



Fiji Electricity Authority

Tender Document for Preferred Supplier of Transformer Ohmmeter Tester Complete with Accessories (Tender #: MR-116/2018)

Tender Closing Date: 1600hrs, Wednesday, 28th March, 2018.

Invitation to Bid MR 116 /2018

Preferred Supplier OF TEST EQUIPMENT FOR FIJI ELECTRICITY AUTHORITY

Fiji Electricity Authority (“FEA”) invites Bids from eligible, qualified and capable companies for the supply of Transformer Ohmmeter Tester complete with accessories.

Interested bidders, please address your queries or questions in writing to:

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 Transformer Ohmmeter Tester 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 entirely in FJD.

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-compliant.
- 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.

6. Bidders Comments

Bidders shall put in their comments in the comment section in all the required places. Please note, failure in providing any necessary information would void the bidding document. FEA shall ask for any information from the bidders, if required, whereby the bidder shall respond in three working days.

6. Contract Period

The contract period shall be for 2 years.

SECTION II – TENDER SPECIFICATIONS

1. Transformer Ohmmeter Tester

A. Description

The tester shall be fully automatic, user friendly and compact in design. The tester shall carry out 3-phase transformer Ohmmeter test on different tap positions of the transformer. It shall precisely calculate and display the resistance of each HV and LV phase to phase windings in correct resistance range. The tester shall be designed such that it reduces the work in carrying out the testing via connecting all terminal leads at once and carry out all winding testing at once without putting and changing the terminal leads.

Specification	Required	Bidders Remark
Input Power	240 V, 50 Hz	
Output (user selectable current ranges)	Up to 10mA	
	Up to 100mA	
	Up to 1A	
	Up to 10A	
Measurement Voltage		
Max Power		
Resistance Ranges		
Accuracy		
Resolution		
User Interface	Internal computer with full color on-screen with keypad and navigational pushbuttons.	
Computer Interface	USB flash drive for storage and transfer of test results	
Internal Data Storage	Tester shall have internal data storage facility.	
Type Testing	The test kit shall be type tested for Environmental Tests, Safety Tests as per relevant IEC Standard.	

B. Carrying Facility

The tester shall have a carrying handle or strap fitted to its side for easy excess while carrying the units and picking up from its transport case. There shall be a transport case for each unit. It must be of hard and rugged of material with carrying handles and lid-locks fitted to it. The interior of the cases shall have shock proof material for the units such as foam layer.

Together with the Transport Case, both the units shall have Soft Padded Carrying Case as well.

C. Weight & Dimension

The weight of the test equipments shall be light enough for one person to lift, carry and load it easily. Bidders Remarks on below weights of the units.

	Tester Unit (only)	Tester Unit with Carrying Case
Weight (Kg)		
Dimension (mm)		

D. Cables

All measurement lead shall be color coded and with sufficient length approximately 15m or more of length. All measurement leads shall be insulated and high voltage lead be double shielded. There shall be Lead Bag for HV Cables and Lead Bag for other cables and accessories.

All cable clamps shall be easily be able to clip on cables and bars for up to 40mm thick.

E. Input Power

The equipment shall be fully operational with a 240V A.C. supply source and as well as a portable generator. There shall not be any loss in performance when using a portable generator.

F. Shock and Vibration Proof

The test equipment shall be shock and vibration proof. It shall resist damage to its interior and exterior body from knocks and topples, upon transportation of the test sets at site of work to IEC 68-2-31 standard. It shall also be drop resistance to IEC 68-2-31 standard.

G. Features

1. The test set shall be able to save and retrieve data.
2. It shall be able to generate its own test signal resulting in accurate and clean measurements even in the most severe conditions and in the event that power is required from a portable generator.
3. The tester shall be designed such that test leads for all phases are corrected at once, both HV and LV, and tested at once. Rather than connecting and testing resistance of each phases one at a time. The design shall be such that one clamp is for each bushing and carries out six-winding measurement at once.
4. The tester shall have a built-in discharge facility to discharge the windings after testing.
5. Tester shall have a built-in user interface computer for instrument set-up and test options and to display results.

2. Additional Accessories

The following are the additional accessories that are required with this test set.

Accessories	Bidders Remark
Ruggedized plastic case with removable lid and carrying strap	
Transportation case.	

3. Other Requirements

Category of Evaluation Criteria	% Weighting
Supplier should also provide:	
1. Calibration Certificate of instrument along with the traceability	5 %
2. Instruction Manual	5 %
3. Standard International Guarantee/Warranty certificate	5 %
4. Service center information	5 %
5. Supplier should provide calibration facility	5 %
6. Quoted price should have a validity of 3 months (90 days)	5 %
7. Bidder is 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 • List of the customers to whom they have supplied the quoted model 	5 %
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	5 %
10. Bidder shall provide for hands-on training on the use of the equipment to FEA Technicians and Engineers on site	10 %
11. The product shall have a Warrantee Period of 36 months	5 %
12. Lead time of 6 weeks to supply the product	5 %
13. Financial	30%

4. Total Bid

Equipment	Quantity	Unit Price DDU (VEP)	Total Price (CIF) to Nadi Airport
Transformer Ohmmeter Tester with all associated test leads and Tester Case	1		
Transportation Case	1		
Training	1		
Total			

Note: All prices should be expressed in FJD/NZD/AUD.

5. 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 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, 28th March, 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 new time and date to be inserted - Addressed as

Tender – MR 116/2018 – Preferred Supplier for the Transformer Ohmmeter Tester 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, 28th March, 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.