

PUNJAB STATE POWER CORPORATION LIMITED
O/O CE/METERING, C-3, SHAKTI VIHAR, PATIALA
Contract No. 0175-2218871, fax No. 0175-2200284

EXPRESSION OF INTEREST FOR AMR IN PSPCL
MQP-52/2012-13/PO

PSPCL intends to implement Automated Meter Reading (AMR) System for approx. 11.7 Lac AP Consumers in the State of Punjab in a phased manner. In the first instance, 10% of the AP consumers will be covered under this programme. The scheme is implemented inline with the provisions of the Electricity Act, 2003.

The AMR System will include supply of complete hardware and software, installation, testing, commissioning, integration and subsequent operation and maintenance of the AMR System on turnkey basis. The firm shall also be responsible for training of the PSPCL personnel. The scope of work shall also include supply, installation, testing, commissioning and subsequent Operation and Maintenance of LT Shunt Capacitors on the motors of the same AP consumers where meters are installed. The shunt capacitors will be installed wherever required..

For implementation of the above project, sealed '**Expression of Interest**' (EOI) are invited in duplicate from the reputed and experienced firms/consortium having proven experience in the said field. The detailed EOI documents containing the scope of work, qualification requirement and forms for submission of EOI can be downloaded from the website of PSPCL i.e. www.pspcl.in. The last date of submission of EOI is 11.30 Hrs on 06.11.2012 and the same shall be opened on the same day at 12.00 Hrs. After opening of EOI, a meeting for interaction on proposals will be held on 20.11.2012 to interact with the bidders. The EOI shall be submitted by the bidder in a sealed envelop super scribed as '**EOI for AMR System.**' alongwith DD of Rs. 2500/- in favour of AO/CPC (M) PSPCL, Patiala as EOI processing fee.

**Dy.Chief Engineer/HCM,
PSPCL, Patiala.**

EXPRESSION OF INTEREST DOCUMENT

1. Scope of Project:

The scope of project includes implementation and Operation and maintenance of complete Automated Meter Reading (AMR) System for remote meter reading, data acquisition and its analysis for appx. 1.17 Lac AP consumers in the State of Punjab. LT Shunt capacitors of appropriate rating will also be installed on the motors of the same AP consumers where meters are installed, if required. The detailed Scope of Work will be as under:

- i) Supply, installation, testing and commissioning of meters along with meter box compatible to AMR System.
- ii) Providing the required AMR system with latest technology for remote meter reading, data acquisition and analysis and generation of bills/reports at a Central Station.
- iii) All required infrastructure facilities, supply of hardware and software and connectivity requirements to complete the project shall constitute part of the Scope of Work alongwith GPRS Modems (preferable inbuilt modem), SIM cards, System Connectivity, software, Billing software and data acquisition and analysis software, associated hardware etc. etc. for remote metering are to be provided by the bidder.
- iv) The integration of billing software with remote meter reading software is under the scope of bidder.
- v) The complete project management facilities after commissioning of the system shall also be provided by the bidder. A full time system administrator/ data administrator at server level should be deployed by the firm.
- vi) Data Acquisition, bill generation (if required) & analysis reports will be carried by the system administrator & will be under the scope of the bidder.
- vii) The bidder must ensure system uptime of 99.5% at consumer level and server level.
- viii) The bidder should provide training to PSPCL personnel to handle the system.
- ix) Supply, Installation, testing, commissioning & O&M of LT shunt capacitors of appropriate rating on the same AP consumer motors where meters will be installed are also included in the scope of the project. The shunt capacitors shall be installed only where-ever required.

2. SELECTION CRITERION:

The selection of technology and revenue model to be adopted shall rely upon the merit of the following features in the proposed system as offered by the bidders:

- i) Data security
- ii) User Friendliness
- iii) Versatility
- iv) Reliability & Accuracy
- v) Cost effectiveness
- vi) Acceptability of meters of different Makes etc. etc.
- vii) Billing and data formats

3. The bidders are required to make a web based demonstration through Power Point Presentation of the proposed system at the time of pre bid meeting.

4. Bidders Qualification Requirements:

- i) The bidder should be experienced in AMR System and/or meter manufacturing. Bidders are required to indicate the period for which the AMR System is provided and is in operation with the clients/utilities.
- ii) The bidder should indicate the name of the power utilities for whom they have developed/provided AMR system of similar technology.
- III) The bidder should be a single company or a consortium of companies and should explain their financial capability indicating the annual turnover for the last three financial years of each company.
- iv) The bidders are required to indicate the Revenue model offered by them.
- v) Considering the ever-changing IT environment across the world, the technology proposed should be time tested & scalable.
- vi) To ensure the multi-vendor capability of the technology, it is mandatory that, it should be capable of reading different makes of energy meters with different protocols.
- vii) Bidder must submit the documentary evidence in support of their claim alongwith details to be given in the enclosed formats.

The selection of bidders qualification requirement, selection of technology and revenue model shall not only be restricted to these criterias but finalization shall be based on overall evaluation of EOIs. The bidders shall be required to furnish the complete company profile to support their claims in the EOI.

The EOI shall be submitted by the bidder in sealed envelope super-scribed as "**EOI FOR AMR**", along with DD of Rs. 2500/- in favour of AO/CPC (M) PSPCL, Patiala as EOI processing fee.

The undersigned reserves the right to close all the EOI offers without assigning any reasons thereof.

The terms and conditions of this notice do not exhaustively reflect all the conditions of contract document which shall be issued to the.

The EOI will be accepted in the format enclosed.

**Dy. Chief Engineer/HCM
PSPCL, Patiala**

EOI FORMAT FOR AMR PROJECT OF PSPCL
TO BE GIVEN ON COMPANY'S LETTER HEAD

GENERAL INFORMATION	
Expression of Interest for	
Submitted To:	Chief Engineer/Metering, C-3, Shakti Vihar, PSPCL, Patiala
Date of Submission	
Reference No.	
DD Amount	
DD Number	

BIDDER'S INFORMATION	
Name of Bidder	
Address of Bidder	
Power of Attorney of Authorized Signatory	

TECHNOLOGY ABSTRACT
Concept Note
Mode of Execution
System Features
Pictorial Representation of Proposed System
Technical Details
Any other Detail to be given by the Bidder to Support his claim

QUALIFICATION PROOF						
A. Details of System Qualification Proofs (Test Reports, Certificate etc.) (If Any)						
Sr. No.	Name of Report/ Certificate	Testing Firm	System/ Technology	Date of Testing	Valid upto	Reports attached (attach as Annexure-2)
1						Y/N
2						Y/N
2						Y/N
B. Name of power utilities where the similar services (as offered) have been installed						
Sr. No.	Name of Power Utility	Work Order No. & Date	Technology Provided	Contract value	Date of Commissioning	Performance Certificate Attached (attach as Annexure-3)
1						Y/N
2						Y/N
3						Y/N
C. Proof to ensure the multi vendor capability of technology						
Sr. No.	Name of Power Utility	Name of Contract	Meters Integrated (Types)	Contract value	Date of Commissioning	Certificate Attached (attach as Annexure-5)
1						
2						
3						
D. Detail of meters manufactured and supplied (with or without inbuilt modem) for automated meter reading system:						
S. N	Name of utility	PO No & date	Quantities	Contract Value	Date of commissioning	Performance certificate
1						
2						
3						
E. Detail of shunt capacitor manufactured/supplied						
S. No.	Name of utility	PO No & date	Quantities	Contract Value	Date of commissioning	Performance certificate

FINANCIAL DETAILS	
Profit & Loss Statement & Balance Sheet of Bidder Attached (For Past 3 Financial Years)	Y/N (Attach as Annexure-6)

Sign:

Name:

Designation:

Name of Firm:

Official Seal: