Tender No: SRDEE-GS-IZN-2023-04-2 **Closing Date/Time:** 18/04/2023 15:00

Sr.DEE (G)/IZN acting for and on behalf of The President of India invites E-Tenders against Tender No **SRDEE-GS-IZN-2023-04-2** Closing Date/Time 18/04/2023 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

1. NIT HEADER

Name of Work		(without battery backup) Solar roof t ipur & Ramnagar Railway Station of	•
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	18/04/2023 15:00	Date Time Of Uploading Tender	26/03/2023 11:48
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	9245508.00	Tendering Section	TENDER
Bidding Style	Single Rate for Each Schedule Item	Bidding Unit	
Earnest Money (Rs.)	185000.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	4 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	04/04/2023	Are Joint Venture (JV) firms allowed to bid	No
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Station Development

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedul	Schedule 01-SITC of total 200 KWp on-grid (without battery backup) Solar roof top Plant 9245508.00							
	01	200.00	KWp	46227.54	9245508.00	AT Par	9245508.00	Above/ Below/Par
01	complete w b) Solar Gr GPRS, RF formats on Box, e) Inv	vith the followid Connecte) to remote Web-App & erter Interfa	wing items: d String Inv service pla big screen cing Panel,	a) Mono / Pol erter along wit utform for data display c) Alu f) Fire resistan	nnected Solar Ph ly Crystalline Silico h Data Logger, wit storage and anal iminium Solar PV t DC Cables & Fire y, Junction box an	on Solar Cell on th provision fo lysis displayed Module Moun to resistant AC	onnected in series r data transferring d in various visual ting Structure, d) Cables of suitable	(PV Module), (RS-485, Wifi, and graphical Array Junction length as per

3. ITEM BREAKUP

No item break up added

Standard. (BEM 10 KWp, KHH 20 KWp, BHI 20 KWp, KPV 50 KWp, LKU 50 KWp & RMR 50 KWP)

accessories along with installation, testing and commissioning of above Solar Photo Voltaic Modules on roof top of building / Shed top of station platform with all associated works. As per enclosed Technical Specification and

4. ELIGIBILITY CONDITIONS

Special Technical Criteria

S.No	. Description	Confirmation Required		Documents Uploading
1	Tenderer must be submitted valid 'A' class electrical contractor license issued by electrical inspector to state government with the offer. If 'A' class electrical contractor license has been expired, tenderer should submit receipt of renewal electrical contractor license issued by electrical Inspector to state government with the offer also. At the time of contract agreement, contractor must submit valid 'A' class electrical contractor license issued by electrical inspector to state government. If tenderer have not submit the valid "A" class electrical contractor license, the offer will be summarily rejected.	No	Nο	Allowed (Mandatory)

Special Financial Criteria

S.No.	Description	Confirmation	Remarks	Documents
		Required	Allowed	Uploading

Page 1 of 8 Run Date/Time: 26/03/2023 11:49:39

Tender No: SRDEE-GS-IZN-2023-04-2 **Closing Date/Time:** 18/04/2023 15:00

1	Financial Eligibility Criteria for Tenderer is as follows for the tender value above 50 lac - The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less; where V Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Annexure VIB, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	INO	Allowed (Mandatory)
---	---	----	-----	------------------------

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Technical Eligibility Criteria: (a) The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (iii) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii) One similar work costing not less than the amount equal to 60% of advertised value of the tender. (b) (1) In case of tenders for composite works (e.g. works involving more than one distinct component, such as Civil Engineering works, S&T works, Electrical works, OHE works etc. and in the case of major bridges - substructure, superstructure etc.), tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or (ii) Two similar works each costing not less than the amount equal to 60% of advertised value of each component of tender, or (iii) One similar works each costing not less than the amount equal to 60% of advertised value of each component of tender. Note for b(1): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components. (b) (2)In such cases, what constitutes a component in a composite work shall be clearly pre-defined with estimated tender cost of it, as part of the tender documents without any ambiguity. (b) (3) To evaluate the technical eligibility of tenderer, only components of work as stipulated in tender documents for evaluation of technical eligibility, shall be considered. The scope of work covered in other remaining components shall be either ex	No	No	Allowed (Mandatory)

Special Technical Criteria

S.No.	Description	Confirmation	Remarks	Documents
		Required	Allowed	Uploading

Page 2 of 8 Run Date/Time: 26/03/2023 11:49:39

Tender No: SRDEE-GS-IZN-2023-04-2 **Closing Date/Time:** 18/04/2023 15:00

1	In case after award of contract or during execution of work it becomes necessary for contractor to change subcontractor, the same shall be done with subcontractor(s) fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract, with prior approval of Chief Engineer in writing. Note for Item 10.1: Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organisation, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates. In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.	No	No	Allowed (Mandatory)
---	---	----	----	------------------------

Special Financial Criteria

S.No.	Description	Confirmation Required		Documents Uploading
1	The tenderers shall submit a copy of certificate stating that all their statements/documents submitted along with bid are true and factual. Standard format of certificate to be submitted by the bidder is enclosed as Annexure-V. In addition to Annexure -V, in case of other than Company/Proprietary firm. Annexure -V(A) shall also be submitted by the each member of a Partnership Firm / Joint Venture (JV) / Hindu Undivided Family (HUF / Limited Liability Partnership (LLP) etc, as the case may be. Non submission of above certificate(s) by the bidder shall result in summarily rejection of his/their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested/digitally signed by which they/he is qualifying the Qualifying Criteria mentioned in the Tender Document.	No	No	Allowed (Mandatory)

Special Technical Criteria

S.N	·	Confirmation Required		Documents Uploading
1	Definition of Similar Nature of Work:- The firm should have carried out Supply, Installation, testing & commissioning of Solar power generating system of at least 10 KWp (Grid connected or Off Grid Solar power generating system).		INo	Allowed (Mandatory)

Submission of Document Verification Certificate

S.No.	·	Confirmation Required		Documents Uploading
1	Please submit a certificate in the prescribed format (please download the format from the link given below) for verification / confirmation of the documents submitted for compliance of eligibility / qualifying criteria. Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer. (Click here to download the Format of Self Certificatio)	No	INo	Allowed (Mandatory)

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation	Remarks	Documents
		Required	Allowed	Uploading

Page 3 of 8 Run Date/Time: 26/03/2023 11:49:39

Tender No: SRDEE-GS-IZN-2023-04-2 **Closing Date/Time:** 18/04/2023 15:00

1	Documents to be Submitted Along with Tender (i) The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) / Registered Society / Registered Trust / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. The tenderer(s) shall enclose the attested copies of the constitution of their concern, and copy of PAN Card along with their tender. Tender Documents in such cases are to be signed by such persons as may be legally competent to sign them on behalf of the firm, company, association, trust or society, as the case may be. (ii) Following documents shall be submitted by the tenderer:(a) Sole Proprietorship Firm: (i) All documents in terms of Para 10 of the Tender Form (Second Sheet) above. (b) HUF: (i) A copy of notarized affidavit on Stamp Paper declaring that he who is submitting the tender on behalf of HUF is in the position of 'Karta' of Hindu Undivided Family (HUF) and he has the authority, power and consent given by other members to act on behalf of HUF. (ii) All other documents in terms of Para 10 of the Tender Form (Second Sheet) above. (c) Partnership Firm: (i) All documents as mentioned in para18 of the Tender Form (Second Sheet). (d) Joint Venture (JV): All documents as mentioned in para 17 of the Tender Form (Second Sheet). (e) Company registered under Companies Act2013: (i) The copies of MOA (Memorandum of Association) / AOA (Articles of Association) of the company (ii) A copy of Certificate of Incorporation (iii) A copy of Authorization/Power of Attorney issued by the Company (backed by the resolution of Board of Directors) in favour of the individual to sign the tender on behalf of the company and create liability against the company. (iv) All other documents in terms Para 10 of the Tender Form (Second Sheet) above.		No	Allowed (Mandatory)
2	(f) LLP (Limited Liability Partnership): (i) A copy of LLP Agreement (ii) A copy of Certificate of Incorporation (iii) A copy of Power of Attorney/Authorization issued by the LLP in favour of the individual to sign the tender on behalf of the LLP and create liability against the LLP. (iv) An undertaking by all partners of the LLP that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP or JV in which they were / are partners/members. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the Standard General Conditions of Contract. (v) All other documents in terms of Para 10 of the Tender Form (Second Sheet). (g) Registered Society & Registered Trust: (i) A copy of Certificate of Registration (ii) A copy of Memorandum of Association of Society/Trust Deed (iii) A copy of Power of Attorney in favour of the individual to sign the tender documents and create liability against the Society/Trust. (iv) A copy of Rules & Regulations of the Society (v) All other documents in terms of Para 10 of the Tender Form (Second Sheet) above.		No	Allowed (Mandatory)
3	(iii) If it is NOT mentioned in the submitted tender that tender is being submitted on behalf of a Sole Proprietorship firm / Partnership firm / Joint Venture / Registered Company etc., then the tender shall be treated as having been submitted by the individual who has signed the tender. (iv) After opening of the tender, any document pertaining to the constitution of Sole Proprietorship Firm / Partnership Firm / Registered Company/ Registered Trust / Registered Society / HUF/LLP etc. shall be neither asked nor considered, if submitted. Further, no suo moto cognizance of any document available in public domain (i.e., on internet etc.) or in Railway's record/office files etc. will be taken for consideration of the tender, if no such mention is available in tender offer submitted. (v) A tender from JV shall be considered only where permissible as per the tender conditions. (vi) The Railway will not be bound by any change of power of attorney or in the composition of the firm made subsequent to the submission of tender. Railway may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the Contractor.	No	No	Allowed (Mandatory)

Page 4 of 8 Run Date/Time: 26/03/2023 11:49:39

Tender No: SRDEE-GS-IZN-2023-04-2 **Closing Date/Time:** 18/04/2023 15:00

4	The tenderer whether sole proprietor / a company or a partnership firm / joint venture (JV) / registered society / registered trust / HUF / LLP etc if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, specifically authorizing him/them to sign the tender, submit the tender and further to deal with the Tender/Contract up to the stage of signing the agreement except in case where such specific person is authorized for above purposes through a provision made in the partnership deed / Memorandum of Understanding / Article of Association /Board resolution, failing which tender shall be summarily rejected. A separate power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, shall be submitted after award of work, specifically authorizing him/them to deal with all other contractual activities subsequent to signing of agreement, if required. Note: A Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by Bidders from countries that have signed the Hague Legislation Convention 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Appostille certificate.	No	No	Allowed (Mandatory)
5	Please submit your bank details i.e.Name of the Bank along with Bank Branch Code, Account Number, IFSC Code, and PAN Number.	No	No	Allowed (Mandatory)
6	Please furnish list of plant and Machinery available on hand own and proposed to be inducted own and hired to be given separately for the subject work.	INO	No	Allowed (Mandatory)
7	Please furnish list of Works on hand indicating Description of Work, Contract Value, Approximate value of balance work yet to be done and Date of award.	No	No	Allowed (Mandatory)
8	Please furnish list of Works completed in last three financial years giving Description of Work, Organization for whom executed, approximate value of contract at time of award, Date of award and Date of Completion. Date of actual Start, Actual Completion and Final value of Contract shall also be given.	No	No	Allowed (Mandatory)
9	Please furnish list of personal, organization available on hand and proposed to be engaged for the subject work.	No	No	Allowed (Mandatory)
10	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.		Yes	Allowed (Optional)

General Instructions

		•		Documents Uploading
1	Rates are inclusive of all taxes/octroi, license fee, royalty charges etc. legally leviable by State, Central Govt. and/or any other local authority.	No	No	Not Allowed
2	INDIAN RAILWAY STANDARD GERNERAL CONDITION OF CONTRACT is available on the Indian Railways website. Tenderers are requested to visit the website and be aware of the Terms and Conditions of GCC.		No	Not Allowed

Page 5 of 8 Run Date/Time: 26/03/2023 11:49:39

Tender No: SRDEE-GS-IZN-2023-04-2 **Closing Date/Time:** 18/04/2023 15:00

_				
3	Security Deposit: The Security Deposit shall be 5% of the contract value. The Bid Security submitted by the Contractor with his tender will be retained/encashed by the Railways as part of security for the due and faithful fulfillment of the contract by the Contractor. Provided further that, if Contractor submits the Cash or Term Deposit Receipt issued from a Scheduled commercial bank of India or irrevocable Bank Guarantee Bond from a Scheduled commercial bank of India, either towards the Full Security, Depositor the Part Security Deposit equal to or more than Bid Security, the Railway shall return the Bid Security, to the Contractor. Balance of Security Deposit may be deposited by the Contractor in cash or Term Deposit Receipt issued from Scheduled commercial bank of India or irrevocable Bank Guarantee bond issued from Scheduled commercial bank of India, or may be recovered at the rate of 6% of the bill amount till the full Security Deposit is recovered. Provided also that in case of defaulting Contractor, the Railway may retain any amount due for payment to the Contractor on the pending "on account bills" so that the amounts so retained (including amount guaranteed through Performance Guarantee) may not exceed 10% of the total value of the contract. The Irrevocable Bank Guarantee submitted towards Security deposit shall be initially valid up to the stipulated date of Maintenance period plus 60 days and shall be extended from time to time, depending upon extension of contract granted in terms of Clause 17A and 17B of the Standard General Conditions of Contract. Note: Security Deposit deposited in cash by the Contractor or recovered from the running bills of a Contractor or submitted by contractor as Term Deposit Receipt(s) can be refunded/returned to the contractor, in lieu of irrevocable Bank Guarantee bond issued from scheduled commercial bank of India, to be submitted by him, for an amount equal to or more than the already available Security Deposit, provided however that, in a contract of value less than Rs	No	No	Not Allowed
4	The successful bidder shall have to submit a Performance Guarantee (PG) within 21 (Twenty one) days from the date of issue of Letter of Acceptance (LOA). Extension of time for submission of PG beyond 21 (Twenty one) days and upto 60 days from the date of issue of LOA may be given by the Authority who is competent to sign the contract agreement. However, a penal interest of 12% per annum shall be charged for the delay beyond 21 (Twenty one) days, i.e. from 22ndday after the date of issue of LOA. Further, if the 60thday happens to be a declared holiday in the concerned office of the Railway, submission of PG can be accepted on the next working day. In all other cases, if the Contractor fails to submit the requisite PG even after 60 days from the date of issue of LOA, the contract is liable to be terminated. In case contract is terminated railway shall be entitled to forfeit Bid Security and other dues payable to the contractor against that particular contract, subject to maximum of PG amount. In case a tenderer has not submitted Bid Security on the strength of their registration as a Startup recognized by Department of Industrial Policy and Promotion (DIPP) under Ministry of Commerce and Industry, DIPP shall be informed to this effect. The failed Contractor shall be debarred from participating in re-tender for that work.	No	No	Not Allowed
5	The successful bidder shall submit the Performance Guarantee (PG) in any of the following forms, amounting to 5% of the original contract value:- (i) A deposit of Cash; (ii) Irrevocable Bank Guarantee; (iii) Government Securities including State Loan Bonds at 5% below the market value; (iv) Pay Orders and Demand Drafts tendered by any Scheduled Commercial Bank of India; (v) Guarantee Bonds executed or Deposits Receipts tendered by any Scheduled Commercial Bank of India; (vi) Deposit in the Post Office Saving Bank; (vii) Deposit in the National Savings Certificates; (viii) Twelve years National Defence Certificates; (ix) Ten years Defence Deposits; (x) National Defence Bonds and (xi) Unit Trust Certificates at 5% below market value or at the face value whichever is less. Also, FDR in favour of FA&CAO (free from any encumbrance) may be accepted.	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation	Remarks	Documents
		Required	Allowed	Uploading

Tender No: SRDEE-GS-IZN-2023-04-2 **Closing Date/Time:** 18/04/2023 15:00

1	The entire set of materials of Solar Photo Voltaic Power Plant supplied by the tenderer shall be inspected by RITES as per the Inspection Test plan issued by Railway authorities before dispatch from the Manufacturer/Supplier premises and inspection cost will be borne by tenderer.	No	No	Not Allowed
2	Firm will have to provide Five years warranty from the date of successful commissioning of solar plant and ensure to meet efficiency more than 20%. String inverter having minimum 10 year (free of cost) replacement warranty with written assurance from OEM to be submitted with supply of material. Warranty of Solar PV module should have 25 years (free of cost) replacement warranty or as per latest Railway board guidelines or as per latest MNRE guidelines. Written assurance from OEM to be submitted with supply of material. Security Deposit (SD) shall be returned after completion of five years warranty.	No	No	Not Allowed
3	The total solar PV array capacity may exceed allocated capacity (kWp) and should comprise of Mono /Poly Crystalline Silicon Solar Cell having capacity of each solar PV panel of 335 Wp or above. Solar PV panel less than 335Wp will not be acceptable and if supplied, solar PV panels will be rejected. Efficiency of Solar PV modules must be greater than 20%.	No	No	Not Allowed

Undertakings

S.No.	Description	Confirmation Required		Documents Uploading
1	I/We also hereby agree to abide by the Indian Railways Standard General Conditions Of Contract, with all correction slips up-to-date and to carry out the work according to the Special Conditions of Contract and Specifications of materials and works as laid down by Railway in the annexed Special Conditions/Specifications, Schedule of Rates with all correction slips up-to date for the present contract.	No	No	Not Allowed
2	I/We have read the various conditions to tender attached hereto and agree to abide by the said conditions. I/We also agree to keep this tender open for acceptance for a period of 60 days from the date fixed for opening the same and in default thereof, I/We will be liable for forfeiture of my/our Earnest Money . I/We offer to do the work for North Eastern Railway, at the rates quoted in the attached schedule and hereby bind myself/ourselves to complete the work in all respects within the period of completion stipulated in the tender document, from the date of issue of letter of acceptance of the tender.		No	Not Allowed
3	The amount as situplated in tender document is herewith forwarded as Earnest Money. Full value of the earnest Money shall stand forfeited without prejudice to any other right or remedies in case my/our Tender is accepted and if:	No	No	Not Allowed
4	I/We hereby Confirm that the rates, rebates and/or other financial terms, if any, quoted by us in the relevant fields of the Financial Bid page will only be the ruling terms for deciding the inter-se ranking, and any such condition having financial repercussions, if quoted by us anywhere else including attached documents shall not be considered for deciding inter-se ranking. However, Railways shall have the right to incorporate any such condition quoted by us, in the contract, at their discretion, if contract is placed on us.	No	No	Not Allowed
5	$\ensuremath{I}/\ensuremath{We}$ have visited the works site and \ensuremath{I} / \ensuremath{We} am / are aware of the site conditions.		No	Not Allowed
6	I/We have read the various conditions attached/ referred to in this tender document and agree to abide by the said conditions.	No	No	Not Allowed
7	Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	GCCcorrectionslip.pdf	GCC correction slip
2	Solar1.pdf	Instructions for tenderer Solar
3	SpecialConditionsofContractSolar2.pdf	Special terms and condition Solar

Page 7 of 8 Run Date/Time: 26/03/2023 11:49:39

Tender No: SRDEE-GS-IZN-2023-04-2 **Closing Date/Time:** 18/04/2023 15:00

4	TechnicalspecificationnewSolar3.pdf	Technical specification Solar
5	GCC_April-2022.pdf	GCC 2022
6	IRStandardGCCApril2022ACSNo_2.pdf	GCC correction slip 2

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

Signed By: MANISH GANGWAR

Designation: Sr.DEE/IZN

Page 8 of 8 Run Date/Time: 26/03/2023 11:49:39