

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.
CIN NO-U40109MH2005SGC153646

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Ref No. EE/EHV O&M/Dn/SGL/T/No. **268**

Date **27/02/2024**

TO WHOM SO EVER IT MAY CONCERN
BUDGETARY OFFER FOR ESTIMATE

Please find herewith a detail schedule “A” & Scope of Supply and installation of Wireless Smoke & Fire alarm system for EHV S/Stn under 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 /adee3120@mahatransco.in** for the same upto Dtd.05/03/2024. Taxes should be quoted distinctly if any.

Please note that this budgetary offer is for estimation purpose only.

SCHEDULE 'A' (SCOPE OF WORK)

Sr. No.	Description	Unit	Qty	Rate Per Unit	% GST
	Material				
1	Wireless-semi Addressable SMP (SMALL MAIN PANEL)	No.	3		
2	Wireless Addressable HP (Device Control Panel with Hooter)	No.	7		
3	Wireless Addressable ScH (Smoke cum Heat Detector)	No.	84		
4	Wireless Addressable MCP (Manual Call Point)	No.	12		
	Service				
1	Installation of Wireless Alarm system	Per/S-Stn	3		

Wireless-semi Addressable SMP (SMALL MAIN PANEL)	
1. Input Voltage: 180VAC-240VAC	10.Alarm Display: Detector ID.
2. Operating Voltage: 10VDC-12VDC	11.Max. Device capacity: 0-50 Devices
3. Battery Charging Voltage: 12.5VDC-13.98VDC	12. Communication Type: Radio Frequency (RF)
4. Battery Type: Dry cell rechargeable Battery	13. Frequency: 333.9MHz, 433.9MHz, 2.36GHz.
5. Battery Voltage: 10VDC-12.5VDC	14. Hooter Decibel: 90db Fixed.
6. Battery Current: 1.3Amp	15. Material of Hooter (Sounder): Plastic
7. Button Type: Push To On Button used for Reset Function	16.Operating Voltage of Hooter: 9VDC-12VDC
8. Input Voltage Protection	17. Panel Box Type: Metal with High Quality Powder 9VDC-12VDC
9. Display Type: 1.5” LCD Display.	18. Automatic Battery Charging Facility

Wireless Addressable HP (Device Control Panel with Hooter)	
Input Voltage: 180VAC-240VAC	9. Control panel Capacity: 0-100 Devices.
2. Operating Voltage: 10VDC-12VDC	10. Communication Type: Radio Frequency (RF)
3. Battery Charging Voltage: 12.5VDC-13.98VDC	11. Frequency: 333.9MHz, 433.9MHz, 2.36GHz
4. Battery Type: Dry cell rechargeable Battery	12. Hooter Decibel: 90-130dB Adjustable.
5. Battery Voltage: 10VDC-12.5VDC	13. Material of Hooter (Sounder): Plastic
6. Battery Current: 1.3Amp	14. Operating Voltage of Hooter: 9VDC-12VDC
7. Button Type: Push To Off Button used for Reset Function	15. Control Panel Box Type: Metal with High Quality Powder Coating
8. Input Voltage Protection	16. Automatic Battery Charging Facility.

Wireless Addressable ScH (Smoke cum Heat Detector)	
1. Voltage range-3-9 VDC	10. Communication Type: RF Type
2. Standby current- 05-10 μ A	11. Frequency Used: 333.9MHz, 433.9MHz, 2.36GHz
3. Alarm Current: 05-10mA	12. PCB Type: Multi-layer PCB
4. Sensor: Optical sensor& Thermistor	13. Moisture protection: with high quality, transparent, Elcoat base coating. Ensures protraction for PCBs and components against moisture, dust, oxidation & Water Resist.
5. Modulation Method-FM / AM	14. Type of material: ABS Grade/White color
6. LED Indication	15. Optical Chambers Material: High Quality Plastic Granule's / Black Color
7. Address Type: unique address	16. Battery Type: 9VDC Alkaline Battery
8. Transmission Type: RF	17. Battery Life: 2-3 Years / Consider daily 2-3 Signals.
9. Temperature Of Heat Sensor: 20-120 Degree Adjustable	18. Low Battery Signal

Wireless Addressable MCP (Manual Call Point)	
1. Voltage range-3-10 VDC	8. Communication Type: RF Type
2. standby current- 0-5 μ A	9. Frequency Used: 333.9MHz, 433.9MHz, 2.36GHz
3. Operating Current: 10-20mA	10. Moisture protection: with high quality, transparent, Elcoat base, conformal coating. Ensures protraction for PCBs and components against moisture, dust, oxidation & Water Resist.
4. Button Type: Push To On Type Switch	11. Material Type: ABS Type
5. Modulation: FM modulation	12. Battery Type: 9VDC Alkaline Battery
6. Address Type: unique address	13. Battery Life: 3-4 Years.
7. Transmission Type: RF	

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

2. Material should be ISI Mark & Reputed Mfg.

3. Electrical appliances must be energy efficient.

Yours faithfully,

Sd/

**Executive Engineer,
M.S.E.T.C.Ltd,
EHV O&M Dn, Sangli**