

ANNEXURE TO TENDER NO DPS/MRPU/4/2/2935

Technical Specifications

Digital Earth Tester		
<u>Parameters</u>	<u>Specification</u>	
Resistance Measurement Range	0.01 Ω to 2000 Ω	
Resistance Measurement Resolution	0.01 Ω	
Resistance Measurement accuracy	$\pm 2\% \pm 2$ counts	
Earth Voltage Measurement Range	0-100 V AC	
Earth Voltage Measurement accuracy	2% ± 2 V	
Resistance Measurement Method	3 Pole	
Max. Probe Resistance	100 k Ω	
Display	3.5 Digit LCD or better	
No. of Counts	2000	
Ingress Protection	IP54	
Temperature and humidity	Operating Range	-15 $^{\circ}$ C to +55 $^{\circ}$ C
Standard Compliance and certification	Safety Compliance	EN61010-1 Cat IV and EN61557-1 and 5
Power Supply	AA type Battery Operated	
Features	Automatic Condition check of Ground Spikes	
Weight	≤ 1 kg	
Over All Dimensions (mm x mm x mm)	Less than 210 x 150 x 80	
Accessories	Three Test Leads with Earth Clamps	
Warranty	1 yrs.	

Inspection and Testing:

The supplier shall submit the proof of sourcing the material from genuine sources while offering instrument for pre-dispatch inspection. The material shall be tested and examined at the supplier's place for their make and model number as per PO during pre-dispatch inspection in the presence of Department Engineer. The manufacturer shall provide the necessary stable voltage and testing apparatus and shall offer all facilities and assistance required during the inspection. The acceptance of the material shall be after inspection of type test and factory test reports and satisfactory performance during acceptance tests witnessed by purchaser's representative.

Terms and Condition:

Only Manufacturers or Authorized distributors shall participate in the tender. Supplier shall submit the compliance and calibration certificates of device standards as mentioned in technical specifications.

Bidder must submit all the product related documents, reports while bidding. The technical specifications of the offered model shall be submitted in the enclosed checklist format.

Checklist		
<u>Parameters</u>	<u>Specification</u>	
Resistance Measurement Range		
Resistance Measurement Resolution		
Resistance Measurement accuracy		
Earth Voltage Measurement Range		
Earth Voltage Measurement accuracy		
Resistance Measurement Method		
Max. Probe Resistance		
Display		
No. of Counts		
Ingress Protection		
Temperature and humidity	Operating Range	
Standard Compliance and certification	Safety Compliance	
Power Supply		
Weight		
Over All Dimensions (mm × mm × mm)		
Accessories		
Warranty		
Ground Spikes Automatic Condition check	Yes / No	

Name of the Bidder

**Seal and Signature
of the Bidder**