

**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  
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Mobile: - Off-0231-2651529, Fax-0231-2680171  
MSETCL/EE/EHV O&M/Dn./Kop/T/LP/2047

Date : 21.11.2024.

**E-Enquiry for Budgetary offer**

**Sub** : - Call for submission of budgetary offer for Supply of BDV kit under EHV O&M Division Kolhapur

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Dear Sir,

Budgetary offer are invited by the undersigned for Supply of BDV kit under EHV O&M Division Kolhapur **on or before: 02.12.2024 up to 10:00 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](mailto: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 (Incl. of All Taxes)
Supply of BDV kit with demo at site	No.	

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

Sr. No.	Description	Specification limit etc
1	Voltage Measurement Range Accuracy Resolution	0-100 kV $\pm 1\text{kV}$ (1%+/-2 Digit) 0.1kV
2	Test output Voltage	0-100 KVRms
3	Power Supply	Single Phase AC 200V-250 V Or AC 90 V - 150V
4	Trip off Current	5 mA
5	Voltage Increase Rate	0.5 kV /sec to 5kV/sec (variable in steps of 0.5 kV/sec)
6	Switch off Time on Flash Over	< 10 $\mu$ Sec
8	Printer	Matrix Printer
10	Operating Temp Range	0°C to 50°C
11	Storage Temp Range	20°C TO 55°C
12	Display	LCD Display
13	Power Source	100-260 V (47-53 Hz)
14	Equipment safety Standards	IEC 61010, EN 61010-1, VDE 0411 Part 100
15	Preprogrammed standards	IEC 60156:2018 ; ASTM D1816:2012 1 mm, ASTM D 1816:2012 2 mm, ASTM D1816/97, ASTM D877/D877M:2013 PA, STM D877/D877 M : 2013 PB and all other international standards
16	Repeatability & Reproducibility	Repeatability, reproducibility and resolution to meet the requirement of the relevant standards
17	Display	The instrument shall have in built LED display for display of input and output parameters like Test standards, measuring conditions, input parameters and the Test results
18	Safety Features	CE-Compliant in accordance with Low Voltage Directive (2014/35/EC), EMC Directive ( 2014/30/EC), EN 60068-2-iff Environmental testing, Top Cover Open Interlock and earth open interlock
19	Test Vessel	The cell with capacity of 300 to 450 ml shall be made of material that is electrically insulating , Transparent and chemically inert, resistant to the insulating liquid and the cleaning agents which may be used
20	Calibration	The Instrument shall be supplied with valid calibration certificate. The calibration certificate traceable to National /International standards from ISO/IEC 17025 accredited laboratory with uncertainty calculations.
21	Working Environment Condition	The equipment should effectively function from temprature to 500 C & RH between 10 -90% (maximum relative Humidity may go up to 100%)
22	Weight and dimension	Weight: should not be more than 40 Kg
23	Type Testing	The Test kit shall be type tested for Envionmental Tests, EMI-EMC & safety Tests as per relevant IEC standards with latest amendment at any accredited laboratory. The type test report should be submitted along with the offer

24	Training	Apart from detailed demonstration at site, the supplier shall also have to arrange necessary training to the end users engineers
25	Transport Case	Transport case shall be provided
26	Additional Accessories	2.5 mm guage / Megnetic starrer Manetic lifting stick/Power cord Set of electrodes
27	Service Supprt & Repair	<p>Bidder will have to submit the documentary evidence of having established mechanism in India for prompt services.</p> <p>If the kit develops fault or malfunctions under the guarantee period. the firm will depute thier service engineer to set right the problem within a week time. If the kit needs to be shifted to suppliers works for repairs, supplier will have to bear the cost of transportation and transit insurance ( to and fro) etc. of kit for repair and after repairs kit needs to be returened within thirty days from the date of dispatch. Failing which the BG will be forfeited</p>
28	Memory	Internal Memory for 100 test results