



# Energy Management Centre

(State Designated Agency to enforce Energy Conservation Act 2001)

Department of Power, Government of Kerala

Sreekrishna Nagar, Sreekariyam P.O.

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## NOTICE INVITING QUOTATIONS

No. EMC/333/2022-ETB-4(ESS)

Date: 01/08/2022

Sub: - Inviting quotation for supply and demonstration of Digital Earth Tester for Energy Meter Calibration Lab in Energy Management Centre- (EMC) Kerala- reg.

Competitive quotations are invited for the supply and demonstration of Digital Earth Tester.

DIGITAL EARTH TESTER- TECHNICAL SPECIFICATION		
Item	Specification	Qty
Accuracy in 2 pole method and 3 pole and 4 wire method	<ul style="list-style-type: none"> <li>from <math>\pm(3\% \text{ m.v.} + 3 \text{ digits})</math></li> </ul>	----
$\pm(\% \text{ m.v.} + \text{ digits})$		
Ground Probe	<ul style="list-style-type: none"> <li>Silver colour</li> <li>length- 0.25 Meter</li> </ul>	4 pcs
	<ul style="list-style-type: none"> <li>Insulated</li> <li>Length- minimum of 2.2Meter</li> <li>Banana Plugs 4 mm in both ends</li> <li>Rated Voltage- 1kV</li> <li>Wire insulation material- Silicon</li> <li>Color- Black</li> </ul>	

		1 pcs
Cable	<ul style="list-style-type: none"> <li>• Insulated</li> <li>• Length- minimum 2.2 Meter</li> <li>• Banana Plugs 4 mm in both ends</li> <li>• Rated Voltage- 1kV</li> <li>• Wire insulation material- Silicon</li> <li>• Color- Blue</li> </ul>	1 pcs
	<ul style="list-style-type: none"> <li>• Length- minimum 15 Meter</li> <li>• Insulated</li> <li>• Banana Plugs 4 mm in both ends</li> <li>• Color- Blue</li> <li>• Frame- H or Round</li> </ul>	1 pcs
	<ul style="list-style-type: none"> <li>• Length- minimum 15 Meter</li> <li>• Insulated</li> <li>• Banana Plugs 4 mm in both ends</li> <li>• Color- Red</li> <li>• Frame- H or Round</li> </ul>	1 pcs
Test Leads (cable reel)	<ul style="list-style-type: none"> <li>• Length- minimum 30 Meter</li> <li>• Insulated</li> <li>• Banana Plugs 4 mm in both ends</li> <li>• Color- Yellow</li> <li>• Frame- H or Round</li> </ul>	1 pcs
	<ul style="list-style-type: none"> <li>• Colour- Black</li> <li>• Capacity- 1kV, 20A</li> </ul>	1pcs
Crocodile clip	<ul style="list-style-type: none"> <li>• Colour- Blue</li> <li>• Capacity- 1kV, 20A</li> </ul>	1pcs
<b>DIGITAL EARTH TESTER- OTHER SPECIFICATIONS</b>		
Carrying Bag with harness of the device, hanging hook straps		1pcs each
Battery		4pcs or more
User manual and Guarantee card		1 pcs

Calibration Certificate Issued from a NABL accredited Laboratory with valid calibration period.	Original copy of the certificate
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The sealed envelope containing the quotation with all taxes and duties and other terms and conditions, should bear the superscription " **Bid for supply of Earth Tester in EMC lab**" and should address to **Director, Energy Management Centre, Sreekrishna Nagar, Sreekariyam, TVM-17.**

**Terms and condition**

- NABL certification with valid calibration period.
- Shall provide brochures or catalogs of items along with the quotes.
- Item should be supplied and demonstrated at EMC Lab

Last date of receipt of quotation is 2.00 P M on 08.08.2022.