

PEOPLES STEEL MILLS LIMITED

Manghopir, Karachi.

REQUEST FOR QUOTATION



M/s.

RFQ NO. SSAMC/BU-1/LP-33/PR-1312/1553

ISSUED ON 31-JUL-23

DUE ON 04-AUG-23

Dear Sirs,

We invite you to quote for the following material on F.O.R PSM site basis inclusive of all Government taxes and levies on the terms and conditions attached herewith valid for 45 days. Your offer must reach the office of the undersigned by the date mentioned above.

S. NO.	DESCRIPTION	QUANTITY	RATE
1	Energy and Power Management System (EPMS) is to support the provision and management of safe, reliable and efficient power within our MV sub-station of SSAMC (BU-I).PMS have specialized data acquisitization, Analysis & reporting tools	1 NOS	

NOTE : Details Attached

Offer on F.O.R. Basis Must Be Sent To the Attention of Head (Procurement) On Fax No. (92 21) 36770112, 5206764 or By Courier Service at the Factory Address PABX No (92 21) 36770126-27-28 Procurement Direct No. (92 21) 36770121 or email: ahsan@psmltd.com, nauman@psmltd.com .

PSM will take delivery of order material from supplier premises having value upto Rs 20,000/- through own arrangement.

Yours Sincerely
For PEOPLES STEEL MILLS LIMITED

Deputy General Manager
(PROCUREMENT)

GENERAL CONDITIONS FOR BID

1. The bidder must have sufficient experience and knowledge in execution of subject work
2. The bidder has to submit the latest documentary proof of the companies where they have supplied and commissioned Energy monitoring system (data should be provided for the last five years)
3. Bidder must submit Organizational profile with their offer
4. Bidder may visit PSM for the better understanding of Scope of work
5. PSM reserves the right to assess the facility of the company
6. Bidders are required to quote breakup price of each equipment use in project
7. The company must have excellent technical support and backup service available in Pakistan.
8. The bidder after successful commissioning of Energy Monitoring system shall be responsible for the operation and maintenance for a period of 5 years from the date of operation
9. After completion of project, bidder is responsible to provide the software to PSM used in Energy monitoring system (e.g. PLC, SCADA)
10. Bidder is responsible to provide as built wiring diagram to PSM
11. Bidder shall provide the individual warranty of all equipment's use in Energy Monitoring system
12. Installation, Testing, Commissioning & Programming will responsibility of bidder
13. Bidder will be responsible to arrange all the Tools, equipment's & other accessories used in project.
14. Bidder must be GST & SST registered
15. Bidder must mention completion time period of project in their offer
16. Client may visit to PSM for better understanding for the detail scope of work
17. Bidder must quote price inclusive of all type of Taxes
18. The offer shall remain valid for our acceptance for 45 days from the date of Quotation submission.



TENDER DOCUMENT

**Energy and Power Management System (EPMS)
for Medium Voltage (11KV) Sub-Station of
SSAMC (BU-I)**

AT

**PEOPLES STEEL MILLS LTD
KARACHI**

Technical Detail of Equipment's & Scope of Work

1. List of Equipment's Required for Energy Monitoring System:

Sr. No.	Electrical & Power Hardware Details	Quantity
1	Main Panel Cabinet	As Needed
2	Control Breakers	
3	Ducts, Rail, Gland & other electrical accessories	
4	Wire lugs	
5	Control Wire	
6	Shielded Twisted Cable Coil	
PLC Control Hardware		
1	High Speed PLC CPU	01
2	Communication Module	01
3	HDMI Display Module	01
4	LAN Cables	As Needed
5	Smart Led TV 65" inch (Make: TCL)	01
6	DC Power Supply	As Needed
7	Electro Magnetic Relay 110VDC (Make: Schneider)	As Needed
8	14 Pin Base (Make / Model : Sara)	As Needed

2. Scope of Work:

- Supply of Equipment's for the monitoring of Electrical parameters of our existing switchgears units (Qty.: 10 Nos.). Moreover, all Energy analyzers (Make: Schneider, Model: PM 750, PM5300), Make: SIEMENS Model: SICAM P) will be provided by PSM.
- Monitoring of Transformer faults (Qty.: 07) on HMI.
- Development of Electrical panel cabinet with complete necessary hardware.
- Development of program as per PSM requirement
- Development of Graphical display as per PSM requirement
- Development of Single Line Diagram of our MV Substation in HMI

- Complete Development work of Power panel
- Installation of Hardware as required
- Complete control wiring for whole system
- Complete field wiring
- Complete testing & Checking of system
- Panel as built drawing