



**Central Electronics Limited
Materials Management Division**

19th February, 2018

CORRIGENDUM-II

Ref: **Tender Notice No. C-2(b)/RFS/704/225/2018 dated 06.02.2018**

Sub: IMPLEMENTATION OF 5 MWp GRID CONNECTED ROOFTOP SOLAR PV SYSTEM AT VARIOUS PREMISES OF POWER GRID ACROSS INDIA UNDER CAPEX MODEL.

In our tender notice/document no. **C-2(b)/RFS/704/225/18 dated 06th February, 2018, the following is amended:**

1.	Document Download/Sale End Date	: 26.02.2018 (15:00 Hrs)
	Last Date and Time for Submission of Bids	: 26.02.2018 (15:00 Hrs)
	Date and Time of Opening of Bids	: 26.02.2018 (15:30 Hrs)
2.	Revised reply to Pre-Bid queries is attached.	

All other terms and conditions will remain the same.

For CENTRAL ELECTRONICS LIMITED

sd/-

ASSISTANT GENERAL MANAGER
MATERIALS MANAGEMENT DIVISION

CENTRAL ELECTRONICS LTD

(A Government of India Enterprise)
4, Industrial Area, Sahibabad-201010 Tel: 0120-2895145



REVISED CLARIFICATIONS IN REFERENCE OF THE PRE-BID MEETING HELD ON 12-02-2018

FOR

**“IMPLEMENTATION OF 5 MWp GRID CONNECTED ROOFTOP SOLAR PV
SYSTEM AT VARIOUS PREMISES OF POWERGRID ACROSS INDIA UNDER
CAPEX MODEL”**

RfS No :C-2(b)/RFS/704/225/18 Dated:06.02.2018

**IMPLEMENTATION OF 5 MW_p GRID CONNECTED ROOFTOP SOLAR PV
SYSTEM AT VARIOUS PREMISES OF POWERGRID ACROSS INDIA UNDER
CAPEX MODEL**

RfS No :C-2(b)/RFS/704/225/18 Dated:06.02.2018

PRE-BID QUERIES

Sr. No.	Name of Bidder	Bidder's Query	Reply of CEL
1	Gensol	We wish to understand whether EMD and other fees exempted for MSME registered companies like us, since the tender does not clearly mention it?	As per RFS number C-2(b)/RFS/704/225/18.
2	TATA Power Solar	Building Height and Cable length up till evacuation	The information sought is included in the Feasibility Report soft copy of which may be obtained from CEL at the discretion of bidder.
3	TATA Power Solar	The sites proposed for rooftop solar installations are spread out across different zones all over India. Request you to provide zone wise site survey contact personnel and their respective numbers.	The list is available with CEL and can be collected from the same.

4	Simcon Solar	<p>Clause No. 3.2.3 (a) - FINANCIAL ELIGIBILITY CRITERIA: The Minimum Average Annual Turnover (MAAT) of the bidder in the last three financial years (i.e. FY 2014-2015, 2015-2016 and 2016-2017) should be INR 10 Crores per MWp (Indian Rupees Ten Crores per MW) on standalone basis. AND Net worth should be positive for last three financial years. "Net Worth" of the Bidder shall be calculated as per Company Act 2013. With respect to above mentioned Clause for Financial Eligibility Criteria, we would like to state that we at SIMCON POWER & INFRASTRUCTURE PVT. LTD., BHOPAL were registered on FEB 2016, so we are not able to provide the Turnover & Net Worth for FY 2014-15 & FY 2015-16. However, in FY 2016-17, our organisation has executed EPC Work for 15 MW Solar Projects with Turnover of INR 41 Crores(Approx.), also for FY 17-18, we are executing 4 MW Solar EPC Work with an expected turnover of INR 20 Crores.</p>	As per RFS no. - C-2(b)/RFS/704/225/18
5	Hero Future Energy	Who will make payment - CEL/PGCIL	CEL will be implementing agency & payment shall be released by CEL on behalf of PGCIL. However, invoice will be in the name of "POWERGRID"
6	Hero Future Energy	Can we do part bidding or bid for full capacity	Bidder has to bid for full quantity of a zone.
7	Hero Future Energy	Do we need to do feasibility again as CEL has already provided feasibility reports? Does "scope of	The feasibility reports provided by CEL are tentative in nature and the bidder is advised to conduct feasibility study for their

		work" include manufacturing and storage?	own compliance. Scope of work also includes storage.
8	Hero Future Energy	In case of any delay due to net metering, extension of completion period will be considered? Will CEL/PGCIL provide assistance in getting approval for net metering?	6 months period will be allotted for completion of project. For details, refer Corrigendum 1.
9	Hero Future Energy	Where will metering system be installed and what will be delivery point?	LT panel of concerned PGCIL building for metering of Solar PV generation and Net-metering as per prevailing practice of DISCOM/state utility
10	Hero Future Energy	Do PGCIL/CEL provide water and electricity during construction and O&M?	PGCIL provides free water availability. In case of electricity bidder has to get a metered connection from PGCIL and make payment on the basis of consumption.
11	Hero Future Energy	Can we use aluminium cable for AC side?	Only Copper cables are to be used.
12	Hero Future Energy	Cable route will be through ground or cable tray?	Cable routing will be through cable tray.
13	Hero Future Energy	Rooftop will be GI sheet/RCC/Asbestos? How old the roofs are?	Feasibility reports are available with CEL. Bidder can refer to them for their own discretion. Information sought is available in feasibility report.
14	Hero Future Energy	Internet connectivity will be in scope of PGCIL/CEL or Bidder?	It will be scope of bidder.
15	Hero Future Energy	Do bidder have to consider backfeed protection in their scope?	Yes. Backfeed protection is in bidder's scope.
16	Hero Future Energy	Do we have to provide reverse protection relay?	Yes, Reverse protection relay is mandatory.
17	Hero Future Energy	Is overloading allowed in the system?	No the DC:AC ratio is 1:1
18	Hero Future Energy	As per technical specifications DCDB is required. The inverters considered by us has in-built DCDB.Is separate DCDB still required?	The requirement of DCDB is for various protection device and for combining of string on the basis of design. If Inverter have inbuilt protection and suitable input for no. of string. In that case separate DCDB is not required.
19	Hero Future Energy	Technical specifications: Any preferred make is to be considered?	As per RFS no. - C-2(b)/RFS/704/225/18

20	Hero Future Energy	Change in law: Kindly consider any deviation in tax/duty will be considered under "change in law"	As per RFS no. - C-2(b)/RFS/704/225/18
21	Hero Future Energy	Can we do metering above 100 kW or feeding will be in building LT panel?	Feeding will be in LT panel and Net-metering will be done as per DISCOM/state utility prevailing practice.
22	Shimato Enterprises Pvt. Ltd.	We are NSIC -MSME registered company, so is there any exemption from BID BOND(EMD) for our company	No exemption as per RFS no. - C-2(b)/RFS/704/225/18
23	Rays Experts	Tender Fees Exempted or not	Not exempted
24	Rays Experts	Submission Mode is Only hardcopy or any online submission	Only hardcopy
25	Kirloskar	Can we submit our representations for a particular zone for capacity lower than the mentioned capacity of the zone so as to qualify on the financial criteria	Bidder has to bid for full quantity of a zone.
26	Kirloskar	Lowest capacity as mentioned in the RFQ document is for Zone 4 (i.e. 700 kW). Based on average turnover can we submit our bid for the total quantity of Zone 4	As per RFS no. - C-2(b)/RFS/704/225/18
27	Sunshine tech	The recommended solar capacity has been mentioned location wise. It may please be clarified whether the recommended solar capacity is on single or multiple roofs.	The information sought can be obtained from feasibility reports available with CEL.
28	Sunshine tech	There are solar capacities in odd number at individual locations where nos. of inverter will be required to arrive at the given solar capacity. In some cases, the combination of small inverters is not cost effective. It is proposed that variation in solar capacity	As per RFS no. - C-2(b)/RFS/704/225/18

		may please be allowed to +- 5% while keeping the zone wise capacity unchanged.	
29	Vikram Solar	Kindly confirm from ACDB to LT DB & for HT connection, Aluminium Cables can be used. If yes, please give the specification	As per RFS no. - C-2(b)/RFS/704/225/18
30	Vikram Solar	Considering the scattered locations of the sites and too short time line for completion, request to extend the last date of submission for at least 7 days from the present due date	Extended the bid submission date upto 26.02.2018. Kindly check the corrigendum.
31	Vikram Solar	Kindly confirm if the quoted price should be inclusive of the incentive or incentive should be added on the quoted price for evaluation of L1. Kindly also note that if the incentive amount is inclusive of GST	As per RFS no. - C-2(b)/RFS/704/225/18
32	Vikram Solar	Kindly confirm if Net Metering policies of respective states to be followed for implementation of net metering in that particular state. Also confirm if any particular state is having no Net Metering Policy at present what will be the scope of bidder for that particular state for installing Net meters	As per state policy
33	Vikram Solar	Kindly confirm if any staircase/ladder is required to reach the roof of any particular building, the same will be done by Client as free of cost before issuing the LOA	If ladder/staircase is available with POWERGRID same may be used by contractor. In case of non-availability same shall be arranged by contractor without any cost implications to PGCIL
34	Vikram Solar	Kindly confirm if separate orders will be placed for Supply & Service, will there be provision for	Refer corrigendum 1.

		separate GST on Supply & Service or the entire work will come under 'Works Contract'	
35	Vikram Solar	Please confirm if Construction/Cleaning water & Power will be provided by Client as free of cost	Refer clarification no. 10
36	Vikram Solar	Request you to please share the Site Survey & Feasibility Report	Bidder can collect from CEL.
37	Vikram Solar	Request you to consider 6 months for the completion including net metering.	Refer Corrigendum 1.
38	Fourth Partner Energy	Kindly extend time limit of execution of project to 4 months	Refer Corrigendum 1
39	Fourth Partner Energy	Kindly extend the tender for 7 days	Refer clarification no. 30
40	Fourth Partner Energy	Please allow MSME/NSIC registered company for EMD/bid bond exemption	Refer clarification no. 1
41	Fourth Partner Energy	Time period may be extended to 4 months	Refer Corrigendum 1
42	Fourth Partner Energy	Please include RBL Bank in the list	As per RFS no. - C-2(b)/RFS/704/225/18
43	Fourth Partner Energy	Please suggest whether project is sanctioned by MNRE and what Is the process of getting incentive	As per RFS no. - C-2(b)/RFS/704/225/18
44	Fourth Partner Energy	The capacity to be transferred to other location must have same/similar capacity	As per RFS no. - C-2(b)/RFS/704/225/18
45	Fourth Partner Energy	Since the inverter and solar power plant capacity may not be 1:1 in any given location the cumulative capacity of PV module and inverter should be same, i.e. PV module:inverter ratio should be 1:1	As per RFS no. - C-2(b)/RFS/704/225/18
46	Fourth Partner Energy	Aluminium cable may be allowed for AC side	Refer clarification no. 29 & 11