00pm, on Wednesday 8th of November, 2017.**

To register your interest and tender a response, view 'Current Tenders' at:
<http://www.fea.com.fj/contractors-suppliers/tenders/current-tenders/>

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

15.2 Local Bidders

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

Each tender shall be sealed in an envelope with:

a). The envelope bearing only the following marking:

➤ **Tender – MR 285/2017 – Tender for Supply of 3kVA UPS**

**The Secretary, Tender Committee
Fiji Electricity Authority
Supply Chain Office
Private Mail Bag
Suva**

b). **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 8th of November, 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.

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

For further information or clarification please contact our Supply Chain Office on phone **(+679) 3224360 or (+679) 9991587.**

16. Appendix

16.1 Submission Forms

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 & reputation in the market : _____

16. Area of business Specialization:

<input type="checkbox"/>	Manufacturer & Supplier
<input type="checkbox"/>	Retailer
<input type="checkbox"/>	Licensed Agent
<input type="checkbox"/>	Others, please specify _____ _____

(Please tick where)
17. Business Structure :

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

Sign: _____
 Name: _____
 Position: _____
 Date: _____

General Requirement

#	<u>General Requirement</u>	Please Tick (✓)	Describe in detail
a).	Specification for UPS provided in the bid.		
b).	Specification for Battery Pack provided in the bid.		
c).	Specification for Network Management Card provided in the bid.		
d).	Specification for Bypass panel provided in the bid.		
e).	Specification for Rail kit provided in the bid.		
f).	UPS Brand New.		
g).	Warranty Details of each item included.		
h).	Date of Manufacture stated. Preference will be given to those UPS whose date of manufacture is less than 6-8 months .		
i).	UPS/Battery bank is rack mount .		
j).	Network Management Card is compatible with the Op Manager8 software		
k).	Willing to accept Purchase Order and provide a minimum of 30days credit account.		
l).	Be able to provide back up support and spare parts.		
m).	Delivery time frame stated.		
n).	Proven background on Smart UPS provided.		
o).	Validity period of the price.		
p).	Willing to maintain the price for a minimum of 1 year. [optional]		

16.2 Cost

Currency: Fiji Dollars	
<u>Item</u>	<u>Price , VIP</u>
3kVA UPS	\$
Battery Pack 1	\$
Battery Pack 2	\$
Battery Pack 3	\$
Battery Pack 4	\$
Battery Pack 5	\$
SNMP Card [To be compatible with Op Manager8 software]	\$
By-Pass Panel	\$
Rail Kit [if sold separately]	\$
Total	\$

All bidders (local or overseas) are to provide the price which is inclusive of freight, duty, taxes, customs clearance and delivery charges to ICT Workshop, Kinoya.

Overseas bidders may contact the following to obtain various rates:

http://www.fracs.org.fj/contact-us/ Email : info@fracs.org.fj	Duty and tax rates
Williams & Gosling Limited Email : info@wgfiji.com.fj or RajneshC@wgfiji.com.fj Website: www.wgfiji.com.fj Telephone: +679 6722855 / Fax: +679 6735730 / Mobile: +679 9977790/ 679 7053008 Office: Nadi Airport / P O Box 9414, Nadi Airport, Fiji Or any freight forwarder from the list available on the following website: http://www.yellowpages.com.fj/categories/Freight+Forwarders/	Rates for freight, customs clearance and delivery.

16.3 Envelope Address

**Tender – MR 285/2017 – Tender for
Supply of 3kVA UPS
The Secretary, Tender Committee
Fiji Electricity Authority**