

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

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Ref No. EE/EHV O&M/DN/SGL/T/No 831 Date **03 JUL 2024**

BUDGETARY OFFER FOR ESTIMATE

Please find herewith a detail schedule “A” & Scope of Supply of Cable height meter (Type: Laser) For EHV Line conductor (in live condition) EHV O&M Division Sangli. All interested & experienced bidders are requested to submit their best lowest budgetary offer on the Mail ID:- ee3120@mahatransco.in for the same up to Dtd. 10/07/2024. Taxes should be quoted distinctly if any. Please note that this budgetary offer is for estimation purpose only.

Specification:-

| | | |
|--|---|---|
| Measurement range | Distance: 7.5-1,600m / 8-1,750 yd. / 25-5,250 ft, Angle: ±89° | |
| Maximum measurement distance | 1,100m/ 1,200 yd. / 3,600 ft <ul style="list-style-type: none"> In addition to actual distance, horizontal distance, height, angle and vertical separation (difference in height between two targets) measurement functions, three-point measurement (height between two points) is available Target Priority Switch System for measuring overlapping subjects: First Target Priority mode displays the distance of the closest subject — useful when measuring the distance to a subject in front of an overlapping background. | |
| Distance display (increment) | [Internal display] Act (Actual distance) Main indicator: every 0.1 m/ yd. / ft, Hor (Horizontal distance)/Hgt (Height): Every 0.1 m/ yd. / ft | [External display] Sub-indicator: every 0.1 m/ yd. / ft (shorter than 999.9 m/ yd./ft) every 1.0 m/ yd. / ft (1,000.0 m/ yd./ft and over) |
| Accuracy (actual distance) | ±0.3 m/ ±0.3 yd. / ±0.9 ft (shorter than 1,000 m/ 1,000 yd. / 3,280 ft) ±1.0 m/ ±1.0 yd. / ±3.0 ft (1,000 m/ 1,000 yd. / 3,280 ft and over) | |
| Magnification (x) | 6 | |
| Effective diameter of objective lens (mm) | 21 | |
| Actual field of view (°) | 7.5 | |
| Eye relief (mm) | 18.0 | |
| Exit pupil (mm) | 3.5 | |
| Dimensions (L x H x W) (mm/ in.) | 110 × 74 × 42/ 4.3 × 2.9 × 1.7 | |
| Weight (g/ oz.) | Approx. 170/ 6.0 (without battery) | |
| Operating temperature (°C / °F) | -10 — +50°C / 14 — 122°F | |
| Power source | CR2 lithium battery × 1 (DC 3V), automatic power shut-off (after approx. 30 sec. un operated) | |
| Structure | Waterproof (up to 1 m/ 3.3 ft for 10 minutes), fog proof Battery chamber is rainproof — JIS/ IEC protection class 4 (IPX4) equivalent | |
| Laser classification | IEC60825-1: Class 1M/Laser Product, FDA/21 CFR Part 1040.10: Class I Laser Product | |
| Electromagnetic compatibility | FCC Part15 Sub Part B class B, EU:EMC directive, AS/NZS, VCCI class B, CU TR 020, ICES-003 | |
| Display | LED display with adjustable back light brightness *The results are displayed on both internal and external LCD panels. The external panel displays all results simultaneously. | |
| Wide temperature tolerance: | -10°C to +50°C / 14°F to 122°F | |
| log function | Enables up to 250 measurement results stored. Single or continuous measurement (up to 8 seconds) | |

SCHEDULE 'A' (SCOPE OF WORK)

| Sr. No. | Description | Unit | Qty | Rate /Unit | % GST |
|----------------|---|-------------|------------|-------------------|--------------|
| 1 | Cable height meter (Type: Laser) For EHV Line conductor in live condition | 2 | | | |

Note:-1. Please Clearly Mention Taxes & Other Conditions,

2. Material should be as per Standard specification mention above & Reputed Mfg.

Sd/-

**Executive Engineer
EHV O&M Dn, Sangli**