

Office of the Executive Engineer,
3rd floor, Bramhaputra Building, MSEB Complex, Airoli,
Thane Belapur Road, At-Airoli Node, Navi Mumbai – 400 708
Email ID: ee7110@mahatransco.in

Ref.: No.EE/EHV/O&M/Dn/BND/Tech/

001247

Date : 07 AUG 2024

E-ENQUIRY

(Through MSETCL webpage)

To,
WHOM SO EVER IT MAY CONCERN

Sub.: Enquiry for Supply of Digital Clamp Meter at various substations under EHV(O&M) Division, Bhandup **submission of budgetary offers thereof.**

This office has to prepare estimate for Supply of Digital Clamp Meter at various Substations under EHV(O&M) Dn., Bhandup. It is requested to offer your favorable budgetary rate for the subject work as detailed in the enclosed Price estimate. The detailed feature of Digital Clamp Meter is as given below:

General specification: -

- | | | |
|--|----|---|
| 1] Maximum voltage between any Terminal and Earth Ground | -- | 600V |
| 2] Range | -- | (40.00, 400.0) A |
| 3] Operating temperature | -- | -10°C to +50°C, |
| 4] Storage temperature | -- | -30°C to +60°C |
| 5] Operating Altitude | -- | 2000 meters, |
| 6] Storage Altitude | -- | 12,000 meters, |
| 7] Safety | -- | As per IEC 61010 standard |
| 8] IP Rating | -- | As per IEC 60529 standard |
| 9] Electromagnetic Compatibility | -- | As per IEC 61326-1: the equipment must be compatible for Electromagnetic Environment. |
| 10] Resolution | -- | (0.01, 0.1) A |
| 11] Accuracy | -- | 2.5 % ±5 Digits (45 - 65 Hz) |

DC Current with Jaw

- | | | |
|---------------|----|------------------|
| 1] Range | -- | (40.00, 400.0) A |
| 2] Resolution | -- | (0.01, 0.1) A |
| 3] Accuracy | -- | 2.0 % ±5 Digits |

AC Voltage

- | | | |
|---------------------------|----|-----------------|
| 1] Range | -- | 600.0 V |
| 2] Resolution | -- | 0.1 V |
| 3] Accuracy (45 - 400 Hz) | -- | 1.5 % ±5 Digits |

DC Voltage

- | | | |
|---------------|----|-----------------|
| 1] Range | -- | 600.0 V |
| 2] Resolution | -- | 0.1 V |
| 3] Accuracy | -- | 1.5 % ±5 Digits |

Resistance –

- 1] Range -- (400.00, 4,000.00, 40,000.00) Ω
- 2] Resolution -- (0.1, 1, 10) Ω
- 3] Accuracy -- 1% +5 Digits

Continuity Beeper -- $\leq 30 \Omega$

Capacitance –

- 1] Range -- (100.00, 1000.0) μF
- 2] Resolution -- (0.1, 0.1) μF
- 3] Accuracy -- 1% +4 Digits

Frequency with Jaw

- 1] Range -- 5.0 to 500.0 Hz
- 2] Resolution -- 0.1 Hz
- 3] Accuracy -- 0.5 % +4 Digits
- 4] Trigger Level -- a) 5 to 10.0 Hz, $\geq 10 \text{ A}$
b) 10 to 100 Hz, $\geq 5 \text{ A}$,
c) 100 to 500 Hz, $\geq 10 \text{ A}$.

Contact Temperature – (+)

- 1] Range -- -10.0 $^{\circ}\text{C}$ to +50.0 $^{\circ}\text{C}$
- 2] Resolution -- 0.1 $^{\circ}\text{C}$
- 3] Accuracy -- 1 % \pm 8 Digits

- 1] **DUE DATE:** - The quotations, complete in all respects, duly sealed & super scribed should be submitted to this office on or before due date i.e., **Dt. 14.08.2024.**
- 2] **QUOTED RATES:** - The quoted rates should include the cost of all skilled & unskilled Labour and also the requisite consumables, T&P and all incidental charges such as traveling/ transportation, accommodation etc.
- 3] **DOCUMENT SUBMISSION:** The bidder should submit documents required for execution of work in sealed Envelope to this office.
- 4] **Please note that the said budgetary offer is only for estimate purpose & not considered for any bidding & No work order will be issued based on this Enquiry.**

Thanking you,

Yours faithfully,



(Mukund N. Pawar)
Executive Engineer
EHV O&M Dn., Bhandup

Copy to: - 1) The Manager (F&A), EHV (O&M) Circle, Kalwa.
2) Notice board.