



Fiji Electricity Authority

Tender Document

Supply of Portable Digital Micro-Ohmmeter complete with Accessories

Tender #: MR 352/ 2017

Tender Closing Date: 1600hrs, Wednesday, 10th January, 2018

Invitation to Bid MR 352/2017

SUPPLY OF TEST EQUIPMENT - PORTABLE DIGITAL MICRO-OHMMETER FOR FIJI ELECTRICITY AUTHORITY

Fiji Electricity Authority (“FEA”) invites Bids from eligible, qualified and capable companies for the Supply of Portable Digital Micro-Ohmmeter complete with accessories.

Interested bidders, please address your queries or questions in writing at the address given below:

Mr. Abdul Nasim,
Unit Leader Strategic Procurement, Inventories and Properties
Supply Chain Office,
2 Marlow Street, Private Mail Bag,
Suva
or email: Abduln@fea.com.fj

SECTION I - INSTRUCTIONS TO BIDDERS

***Notes to Bidders:** This section provides detailed information necessary for Bidders to prepare their Bids, in accordance with the requirements specified by the FEA. It also provides information on Bid submission, opening, evaluation and the award of contract.*

1. Scope

The entity of the FEA specified above invites bids for the Supply of Portable Digital Micro-Ohmmeter complete with accessories as described in the Bidding Document.

2. Eligibility of Bidders

2.1 This bidding is open to all eligible companies

2.2 FEA in its sole unfettered discretion, can disqualify or otherwise determine ineligible any potential Bidder that the FEA believes is, has been or will be, whether directly or indirectly, engaged in criminal or any other unethical behavior, financially unsound, or otherwise unfit in the FEA's opinion to participate in the bidding exercise.

2.3 In its Bid, the Bidder shall indicate the origin of Goods proposed.

2.3 A Bidder shall not be eligible to participate in this bidding or in the performance of the contract if the bidder:

- Is bankrupt or being wound up, is having its affair administered by the courts, has entered into an arrangement with creditors, has suspended business activities, is the subject of proceedings concerning those matters or is in any analogous situation arising from a similar procedure provided in national legislation or regulations.

- Has been the subject of a judgement which has the force of judicator for fraud, corruption, involvement in a criminal organization or any other illegal activity detrimental to the financial interests of FEA.
- Is guilty of misrepresentation in supplying the information required as a condition of participation in this bidding exercise or fail to supply this information.
- Is subject to a conflict of interest.

3. Bid Prices

- 3.1 The Bidder shall indicate on the appropriate Price Schedule, the unit prices (where applicable) and total Bid Price of the offered goods.
- 3.2 The Bidder's separation of price components will be solely for the purpose of facilitating the comparison of Bids by FEA and will not in any way limit the FEA's right to contract on any of the terms offered.
- 3.3 All non-exempt duties, taxes and other levies payable by the Contractor under the Contract/Purchase Order, or for any other cause shall be included in the rates, prices and total Bid price submitted by the Bidder.

4. Bid Currency

- 4.1 Unless otherwise specified in Section II, the unit rates and Prices shall be quoted by the Bidder's Country of Origin

5. Period of Validity of Goods

- 5.1 Unless otherwise specified in Section II, bids shall remain valid for a period of 90 days after the deadline for the receipt of Bids. A Bid valid for a shorter period shall be rejected by FEA as non-responsive.
- 5.2 In exceptional circumstances, FEA shall may solicit the Bidders' consent to an extension of the period of validity. The request and the responses thereto shall be made in writing.

Section II - Tender Specifications

Description

The Portable Digital Micro Ohmmeter should enable low resistance measurement, across multiple applications, in area without access to AC power. The test set should also supply a constant 10A current for up to 500 tests to enable enhanced productivity in remote locations. With a focus on user safety, its design features should ensure the safe operation of the instrument in the most adverse conditions, including a CAT III 600 safety rating in accordance with IEC61010-1.

Features

The unit should be user friendly having a rugged design and intuitive interface. Following are some features that the product shall have:

1. New interchangeable test lead terminations
2. Auto current reversal cancels standing EMF's
3. Protected to 600V
4. Automatically detects continuity potential and current connections
5. Multiple operating modes including fully automatic
6. Alpha numeric keypad for entering test notes
7. User selectable high and low limits
8. Small, lightweight and portable
9. Bright LCD display

Bidders are requested to make remarks on the following tables below as: $\sqrt{\quad} / X$; unless the specification provided differs from the bidder's remarks. Then the bidder shall clearly put the specification as per their bidding product.

Please note: all information should be provided in the tables below, under Bidders Remark. Hence, if it is not complete, the bidding document may result in being void and not be considered.

Item	Specifications	Bidder's Remark (√/x)
1	Modes of operation: Manual, auto, continuous	
2	Fully automatic control	
3	Maximum test current up to 10A	
4	Resistant measurement range 0.1μΩ to 10Ω	
5	Resolution of 0.1μΩ	
6	Large backlit LCD	
7	Accuracy of ±10%	

8	Noise rejection – Less than 1% ±20 digits additional error with 100mV peak 50/60Hz on the potential leads		
9	Data Transfer: real time or from storage via RS232		
10	Storage facility for at least 500 test results		
11	Battery: rechargeable supplied with charger		
12	Battery Life – At least 500 x 10A tests before recharging.		
13	Operating temperature: +5°C to +45°C (41°F to 113°F) at full specification		
14	Safety	IEC61010-1	
		CAT III 600V	
15	Maximum altitude: >200m		
16	Dimensions:	Length <300mm	
		Width <150mm	
		Height <300mm	
17	Weight: < 3Kg		
18	Standard test leads to be supplied along with instrument		
19	Instrument should be housed in a rugged, transportable carrying case		
20	Calibration certificate traceable to national / international standards		
21	All optional accessories to be quoted		
22	Alpha-numeric keypad for entering test notes		
23	Protected to 600V		
24	International Warranty for 24 months (2years)		

Included Accessories

Item	Accessories	Bidder's Remark (√/x)
1	7 Ah NiMH battery module	
2	Duplex handspikes (×2)	
3	Battery charger for operation from 115/230V , 50/60Hz supply	
4	Cigar lighter adapter for battery charging	
5	User guide	
6	International Warranty card- 24months (2years)	

Other Requirements:

Supplier should also provide:		
Item	Descriptions	Bidders Remarks
1	Calibration certificate of instrument along with the traceability	

2	Instruction manual	
3	International guarantee/warranty certificate- 24 months	
4	Service center information and contact details	
5	Bidder should provide calibration facility	
6	Quoted price should have a validity of 3 months	
7	<p>Bidder to provide following information along with technical data in their technical bid.</p> <ul style="list-style-type: none"> • Physical dimensions of the instrument • Weight of the instrument • List of the customers to whom they have supplied the quoted model 	
8	Instrument should be housed in a rugged, transportable carrying case. IP rating of case should prevent moisture and dust ingress complete with hard carrying case with locking arrangement	
9	Bidder must be able to provide back-up-service/repair and recalibration	
10	<p>Delivery lead time 6 weeks.</p> <p>Shall be delivered to Nadi Airport (Fiji) on CIF basis. Bidder must take into account all logistics and costs involved to have the item shipped to Fiji.</p>	
11	<p>Bidder shall provide mandatory hands-on training on the use of the equipment to FEA Technicians and Engineers on site (FEA Navutu, Lautoka, Fiji).</p> <p>Bidder shall provide the duration and cost associated for this training in the tender bid.</p>	

Price Schedule

Equipment	Quantity	Unit Price (CIF)	Total Price to Nadi Airport (CIF)
Portable Digital Micro-Ohmmeter	2		
Total			

General Information

1	Name and Address of the Bidder:	
2	Contacts:	
3	Telephones:	
4	E-Mail:	
5	Mobile No:	
6	Name of Chief Executive Office	
7	Sales Tax/Commercial Tax/CST nos.	
8	Service Tax No.	
9	Income Tax No.	
Name of Authorized Person		
Signature of the Bidder		
Company Stamp		
Date		

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 **1600hrs, Wednesday, 10th January, 2018.**

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 **1600hrs, Wednesday, 10th January, 2018.**

Addressed as:

Tender – MR 352/2017 – Supply of Portable Digital Micro-Ohmmeter complete with Accessories

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

Hard copies of the Tender bid will 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 **closing time 1600hrs, Wednesday, 10th January, 2018.**

- 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.**