

**RATLAM DIVISION-ELECTRICAL/WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** EL-2024-25-33

**Closing Date/Time:** 27/02/2025 15:00

**SR DEE P RTM** acting for and on behalf of The President of India invites E-Tenders against Tender No **EL-2024-25-33** Closing Date/Time 27/02/2025 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**

<b>Name of Work</b>	Ratlam Division - Supply, installation, testing & commissioning of grid connected solar plant at various locations over division.(827KW)		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	27/02/2025 15:00	<b>Date Time Of Uploading Tender</b>	04/02/2025 18:14
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	44197944.08	<b>Tendering Section</b>	POWER RTM
<b>Bidding Style</b>	Single Rate for Tender	<b>Bidding Unit</b>	Above/Below/Par
<b>Earnest Money (Rs.)</b>	371000.00	<b>Validity of Offer ( Days)</b>	60
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	12 Months
<b>Contract Type</b>	Works - General	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	13/02/2025		
<b>Are JV allowed to bid</b>	No	<b>Number of JV Member Allowed</b>	0
<b>Are Consortium allowed to bid</b>	No	<b>Number of Consortium Member Allowed</b>	0
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule</b> () A-Ratlam Division - Supply, installation, testing & commissioning of grid connected solar plant at various locations over division.							44197944.08	
1	Please see Item Breakup for details.				44197944.08	AT Par	44197944.08	
	<b>Description:-</b> Ratlam Division - Supply, installation, testing & commissioning of grid connected solar plant at various locations over division.							

**3. ITEM BREAKUP**

<b>Schedule</b>	Schedule A-Ratlam Division - Supply, installation, testing & commissioning of grid connected solar plant at various locations over division.					
<b>Item- 1</b>	Ratlam Division - Supply, installation, testing & commissioning of grid connected solar plant at various locations over division.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Design, supply, erection, testing and commissioning of grid connected (On grid) rooftop solar PV system with mono crystalline panel complete with all accessories, monitoring system, inverter, structure, cables & all other associated work including net metering & discom charges etc. complete with 5 years warrantee.	KWp	827.00	42708.60	35320012.20
2	2	supply, installation, testing and commissioning of Automatic water sprincling facility for cleaning of Solar Panel at various loactions as per specification	KWp	1450.00	2578.50	3738825.00
3	3	Supply and laying PVC Truncking system 50X50mm for sub main wiring	Metre	2460.00	204.62	503365.20
4	4	Supply of materials & Lying of perforated GI cable Tray Size 100mm X 50mm with cover and fixing arrangement	Metre	1640.00	432.51	709316.40
5	5	Supply of double walled corrugated HDPE Pipes of size 120mm outer dia & 103 inner dia	Numbers	328.00	1711.74	561450.72
6	6	Supply of material & providing maintenance free earthing complete with GI busbars and all other accessories,	Numbers	110.00	7153.77	786914.70
7	7	Supply of material , erection, testing & commissioning of GI pipe earthing arrangement.	Numbers	164.00	2464.07	404107.48
8	8	Providing GI earthing strip of size 25 x 4 mm with PVC sleeve - The price shall cover for supply and laying of G.I. earthing strip of 25 x 4 mm size covered with black coloured PVC sleeve of superior quality from earth pit to control/distribution panel board. The earthing strip when laid on wall shall be fixed by means of suitable size of GI clamps and screws.	Metre	1648.00	68.76	113316.48
9	9	Supply & laying of of PVC insulated and sheathed, four-core, multi-stranded, Copper conductor, LTUG cable, 50 sq. mm - The price shall cover for supply offour-core, PVC insulated and sheathed, stranded, Copper conductor of 50sq. mm cross sectional area conforming to IS 1554 - Part-1. The cable shall be flame retardant, should not support combustion and shall be self extinguishing.	Metre	250.00	1131.84	282960.00

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10	10	Supply & Laying of PVC insulated and sheathed, four-core, multi-stranded, Copper conductor, LTUG cable, 120 sq. mm - The price shall cover for supply of four-core, PVC insulated and sheathed, stranded, Copper conductor of 50sq. mm cross sectional area conforming to IS 1554 - Part-1. The cable shall be flame retardant, should not support combustion and shall be self extinguishing.	Metre	200.00	5111.32	1022264.00
11	11	Laying of 4core 185sqmm UGAC with heat resisting insulation PVC Insulated and strip type Sheathed Armoured Aluminium Conductor cable with 1x8SWG GI wire in existing trench/Pipe/ in air	Metre	500.00	23.08	11540.00
12	12	Laying of 4core 120sqmm UGAC with heat resisting insulation PVC Insulated and strip type Sheathed Armoured Aluminium Conductor cable with 1x8SWG GI wire in existing trench/Pipe/ in air	Metre	1000.00	23.08	23080.00
13	13	Laying of 4core 70sqmm UGAC with heat resisting insulation PVC Insulated and strip type Sheathed Armoured Aluminium Conductor cable with 1x8SWG GI wire in existing trench/Pipe/ in air	Metre	1500.00	23.08	34620.00
14	14	Digging of trench	Metre	2050.00	131.96	270518.00
15	15	Digging of Pacci trench	Kilometre	1230.00	337.93	415653.90
					<b>Total</b>	<b>44197944.08</b>

**4. ELIGIBILITY CONDITIONS**

**Special 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)

**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: Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or One similar work costing not less than the amount equal to 60% of advertised value of the tender.	No	No	Allowed (Mandatory)
2	Definition of Similar Nature of work: Supply, erection, testing and commissioning / AMC / Repairing of Solar Panels / Solar Water Heater / Solar Lighting System / Solar Power Pack. The work must have been carried out in any of the following organizations - (a) Central Government Department or State Government Department. (b) Central Government PSUs or State Government PSUs.	No	No	Allowed (Mandatory)
3	The tendering firm must have valid Electrical Contractor's License issued by the any State or central Government. A copy of the license shall be uploaded along with the tender offer, failing to which the offer shall be summarily rejected. The license must be valid as on the date of opening of the tender. If the Electrical Contractor's License has expired as on the date of opening of tender, the license renewal documents must be uploaded along with the copy of the license.	No	No	Allowed (Mandatory)

**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 <a href="http://www.ireps.gov.in">www.ireps.gov.in</a> . 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.

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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.
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)

**Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.**

S.No.	Description
1	<b>Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.</b> 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. ( <a href="#">Click here</a> to download the Format of Self Certification)

## 5. COMPLIANCE

### Commercial-Compliance

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

### Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tendering firm must have valid Electrical Contractor's License issued by the any State or central Government. A copy of the license shall be uploaded along with the tender offer, failing to which the offer shall be summarily rejected. The license must be valid as on the date of opening of the tender. If the Electrical Contractor's License has expired as on the date of opening of tender, the license renewal documents must be uploaded along with the copy of the license.	Yes	No	Allowed (Mandatory)
2	Definition of Similar Nature of work: Supply, erection, testing and commissioning / AMC / Repairing of Solar Panels / Solar Water Heater / Solar Lighting System / Solar Power Pack. The work must have been carried out in any of the following organizations - (a) Central Government Department or State Government Department. (b) Central Government PSUs or State Government PSUs.	Yes	No	Allowed (Mandatory)
3	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 / HUF 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. (Para 14.1 page 17 GCC April 2022)	Yes	No	Allowed (Mandatory)
4	Certificate of Information regarding Employment/Partnership etc. of Retired Railway Employees with the tender as per the attached Performa. As per clause No 16 (a) and (b) of GCC Part-I April 2022 corrected up to date. (As per GCC -April 2022, Para 16, Page -19-20).	No	No	Allowed (Mandatory)
5	Restrictions on the Employment of Retired Engineers of Railway Services Within One Year of their Retirement: As per GCC -April 2022, Para 59.9, Page -91.	Yes	No	Allowed (Mandatory)
6	Certificate of NO Relative being an employee of Western Railway as per attached Performa.	No	No	Allowed (Mandatory)
7	Participation of Partnership Firm in works tenders. Refer GCC para no 18.1 to 18.11 of Part-I April 2022 corrected up to date. (As per GCC -April 2022, Para 18, Page -25 to 27)	No	No	Allowed (Mandatory)
8	Performance Bank Guarantee: - As per Clause No. 16. (4) of GCC Part-I, April 2022 corrected up to date. (As per GCC -April 2022, Para 16.(4), Page 48-49) Performa Attached.	No	No	Not Allowed
9	The tenderer shall be required to submit Bid Security with the tender for due performance with the stipulation to keep the offer open till such date as specified in the tender, under condition of tender. (GCC April 2022 Part I Instructions to tenderers (ITT) para 5 Bid Security (1) (a,b,c),(2) (3)(i-viii).	No	No	Allowed (Optional)

### 6. Documents attached with tender

S.No.	Document Name	Document Description
1	Provisionofefficientcompetentstaff.pdf	provision of competent staff
2	TS653Tenderdocument.pdf	Electrical document TS653
3	listoflocations.pdf	List of Location
4	1.Letterofcreditasmodeofpayment04-06-2018.pdf	Letter of credit
5	2.ProcedureforpaymentofContractorbillasperGSTImplementation_GST_290617.pdf	Procedureforpaymentofcontractorbill
6	3.PBGproforma.pdf	PBG Proforma
7	4.NOrelativecertificate.pdf	No Relative certificate
8	5.certificateforrailwayemployeee-engagement_11.pdf	Certificate for Rlyemp reengagement

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9	6.BidsecurityAnnexure-VIA.pdf	Bid security VIA
10	7.FormatVA.pdf	format VA
11	8.FormatforAnnualcontractualturnoverAnnexure-VIB1.pdf	Format for annual contractual turno
12	9.GCCAPRIL-2022.pdf	GCC APRIL2022
13	10.GCCACS-1dt.14-07-2022.pdf	GCC ACS 1
14	11.GCCACS-2dt.13-12-2022.pdf	GCC ACS 2
15	12.GCCACS-3dt.26-04-2023.pdf	GCC ACS 3
16	13.GCCACS-4dt.07-08-2023.pdf	GCC ACS 4
17	14.GCCACS-5dt.20-10-2023.pdf	GCC ACS 5
18	15.GCCACS-6dt.21-12-2023.pdf	GCC ACS 6
19	17.ClarificationannexureV.pdf	clarification for annexure V

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:** DHARMENDRA KUMAR PRAJAPATI

**Designation :** Sr.DEE pOWER rtm