



**HEAD OFFICE**  
**MP URJA VIKAS NIGAM LTD.,**  
**URJA BHAVAN, MAIN ROAD # 2, NEAR BUS-STOP # 5, BHOPAL – 462016**  
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**Ref No. MPUVN / RFP – Notice / UICA - SPV- SADP - Hybrid Power / 2009-10 / 1904**  
**Bhopal, Dt.16/09/2009**

**MINUTES OF PRE-BID MEETING**

**RFP REFERENCE NO.1658, DT. 31-08-2009 HELD ON 16-09-2009 AT 12-00 PM IN THE  
CONFERENCE HALL OF MP URJA VIKAS NIGAM LTD., BHOPAL**

- (1) **RFP Notice:** It was mentioned that e-mail Id of M.P. Urja Vikas Nigam should be read as 'cmpuvn@bsnl.in' in place of 'cmprenewable@bsnl.in' wrongly mentioned in text of RFP Notice uploaded on Nigam's Website.
- (2) **Eligibility Criteria and Check List:** Eligibility Criteria was explained in details, and also that Check-list given at page - 5 of RFP document is to be completely filled in by aspiring participants. It was clarified that the mandatory formalities are mentioned with (\*) are to be necessarily complied while submitting the proposals against RFP. All participants are requested to ensure that all requisite information is duly complied and undertaking to this effect is provided on Check-list with signature and company seal affixed.
- (3) It was explained that original participants in this RFP shall be MNRE accredited Mono-crystalline SPV modules of 75 WP or more with National or International Qualification Certification. However, their authorised representatives or state-level dealer in MP may also participate with clear-cut consent on declaration given at page No. 25 of RFP document. It was further clarified that responsibility of supply, installation, commissioning and O&M / Service during 2 years warranty and 3/5 years CMC shall be lying on original participant.
- (4) **Test Report(s) for SPV Module(s) proposed under RFP shall have to be enclosed with Proposal.** However, Test Report(s) for other components and sub-components can be furnished at later stage / before signing of contract agreement / when asked for.
- (5) It was clearly mentioned at various places in the RFP document that aspiring participants should come with systems configuration filled in format given at Page No.18-19 of RFP document. But, it was observed that most of the attendees did not bring the requisite information. It was explained categorically that in case any aspiring participant fails to submit the offer in requisite format / with full details the proposal shall be rejected and EMD shall also be forfeited.
- (6) It was explained that Proposal(s) submitted shall be evaluated on the basis explained at Page No. 9 of RFP with 50 as qualifying marks. Proposals securing less mark shall be rejected and EMD shall be forfeited.
- (7) **Document Fee / EMD shall be acceptable vide crossed bank draft or FDR as per details given on Page No. 10 of RFP document.**
- (8) **Participants were explained about the scope of work and specifications in detail. Some of the specific clarifications are given below:**
  - (8.1) It was informed that the power conditioning unit in SPV only configurations should also contain provision for charging by AC Mains during night only with a settable timer for

2 / 4 / 6 hours charging. In case power supply goes off during battery charging by AC Mains during night, the timer should also stop or resume if vice-versa.

(8.2) System Design Configurations given on page No. 13 and 14 were explained in detail. It was explained that the capacities mentioned thereof are based on theoretical calculations and give minimum requisite capacity of battery bank, inverter, charge controller, SPV array etc. Participants should necessarily fill in their configurations in the format given at page No. 18 and 19 of RFP document failing which the proposal shall be rejected and EMD shall also be forfeited.

(8.3) It was informed that the battery bank capacity has been evaluated on the basis of 50% DOD. It was advised that such provision has been kept deliberately to have consistent output from battery bank for longer battery life. It was explained that a reset switch should be provided on PCU to allow deep discharge of batteries up-to 80% in case of emergency arising at user's end.

(8.4) For the purpose of keeping a reliable track-record of the system's performance, provision of data-logger has also been made. The data to be logged in and features thereto were discussed in detail. Looking at the difference of opinion about the cost of data-logger it is decided that the rates of data-logger should be called as optional and be submitted at point No. 9 on page No. 47 of RFP document. Participants should enclose complete details of the data-logger proposed by them to cover entire range of systems i.e. 50 to 2500 VA. Data-logger is anticipated with built-in memory storage (2 GB or suitably higher) with provision of data extraction on a customized / dedicated external USB storage device specifically programmed to identify system and collect data in the memory slot allocated for particular system. Data logger shall monitor following items (8 against 12 mentioned in RFP documents on hourly basis -

1. Date (DD/MM/YY), Time (Starting from 00.00 hrs)
2. SPV Power Supply Voltage - V DC
3. SPV Power Supply or Charging Current - Amp DC
4. Battery Bank Voltage - V DC
5. AC Mains Voltage or Charging Current - V AC/Amp DC
6. AC Power consumed - Kw.Hr.
7. System Output Voltage or Current - V AC/Amp AC
8. Power Delivered - Kw.Hr.

(8.5) Out-door & In-door enclosures shall comply with IP 65 & IP 55 standards respectively.

(9) It was informed that the MPVAT on Renewable Energy Device or Equipments has been exempted from 1<sup>st</sup> August 2009. Please refer M.P. Gazette (Extra Ordinary) No. 380 Dated 1 August 2009.

(10) It was announced loud & clear that no deviations shall be allowed in terms & conditions of payments under this RFP.

(11) Meeting ended with vote of thanks to participants & representatives.

Signed on behalf of RFP evaluation Committee / Dt.16/09/2009  
(Shrikant Deshmukh)  
Executive Engineer

**List of Participant(s) enclosed:**

S.No.	Name of participants	Name of the Organisation & address
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1.	Shri Priyank Jain	M/s. Narmada Wind Energy, Jabalpur
2.	Shri Vikas Barve	M/s. Sun Technics,
3.	Shri S.B. Pattanayak	M/s. Exide Industries Ltd., Kolkatta.
4.	Shri Vikram Chaturvedi	M/s. Spectrum Power Pack, Bhopal
5.	Shri D.K. Suryavanshi	M/s. Vijay Enterprises, Betul.
6.	Shri Harish Nair	M/s. Surana Ventures Ltd., Secunderabad
7.	Shri Ravi Awasthi	M/s. PLG Power CIMS (P) Ltd., Bhopal.
8.	Shri Aditya Narayan	M/s. Entegra Ltd., Bhopal
9.	Shri Ramesh Singh Rawat	M/s. Mahrishi Solar Technology (P) Ltd., New Delhi.
10.	Shri Vineet Sharma	M/s. Linkage Technologies, Bhopal.
11.	Shri Rajeev Sethi	M/s. Nikita Electronics, Indore.
12.	Shri M. Bhavsar	M/s. Hingloj Energy Systems (P) Ltd., Bhopal
13.	Shri Sunil Verma	M/s. Rashmi Industries, Bangalore.
14.	Shri Munish K Yadav	M/s. Anu Solar Power Pvt. Ltd., Bhopal.
15.	Shri P.N. Pathak	M/s. REIL, Jaipur