

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

Date : 06.12.2022

E- Enquiry (Budgetary offer)

Sub : - Enquiry for submission of budgetary offer 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 2023 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 **via post or e-mail** – **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.

SCHEDULE 'A'

Sr. No.	Particulars	Unit	Qty	Rate per Unit (Excl Taxes)
1	<p>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.</p>	Nos	4	
2	<p>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.</p>	Nos	2	
3	<p>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.</p>	Nos	4	
4	Installation, Testing & Commissioning	Job	4	

Sd/-
Executive Engineer
PAC Division Kolhapur.