

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Executive Engineer, MSETCL, EHV O&M Dn., Sangli, CIN NO-U40109MH2005SGC153646
Office building, Vishrambag, Tal- Miraj Dist. Sangli- 416415
Contact No.—0233-2305816 (O), 0233- 2304872 (P), 0233-2304873 (F)
E-mail ID – ee3120@mahatransco.in **Website** – www.mahatransco.in

Ref No. EE/EHV O&M/DN/SGL/T/No. 881

Date **15 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. 22/07/2024. 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 • 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