

**PUNJAB STATE ELECTRICITY BOARD**  
**EXPRESSION OF INTEREST**

**EXPRESSION OF INTEREST FOR AUTOMATIC/REMOTE METERING OF AGRICULTURAL SUPPLY METERS.**

In PSEB, there are about 10 lac AP (Agriculture Power) consumers covering all over the Punjab. Meters are not provided on all the Agricultural Consumers at present. To calculate the energy consumed by AP sector, PSEB has installed meters on selected AP consumers (55000 Nos.) called Sample Meters covering all over Punjab.. These sample meters are installed to assess the per KW consumption per month (called monthly AP Load factor) by Agricultural consumers.

The reading of these sample meters are being recorded by PSEB employees. Based upon the consumption recorded by Sample Meters on sanctioned load in KW, the monthly AP Load factor is being calculated by one centralized office of Dy. Director System Losses Study Cell (SLSC) at Ludhiana.. This AP load factor is being calculated for each Distribution Division from where AP consumption is calculated.

Although PSEB is following fool proof method for calculation of Agricultural consumption through sample meters by engaging third party also, still some human error while recording readings manually can not be ruled out. Keeping this in view and in order to ensure zero error in calculation of consumption in agricultural sector, support of available technology for recording meter reading is the need of the day.

PSEB desires that the latest technology of automatic/ remote metering on AP sample meters may be adopted so that the consumption calculated in AP sector is least dependent on human involvement. Therefore, technical proposals are invited for Automatic/Remote Metering System on all these sample meters for calculation of AP consumption with other related **MIS**. The bidder should be capable of supply, installation and commissioning of the system with centralized information at one place and also training of PSEB personnel so that PSEB ultimately becomes self-reliant for running of the system.

Accordingly technical proposals from bidders having experience in the field are invited by 3rd October 2007 upto 5.00 PM. After detailed scrutiny of the proposals submitted by prospective bidders, pre-bid conference shall be held in the 3rd week of October 2007 to discuss the various proposals and issue of clarifications etc if any. Thereafter PSEB will decide the model to be adopted and freeze/finalize the technical specifications. After that the firms who have submitted bids against **Expression of Interest** shall be asked to submit their price bids. Please note that no price bid is to be submitted along with **Expression of Interest**.

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