



# **Fiji Electricity Authority**

## **Tender Document for The Supply of Test Equipment**

**Tender No: MR-89/2016**

**Tender Closing date: Wednesday 31<sup>st</sup> August 2016**

# Invitation to Bid MR 89/2016

## **SUPPLY OF TESTING EQUIPMENT FOR FIJI ELECTRICITY AUTHORITY**

Fiji Electricity Authority (“FEA”) invites Bids from eligible, qualified and capable companies for the Supply of

### **1. Underground Cable Locator 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](mailto: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, 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 Electrical Test Equipment 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 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 30 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. Underground Cable Locator complete with Accessories

<b>Underground Cable Locator complete with Accessories</b>																				
<b>Technical Specifications</b>		Bidders Remarks																		
<b>Transmitter</b>																				
1. Operating Frequencies: 118kHz, 82kHz, 65kHz, 33kHz, 8kHz & 815Hz																				
2. Display Indicators: AC load assistance measurement, low battery indicator with modulated low battery warning																				
3. Load Matching: Automatic from 5ohms to 20,000 ohms																				
4. Output Power: 6 power setting																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Frequency</th> <th style="width: 40%;">Low</th> <th style="width: 40%;">High</th> </tr> </thead> <tbody> <tr> <td>Low Range</td> <td>0.2W</td> <td>5W</td> </tr> <tr> <td>Med Range</td> <td>0.2W</td> <td>5W</td> </tr> <tr> <td>High Range</td> <td>0.2W</td> <td>1W</td> </tr> <tr> <td>Both (815Hz + 82kHz)</td> <td>0.2W</td> <td>3W</td> </tr> <tr> <td></td> <td>0.06W</td> <td>0.67W</td> </tr> </tbody> </table>			Frequency	Low	High	Low Range	0.2W	5W	Med Range	0.2W	5W	High Range	0.2W	1W	Both (815Hz + 82kHz)	0.2W	3W		0.06W	0.67W
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Both (815Hz + 82kHz)	0.2W	3W																		
	0.06W	0.67W																		
5. Power Source: 12V, 7Amp-Hr maintenance free sealed Lead acid battery with 120V AC wall mount charger and DC car charger or 8 "D" cell batteries																				
6. Battery Life: Disposable: continuous, 8-15 hours intermittent, 40-60 hours																				
7. Operating Temperature: -4 <sup>0</sup> F to 133 <sup>0</sup> F (-20 <sup>0</sup> C to 55 <sup>0</sup> C)																				
8. Size: 16" x 6.32" x 6" (41cm x 16cm x 15cm)																				
9. Weight: Maximum of 5kg																				
<b>Receiver</b>																				
10. Operating Frequencies: 118kHz, 82kHz, 65kHz, 33kHz, 8kHz & 815Hz, 640Hz, 512Hz, Passive 50 and 60Hz, RF & CP																				
11. Antenna Mode: Peak, pin-point peak and null																				
12. Display Indicators: Backlit LCD bar graph, low battery, signal strength, mode and function indicators																				
13. Audio Indication: Variable pitch response																				
14. Current Measurement: Display indicates relative current																				
15. Power Source: 6 "C" cell batteries																				
16. Battery Life: Continuous: 40 hours																				

intermittent: 82 hours	
17. Signal Strength: LCD bar graph, absolute signal strength 0-999	
18. Gain Control: Manual gain adjustment & automatic centering	
19. Dynamic Range: 126dB	
20. Depth Measurement: Push- Button to 15' & Triangulation method	
21. Operating Temperature: -4 <sup>0</sup> F to 133 <sup>0</sup> F (-20 <sup>0</sup> C to 55 <sup>0</sup> C)	
22. Size: 30.3" x 9.4" (77cm x 24cm)	
23. Weight: Maximum of 3.6kg	
<b>Accessories</b>	
24. Direct Connection Cord	
25. Ground Rod	
26. Carrying case	
27. Instruction Manual and DVD	
28. Batteries	

Other requirements	Bidders Remarks
<b>Supplier should also provide:</b>	
1. Calibration Certificate of instrument along with the traceability	
2. Standard International Guarantee /Warranty certificate	
3. Service center information.	
4. Quoted price should have a validity of 3 months	
5. Bidder to provide following information along with technical data in their technical bid <ul style="list-style-type: none"> <li>• Physical dimensions of the instrument.</li> <li>• Weight of the instrument.</li> <li>• List of the customers to whom they have supplied the quoted model.</li> </ul>	
6. Bidder must be able to provide back-up service/ repair and recalibration	
7. Bidder shall provide for hands-on training on the use of the equipment to FEA Technicians and Engineers on site	

## 2. Total Bid

<b>Equipment</b>	<b>Quantity</b>	<b>Total Price VIP (\$) FJD</b>
Underground Cable Locator complete with Accessories	4	
<b>Total</b>		

NOTE: All Prices Should be in FJD.

## 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.	

Note: Separate sheets may be attached wherever necessary.

Signature of the Bidder

With stamp and 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 **4:00pm, on Wednesday 31st August, 2016.**

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](mailto: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 **4:00pm, on Wednesday 31st August, 2016-** Addressed as

**Tender – MR 89/2016 – Supply of Technical Test Equipment**

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

- **Hard copies of the Tender bid will also 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 **4:00pm** on the closing date of **Wednesday 31st August, 2016.**

- 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.**