

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD
(CIN NO- U40109MH2005SGC153646)

Office of the,
Executive Engineer
MSETCL EHV O&M, Division,
Near Market Yard, Bapat Camp, Kolhapur
Tal: - Karvir, Dist-Kolhapur-416 005
E-mail: - ee3210@mahatransco.in
Mobile: - Off-0231-2651529, Fax-0231-2680171

MSETCL/EE/EHV O&M/Dn./Kop/T/LP/ 202

Date : 30.01.2025.

E- Enquiry (Budgetary offer)

Sub : - Enquiry for submission of budgetary offer for **Supply of break down voltage tester for transformer oil** at various substation under EHV O&M DN, Kolhapur.

Dear Sir,

Budgetary offer are invited by the undersigned for supply of break down voltage tester for transformer oil at various substation under EHV O&M DN, Kolhapur **on or before:06.02.2025 up to 18:00 Hrs.** The other terms and conditions are as mentioned below.

- 1) Quotation should be duly filled in and submitted to this office **via post or e-mail** – ee3210@mahatransco.in
- 2) **This enquiry is solely for collection of offer for estimate purpose & not for work allocation.**
- 3) The offer should be submitted as per details mentioned below.
- 4) **Quote rate in prescribed format & Attached Specifications:**

A) Details are below:

Particular	Unit	Rate per unit (Excl. of Taxes)
Supply of break down voltage tester for transformer oil under EHV O&M Dn, Kolhapur (specification as below)	No.	

(Aftab Khan)
Executive Engineer
EHV O&M Dn. Kolhapur.

Detail specification of Break down Voltage tester for transformer oil::

S.N.	Description	Units	Requirement
1	Input voltage	Volt	230±10%
2	Frequency	Hz	50
3	Electric Supply		Single phase ac Supply
4	Output voltage	kV	0-100 Kv, continuously variable, Centre point of the HV winding grounded.
5	Capacity	kVA	1
6	Duty cycle		Continuous
7	Output control		Motorized continuously variable auto-transformer for smooth variation of output voltage at 2kV±20% per second as per IS 6792 & in case of motorization failure, the unit can be operated Manually.
8	Indicator Lamps		<ul style="list-style-type: none">• Mains ON.• H.T. OFF.• H.T. ON.• Timer ON.• Earth Fault.• Withstand Test Pass.
9	Controls		<ul style="list-style-type: none">• Mains ON/OFF• Control circuit fuse.• H.T. ON & H.T. OFF push button switches.• Continuously variable auto- transformer, torodial wound, motor operated, motor “FORWARD”, “STOP” and “REVERSE”, control by switch.• kV Meter: Digital type TRMS kV Meter, Size 96X96 mm. 0-100 Kv, continues to indicate the even after trip.
10	Accuracy	%	±4% as per IS 6792.
11	Safety & Interlocks		Zero interlocking arrangement , door interlock Earth Interlocking arrangement.
12	H.V. Transformer		50-0-50 Kv heavy duty double wound resin cast H.V. Transformer.
13	Oil test cell		Oil test cell with adjustable electrodes to I.S. 6792.
14	Type of Electrode		Mushroom type
15	Stirrer		Magnetic stirrer facility available on request with ON-OFF Switch.
16	Digital Meter / Indicator.		All-in-one Single TRMS kV Meter + Digital Timer upto 999.9 seconds with Timer ON LED Indication and Withstand Pass LED Indication.

(Aftab Khan)
Executive Engineer
EHV O&M Division Kolhapur