

Reference:

1) Tender Document For SUPPLY OF SOLAR PV MODULES FOR 500 MW (AC) (625 MWp) SOLAR PV PROJECT AT GREAT RANN OF KUTCH, NR. VILL. KHAVDA IN GUJARAT, INDIA (Tender Enquiry Doc. No. GIPCL /Solar/PV Modules /2024-25 Dated 21.08.2024)

2) Pre-bid queries received during Pre-Bid Meeting on 05.09.2024 and also through various email(s).

Sr. No	Vol. No. & Section No.	Clause No.	Page No.	Tender Term	Bidder's Queries	GIPCL reply / clarification to Pre Bid Queries
1	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	2.1 (I)	SHEET 2 of 16	Module pig tail cables shall be UV resistant solar DC copper cable of lengths of 300 to 500 mm with maximum tolerance of +50 mm as per the project design requirement and of size 4 mm ² with DC connectors adaptive to MC4 type connector directly. The junction box shall be split type with suitable cable connection between two PV Modules in a daisy chain arrangement. MC4 type connector should be TUV/ any accredited certified.	Kindly confirm whether MC4 Connector or MC4 Compatible connector is required	Bidder shall refer Amendment -1. No change in Tender conditions except Amendment-1. Bidder shall comply with tender conditions.
2	SECTION – 4 GENERAL CONDITIONS OF CONTRACT (GCC)	1.10.2	SHEET 10 OF 44	The Contractor consents to the creation by the Owner of a security assignment of the Contract in favour of any Financing Parties (or a trustee acting on behalf of one or more Financing Parties) and hereby undertakes to execute upon the request of the Owner such Documents including those giving effect to this consent of Contractors as may be reasonably required to give effect to any such assignment provided that the Contractor is not subject to any duty, liability or responsibility greater than that under the Contract.	In order to participate, Bidder request confirmation from the owner for the assignment of this contract (In case of award) in favour of Lender.	No change in Tender conditions. Bidder shall comply with tender conditions.
3	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	2.1 (I)	SHEET 2 of 16	Module pig tail cables shall be UV resistant solar DC copper cable of lengths of 300 to 500 mm with maximum tolerance of +50 mm as per the project design requirement and of size 4 mm ² with DC connectors adaptive to MC4 type connector directly. The junction box shall be split type with suitable cable connection between two PV Modules in a daisy chain arrangement. MC4 type connector should be TUV/ any accredited certified. The positive (+) terminal has a male connector while the negative (-) terminal has a female connector. However, any different design and length of the pig tail cable offered (without any extra cost) shall be reviewed during detail engineering.	Kindly confirm the exact cable length requirement for Module JB?	The clause is self explanatory. No change in Tender conditions. Bidder shall comply with tender conditions.
4	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	5.1- A Sr. No. 1	SHEET 7 of 16	Table 1: Technical Details of Solar PV Modules 1. Application - Utility scale ground mounted project	Kindly confirm whether modules shall be installed on Tracker? What is the design load and test load applicable for solar modules?	Bidder shall refer Amendment -1. No change in Tender conditions except Amendment-1. Bidder shall comply with tender conditions.
5	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	6.0	SHEET 16 of 16	DATA TO BE FURNISHED ALONG WITH THE BID: c) PAN file for module (certified by a third party) d) IEC test certificates f) BoM elaborating on the properties, such as, thickness, material composition etc. of the major components of the module which shall be the same as per the type tested and approved constructional data form (CDF).	Since the delivery schedule is Mar to Oct'25, kindly permit bidder to submit these documents after award of contract prior to initiation of module dispatch.	No change in Tender conditions. Bidder shall comply with tender conditions.
6	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	2.1 (b)	SHEET 2 of 16	Solar PV module: ALMM category (minimum 540 Wp and maximum 570 Wp nominal rating within the dimensions specified elsewhere in this tender) for 1500 V system voltage under the following capacity:	Considering TOPCON Module Avg. Wp is 575Wp to 590Wp, request to permit bidder to supply TOPCON module with 575Wp to 590Wp. Accordingly request Owner to add this in the bid deloading value.	No change in Tender conditions. Bidder shall comply with tender conditions.
7	SECTION – 1 NOTICE INVITING TENDER	TABLE B: IMPORTANT AMOUNTS Sr. No. iii	SHEET 4 OF 10	Security Deposit cum Performance Bank Guarantee (PBG): The Contractor shall furnish Security Deposit (SD) cum Performance Bank Guarantee (PBG) equivalent to 10% (ten percent) of the Total Contract Price within 01 month after issuance of LoI.	Request to reduce the PBG from 10% to 3% of the total contract price.	No change in Tender conditions. Bidder shall comply with tender conditions.
8	SECTION – 5 SPECIAL CONDITIONS OF CONTRACT (SCC)	2.0. Liquidated Damages	SHEET 1 OF 3	(a) Delay – Supplies If the Contractor fails to achieve the complete supply of the awarded capacity of Solar PV Modules as per the time schedule specified in the tender, Contractor shall pay to the Owner as Liquidated Damages an amount of Rs 14,850/- per MWp (plus applicable GST) for each day of delay for the unsupplied portion of the modules, subject to a maximum of 5% of the total Contract Price.	Request to LD to be capped at maximum 5% of the undelivered portion of the supply contract (which excludes transportation cost).	No change in Tender conditions. Bidder shall comply with tender conditions.
9	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	5.3 (c)	SHEET 10 of 16	c) Construction including commissioning testing - Owner will have a QA/ QC organization to audit the bidder's QC effort. The assigned Owner's personnel will provide assurance to Owner's management that the work meets specifications, however, the basic inspection and quality control responsibility is vested with bidder.	Kindly confirm whether the expense to appoint QA/QC/TPI agency shall be borne by Bidder?	Bidder shall refer clause no. 5.0 of section 4 and clause no. 10.0 of Section -2 No change in Tender conditions. Bidder shall comply with tender conditions.
10	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	5.4	SHEET 11 of 16	MATERIALS INSPECTION PLAN – MANUFACTURING STAGE AND / OR PRE-DISPATCH INSPECTION	Kindly confirm whether the expense to appoint TPI agency shall be borne by Bidder?	Bidder shall refer clause no. 5.0 of section 4 and clause no. 10.0 of Section -2 No change in Tender conditions. Bidder shall comply with tender conditions.
11	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	5.5 (ix)	SHEET 13 of 16	GIPCL Logo on the top corner of each Module (Design shall be provided to successful Bidder during detail engineering).	Kindly confirm whether GIPCL logo needs to be integrated within the Back Label or can be affixed separately from the back label? Also, GIPCL logo shall be affixed outside the laminate?	No change in Tender conditions. Bidder shall comply with tender conditions.

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12	SECTION – 1 NOTICE INVITING TENDER	5.0	SHEET 8 OF 10	5.0. Splitting of Quantity: The minimum bidding quantity will be 50 MWp.	Kindly confirm whether the bidding capacity must be a multiple of 50 MW, or if we can quote our preferred capacity for this tender.	Bidder shall quote the qty. as per section-1, sheet 8 of 10, clause no.5.0 para 1- The clause is reproduced as: "Bidder based on their manufacturing capacity, their commitment for supply of solar PV modules shall indicate the quantity that can be offered by them for this tender considering the supply schedule given in Clause 2.0 Table A." The minimum bidding quantity will be 50 MWp. No change in Tender conditions. Bidder shall comply with tender conditions.
13	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	5	SHEET 15 of 16	5.8. RFID REQUIREMENTS One number RFID reader must be supplied for each 50 MWp by the bidders which are to be compatible to read the data from the RFID tag and download the data to computer. All associated software and cables are to be provided along with the RFID reader.	Please clarify how the quantity of RFID readers will be calculated if we do not supply a capacity that is a multiple of 50 MW	The clause is self explanatory. No change in Tender conditions. Bidder shall comply with tender conditions.
14	SECTION – 1 NOTICE INVITING TENDER	2.0 TABLE A: IMPORTANT DATES	SHEET 3 OF 10	x. Schedule date for delivery of the percentage of Order MWp	Please confirm the delivery timeline for a single bidder with their quoted capacity. As the minimum capacity for a single bidder is 50 MW, please confirm whether they will also be allotted an 8-month timeline or if they must supply within a different timeframe.	Bidder shall comply with tender conditions, as per section-1-NIT, sheet 3 of 10 clause no.2 (x) and deliver the quantity as per the schedule given in the table based on the capacity quoted which shall be apportioned accordingly.
15	SECTION – 1 NOTICE INVITING TENDER	2.0 TABLE B: IMPORTANT AMOUNTS Sr. No. ii	SHEET 3 OF 10	Earnest Money Deposit (EMD) in the form of Bank Guarantee/DD or Online payment as per Procedure given in Appendix-19: EMD @ Rs 1.0 Lakh/MWp for the quantity quoted in the Bid. (With a validity as per Clause No. xi of Table A (Important Dates) above.	Kindly Omit the EMD clause and if so, kindly consider providing a declaration or acknowledgment for the same. We've participated in tenders for several companies like SJVN, NLC, and NTPC, all of whom have replaced the EMD clause with a Bid Security declaration.	No change in Tender conditions. Bidder shall comply with tender conditions.
16	SECTION – 1 NOTICE INVITING TENDER	TABLE B: IMPORTANT AMOUNTS Sr. No. iii	SHEET 4 OF 10	Security Deposit cum Performance Bank Guarantee (PBG): The Contractor shall furnish Security Deposit (SD) cum Performance Bank Guarantee (PBG) equivalent to 10% (ten percent) of the Total Contract Price within 01 month after issuance of Lol.	Kindly consider Contract Performance Guarantee (CPG) for an amount equivalent to 3% of total value of Contract Price instead of 10% of total contract price . We've participated in tenders for several companies like SJVN, NLC, and NTPC, all of whom have considered the same.	No change in Tender conditions. Bidder shall comply with tender conditions.
17	SECTION – 2 INSTRUCTIONS TO BIDDERS	9.1- ii) (B)	SHEET 5 OF 7	B. Insurance: The PV module power output warranty as per the technical specification shall be insured and backed up through an insurance policy of 6% of the total order value of the supplies by a reputed insurance company which will cover against the PV module power output warranty in case of insolvency or bankruptcy of the PV module manufacturer.	Kindly consider insurance with a coverage of minimum 6% of total material value(excluding GST) instead of total order value.	No change in Tender conditions. Bidder shall comply with tender conditions.
18	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	5.1 C	SHEET 8 of 16	10. Packing (as per current binned)	We kindly request that you consider wattage binning instead of the current binning method. If adherence to the "Current Binning" specifications is mandatory, could you please specify the binning range for packing.	No change in Tender conditions. Bidder shall comply with tender conditions.
19	SECTION – 5 SPECIAL CONDITIONS OF CONTRACT (SCC)	3.0	SHEET 2 OF 3	Terms of Payment for Supply:	1. We request you to consider irrevocable LC payment terms with a 60-days usance period from the invoice date for 70% of the payment. The LC open charges and the usance interest will be borne by the supplier. 2. Kindly specify the timeline for the final 15% payment after receiving all materials and the required documents.	1. Bidder shall refer Amendment -1. 2. Bidder shall refer clause no. 10.5 of section-4 sheet 26 of 44. No change in Tender conditions except Amendment-1. Bidder shall comply with tender conditions.
20	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	2.1 (f)	SHEET 3 of 16	The PV module shall be made of high-quality solar cells, laminated in ultraviolet stabilized polymer material like EVA, polyester and thermally toughened low iron tempered / heat strengthened glass and back sheet (Transparent) / glass material shall be high quality according to relevant international standards and IEC 61730.	Kindly replace the EVA with EPE, as this tender is for Bi-Facial modules only	Bidder shall refer Amendment -1. No change in Tender conditions except Amendment-1. Bidder shall comply with tender conditions.
21	SECTION – 1 NOTICE INVITING TENDER	3.2.1	SHEET 4 OF 10	3.2. Technical 3.2.1 The Bidder or its Holding Company/Subsidiary Company should be a Solar PV module manufacturer with 540Wp or above rated PV module (Bi-facial) listed in the latest "ALMM" order issued by MNRE prior to the last date of bid submission.	We (Bidder) are an ALMM-listed Solar PV module manufacturer. Our bi-facial modules are already incorporated in ALMM List-1, and our TopCon modules are currently listed in the provisional ALMM list. We assure you that by the time of issuing the Letter of Award (LOA), we will provide the updated ALMM list-1 with TopCon modules incorporated. We kindly request you to consider manufacturers with provisionally ALMM-listed modules, allowing us to proceed with Topcon modules and submit the most competitive bid.	No change in Tender conditions. Bidder shall comply with tender conditions.
22	SECTION – 6 LIST OF APPENDICES	APPENDIX-20: BID EVALUATION CRITERIA	SHEET 38 OF 60	B. EVALUATION CRITERIA:	We would like to kindly request that you consider allowing a minimum of 10 bidders, or more, to proceed to the reverse auction stage. By doing so, you will encourage increased competition, which can result in more competitive and favorable pricing. It has been observed that many bidders submit conservative prices during the initial bid phase. Allowing more bidders into the reverse auction will provide an opportunity to drive down the price further, ensuring the best value for your procurement. We trust this approach will benefit the process and help achieve the most cost-effective outcome.	No change in Tender conditions. Bidder shall comply with tender conditions.

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23	SECTION – 4 GENERAL CONDITIONS OF CONTRACT (GCC) SECTION – 6 LIST OF APPENDICES	6.1.1 APPENDIX-22: INSURANCE REQUIREMENTS	SHEET 21 OF 44 SHEET 46 OF 60	6.1.1 The Contractor shall also arrange for Insurance coverage against transit and all risks (including terrorists act, war and mine, SRCC) in the name of Owner in respect of 120% (one hundred and twenty percent) of the value of supplies from Ex-works until delivery and receipt to Site. Contractor shall also refer to Section -6 Appendix-22 for compliance to Insurance Requirement to be taken for this Contract. (a) Transit Insurance Policy: 120% of the Ex-Work Price of all the Plant and Equipment including mandatory spares to be supplied from within India plus GST, if additionally payable.	Upon reviewing your tender document, we noticed a discrepancy between two sections regarding the required insurance coverage: SECTION 4, SHEET 21 OF 44, Clause 6.1.1 mentions that coverage against transit and all risks (including terrorism, war, mine, SRCC) should be in the name of the Owner for 120% of the value of supplies. APPENDIX-22: INSURANCE REQUIREMENTS states that coverage against transit is in respect of 120% of the Ex-Works price. We kindly request your confirmation on which of the above is correct. Additionally, we propose that the coverage be based on 120% of the value of supplies (full invoice value), as per the standard insurance practice. Since the delivery terms in your tender are "FOR" (Free on Road) basis, including freight and transportation, the invoice will reflect these charges, and it would be appropriate for the insurance to be calculated on the full invoice value, inclusive of transportation costs. We appreciate your kind clarification on this matter.	Bidder shall refer Amendment -1. No change in Tender conditions except Amendment-1. Bidder shall comply with tender conditions.
24	SECTION – 1 NOTICE INVITING TENDER	TABLE B: IMPORTANT AMOUNTS Sr. No. iii	SHEET 4 OF 10	Security Deposit cum Performance Bank Guarantee (PBG): The Contractor shall furnish Security Deposit (SD) cum Performance Bank Guarantee (PBG) equivalent to 10% (ten percent) of the Total Contract Price within 01 month after issuance of LoI.	We request GIPCL to reduce the Security Deposit cum Performance Bank Guarantee (SD cum PBG) amount to 3% of the Total Contract Value.	No change in Tender conditions. Bidder shall comply with tender conditions.
25	SECTION – 1 NOTICE INVITING TENDER	2.0 TABLE B: IMPORTANT AMOUNTS Sr. No. iv	SHEET 4 OF 10	Insurance or Performance Bank Guarantee (PBG) Against PV Module Warranty: In case the bidder is not able to provide Insurance coverage for Solar PV Modules towards performance guarantee, then bidder shall submit a performance Bank guarantee of Rs. 25 Lakhs (rupees twenty-five lakhs) per MWp of Solar PV Module quantity ordered valid for 25 years on completion of supply and before expiry of 10% Contract PBG/SD.	As per industry practice, an insurance policy with coverage of at least 6% of the total order value for the supplies outlined in the contract, and covering a period of 25 years, is generally accepted. We request that GIPCL amend the relevant clause in the Tender Documents	Bidder shall refer section-2, Sheet 5 of 7, clause no:9.1 (ii) sub clause B. The clause is reproduced as: "Insurance: The PV module power output warranty as per the technical specification shall be insured and backed up through an insurance policy of 6% of the total order value of the supplies by a reputed insurance company which will cover against the PV module power output warranty in case of insolvency or bankruptcy of the PV module manufacturer." No change in Tender conditions. Bidder shall comply with tender conditions.
26	SECTION – 1 NOTICE INVITING TENDER	3.4 (iii)	SHEET 5 OF 10	The experience list shall include of PV Modules Manufactured & supplied (Type, Rating, total capacity supplied etc.) to Customer by Bidder himself as a Manufacturer which shall include entire Engineering, Design, Procurement, Supply & Insurance and not as a sub-contractor. The list of PV Modules supplied shall clearly mention name of the technology partner / licensee agreement company and whether the same is valid as on date with date of expiry.	Please clarify which documents need to be submitted against this clause. Is the submission of experience in supplying offered modules required? Please provide clarification.	Bidder shall refer section-I, Sheet 6 of 10, clause no:3.4 (v) for details of documents to be submitted. No change in Tender conditions. Bidder shall comply with tender conditions.
27	SECTION – 1 NOTICE INVITING TENDER	5.0	SHEET 8 OF 10	5.0. Splitting of Quantity: The minimum bidding quantity will be 50 MWp.	What is the maximum capacity quoted by the single bidder?	Bidder shall quote the qty. as per section-1, sheet 8 of 10, clause no.5.0 The clause reproduced below. "Bidder based on their manufacturing capacity, their commitment for supply of solar PV modules shall indicate the quantity that can be offered by them for this tender considering the supply schedule given in Clause 2.0 Table A..... The minimum bidding quantity will be 50 MWp." No change in Tender conditions. Bidder shall comply with tender conditions.
28	SECTION – 4 GENERAL CONDITIONS OF CONTRACT (GCC)	10.5.1 (b)	SHEET 27 OF 44	The Contractor shall submit the bill for claim in three copies with all supporting documents as per the Contract condition to GIPCL. After due verification and recommendation, GIPCL shall process verified bills for release of payment. Payments shall be released in 30 (Thirty) days by A/c payee cheque / RTGS/ NEFT from date of submission of clear invoices.	We request GIPCL to consider the mode of payment through a Letter of Credit (LC).	Bidder shall refer Amendment -1. No change in Tender conditions except Amendment-1. Bidder shall comply with tender conditions.
29	SECTION – 5 SPECIAL CONDITIONS OF CONTRACT (SCC)	3.0 (2)	SHEET 2 OF 3	3.0. Terms of Payment for Supply: 2. Supply of Solar PV Modules on pro-rata basis as per mutually agreed schedule on sequential basis only to the Project Site.- 70% of Supply Price	Bidders understand that GIPCL will release 70% of the payment upon receipt of the Material Dispatch Clearance Certificate (MDCC) issued by GIPCL/TPIA. Please confirm.	Bidder shall refer Amendment -1. No change in Tender conditions except Amendment-1. Bidder shall comply with tender conditions.
30	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	2.1 (e)	SHEET 3 of 16	PV module shall perform satisfactorily with operational temperatures between minimum - 40°C and maximum +85°C and shall be available to work under 0-85% relative humidity.	As per the standard, the relative humidity shall be in the range of 0% to 85%. It is requested to amend this in the Tender Document.	Bidder to check clause no 2.1 (e) of Section -8 No change in Tender conditions. Bidder shall comply with tender conditions.
31	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	2.1 (b)	SHEET 2 of 16	The total capacity of PV modules to be procured under this contract, excluding mandatory spares is 625 MWp. The bidder shall supply 0.5% of the awarded PV module capacity as mandatory spares in addition to the awarded PV module capacity.	Not Applicable	No change in Tender conditions. Bidder shall comply with tender conditions.
32	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	3.1	SHEET 4 of 16	3.1 MODULE WATTAGE DISTRIBUTION: The bidder can provide module (as allowed in technical specification) and wattage rounding off to 5 Wp for each type.	The bidder can provide module (as allowed in technical specification) and wattage rounding off to 4.99 Wp for each type.	No change in Tender conditions. Bidder shall comply with tender conditions.
33	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	5.2. Table 2: Codes and Standards	SHEET 10 of 16	3. Corrosive atmosphere resistance testing to salt mist (IEC 61701 Ed. 2)	IEC 61701 under testing will get the test report by 20th Oct 24	No change in Tender conditions. Bidder shall comply with tender conditions.
34	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	5.4. Table 3: Pre-dispatch Inspection Test	SHEET 11 of 16	4. Electroluminescence (EL) testing: As per special inspection level S-2 and AQL 1.5% as per IS 2500 (Part 1):2000	special inspection level S-2 and AQL 2.5% for Major & AQL 4.0 for minor	No change in Tender conditions. Bidder shall comply with tender conditions.
35	SECTION – 5 SPECIAL CONDITIONS OF CONTRACT (SCC)	3.0.	SHEET 2 OF 3	3.0. Terms of Payment for Supply:	Request you to consider payment terms L 100 % through LC at sight	Bidder shall refer Amendment -1. No change in Tender conditions except Amendment-1. Bidder shall comply with tender conditions.

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36	SECTION – 1 NOTICE INVITING TENDER	2.0 TABLE A: IMPORTANT DATES	SHEET 3 OF 10	x. Schedule date for delivery of the percentage of Order MWp: <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Month</th> <th>PV Modules in MWp to be deliver at Project Site</th> <th>%of total capacity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Mar-25</td> <td>62.5</td> <td>10%</td> </tr> <tr> <td>2</td> <td>Apr-25</td> <td>62.5</td> <td>10%</td> </tr> <tr> <td>3</td> <td>May-25</td> <td>62.5</td> <td>10%</td> </tr> <tr> <td>4</td> <td>June-25</td> <td>31.25</td> <td>5%</td> </tr> <tr> <td>5</td> <td>Sep-25</td> <td>250</td> <td>40%</td> </tr> <tr> <td>6</td> <td>Oct-25</td> <td>156.25</td> <td>25%</td> </tr> <tr> <td colspan="2">Total</td> <td>625</td> <td>100%</td> </tr> </tbody> </table>	Sr. No.	Month	PV Modules in MWp to be deliver at Project Site	%of total capacity	1	Mar-25	62.5	10%	2	Apr-25	62.5	10%	3	May-25	62.5	10%	4	June-25	31.25	5%	5	Sep-25	250	40%	6	Oct-25	156.25	25%	Total		625	100%	Need to discussed	No change in Tender conditions. Bidder shall comply with tender conditions.
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1	Mar-25	62.5	10%																																			
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37	SECTION – 1 NOTICE INVITING TENDER	3.2.1	SHEET 4 OF 10	3.2. Technical 3.2.1 The Bidder or its Holding Company/Subsidiary Company should be a Solar PV module manufacturer with 540Wp or above rated PV module (Bi-facial) listed in the latest "ALMM" order issued by MNRE prior to the last date of bid submission.	Request you to kindly consider the listing of modules in ALMM list prior to the supply of first lot of modules.	No change in Tender conditions. Bidder shall comply with tender conditions.																																
38	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	2.1 (I)	SHEET 2 of 16	Module pig tail cables shall be UV resistant solar DC copper cable of lengths of 300 to 500 mm with maximum tolerance of +50 mm as per the project design requirement and of size 4 mm2 with DC connectors adaptive to MC4 type connector directly. The junction box shall be split type with suitable cable connection between two PV Modules in a daisy chain arrangement. MC4 type connector should be TUV/ any accredited certified.	Request you to change cable length to 1200mm since procurement of cable length 300-500 mm will be difficult	No change in Tender conditions. Bidder shall comply with tender conditions.																																
39	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	5.1 C-1 (e)	SHEET 8 of 16	5.1. DATA SHEET C.Electrical data e) Short circuit current (Isc) @ STC A 13.45-13.99 Amp.	Request you to kindly provide ±3% tolerance of mentioned range	No change in Tender conditions. Bidder shall comply with tender conditions.																																
40	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	5.1 B-7	SHEET 8 of 16	5.1. DATA SHEET B. Technical Details 7. Weight Kg <33	Request you to kindly make it 33 ± 1 kg	Bidder shall refer Amendment -1. No change in Tender conditions except Amendment-1. Bidder shall comply with tender conditions.																																
41	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	5.1 C-9	SHEET 8 of 16	9. Bifaciality factor % 70 (minimum)	Request you to kindly make it 70 ± 5 %	No change in Tender conditions. Bidder shall comply with tender conditions.																																
42	General				Request to please confirm rated current of JB (25A or 30A).	No change in Tender conditions. Bidder shall comply with tender conditions.																																
43	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	5.5	SHEET 13 of 16	Labelling Requirement: All PV modules shall be classified prior to their packing at the manufacturer's workplace to reduce the mismatch losses by sorting on basis of power bin and current bin positivity. The manufacturer shall paste labels of colors red, yellow and green on the side frames of modules to differentiate between the tolerance values high, medium and low apart from usual labels "H", "M" and "L". This will help the site execution team to segregate the modules faster and connect modules with same tolerance in almost each string.	Request you to please consider the wattage mentioned on the pallet (modules of similar wattage bin are put together in a pallet) instead of colour coding	No change in Tender conditions. Bidder shall comply with tender conditions.																																
44	SECTION – 8 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS	5.8 (10)	SHEET 14 of 16	10. Other relevant information on traceability of solar cells and module as per ISO 9001.	Request you to please specify what other relevant info. would you require with respect to traceability?	No change in Tender conditions. Bidder shall comply with tender conditions.																																
45	SECTION – 1 NOTICE INVITING TENDER	3.2.1	SHEET 4 OF 10	3.2. Technical 3.2.1 The Bidder or its Holding Company/Subsidiary Company should be a Solar PV module manufacturer with 540Wp or above rated PV module (Bi-facial) listed in the latest "ALMM" order issued by MNRE prior to the last date of bid submission.	Kindly allow Suppliers to participate and referring to NTPC's recent tender's technical criteria "The Bidder should have supplied Solar Photo Voltaic (SPV) Modules or Solar Photo Voltaic (SPV) cells of cumulative capacity of 40 MWp or above, out of which at least one such supply order should be 10 MWp or above capacity, prior to the date of Techno commercial Bid opening."	No change in Tender conditions. Bidder shall comply with tender conditions.																																
46	SECTION – 1 NOTICE INVITING TENDER	2.0. TABLE A: IMPORTANT DATES	SHEET 2 OF 10	Online (e-tendering) Tender/Offer submission last date (This is mandatory): 25-09-2024 Time: 17:00 hours (IST) On Electronic Tender System (ETS) portal for Bid Submission	We are kindly requesting you for the bid submission date extension for further 15 days, we shall be highly obliged if you support to do so, as we need some more time for preparation of the herewith said tender	Bidder shall refer Amendment -1. No change in Tender conditions except Amendment-1. Bidder shall comply with tender conditions.																																