

GOVERNMENT OF MIZORAM
OFFICE OF THE ENGINEER-IN-CHIEF: POWER & ELECTRICITY DEPARTMENT
MIZORAM : AIZAWL

No.T-15016/1/2020-EC(P)/W/53

:

Dated, Aizawl the 19th May-2020

MINUTES OF THE MEETING

Pre-Bid Workshop for -

Design, Manufacturing, Testing, Supply and Installation of 500 kW Rooftop Solar Power Projects including Five Years Comprehensive Operation & Maintenance Contract (CMC) in different locations in Residential Sectors in the State of Mizoram

Date: May 15, 2020

Time: 11:30 AM – 12:30 PM

Venue: Digital Video Conferencing

List of Participants:

1. Mr. Lalduhzuala Sailo, Engineer-in-Chief, Power & Electricity department, Government of Mizoram.
2. Mr. Thanglawra, Superintending Engineer, Power & Electricity department, Government of Mizoram.
3. Mr.Laldawngliana, Executive Engineer, Power & Electricity department, Government of Mizoram.
4. Mr. Isaac Z. Zote, AE, Power & Electricity department, Government of Mizoram.
5. Mr.Lalhriatpuia, AE, Power & Electricity department, Government of Mizoram.
6. Mr. Yuvaraj Dinesh Babu Nithyanandam, Team Leader, The World Bank-SBI-MNRE (SUPRABHA) TA Programme.
7. Mr. K.P. Baijiu, Deputy General Manager, State Bank of India.
8. Mr. Bibek Bandyopadhyay, Senior Advisor, The World Bank-SBI-MNRE (SUPRABHA) TA Programme.
9. Mr. Shreyas Gaur, Senior Consultant, The World Bank-SBI-MNRE (SUPRABHA) TA Programme.
10. Mr. Arvind Kumar, State Coordinator, The World Bank-SBI-MNRE (SUPRABHA) TA Programme.
11. Mr. Sidhant Sharma, Analyst, The World Bank-SBI-MNRE (SUPRABHA) TA Programme.

The Pre-bid Meeting for empanelment of Bidders for execution of 500 kWp Grid-connected Solar Rooftop Capacity in residential Sector in the State of Mizoram has been called on May 15, 2020 at 11: 30 Hrs, It was chaired by the Mr. Lalduhzuala Sailo, Engineer-

in-Chief, Power & Electricity Department, Government of Mizoram and inaugurated with welcome speech.

Mr. Bibek Bandyopadhyay, Senior Advisor briefed about the scope of work under SUPRABHA Technical Assistance Programme and achievements. Mr. Baiju, DGM (SBI) indicated about the available concession loans for Rooftop Solar Sector. Later, detailed Tender presentation was made and at the end Mr. Thanglawra taken the key summing up points and vote of thanks. Bidders spoke about their queries during online interaction session.

The detailed queries and clarifications raised during the Pre-bid Meeting is attached herewith in **Annexure**.



(THANGLAWRA)

Superintending Engineer (Works-I)
Office of the Engineer-in-Chief
Power & Electricity Department
Government of Mizoram

Mizoram_500 kWp CAPEX RTS Tender for Residential Sector_Pre-bid Queries_May 15, 2020 at 1130 Hrs

Sl. No.	Name and Organization	Clause No./ Sub-Clause	Section No.	Queries	Clarifications
1	Mr. Amitabh Kunal, Boond Solar (Email: kunal@boond.net)	General Query		Is there be Phase 2 of this program also, as this is only 500kWp? and for a single bidder it is max. of 100KW	P&E Dept. Is targetting 1 MWp RTS for implementation in the FY 2020-21. Since in the current tender- bidders can submit upto 100 kWp (Max) against the Tender capacity as quoted under Section-3 of Page-13.
2	Mr. Sunil Bagri, (Proprietor) Swastik Enterprises	General Query		Extension in Bid submission deadline due to being in containment zone and are unable to attend office and submit the bid within the prescribed time.	It may depend on the number of responses and internal decision of P&E Dept. If Extension in Bid Submission is granted, Bidders may seek information regarding extension from the designated Tender Portal and P&E Department Website.
		Clause No. D	NIB No.1 of 2020-2021	Swastik Enterprises had already participated in the same tender and submitted their bids for consideration. Requested to be considered as valid for this tender just in case we are not able to submit our bid due to reasons stated earlier.	Every bidder has to submit fresh bid against current 500 kWp RTS tender, No previous submitted bids will be eligible for consideration. If Extension in Bid Submission is granted, Bidders may seek information regarding extension from the designated Tender Portal and P&E Department Website.
3	Lokita Gharat (eng06@solarinetia.com)	General Query		Is there any compulsion for cell manufacturer. Like the cell and module manufacturer must be domestic?	Guidelines on Domestic Content Requirement are to be strictly adhered to. In case of any deviation applicable penalties/sanctions will be levied on the bidder. Bidders are advised to study the MNRE DCR guidelines in detail.
4	Mr. K. Ramu Krishnan, Pioneer wincon (ramu@pioneerwincon.com)	Clause No. 1: Financial Eligibility at Page-15	Section-3, NIB No.1 of 2020-2021	In Financial Eligibility either Turnover or Networth any one is sufficient to claim.	Either Annual Turnover or Networth amount will be eligible to meet the financial eligibility criteria under Tender document.

5	Mr. Uttam Mukherjee Sunshine power Products (Email:INFO@SU NSHINESOLAR.C O.IN)	Clause-7 Page No.7	Section-1:List of Important dates and details of bid, NIB No.1 of 2020-2021	EMD Exemption should be for all MSMEs unit. As per GOI notification, MSMEs are exempted to pay EMD.	As per Tender Document
6	Mr. Parash, Senior Manager- BD, Freyr Energy (Email: parash@freyrenergvy.com)	Clause-7 Page No.7	Section-1:List of Important dates and details of bid, NIB No.1 of 2020-2021	Can EMD be exempted for MSME firms outside of Mizoram or atleast reduced?	As per Tender Document
		Clause Part-III Page No. 16	Section-3:NIB No.1 of 2020-2021	How much capacity will be allocated to each of outside firms if there are more than 8 qualified firms within L1+5% band.	Capacity allocation may strictly follow the procedure laid down under Part-III: Empanelment Procedure after Financial Bid Opening at Page No.16.
		General Query		Can there be extension in bid deadline as couriers are getting delayed due to lockdown?	It may depend on the number of responses and internal decision of P&E Deptt. If Extension in Bid Submission is granted, Bidders may seek information regarding extension from the designated Tender Portal and P&E Department Website.
		Clause No. 27:Security Deposit by Way of DD or PBG, (i) Page No. 30	NIB No.1 of 2020-2021	Can the PBG be reduced from 10% to 5% as done usually in otehr state empanelments?	As per Tender Document
Mr. Aseen		Clause No. 7, Page No. 40	Section-6: Technical Specification, NIB No.1 of 2020-2021	Tender category starts from 50 KWp, however, MNRE Phase II subsidy is there only upto 10 KWp capacity in residential.	50 KWp is cumulative capacity, which may consist of different size of RTS power plants as per existing guidelines of Phase-II.
		Clause No. 7, Page No. 40	Section-6: Technical Specification, NIB No.1 of 2020-2021	Could you also clarify on timeline to get Subsidy amount from P&E, Dept?	Subsidy amount from P&E Deptt will be disbursed to the eligible bidders depending upon the satisfactory installations and disbursement of CFA from MNRE for the same.

7 Pattanayak, Suredison Infrastructure Ltd, (Email: aseem.p@suredisoninfra.com)	Clause No. 7, Page No. 40	Section-6: Technical Specification, NIB No.1 of 2020-2021	Cumulative capacity is only applicable for GHS/RWA apartment complexes, for residential it's limited upto 10 KWp..little confused here, whether beneficiaries will be there from residential and apartment complex both segments?	Beneficiary can be anyone quoted under Clause No.7 of Page No.40
	Clause No. 4 (iv) Page No. 16	Section-3: NIB No.1 of 2020-2021	Is transfer of ownership possible between entities belong to same group of companies?	Question is not clear. We have to ask the bidder ownership of what is to be transferred?
	General Technical Query on PV Modules		Is there any restriction on DCR?	MNRE DCR will be applicable
	General Query		Is there any generation penalty, how the LD cause works on that front?	P&E Deptt may decide the penalty and administrative actions in consultation with Regulatory Commission in line with Clause 28 of Page No-31.
	Clause no. 1.3 at Page No. 19	NIB No.1 of 2020-2021	Will Power & Electricity Department provide complete list of interested customers?	Finding the potential beneficiary is under the purview of Bidder's scope of work. Bidders have to take the lead role in finding the consumers for further installations. P&E Deptt will render necessary support as laid down in the Preamble, Page No-12.
8 Mr. Arvind Sermwal, Adani (Email: Arvind.Datt@adani.com)	General Technical Query on PV Modules		Penalties to added for misuse of DCR provisions for compliance with use of DCR Cells & Modules as per MNRE notification 283/5/2018 : Dated 20th Feb, 2018	Penalties for misuse of DCR provisions will be as per MNRE notification 283/5/2018 : Dated 20th Feb, 2018.
	Clause No. 17: Force Majeure Conditions at Page No. 43	Section-6: Technical Specification, NIB No.1 of 2020-2021	Lockdown due to global Pandemic Covid-19 should be included in Force Majeure Clause	nCOVID-19 can be considered under the Force Majeure clause, vide MNRE OM No.283/18/2020-GRID SOLAR : Dt.20.3.2020
	Clause No. 3.1.3 Page No.47	Section-6: Technical Specification, NIB No.1 of 2020-2021	Solar crystalline module should be minimum 340Wp module instead of 300Wp.	As per Tender Document
	General Query		Is rate offered is of Phase-1 and subsidy pattern of phase-2.	The rate offered in subsidy pattern will be as per RTS Phase-II

9	Mr. Anish Kumar Shukla, Firstgreen (Email: anish@firstgreen.co)	General Query		Due to lockdown, courier service are not working properly. Please give 14 days time extension to submit hard copy of tender.	It may depend on the number of responses and internal decision of P&E Deptt. If Extension in Bid Submission is granted, Bidders may seek information regarding extension from the designated Tender Portal and P&E Department Website.
		Remote Monitoring: Page No.57 SIM card	Section-6: Technical Specification, NIB No.1 of 2020-2021	Is remote monitoring system compulsory for all system or is it above 10 kW?	As per Tender Document
		Clause No. 3.4 (f) Page No. 50	Section-6: Technical Specification, NIB No.1 of 2020-2021	Is Net metering grid synchronisation allowed for Solar Hybrid system .i.e; with DG or Battery backup with proper isolation.	As per Tender Document
				Include a clause for not quoting price below 10%of benchmark cost. In order to maintain quality of work and working environment.	Bidders are advised not to quote below 10% of existing benchmark cost to maintain the quality of work and working environment.
	Junction Box & DCDB: Clause No.3.3 & 3.5	Section-6: Technical Specification, NIB No.1 of 2020-2021	The functionality of JB and DCDB for grid connected PV systems are almost same. Moreover the On Grid inverter comes with all protection and controlling arrangement which is also a part of JB & DCDB. Hence for small PV systems separate Array Junction Box & DCDB shall escalate the price of system. Hence we request to remove the Junction Box & DCDB requirement for the small solar PV system 1kW-10kW capacity or discard either AJB or DCDB to workout the competitive price for this residential sector.	As per Tender Document	

<p>10</p> <p>Sudhanwa Sahoo Sr. Manager, Agni Power & Electronics Pvt Ltd (Email: s.sahoo@agnipow er.com)</p>	<p>Cables: Clause No 3.7 (h) Page No. 58.; AC Cable:</p>	<p>Section-6: Technical Specification, NIB No. 1 of 2020- 2021</p>	<p>Request to consider Aluminium cable for AC cabling from ACDB to LT panel. Further also as we are not aware about the exact AC cable quantity/length, hence the expenses in this head shall be varied case to case basis. So additional ac cable cost beyond 20m should be payable extra by beneficiary as per site requirement at the time of installation.</p>	<p>As per Tender Document</p>
	<p>Remote Monitoring: Page No. 57 SIM card</p>	<p>Section-6: Technical Specification, NIB No. 1 of 2020- 2021</p>	<p>For RMS purpose Kindly consider SIM ownership cost in customer's scope due to ld related issues.</p>	<p>As per Tender Document</p>
	<p>Cables: Clause No 3.4 (f) Page No. 50.; DG synchronisati on:</p>	<p>Section-6: Technical Specification, NIB No. 1 of 2020- 2021</p>	<p>The Inverter for the solar PV system has inbuilt DG synchronisation feature. On low load required, DG back feed protection system shall be provided to the beneficiary on additional cost basis.</p>	<p>It may be settled between beneficiary and developer on case-wise basis. This is beyond the purview of P&E Deptt.</p>
	<p>Clause No. 10.7 Page No. 24</p>	<p>NIB No. 1 of 2020- 2021</p>	<p>Considering the total cost of the solar PV system along with other associated services like marketing for order procurement, transportation, tax, NET metering & maintenance services for 5 years, the maximum allowable project cost i.e Rs 59Wp for systems in 1-10KWP capacity range is at very lower side of estimate at this moment (Post COVID-19). Hence we request to allow us to quote without such ceiling for financial feasibility of the project.</p>	<p>As per Tender Document</p>

		Clause No. 6 & 7, Page No. 7	Section-1, NIB No.1 of 2020-2021	Considering recent COVID 19 outbreak and resulting shutdown, being a MSME we are facing severe working capital shortage. In this connection we like to inform you that we are a NSIC bidder with our manufacturing unit at Kolkata, West Bengal and we have our registered branch office at Aizawl, Mizoram with valid local GST registration. Hence we request to kindly allow us exemption of applicable EMD and Document fee against our NSIC certification.	As per Tender Document
		Clause-7 Page No.7	Section-1: List of Important dates and details of bid, NIB No.1 of 2020-2021	Any exemption for submission of EMD if vendor submits NSIC/MSME/MNRE Certificates.	As per Tender Document.
11	Lokita Gharat Solarinertia Power Private Limited, Email: eng06@solarinertia.com	Clause No. 3.4 (f) Page No. 50	Section-6: Technical Specification, NIB No.1 of 2020-2021	PCU are limited to synchronize with the grid, synchronization with DG set void the manufacturer standard warranty.	As per Tender Document