



**MP URJA VIKAS NIGAM LTD.,**  
**URJA BHAVAN, MAIN ROAD # 2, NEAR BUS-STOP # 5, BHOPAL – 462016**  
**PHONE # 0755-2553595, 2556566, FAX # 0755 – 2553122, E-Mail: se.mpuvn1982@gmail.com**  
**Website: www.mprenewable.nic.in**

MPUVN/RFP-Notice/SPVPP/ 1KWp-500KWp /Pre-Bid Meeting/2016-17/1556 BHOPAL, Dated 13-07-2016

**Sub:-MINUTES OF PRE-BID MEETING HELD ON 05-07-2016 AT 11:00 AM IN THE CONFERENCE HALL OF MP URJA VIKAS NIGAM LTD. BHOPAL.**

**Ref: - RFP No: MPUVN/SPVPP-NM/1-500 KWp/2016-17/ 1300 Dated: 25-06-2016**

**In furtherance to the issuance of the RFP mentioned above, the pre-bid meeting as scheduled took place in presence of the aspiring participants. The minutes of the meeting are as hereunder:-**

**1. Revised key dates for submission of proposal as indicated in RFP :-**

Several participants, who have either applied for empanelment as channel partners or recently been empanelled, with MNRE, placed requests for extension in due date for enabling them to meet the requisite eligibility criteria. It was assured that the due consideration shall be given in extending the due dates.

In view of this, the following amendments are made in the key dates of the schedule dates of the RFP indicated on page-5, in “Bid Information Sheet”.

**Revised Key Dates :-**

Sr.No	MPUVN Stage	Date	Time
1	Purchase of RFP Start	27-06-2016	3.00 PM
2	On line Purchase of RFP End Date	30-07-2016	5.00 PM
3	On line Bid Submission End Date	31-07-2016	8.30 PM
4	Mandatory Submission (in Original) Hard Copy	01-08-2016	1.30 PM
5	Technical Bid & EMD (Envelope A&B) online Open Date	01-08-2016	3.00 PM
6	Financial Bid (Envelope C) Open Date	08-08-2016	3.00 PM

**2. Revised Eligibility Criteria (Financial):-**

Apropos the RFP document, the participants were placing requests about relaxation in the financial eligibility criteria. Clause 3.6, page -14, of the RFP elaborates details of the same.

The participants submitted that, being system integrators, it would be difficult to meet with the net worth criteria. However, they might be eligible for participation, if turnover is also allowed to be one of the criteria for financial eligibility, as this would encourage the participation.

It is therefore clarified that:-

1. For meeting the financial eligibility towards net worth, consortium is also allowed. However, only one partner of consortium, having adequate technical eligibility as per RFP, shall be assessed against technical eligibility criteria of RFP and the same shall be responsible to undertake and execute project.
2. The criteria of financial eligibility of individual entities can be met either through turnover or net-worth. The minimum required turnover for meeting the financial eligibility should be referred from the revised RFP document. This option would not be available for a consortium.

The details regarding all the above points can be referred from the revised RFP document.

**Cont. ----- 2**

3. **Exemption form EMD for MSME / SSI Units & PSU :-**

It was also requested that MSME / SSI Units & PSU should be exempted from submission of EMD. The request was considered it was further clarified that any such consideration will not be possible and the criteria cannot be reconsidered on the requested grounds.

4. **Revised Eligibility Criteria (Technical):-**

Apropos the RFP document, the request for reconsideration in technical eligibility criteria was made by channel partners and new entrepreneurs registered with MNRE. In order to encourage participation of the new and small entities, the technical eligibility criteria is revised and the details of the same shall be as per the revised RFP.

5. **Revision in System Performance Parameters :-**

Apropos the RFP document, the participants placed requests for revision in system performance parameters indicated in clause 3.25 of page -26.

In the RFP, it is indicated that CUF of 17% is required to be maintained constantly throughout the CMC period. It was placed by the participants that the performance criteria of CUF shall be relaxed and be kept in line with the conditions of latest SECI tender, i.e., 15%. After due consideration, the CUF requirements for On Grid systems is revised to the tune of 16%.

It is hereby informed that for assessment of CUF of systems of 5 KW & above, performance of the systems shall be monitored remotely via SCADA. For assessments of CUF of the systems which fall below the capacity of 5 Kw, the CUF shall be computed on the basis of data retrieved from the data logger of power conditioning unit / inverter.

The participants were also informed about establishment of a centralized monitoring center at head quarters of MPUVNL. It was made clear to the participants that their SCADA should allow access on the desired node of interaction as elaborated in the revised RFP. The system performance data of all the systems installed under this RFP should be accessible and available as mandated in the revised RFP.

The CUF for both Off grid and grid connected systems shall be calculated, allowing derating of output of SPV modules of not more than 1% per year, implying short fall in CUF of not be more than 0.16% per year. This is in accordance with the criteria of degradation of SPV modules, specified in current MNRE guidelines.

The major concern brought forth was in regard of off grid systems. Some of the representatives shared the view that the computation of CUF (as defined in the RFP) of the off grid system may lead to penalty without any fault of the contractor, under certain operating conditions, beyond the control of the contractor. In view of this, the desired CUF may not be achieved. This may lead to unjust penalty on the contractor. For off grid systems, it shall be essential to demonstrate the desired performance with respect of CUF at the time of commissioning. Year wise analysis of data in respect of CUF, which may reveal the kind of conditions in which off grid systems are put to operations, shall be required to be submitted during CMC period. The computation of CUF shall be decided on this basis.

**Cont. ----- 3**

//3//

The details regarding the same can be referred from the revised RFP document.

6. **Period of Operation & Maintenance** :-

The participants placed their requests about reconsideration in the period of operation and maintenance. In RFP, it is mentioned that the bidder will be responsible for maintenance of the awarded capacity for a period of 7 years.

The participants expressed that it will lead to unnecessary addition in the cost, which would reflect in their financial bids. Particularly, systems with battery backup may require a replacement of battery bank if the CMC period is kept for 7 years.

It was expressed that the CMC period be kept in line with MNRE guidelines and also similar to the conditions of SECI tender, i.e., 5 years.

Thus, it was felt that a difference of 2 years in the period of CMC may reflect in the financial bid in terms of probable replacement of battery bank.

It is decided that CMC period for all categories be revised and fixed for a period of 5 years.

The details regarding the same can be referred from the revised RFP document.

7. **Tools & Tackles and Spares** :-

RFP mandates the supply of certain spares along with tools and tackles on site as indicated in clause no. 27, page - 58. The participants submitted that, as they are already bound by the operational performance guarantee, the issue of providing tools, tackles & spares at site should be left to the discretion of the bidder as to whether the spares are stored at site or at their nearest service center.

It was further clarified by the participants that the electronics components mentioned as spares in the RFP have a very small shelf life and will require to be changed at periodic intervals, thus it will lead to unnecessary addition in the cost, which may reflect in their financial bids.

It was clarified to the participants that idea behind this was to ensure a response time of 24 hours and maximum expected turnaround time of 72 hours (under special circumstances, additional time limit may be considered).

It is hereby clarified that the requirement of maintaining tools, tackles and spares at site or at service center is left to the discretion of the participant with a condition that the same would be made available immediately as and when required.

The details regarding the same can be referred from the revised RFP document.

8. **Revision in Value of Operation Performance Bank Guarantee** :-

Apropos the RFP document, the participants were placing requests about the revision in value of Operation performance Bank Guarantee (35% of the value of work order) as per Clause 3.15.4, page -22, of the RFP.

The participants in particular mentioned and requested that OPBG of 35 % of project value is far too high and not as per the market standard and should be revised. They further elaborated that OPBG of 35 % may result in escalated financial bid as they may account for the additional cost.

It is hereby clarified that the requirement of submission of OPBG be revised to 20% of the order value instead of 35%.

The details regarding the same can be referred from the revised RFP document.

Cont. ----- 4

Page 3 of 5

//4//

**9. Clarification Regarding Construction Performance Bank Guarantee (C-PBG) :-**

The participants expressed their concern about provision of Construction Performance Bank Guarantee (C-PBG) in the RFP document. It was expressed that this might cause a reflection in financial offer.

It is clarified that the provision of C-PBG is incorporated to ensure timely execution of the project. As far as amount of C-PBG is concerned, the same is kept considerably low in comparison with volume of work expected to be assigned in respective categories at any point of time. Therefore, this should definitely not reflect in the financial bid, as the C-PBG's would keep on being consumed, upon timely completion of assigned works, for reutilization against subsequent forthcoming assignments.

**10. Clarification Regarding Residual warranties of the equipments:-**

The participants were having queries about the residual warranties of the equipments. After expiry of 5 years O&M period in RFP, it is clearly elaborated that the bidder shall make provisions to transfer the residual warranty of the equipments to the beneficiary. The participants had queries about the ways of transferring the same.

It was clarified that the clause cannot be reconsidered and the bidder shall have to make provisions of the same, the methodology to deliver have been left to the discretion of the bidder.

The details regarding the same can be referred from the revised RFP document.

**11. Technical Standards of Power Conditioning Unit For Systems With Battery Backup :-**

The minimum technical standards for Power Conditioning Unit For Systems With Battery Backup shall be in accordance with the standards specified by Ministry of New and Renewable Energy vide their circular no. 30/11/2012-13/NSM dated 26-05-2014 & 26-06-2014 and amendments thereof. In addition to this, the power conditioning units must comply with specifications mentioned in the revised RFP document.

The details regarding the same can be referred from the revised RFP document.

**12. Technical Standards of SPV Modules :-**

The SPV modules used in the projects under this RFP shall be as per the technical standards prescribed by MNRE. The modules should be mandatorily manufactured indigenously.

The details regarding the same can be referred from the revised RFP document.

**13. Post Installation Additional Work Beyond Scope of Work and CMC :-**

In response to the queries, participants were informed that there might be situations, where the system in full or part is required to be relocated, or any other additional work which might be required to be done for safety and effective utilization of the system, all such works, although, not covered in the scope of work, but shall have to be done by the contractor. For this the contractor would be required to submit a detailed estimate with breakup of price to MPUVNL.

MPUVNL, after examination of the estimate, would send it to the concerned beneficiary for approval and deposit. After the approval of beneficiary, the work would be required to be carried out by the contractor.

**14. It is compulsory for all aspiring participants to take a note of the minutes of Pre-Bid meeting as per the details given above. These minutes shall form part of RFP document. It is, therefore, essential for the participants to submit a duly signed and stamped copy of this document along with the signed and stamped copy of revised RFP document.**

It is advised that the bid submissions be made only in accordance with the revised RFP document.

**Cont. ----- 5**

//5//

**15. List of Participant who attended the pre-bid meeting :-**

<b>S.No.</b>	<b>Name of Participant</b>	<b>Company Name</b>
1.	Mr. Raneet Kumar Jha	M/s Hindustan Systems, Bhopal (MP)
2.	Mr. Atul Gupta	M/s Consul Neo watt Power Solutions Pvt. Ltd.Chennai
3.	Mr. Vijay Gopalan	M/s Green Ripples Pvt. Ltd. Gurgaon
4	Mr. Rajinder Singh	M/s Surya Kiran Solar Power System Integrator, Bhopal
5	Mr. Apu Sarmoh	M/s ARGOS International Marketing Pvt. Ltd., Mumbai
6	Mr. Sumit Moondra	M/s Rensyn Green Energy Pvt. Ltd. Udaipur (RAJ)
7	Mr. Sunil Kumar Parey	M/s Sunrita Solar Energy Pvt. Ltd., Bhopal (MP)
8	Mr. Vaibhav Akhani	M/s Shambhavi Renewable Energy Palanpur Gujrat
9	Mr. Rajeev Rai	M/s Jain Irrigation Systems Ltd., Jalgaon, Maharashtra
10	Mr. Vasuki H.R.	M/s H.H.V Solar Technologies Ltd.
11	Mr. Rishu Sehgal	M/s Net Worth Project Pvt. Ltd.
12	Mr. Abhinav Tripathi	BHEL, Industries Sector, Integrated Office Complex, Lodhi Road New Delhi
13	Mr. Himanshu Pathak	M/s VYOMRAJ Renewables, Bhopal (MP)
14	Mr. Abhishekh Kumar	M/s Power One Micro Systems Pvt. Ltd. Bengalore
15	Mr. Kevin Vacchani	M/s JJ PV Solar Pvt. Ltd. Rajkot Gujrat
16	Mr. Aryan Gupta	M/s Dynamic Electromech Power Pvt. Ltd. Bhopal (MP)
17	Mr. Prakash Paliwal	M/s Genus Power Infrastructure Limited Jaipur (RAJ)
18	Mr. M.K. Prashant	M/s Perfect Power Systems, Bhopal (MP)
19	Mr.Piyush Mishra	M/s Uniline Energy Systems Pvt. Ltd. Bhopal (MP)
20	Mr. Asad Mahboob	M/s Namtel Technologies Pvt. Ltd. Bhopal (MP)
21	Dr. Lakhan Singh	M/s KPL Solar Systems Pvt. Ltd.
22	Mr. Devendra Bhadauria	M/s Chloride Power Systems & Solutions Ltd. Bhopal (MP)
23	Mr. Sanjeev Sharma	M/s Tata Power Solar Bhopal (MP)
24	Mr. Bhuwan Singh Panwar	M/s Goldi Green Technologies Pvt. Ltd. Surat Gujrat
25	Mr. Avinash Nema	M/s Concept Power Tech Pvt. Ltd., Pune
26	Mr. Rajeev Tiwari	M/s Waaree Energies Ltd. Mumbai
27	Mr. Donald Titus	M/s GM AR Infra power Bhoap (MP)
28	Mr. Tilak Poladiya	M/s Maa Balamukhi Energy Pvt. Ltd. Bhopal (MP)
29	Mr. Mahesh Hedaoo	M/s Lakshya Enterprises, Bhoapl (MP)
30	Mr. Pawan Kumar	M/s Panchavakra Power Ltd. Gurgaon
31	Mr. D.K. Togadiya	M/s Rajasthan Electronics & Instruments Ltd. Jaipur (RAJ)
32	Mr. Ankit Singh	M/s MI Solar EPC-Turnkey Solar Solutions Bhopal (MP)
33	Mr. Amit Pandey	M/s EJM Power Developments Pvt. Ltd. Bhopal (MP)34
34	Mr. Ribhu Sehgal	M/s Network Project Private Ltd. Gurgaon
35	Mr. Rajendra Soni	M/s Ravin Infraproject Pvt. Ltd. Ravin Cabes Ltd. Mumbai
36	Mr. O.S. Dewedi	M/s EVDAT Software Technology Ltd.
37	Mr. Shivraj S. Dabi	M/s Sproites Env. S.L. Pvt. Ltd. Bhopal

16. These Minutes of meeting are hereby issued on behalf of competent authority.

-sd-

**(Shrikant Deshmukh)**  
**(Superintending Engineer)**  
**For and on behalf of MPUVNL**