

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD (CIN NO- U40109MH2005SGC153646)

From,

Executive Engineer

PAC Division, Kolhapur-416005

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E-mail: - ee3530@mahatransco.in

MSETCL/EE/PAC/Dn./Kop/T/ No: 0292

E- Enquiry (Budgetary offer)

Sub: - Enquiry for submission of <u>budgetary offer</u> for restoration and revamping of Remote Scada of 4 nos Co-generation substations under PAC Division, Kolhapur.

Dear Sir

Budgetary offer are invited by the undersigned for restoration and revamping of Remote Scada of Co-generation substations under PAC Division, Kolhapur as per Schedule 'A' on or before 10 Jan 2022 up to 17:00 Hrs.

Please find below list of co-gen substations:-

- i) 110kV Orient Green Gaganbawda Co-Gen remotely monitored & controlled from Kale Substation.
- ii) 110kV Asurle Porle Co-Gen remotely monitored & controlled from Chambukhadi Substation.
- iii) 110kV Gurudatt Co-Gen Taklewadi remotely monitored & controlled from Kurundwad Substation.
- iv) 220kV Hemrus Sugar Co-Gen remotely monitored & controlled from Halkarni Substation.

The other terms and conditions are as mentioned below:

- 1) Budgetary offer shall be submitted after **detailed survey** at each locations as per Schedule 'A'.
- 2) Quotation should be duly filled in and submitted to this office <u>via post or e-mail</u> ee3530@mahatransco.in
- 3) This enquiry is solely for collection of offer for estimate purpose & not for work allocation.
- 4) Quote rate in prescribed format.

Sd/-Executive Engineer PAC Division Kolhapur.

Date: 06.12.2022

SCHEDULE 'A'

Sr. No.	Particulars	Unit	Qty	Rate per Unit (Excl Taxes)
1	Station Controller (Data Concentrator) cum Gateway with Dual Master feature. An integral part of RTU. Compliance to IEC61850, IEC104, IEC101, IEC103 and Modbus RTU. 2 x RJ45, 2 x RS232 and 2 x RS485 ports. Universal Power supply 24 – 230 V AC / DC. This Controller will integrate with existing I/O modules, Relays (if compliant to IEC61850), MFMs, etc. and transmit data to remote end on IEC101/104.	Nos	4	
2	Engineering & Operator Stations (HMI Server): IEC61850-3 certified, Fanless, Embedded type with Intel Core i7 processor, 8GB DDR3L, 2x2.5" SATA HDD 1TB, Dual Redundant Power Supply as per MSETCL latest specification along with 30" LED Monitor and License Software's.	Nos	2	
3	SCADA Software customized License Copy for SAS Server which takes data from Remote RTU for Soft Alarms, Status Indications and Control Outputs (DI/DO/AI), from Numerical (Distance, Transformer Diff., Busbar and Backup) Protection Relays for fault current analysis & Relay parameterization and from Communicable Multifunction Meters to read Energy Values as per MSETCL specification suitable for 4000 tags.	Nos	4	
4	Installation, Testing & Commissioning	Job	4	

Sd/-Executive Engineer PAC Division Kolhapur.