

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.**

**CIN No.U40109MH2005SGC153646**

**Name of Office :- 400 kV RS Division, Kumbhargaoon, Nanded.**

**Office Address :- Office of the Executive Engineer, Nanded- Hyderabad Highway, Near Kapsi Gumfa, Kumbhargaoon Tq. Loha Dist. Nanded**

**Contact No. :- 8554905151 / 8554995329.**

**Email :- [ee2270@mahatransco.in](mailto:ee2270@mahatransco.in); ee400kvkumbhargaoon@gmail.com**

**Ref. No. EE/400kV RS/Div./K'gaon/Nanded/TS/File No.43/No. 150**

**Date :- 20.05.2022**

**E-Enquiry**

**To,**

**Subject:-** E-Enquiry (2<sup>nd</sup> Call) for supply of Digital Insulation Tester, Digital Multimeter & DC Tong Tester (Digital Clamp Meter) at 400 kV R S Kumbhargaoon, Nanded.

Dear Sir,

Sealed & super scribed quotation are invited from for the work of Schedule "A" on following terms & conditions:-

1. **Scope of work:** As per Schedule "A".
2. The quotation should be sent under sealed cover duly super scribed as QUOTATION FOR supply of Digital Insulation Tester, Digital Multimeter & DC Tong Tester (Digital Clamp Meter) at 400 kV RS Division Kumbhargaoon, Nanded. The quotation complete in all respects i.e. Offer rates should be filled in given work Schedule "A" format copy, Duly signed, sealed & super scribed, along with covering letter of bidder/agency with above mentioned subject. (Enquiry No. \_\_\_\_\_ be quoted).
3. **Quoted Rate:** The Rate shall be quoted on firm quotation basis, for the particulars mentioned in Schedule "A". Taxes and charges should be mentioned clearly. If not mentioned, rate quoted will be considered as inclusive of all taxes.
4. **Important Dates:** Quotations invited from **23.05.2022 from 10:00 Hrs**, so as to reach this office up to **29.05.2022 up to 17:00 hrs** and the same will be Opened on the same day, if possible. Quotation received after due date will not be considered. This office is not responsible for any postal delay
5. **Taxes:** Taxes will be paid & recovered, as per rules.
6. **Order value:** Order value is limited to **8,60,410.48/-** (In Words: Rupees Eight Lakhs Sixty Thousands Four Hundred and Ten only)
7. **Payment:-** 100 % payment will be made after receipt of material in good condition at 400 kV S/s Maint. Unit K'gaon, Nanded & after receipt of bills in triplicate (Indicating PAN No., GST Reg. No.) to this office along with test certificates (if any), and advance stamp receipt for arranging payment. No part payment will be made.

8. **Paying Office:-** The payment against this contract will be effected by Executive Engineer, 400 kV R S Division Kumbhargaoon, Nanded within reasonable time as per funds availability.
9. **Security Deposit:-** Security deposit i.e. 5% of order value to be paid within 7 days in terms of cash/DD to the office of the Executive Engineer, 400 kV R S Division Kumbhargaoon, Nanded from the date of issue of order.
10. **Signing of Contract:-** Agreement contract between MSETCL authority & you should be carried out on Rs.500 bond paper within 7 days from the date of receipt of the work order. You will have to borne the charges for agreement bond.
11. **Validity of Offer:-** The offer should be valid for our acceptance for a period of 90 days from the Due date of same.
12. **Documents required:-** The rate offer must be accompanied with the following documents duly attested & signed by the Agency.
  - A. Valid proof of Electrical Contractor License.
  - OR**  
Authorized Manufacturer or Dealer or Distributor Certificate.
  - B. Valid Proof of registration under GST.
  - C. Valid Proof Shop Act registration Certificate / Udyog Adhar Registration Certificate.
  - D. Experience Certificate for the work of Supply of Digital Insulation Tester, Digital Multimeter & DC Tong Tester.
  - OR**  
Experience Certificate for the work of Supply of 5kV Digital Insulation Tester.
  - E. Catalogue of the Model of each Item – Having Model no. & specifications.
13. The material shall be supplied within 45 days from the date of receipt of this office order otherwise penalty @ 1% per week subject to max.10% of the order amount will be levied at the discretion of the Competent Authority.
14. The rates offer submitted by you should be valid for at least 90 days from the last date of receipt of quotation.
15. **Material/Item Specifications:-** The materials offered should strictly conform to the specifications mentioned in Specifications Sheet (attached herewith). Wherever asked for, the necessary test certificates must accompany the consignment. If necessary, the material will be tested before / after delivery to ensure that it conforms to the specifications. If the same is not conforming, then the whole lot will be liable for rejection.
16. **Material:-** Material Received at 400 kV R S Kumbhargaoon, Nanded should be in good condition, party should have to transport all the material at their own risk & cost.

17.**Quantity :-** Quantity shown in Schedule "A".

18.**Sample:-** Sample of Digital Insulation Tester, Digital Multimeter & DC Tong Tester as per applicable standard & specification should be approved by the Executive Engineer 400 kV R S Division Kumbhargaoon, Nanded Or his nominated representative not below the rank of Additional Executive Engineer before delivery.

19.Please quote your **PAN & GST No.** in the quotation & provide **HSN code** for material to be supplied.

20.The undersigned reserves the right to place order either partly or fully or to reject any or all the quotations without assigning any reasons whatsoever

21.All the MSETCL's general terms & conditions for purchase will be binding on you.

Thanking you.

Encl.:- Schedule "A"

Yours faithfully,

**Sd/  
(V N Pawar)  
Executive Engineer  
400 kV R S Division Kumbhargaoon  
Nanded**

**Copy SWRT:-**

1. The Chief Engineer, EHV PC O&M Zone Aurangabad.
2. The Superintending Engineer, EHV O&M Circle Parli V.

**Copy to:-**

1. The Dy.Mgr (F&A), 400 kV R S Division Kumbhargaoon, Nanded
2. Website:- [www.mahatransco.co.in](http://www.mahatransco.co.in)

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.**  
**400 kV RS Division, Kumbhargaoon, Nanded.**

**Schedule “A”**

**Subject:-** Supply of Digital Insulation Tester, Digital Multimeter & DC Tong Tester (Digital clamp Meter) at 400 kV R S Kumbhargaoon, Nanded.

Sr. No.	Particulars	Unit	Reqd. Qty.	Rate / Unit to be quoted in Rs.
1	Digital Insulation Tester - 5kV	No	1	
2	Digital Multimeter	No	4	
3	DC Tong Tester (Digital Clamp Meter)	No	1	

Note:

- 1) Mention whether Rate/Unit is inclusive or exclusive of following taxes  
Labor cess @ 1% \_\_\_\_\_.  
GST @ 18% \_\_\_\_\_.
- 2) If Taxes not mentioned, the rates quoted will be considered as inclusive of all taxes.

**Signature of Agency**  
**With Rubber Stamp**

**Sd/**  
**(V N Pawar)**  
**Executive Engineer**  
**400 kV RS Division Kumbhargaoon, Nanded.**

## **SPECIFICATIONS SHEET**

### **1. Digital Insulation Tester:**

Test Range – (05 Nos.) 250 V, 500V, 1000V, 2500V & 5.0 kV  
Induction – Suitable to work in 400 kV Live Switch yard.  
Measurement Range – 10 T Ohm  
Test Facility – Timed I.R, DAR, DD, PI, SV and Ramp Diagnostic Test  
Display – Large LCD display with Back light  
Dedicated Voltmeter function – 30V to 660V AC or DC  
Memory, On screen recall & real time lock for date, time stamped results, stores 33 log PI test, 350 Log I.R test.  
High noise immunity – 3mA of noise rejection  
High current – 0.01nA to 6mA short circuit current, 2mA charge current  
CATIV 600V safety rating upto 3000m  
Remote operation via USB cable  
Download of memory via isolated USB cable or Bluetooth  
Option to record Temperature, Humidity (measured independently)  
Ingress protection IP65 Lead Closed, IP 40 Lead Open  
Display Range – 100 KOhm to 10 T ohm  
6 Hours continuous operation at 5kV with a 100 M Ohm load  
Power DB Lite asset management software  
Guard performance – 2% error guarding 500 kOhm leakage with 100 MOhm load  
2.5 hours from deep discharge, 2hours normal discharge

### **2. Digital Multimeter:**

6000 count backlit digital display  
True R.M.S reading on A.C mode  
Voltage Ranges - 1000V DC / 750V AC  
Ampere Ranges – 10A AC / DC  
Resistance, Frequency, Capacitance ranges  
CAT IV 600V  
Over voltage protection: DC 1000V or AC  
Input Impedance- 10 MOhm, less than 100 PF  
The instrument complies with IEC61010 CAT IV 600V  
Overload protection – 10A (500V), fast blow fuse

### **3. DC Tong Tester (Digital Clamp Meter)**

Leakage current measurement range – 6 mA , 60 mA, 600 mA  
Load current measurement – 6A, 60A, 100A  
Resolution – 0.001mA in lower range  
Accuracy - +/- 1% of lower range  
Measurement – True RMS  
Jaw size – 40mm, jaw opening – 43mm  
Low pass filter to avoid noise rejection due to harmonics  
6000 count display with backlight  
Min, Max and Data Hold Function  
Analog and Bargraph display for Trending  
Auto Power OFF