

**KHURDA ROAD DIVISION-ELECTRICAL/ECOR
TENDER DOCUMENT**

Tender No: e-Tender-Elect-G-22-24

Closing Date/Time: 16/08/2024 14:00

Divl. Railway Manager - Electrical acting for and on behalf of The President of India invites E-Tenders against Tender No **e-Tender-Elect-G-22-24** Closing Date/Time 16/08/2024 14:00 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	Provision of renewable solar on grid plant of different capacities on roof top and shed top in various locations Under BAM-PSA section of Khurda Road Division		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	16/08/2024 14:00	Date Time Of Uploading Tender	25/07/2024 18:22
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	91301140.80	Tendering Section	ELECT.GENL
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	606500.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	6 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	02/08/2024	Are Joint Venture (JV) firms allowed to bid	No
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Solarization of Rooftop

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule A-SCHEDULE OF WORK, PRICE AND QUANTITY							91301140.80	Above/ Below/Par
1	Please see Item Breakup for details.			91301140.80	AT Par	91301140.80		
	Description:- See the item break up for details							

3. ITEM BREAKUP

Schedule	Schedule A-SCHEDULE OF WORK, PRICE AND QUANTITY					
Item- 1	See the item break up for details					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Design, manufacture & supply of Grid connected Solar Photo voltaic (PV) Plant without battery backup complete with the following items : a) Single Crystalline Silicon Solar Cell connected in series (PV Module), b) Solar Grid Connected String Inverter along with Data Logger, with provision for data transferring (RS-485, Wifi, GPRS, RF) to remote service platform for data storage & analysis displayed in various visual & graphical formats on Web-App & big screen display c) Aluminium Solar PV Module Mounting Structure, d) Array Junction Box, e) Inverter Interfacing Panel, f) Fire resistant DC Cables & Fire resistant AC Cables of suitable length as per site requirement for interconnecting panels, array,Junction box, and solar inverter system etc. including all other accessories alongwith installation,testing and commissioning of above Solar Photo Voltaic Modules on Roof Top and Shed top of station platform with all associated works.	KWp	1740.00	52471.92	91301140.80
					Total	91301140.80

4. ELIGIBILITY CONDITIONS

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Standard Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	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	No	Allowed (Mandatory)

Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	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 ii.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. Note: Substantially Completed Work means an ongoing work in which payment equal to or more than 90% of the present contract value (excluding the payment made for adjustment of Price variation (PVC), if any) has been made to the contractor in that ongoing contract and no proceedings of termination of contract on Contractor's default has been initiated. The credential certificate in this regard should have been issued not prior to 60 days of date of invitation of present tender. Definition of similar nature of work is described below at 1.1(For details refer tender documents)	No	No	Allowed (Mandatory)
1.1	Definition of similar nature of work: Supply, erection, testing & commissioning of solar rooftop plant, off grid/on grid with or without battery backup for general purpose use or for street light use in different locations including non-electrified territories of Railways or Airport or CPWD or Defence or other Central Govt or state Govt or their Public sector undertakings.	No	No	Not Allowed

Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:

S.No.	Description
1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.

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10	I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)
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Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.

S.No.	Description
1	Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. Please submit a certificate in the prescribed format (please download the format from the link given below). 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 Certification)

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please submit Certificate of Familiarization as per Chapter-4	No	No	Allowed (Optional)
2	For all tenders having advertised cost of Rs.10 lakh or above, the contractor shall have to submit the option to take payment from Railways through a letter of credit (LC) arrangement. The tenderer shall affirm having read over and agreed to the terms and conditions of the LC option. The option of taking payment through LC arrangement, once exercised by tenderer at the time of bidding, shall be final and no change shall be permitted, thereafter, during execution of contract. (The tenderer have to submit the option to take payment from Railway through a Letter of Credit arrangement)	No	No	Allowed (Optional)
3	The list of personnel / organization on hand and proposed to be engaged for the tendered work. Similarly list of Plant & Machinery available on hand and proposed to be inducted and hired for the tendered work	No	No	Allowed (Optional)
4	The tenderer has to upload the supportive documents against the 'Type of Firm' as mentioned below: * Sole Proprietorship Firm: Notarized affidavit claiming the firm to be a sole proprietor firm * Company: MOA, AOA, BOR, Power of Attorney * Partnership Firm: Deed of Partnership, Power of Attorney; otherwise the offer of the tenderer will be summarily rejected.	No	No	Allowed (Mandatory)
5	In case of partnership firm, they should submit signed copy of filled in Annexure-V(A) separately by individual partners as per the IRGCC-22; otherwise the offer of the tenderer will summarily be rejected.	No	No	Allowed (Mandatory)
5.1	Firms other than 'Partnership/JV/HUF/LLP etc.' should submit a declaration against above compliance mentioning 'NOT APPLICABLE'.	No	No	Not Allowed
6	The tenderer has to upload GST registration certificate & photocopy of the firm's PAN card.	No	No	Allowed (Mandatory)
7	The Bid Security shall be deposited either in cash through epayment gateway or submitted as Bank Guarantee bond from a scheduled commercial bank of India or as mentioned in tender documents. The Bank Guarantee bond shall be as per Annexure-VIA of GCC-22 and shall be valid for a period of 90days beyond the bid validity period.	No	No	Allowed (Mandatory)
7.1	Note: Fixed Deposit Receipt (FDR) will not be accepted for tenders invited on IREPS (e-tender portal)	No	No	Not Allowed
8	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.	No	Yes	Allowed (Optional)
9	Please submit your bank details i.e. Name of Bank along with Bank Branch Code, Accounts Number as appearing in the cheque book, IFSC Code duly certified by the authorised official of the bank, to facilitate payment through ECS/NEFT/RTGS. In lieu of the bank certificate photocopy/scanned copy of a cancelled cheque may be attached for verification of the above particulars.	Yes	No	Allowed (Mandatory)

General Instructions

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S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	No manual tenders sent by post/Fax/courier or in person shall be accepted	No	No	Not Allowed
2	No post tender correspondence shall be entertained after closing of tender even suo moto post tender letters of the tenderers shall be treated as null/void	No	No	Not Allowed
3	Indian Railways Standard General Conditions of contract 2022 corrected up to date of closing of tender and the attached document are part of the tender document.	No	No	Not Allowed
4	For more details the instruction to tenderers and all other details available in the documents attached with tender may be referred to	No	No	Not Allowed
5	The tenderers are required to observe the website to find out if any correction slips issued subsequent to uploading of the Tender. Railway reserves the right to make any additions/alterations to the tender uploaded and issue corrigendum to the same effect. In case the tenderer fails to take note of the above corrigendum, the additions and alterations entered/effectuated in the corrigendum shall be binding upon the tenderer and no claim what so ever will be entertained by Railway	No	No	Not Allowed
6	The Railway reserves right to verify all statements, information and documents submitted by the bidder in his tender offer, and the bidder shall, when so required by the Railway, make available all such information, evidence and documents as may be necessary for such verification. Any such verification or lack of such verification, by the railway shall not relieve the bidder of its obligations or liabilities here under nor will it affect any rights of the railway there under	No	No	Not Allowed
7	In case of any wrong information submitted by the tenderer ,the contract shall be terminated, Earnest Money Deposit(EMD),Performance Guarantee(PG)and Security Deposit(SD) of contract forfeited and agency barred for doing business on entire Indian Railways for 2(two) years	No	No	Not Allowed
8	Railway Board letter No. 2017/Trans/01/Policy dated 08-02-2018 is applicable to the instant tender	No	No	Not Allowed
9	The tenderer should upload the documents carefully. The documents uploaded by tenderer should be clearly visible and in legible format.	No	No	Not Allowed
10	From the past experience, it is observed that, the participating tenderers are not going in details through the Technical requirements/commercial conditions specified in the Tender document. So, before submitting their bid, the tenderer(s) are requested to go in detail of the specified Technical condition/specification and then submit their bid, so that un-necessary delay in execution of the work could be avoided. Some of the specific conditions are furnished below,	No	No	Not Allowed
10.1	The warranty period for the complete solar system will be 10(Ten) years or more. The tenderer has to render service, maintain and repair the system during the entire warranty period at his own cost.	No	No	Not Allowed
10.2	Security Deposit will be released after successful completion of the warranty period i.e. after 10(Ten) years.	No	No	Not Allowed
11	The Solar PV modules, Inverters and other associated commissioning materials to be supplied and commissioning there of, must be compatible to the latest specification circulated by MNRE/BIS on the closing date of Tender.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Tenderers should have valid Electrical Contractor's License (issued by Govt. Electrical Licensing Board) on the closing date of tender. Copy of which should be submitted along with the offer or The Tenderer should obtain supporting valid Electrical contractor's Licence (issued by Govt. Electrical Licensing Board) from any Electrical Contractor on the closing date of tender. In support of this, consent letter of Electrical license holder/MOU if any executed between Electrical license holder and the Tenderer that the licensee should extend support the Tenderer till commissioning of the entire project in full fledged. The same must be submitted along with the offer, otherwise, the offer will be summarily rejected.	No	No	Allowed (Mandatory)

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2	The Tenderer must be a BIS/MNRE approved PV module manufacturer/Solar system integrator or the Tenderer must be an authorised dealer of BIS/MNRE approved PV module manufacturer/Solar system integrator. In case of Tenderer participating as dealer, supporting documents towards authorisation from BIS/MNRE approved module manufacturer/Solar system integrator should be submitted along with the tender document, otherwise the offer shall be rejected.	No	No	Allowed (Mandatory)
3	The Tenderer (either a BIS/MNRE approved PV module manufacturer/Solar system integrator or an authorised dealer of BIS/MNRE approved PV module manufacturer/Solar system integrator) participating in the tender must have an authorised local service center which deals with solar PV module within the jurisdiction of KUR Divn, so that, any complaint can be attended within 24 hours. The contact details and authorization letter of that firm required to be submitted along with the tender document, otherwise the offer shall not be considered.	No	No	Allowed (Mandatory)
4	The inverter to be supplied and commissioned in the contract should be BIS certified. Required documents is need to be submitted along with the tender document, otherwise, the offer shall be rejected.	No	No	Allowed (Mandatory)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/We visited the works site and I/We am/are aware of the site condition.	No	No	Not Allowed
2	I/We have read the various conditions attached/referred to in this tender document and agree to abide by the said condition.	No	No	Not Allowed
3	I/We also hereby agree to abide by the Indian Railways Standard General Conditions of Contract 2022 with all correction slip upto date of closing of tender and to carry out the work according to the special conditions of contract and specification of materials and work as laid down by Railway in the attached special condition or specification, Schedule of rates with all correction slips upto date of closing of tender for the instant contract.	No	No	Not Allowed
4	I/We have downloaded and gone through all the attached documents carefully.I/We have complied all the requisite information(s) and uploaded the relevant documents accordingly.	No	No	Not Allowed

Custom

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	By Submitting the offer online using Digital Signing Certificate, I/We hereby acknowledge that I/We have downloaded and read all the tender conditions and are fully aware of the tendering process and agree to abide by all the conditions mentioned in the tender.I/We are also fully aware of all the guidelines /circulars/letters /recommendations/drawings/laws/acts etc mentioned in the condition and agree to abide by the same.	No	No	Allowed (Optional)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	Explanatorynotes1.74MWSolarPSA-BAM.pdf	Expanatory note
2	IRGCC-2022.pdf	IRGCC 2022

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.

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Signed By: SANJAY KUMAR ROUT

Designation : Sr.DEE