



FIJI ELECTRICITY AUTHORITY

Tender Document

Supply of 2 Unit 10kV Insulation Resistance Tester

MR 19/2018

Tender Closing date: 1600hrs, Wednesday, 31st January, 2018

Invitation to Bid MR 19/2018

SUPPLY TEST EQUIPMENT - 10kV INSULATION RESISTANCE TESTER FOR FIJI ELECTRICITY AUTHORITY

Fiji Electricity Authority ("FEA") invites Bids from eligible, qualified and reputable companies for the Supply of 10kV Insulation Resistance Tester.

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.fi

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, and evaluation, and on the award of contract

1. Scope

1.1 The entity of the FEA specified above invites Bids for the Supply of 10kV Insulation Resistance Tester 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, 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 Good proposed.

2.3 A Bidder shall not be eligible to participate in this bidding or in the performance of the contract under consideration if such 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 subject of a judgment 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 Bidders 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

1. Insulation Resistance Tester

Insulation Resistance Tester	
Technical Specifications	Bidders Remarks
1. Mains / battery pack operated (Capable of continuous duty for P.I. measurement of large Generators) analog / digital insulation tester with selectable ranges of 500 V, 1000 V, 2500 V , 5000 V, 10000 V.	
2. Maximum I.R. measurements range 20 TΩ - 10kV	
3. Capacitance Range 10 nF to 25μF	
4. Current measurement range - 0.01nA to 6mA.	
5. Maximum weight not exceeding 7kg with accessories	
6. Facility for Insulation Resistance Test.	
7. Facility for automatic polarization index testing.	
8. Facility for dielectric discharge test.	
9. Facility for Dielectric Absorption Ratio Test.	
10. Facility for Stepped Voltage test.	
11. Facility for Ramp Test.	
12. Facility of large LCD display with backlight	
13. Noise rejection capabilities.	
14. USB type interface for download of memory.	
15. Timer Range - Minimum15 seconds setting and up to 99 minutes.	
16. Standard 3 x test leads with crocodile clips (color coded), carry case, operating manual, mains power cable and USB communication lead to be supplied along with instrument.	
17. Instrument should be housed in a rugged, transportable carrying case. IP rating of case should prevent moisture and dust ingress	
18. Calibration certificate traceable to international standards.	
19. All optional accessories to be quoted.	
20. Voltage input range 220 - 260 V rms, 50Hz	
21. Battery life 4.5Hrs continuous testing at 10kV with a 100 M ohms load. (IEC 62133:2003)	
22. Battery should have rapid charge capabilities as well as operate with flat battery from AC source.	

Category of Evaluation Criteria Supplier should also provide:	Bidder Response
1. Calibration Certificate of instrument along with the traceability	
2. Instruction Manual	
3. Standard International Two (2) Guarantee /Warranty certificate	
4. Service center information	
5. Supplier should provide calibration facility	
6. Quoted price should a validity of 3 months	
<p>7. 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. 	
<p>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.</p>	
9. Bidder must be able to provide back-up service/ repair and recalibration	
10. Bidder shall provide for hands-on training on the use of the equipment to FEA Technicians and Engineers on site	
11. Maximum I.R. measurements range 20 TΩ - 10kV	
12. Delivery lead time 6 weeks	

2. Total Bid

Equipment	Quantity	Unit Price (VEP)	Total Price (CIF) to Nadi Airport
10kV Insulation Resistance Tester complete with Hard carrying case and standard accessories	2		
State Currency of Price			

Training	Total Price Payable for Training
Training price for participants at FEA Kinoya Depot, Fiji Islands	
Training price for participants at FEA Labasa Depot, Fiji Islands	
State Currency of Price	

Note: FEA will at its discretion decide for training at a singular location of both locations as per above.

3. General Information

1	Name and Address of the Bidder:	
2	Contacts:	
3	Telephones:	
4	Fax:	
5	E-Mail:	
6	Mobile No:	
7	Name of Chief Executive Office and Telephone No:	
8	Sales Tax/Commercial Tax/CST nos.	
9	Service Tax No.	
10	Income Tax No.	

Name of Authorised 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, 31st 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, 31st January, 2018** - Addressed as

Tender - MR 19/2018 - Supply of 2 units 10kV Insulation Resistance Tester

**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, 31st 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.**