

Response to Pre-Bid Queries
Ministry of New and Renewable Energy (MNRE), Government of India: 10.0 MWp Phase-II Rooftop Solar Allocation
Request For Selection Of Empanelment For Design,Supply, Installation, Testing & Commissioning andnd Integrated Comprehensive Maintenance For 5 Years Of Grid
Connected Rooftop Solar Photovoltaic (PV) Power Plant for Residential Sector under Phase-II Rooftop Solar Scheme in the State of Meghalaya

S.No.	Clause No./Page No.	Clause/Title	Query/Proposal	Responses
1	e-Procurement Notice/Page No. 4	Cost of Bid Document (Non-Refundable)	Cost of bid document is INR 15,000/- for MSME. Is this for any MSME from all over the Country (India) or for Meghalaya state registered MSME only and whether GST is included or Seprately Bidders have to pay?	MSME Registered anywhere in India will be considered for all the benefits, INR 15000/- will be Tender Document Cost for MSMEs including GST.
2	List of Important Dates and Details of Bid Document	Earnest Money Deposit	Earnest Money Deposit (EMD) is Nil for SSI/MSME, whether MSMEs of Meghalaya or any MSME category will consider for exemption of EMD or Not?	EMD will be waived off for SSIs/MSMEs registered anywhere in India.
3	General	General	Will we take project cost from customer or MEPDCL	As per Prevailing Terms and Conditions of Tender Document.
4	General	Performance Bank Gurantee	Clarification on Performance Bank Gurantee?	As per Sub Clause-g.) Notification of Award and Signing of Agreement, Serial Number (vii) at Page No. 32, MePDCL will retain an amount @ of 10% of Project Cost as Security Deposit and same will be release @2% each year subject to successful completion of O&M Services as quoted in Tender Document.
5	Page No. 65	Remote Monitoring	All the relevant parameters of PCU should be available for remote monitoring over the internet using GPRS based monitoring solution. PCU shall have GPRS inability based on SIM card which shall be provided by the bidder. The monthly charge of SIM card will be borne by bidder.	SIM Charges will be adjusted in Monthly billing to customer
6	Annexure-16/Page No. 109	Procedure for Performace Testing	Whether Procedure for Performance Testing is mandatory for each site? vendors need to install weather stations at each and every site?	As per Prevailing Terms and Conditions of Tender Document.

7	Annexure-15/Page No.98	Operation and Maintenance Guidliness for Grid-connected Power Plants	<p>How a Vendor can ensure these of the following points?</p> <p>Never use panels for any unintended use, e. g. drying clothes, chips etc.</p> <p>Check if there are any shade problems due to vegetation or new building. If there are, make arrangements for removing the vegetation or moving the panels to a shade-free place.</p> <p>Ensure that monkeys or other animals do not damage the panels.</p>	Bidders are advised to educated Consumer/Beneficiaries on basic Operation and Maintenance Guidliness for Grid-connected Power Plants. However, Bidders are responsible for entire Plant Operation and Maintenance till 5 Years.
8	Page No.100	Inspection and Maintenance Schedule	PV Module: Cleaning >Cleaning any Bid Droopings/ Dark Spot on Modules on Immediately by User/Technician	Bidders are advised to stricly maintain the Operation and Maintenance Tasks as per prevailing Terms and Conditions of Tender Document.
9	Clause: Part-II - Financial Eligibility Conditions/ Page No.16	Annual Turn Over Requirement / Net Worth Requirement	Bidders are requesting to Consider the Annual Turnover and Net Work till FY 2018-19, Since FY 2019-20 detailes are not furnished yet?	As per Prevailing Terms and Conditions of Tender Document.
10	General	Bid Security	Ministry of Finance vide Office Memorandum dated 13th Nov 2020 has decided to reduce Performance Security from "5-10%" to "3%" of all the value of Contract for all existing contracts. However, this benefit will not be given to any disputed contract. This will be applicable for all kind of procurements viz Contract, Goods, Services, Consultancy, Non-consulting Services etc.	As per Prevailing Terms and Conditions of Tender Document.
11	General	Tender Capacity	At various places including BoQ, it is mentioned that the system size will be from 1 to 100 kWp and again at the various palace it mentioned system size will be from 1 to 500 kwp so Kindly clarify.	Financial Bid is invited only for the Range of 1-100 kWp Rooftop Solar Installation, while Phase-II Rooftop Solar Scheme has provision of Power Plant installation in the Range of 1-500 kWp.
12	General	General	Kindly clarify whether rooftop is RCC or Industrial Shade type or Tin shade type if RCC then also confirm whether grouting on the roof is allowed or not.	It will be Mix of all types.
13	Page No. 54	Module Mounting Structure	Kindly clarify whether the use of the Pre-galvanized low ballast type structure is allowed or not for better stability and area utilization.	As per the Terma and Conditions Prevailing in Tender Documents

14	General	General	Kindly clarify whether within AJB string level monitoring along with manual disconnection facility is mandatorily needed or not as nowadays most of the inverters come with string level monitoring along with DC disconnect switch so it is unnecessarily over budgeting the project.	Facility should be provided to the Power Plant, if it is under the inverter feature, will be considered.
15	General	General	Kind confirm whether external AJB mandatorily required or nor as nowadays inverter comes with inbuilt AJB facility.	No External AJB is mandatory, Inverter inbuilt AJB facility will be sufficient to meet the purpose.
16	Section-5: General terms and Conditions/Page No. 38	Clause No, 2	Kindly share if possible the Geo coordinates and roof layout of each building for better understanding of the site.	As per the Scope of Work, Identification of prospective Beneficiaries are under the scope of Bidders, They will be only responsible for identifying the beneficiaries and Geo-coordinates.
17	General	General	Kindly clarify whether the bidder has to store spares for each power plants separately or in a central location also share the minimum quantity of spares like modules, Junction box, mccb, spd etc	As per the Prevailing Terms and Conditions of Tender Document.
18	General	General	Kindly clarify for AC side use of Aluminium conductor power cables allowed or not?	As per the Prevailing Terms and Conditions of Tender Document.
19	Page No. 104	General	Kindly clarify whether IEC 62759-1 is mandatory for panels or not as most of the manufacturers does not have the same if mandatory then, please share us the manufacturer's name.	As per the Prevailing Terms and Conditions of Tender Document.
20	Page No. 105	General	Kindly clarify whether IEC 60255-27 and IEC 60068-2 (27 & 64) and BS EN 50530 is mandatory for string inverters or not as most of the manufacturers does not have the same for each size if mandatory then, please share us the manufacturer's name.	As per the Prevailing Terms and Conditions of Tender Document.
21	Page No. 62	General	Kindly clarify whether ambient or back panel temperature sensor mandatorily required for plant size 40 kWp and more.	As per the Prevailing Terms and Conditions of Tender Document.
22	Page No. 60	Data Acquisition System	Kindly clarify whether RMS system will be needed for each size power plant or there is any minimum capacity.	As per Prevailing Terms and Conditions of Tender Document.

23	Page No. 64	Technical Specification	Kindly clarify, which type of monitoring is required for the plant's, Is it String Level, MPPT level or Aray Level ?. For String level monitoring bidder have to install string monitoring box separately it will be urnecessarily over budget the project, especially for Small size power plants	As per the Prevailing Terms and Conditions of Tender Document.
24	Page No. 39	Clause No. 2.6	<p>2.6. The Empanelled Partner shall complete the work of Design, supply, testing, commissioning, and CMC for 5 Years for Grid connected Power Plant within 180 Days from the date of issuance of Letter of Allocation (LoA). In event of failure to install and commission the RTS system within the mentioned date, the EMD/security deposit cum performance guarantee up to 100% shall be forfeited on pro-rata basis and will lead to disqualification of the Developer or as decided by MePDCL.</p> <p>Since the tender scope of work is also to do the marketing and identify the customer and this work practically takes time to convert & it may take more time to get the potential consumer on boarded, therefore we believe that this forfeited clauses should get amend. Also we believe that this clauses is applicable in such cases where beneficiary already got identified and ready to install.</p>	As per the Prevailing Terms and Conditions of Tender Document.
25	Page No. 33-34	Clause No. iv	<p>The project cost will be released to the EMPANELLED PARTNER subject to further release of the same from MNRE, Gol for the Sanctioned Capacity.</p> <p>We request the tender committee to release the consumer portion payment to the developer as soon as material get deliver (i.e 80 %) & installation get done respectively(10%). It will be very helpful to MSME bidders to operate the business during this pandemic situation</p>	As per the Prevailing Terms and Conditions of Tender Document.

26	Page No. 15	Clause No. iv	<p>The bidder should have designed, supplied, installed & commissioned at grid connected Solar PV Power Projects having cumulative aggregate capacity not less than 100 kWp which should have been commissioned prior to Techno-Commercial Bid opening date.</p> <p>Bidders are requesting to consider the experience of allied sector i.e. Ground Mounted Grid Tied Solar PV, Net Metered Irrigation Pumps experience under consideration to meet the technical qualification.</p>	As per the Prevailing Terms and Conditions of Tender Document.
27	Page No 34	Clause No. 23, Sub-Clause No.(k)	Who will be responsible for providing Project Cost, whether it will be MePDCL or Beneficiary?	As per the Prevailing Terms and Conditions of Tender Document.
28	Page No 34	Clause No. 23, Sub-Clause No.(k)	Who will collect 60/80% (as applicable) from the beneficiary	As per the Prevailing Terms and Conditions of Tender Document.
29	Page No 34	Clause No. 23, Sub-Clause No.(k)	<p>Please clarify the subsidy disbursement. Will the beneficiary or the empanelled partner will get it? Also Explain, how we are going to claim the subsidy amount? Do we have to claim through them?</p>	<p>Subsidy will be disbursed to the empanelled partner as per terms & conditions prevailing in the Bid Document. Empanelled partner will claim the subsidy amount through MePDCL</p>
30	Page No 66	Cables and Accessories	Kindly share the tentative AC cable length which needs to consider for each type of power plant	As per scope of work mentioned in the Bid document
31	General	General	Kindly clarify for which plants Transformers may be required also share the respective sizes?	As per scope of work mentioned in the Bid document
32	General	General	Kindly clarify the charges including installation of the transformers are in bidders scope or end user's scope	As per scope of work mentioned in the Bid document
33	General	General	Kindly clarify most of the Solar Inverter manufacturers don't provide any spare of IGBT/MOSFET for each inverter, is it mandatory or not. If the bidder considers all of those items that will unnecessary over budgeting the project.	As per the terms and conditions prevailing in the Bid Document
34	Page No. 58	Technical Parameter for Grid-Tied String Inverter	Kindly clarify whether maintaining CUF 13.5 per cent till 5 years, mandatorily required or not and Annual Degradation as per MNRE Guideline will be considered or not? Also Grid Outages, Force Majeure shall be applicable or not while evaluating CUF of the plant?	As per the Prevailing Terms and Conditions of Tender Document.

35	Page No. 65	Remote Monitoring	Kindly clarify whether the internet charges along with Sim card charges for monitoring of the inverters should be borne by the bidder or end-user.	As per the Prevailing Terms and Conditions of Tender Document.
36	Genral	General	As in the tender specification is mentioned of both specification for both string inverter as well as PCU, as PCU needed for battery back up system, kindly clarify?	Project will be implemented strictly as per the MNRE Phase-II Scheme for Grid-connected Rooftop Solar Power Plants, bidders shall be required to make all necessary arrangements as pe the scope of work.
37	Genral	General	Kindly clarify, whether PV-DG synchronization system is required or not, If yes, what should be the minimum plant capacity?	As per MNRE PHASE-II guidelines
38		NET Meter	We request Tender committee to please let us know what is the feed- in tariff Discom Provides in net meter scheme in Meghalaya	As per Meghalaya State Electricity Regulatory Commission (MSERC)'s Net Metering Regulation 2015, Excess injected Units will be balanced at the end of each FY, there is no feed-in tariff for Solar Power Plants.
39	Page No. 32	Clause No. vii	The Security deposit @ of 10% of Project Cost will be retained by MePDCL and shall be released at the rate of 2% after every successive year for five years from the date of commissioning and on satisfactory performance of the installed plants. Please clarify this cost will be deducted from which amount, is this from performance bank guarantee or from payments of each individual project.	10% of Project Cost will be reserved against the Performance Security of Power Plant and it will be retained by the MePDCL during final disbursement of amount to Bidders.
40	List of Important Dates and Details of Bid Document	Earnest Money Deposi	We would like to know for MSME EMD is Nil and Tender Fee is 15000.00 as per tender, here we enclose our MSME Certificate please Confirm we are allowed for EMD Exemption	As per the Prevailing Terms and Conditions of Tender Document.
41	General	General	As per tender Pre-Qualification is grid connected Solar PV Power Projects Bidders are allowed, we request you please allow Bidders with Solar Panel Installed capacity We have Installed Solar Street Light (378 set x 280 WP : 105.84 KWP). Or please allow Bidder may Participate with Manufacturer authorization and Manufacturer credential	As per the Prevailing Terms and Conditions of Tender Document.