



**Maharashtra State Electricity Transmission Co. Ltd**  
**Government of Maharashtra (Undertaking)**  
**(CIN No.U40109MH2005SGC153646)**  
**Office of Superintending Engineer ,PAC Circle, Pune**  
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MSETCL/SE/PAC/Pune/ T-40/No. **No 44**

Date:  
**17 FEB 2025**

**ENQUIRY**  
**(Through MSETCL webpage)**  
**TO WHOM SO EVER IT MAY CONCERN**

Dear Sir,

The budgetary offers through mail are invited for the material as per Schedule A'. You are requested to quote your lowest rate for Supply, installation and commissioning of Remote SCADA Scheme at various substations under Pune Circle.

**Schedule 'A'**

Remote SCADA Scheme at various SS under Pune Zone					
S. No.	Material Description	Qty	Unit	Rate	Amount
1	SCADA / SAS Software Package includes SAS runtime & editor software, log sheet, event sheet, trend sheet generation software, metering gateway runtime & editor software, OS windows 10 & above, Microsoft excel etc. for one server PC. The software shall support IEC 61850, IEC 104, IEC 101 & MODBUS protocol.	10	Set		
	Number SCADA / SAS Tag licence                      1500 Nos. Tags				
2	FRTU with BI & BO , Gateway / protocol converter / RTU along with runtime & editor software having following drivers 1. IEC 61850 master & slave 2. IEC 101 master & Slave 3. IEC 104 master & slave 4. RS 485 MODBUS master & slave. LAN ports 04 Nos. RS 485 ports 02 nos. RS 232 ports 02 nos. Binary Inputs :- 48 Nos. ( For @ 02 to 03 Bays ) Binary Outputs :- 24 Nos. ( ( For @ 02 to 03 Bays ) 4-20 mA Analog Inputs Card (Min 08 nos. of inputs)	12	No.		
3	Gateway / protocol converter / RTU along with runtime & editor software having following drivers 1. IEC 61850 master & slave 2. IEC 101 master & Slave 3. IEC 104 master & slave 4. RS 485 MODBUS master & slave. LAN ports 04 Nos. RS 485 ports 02 nos. RS 232 ports 02 nos.	12	No.		
4	IED compliant for IEC 61850 protocol having (Optional if FRTU with BI & BO cards used then IED not required) except Bridgestone ss Minimum 48 number of Binary inputs Minimum 24 number of Binary Outputs Communication port for IEC 61850 protocol.	13	No.		

5	Metering gateway for configuration & integration of MFM meters with minimum 04 nos. of RS 485 ports or 04 nos. of MODBUS TCP IP ports & 02 nos. of RJ45 LAN ports. At least communicate 32 MFM meters to single ports. (Optional)	12	No.		
6	1 KVA UPS along with maintenance free battery having backup of minimum 5 hours.	13	No.		
7	16 Port Unmanaged Ethernet switch (2 FO ports + 14 LAN Ports)	13	No.		
8	08 Port Unmanaged Ethernet switch (2 FO ports + 06 LAN Ports)	13	No.		
9	16 Port Unmanaged Ethernet switch (14 FO ports + 02 LAN Ports)	7	No.		
10	06 core LIU	6	Nos.		

**Please note that said budgetary offer is only for estimate purpose & will not be considered for any bidding & No work order will be issued based on this Enquiry.**

1) All interested bidders are requested to submit their best reasonable budgetary offer for above works on **Email ID: se6500@mahatransco.in upto 18:00 Hrs on dtd. 24.02.2025**

Thanking you,

Yours Faithfully,



Girish Malode  
Superintending Engineer (I/C)  
MSETCL, PAC, Pune