

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

Tender No: e-tender-Elect-G-32-22

Closing Date/Time: 11/11/2022 15:00

Divl. Railway Manager - Electrical acting for and on behalf of The President of India invites E-Tenders against Tender No e-tender-Elect-G-32-22 Closing Date/Time 11/11/2022 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	Provision of solar on grid plant of 100 kWp on platform shelters at different stations over Khurda Road Division.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	11/11/2022 15:00	Date Time Of Uploading Tender	17/10/2022 16:57
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	30849336.00	Tendering Section	ELECT.GENL
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	304300.00	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	28/10/2022	Are Joint Venture (JV) firms allowed to bid	No
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

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							30849336.00	Above/ Below/Par
1	Please see Item Breakup for details.				30849336.00	AT Par	30849336.00	
Description:- See the item break up below								

3. ITEM BREAKUP

Schedule	Schedule A-SCHEDULE OF WORK, PRICE AND QUANTITY					
Item- 1	See the item break up below					
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 / Poly 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 along-with installation, testing and commissioning of above Solar Photo Voltaic Modules on Roof Top and/or roof top of station platform as desired by Railway with all associated works. Shed top of station platform with all associated works as per Annexure-A.	KWp	800.00	38561.67	30849336.00
					Total	30849336.00

4. ELIGIBILITY CONDITIONS

Special Financial Criteria

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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)

Special 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. Similar Nature of Work: Defined at 1.1 below(For details refer tender document)	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

Submission of Document Verification Certificate

S.No.	Description	Confirmation Required	Remarks Allowed	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	No	Allowed (Mandatory)

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 (Mandatory)
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 (Mandatory)
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 (Mandatory)

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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, Power of Attorney * Partnership Firm: Deed of Partnership, Power of Attorney and an Undertaking for not being Blacklisted/Debarred as per Annexure-A NOTE: Incase of partnership firm, they should submit individual declaration of all partners not being Blacklisted/Debarred as per Annexure-A; otherwise the offer of the tenderer will be summarily rejected.	No	No	Allowed (Mandatory)
5	The tenderer has to upload GST registration certificate.	No	No	Allowed (Mandatory)
6	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 and shall be valid for a period of 90days beyond the bid validity period.	No	No	Allowed (Mandatory)
7	Each partner of the partnership firm should duly submit the filled in AnnexureV separately as per the IRGCC -22; Otherwise the offer of the tenderer will summarily be rejected. Firms other than the partnership firm have to submit it as before.	No	No	Allowed (Mandatory)
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 and PAN Number, 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 and Pan card may be attached for verification of the above particulars.	Yes	No	Allowed (Mandatory)

General Instructions

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	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
5.1	The Solar PV modules should be BIS certified brand.	No	No	Not Allowed
5.2	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
5.3	SD will be released after successful completion of the warranty period i.e. after 10(ten) years.	No	No	Not Allowed
6	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

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7	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
8	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 5(five) years	No	No	Not Allowed
9	Railway Board letter No. 2017/Trans/01/Policy dated 08-02-2018 is applicable to the instant tender	No	No	Not Allowed
10	The tenderer should upload the documents carefully. The documents uploaded by tenderer should be clearly visible and in legible format.	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 tender offer, otherwise, the tender will be summarily rejected.	No	No	Allowed (Mandatory)
2	The Solar PV module to be supplied and commissioned in the contract should be BIS certified. The tenderer (either Original Equipment Manufacturer(OEM) of Solar PV module or authorised dealer of the OEM) participating in the tender shall submit a supporting letter for warranty cover and maintenance/repair of the SPV Panel during the defect liability period. The OEM or the authorised dealer shall also accept the responsibilities to depute their engineers to rectify the SPV panel at site in the event of any odd situation. Tenderer should submit supporting documents for proof of the same, otherwise, the tender will be summarily rejected.	No	No	Allowed (Mandatory)
2.1	The tenderer (either Original Equipment Manufacturer(OEM) of Solar PV module or the authorised dealer of the OEM) participating in the tender must have an authorised local service center which deals with solar PV module within the jurisdiction of KUR Divn where atleast five(5) employees have been deployed, 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 tender will be summarily rejected.	No	No	Allowed (Mandatory)
3	The Inverter to be supplied and commissioned in the contract should be BIS certified. The tenderer (either Original Equipment Manufacturer(OEM) of Solar PV module or the authorised dealer of the OEM) participating in the tender must have an authorised local service center which deals with inverter within the jurisdiction of KUR Divn where atleast five(5) employees have been deployed, 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 tender will be summarily 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

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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
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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 (Mandatory)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	Explanatorynotestotheshedule100kWp.pdf	Explanatory notes to the schedule
2	GCC2022100kWp.pdf	GCC 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.

Signed By: SANJAY KUMAR ROUT

Designation : Sr.DEE