



Fiji Electricity Authority

Tender Document

Supply 2 units of Digital Micro-Ohmmeter

Tender #: MR 54/2017

Tender Closing Date: 1600hrs, Wednesday 12th April, 2017

Invitation to Bid MR 54/2017

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

Fiji Electricity Authority ("FEA") invites Bids from eligible, qualified and capable companies for the supply of 2 units of Digital Micro-Ohmmeter.

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 2 units of Digital Micro-Ohmmeter 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 Digital Micro Ohmmeter should enable low resistance measurement, across multiple applications. The test set should also supply test currents from 10A to 600A current for up to 200 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 IEC61010-1 safety rating.

Features

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

1. Small and weighs less than 16kg
2. Test currents from 10A to 600A DC
3. 0.1 $\mu\Omega$ resolution
4. On board memory for up to 100 test results and notes
5. RS232 port to download stored results or for real time output to a printer
6. Supplied complete with 5m test leads and download software

Bidders are requested to make remarks on the following tables below as: \checkmark / 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 (\checkmark/X)
1	Modes of operation: Manual, auto, continuous	
2	Fully automatic control	
3	Maximum test current up to 600A	
4	Resistant measurement range 0.1 $\mu\Omega$ to 999.9m Ω	
5	Resolution of 0.1 $\mu\Omega$	
6	Large, high resolution backlit LCD	
7	Accuracy of $\pm 10\%$	
8	Hum rejection – 5V rms, 50/60Hz	
9	Data Transfer: real time or from storage via RS232	
10	Storage facility for at least 200 test results	
11	Operating temperature: +5 $^{\circ}$ C to +45 $^{\circ}$ C (41 $^{\circ}$ F to 113 $^{\circ}$ F) at full specification	

12	Safety: IEC61010-1		
14	Maximum altitude: >1000m		
15	Dimensions (approx.):	Length <500mm	
		Width <350mm	
		Height <350mm	
16	Weight: < 16Kg		
17	Standard test leads to be supplied along with instrument		
18	Instrument should be housed in a rugged, transportable carrying case		
19	Calibration certificate traceable to national / international standards		
20	All optional accessories to be quoted		

Included Accessories

Item	Accessories	Bidder's Remark (√/x)
1	High current digital low resistance ohmmeter	
2	5m Lead test set comprising of about 2 × 50mm ² current leads with clips and 2 potential leads with clips	
3	Download Manager	
4	RS232 download cable	
5	User guide on CD-ROM	
6	Warranty card	
7	Quick start guide	

Other Requirements

Category of Evaluation Criteria		
Supplier should also provide:		
Item	Descriptions	%Weighting
1	Calibration certificate of instrument along with the traceability	10%
2	Instruction manual	10%
3	International guarantee/warranty certificate	5%
4	Service center information and contact details	5%
5	Bidder should provide calibration facility	5%
6	Quoted price should have a validity of 3 months	5%
7	Bidder to provide following information along with technical data in their technical bid. <ul style="list-style-type: none"> • Physical dimensions of the instrument • Weight of the instrument 	5%

	<ul style="list-style-type: none"> 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	10%
9	Bidder must be able to provide back-up-service/repair and recalibration	10%
10	Delivery lead time 6 weeks	5%
11	Financial	30%

Price Schedule

Equipment	Quantity	Unit Price DDU (VEP)	Total Price (CIF) to Nadi Airport
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 12th April, 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 **1600hrs, Wednesday, 12th April, 2017.**

Addressed as:

Tender – MR 54/2017 – Supply 2 units of Digital Micro-Ohmmeter

**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 12th April, 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.**