

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY  
TENDER DOCUMENT**

Tender No: J-E-14-2024-25-W

Closing Date/Time: 29/08/2024 11:00

Sr.DEE/GS/PGT acting for and on behalf of The President of India invites E-Tenders against Tender No **J-E-14-2024-25-W** Closing Date/Time 29/08/2024 11:00 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>	PGT Division - Provision of Roof Top Solar Power Plants (1400kWp) at various stations over PGT Division- Electrical arrangements		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	29/08/2024 11:00	<b>Date Time Of Uploading Tender</b>	02/08/2024 17:09
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	71827696.00	<b>Tendering Section</b>	GSPGT
<b>Bidding Style</b>	Single Rate for Each Schedule Item	<b>Bidding Unit</b>	
<b>Earnest Money (Rs.)</b>	509100.00	<b>Validity of Offer ( Days)</b>	45
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	9 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	15/08/2024	<b>Are Joint Venture (JV) firms allowed to bid</b>	No
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Revenue

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule E-Provision of Roof Top Solar Power Plants &amp; Their Electrical Arrangements</b>							71827696.00	
01	01	30.00	Set	54034.00	1621020.00	AT Par	1621020.00	Rs.
	<b>Description:-</b> Supply, erection, testing and commissioning of Grid Connected Solar Generating System of 1kWp conforming to MNRE specification or latest							
02	02	18.00	Set	252403.00	4543254.00	AT Par	4543254.00	Rs.
	<b>Description:-</b> Supply, erection, testing and commissioning of Grid Connected Solar Generating System of 5kWp conforming to MNRE specification or latest							
03	03	22.00	Set	504807.00	11105754.00	AT Par	11105754.00	Rs.
	<b>Description:-</b> Supply, erection, testing and commissioning of Grid Connected Solar Generating System of 10kWp conforming to MNRE specification or latest							
04	04	8.00	Set	732460.00	5859680.00	AT Par	5859680.00	Rs.
	<b>Description:-</b> Supply, erection, testing and commissioning of Grid Connected Solar Generating System of 15kWp conforming to MNRE specification or latest							
05	05	12.00	Set	976613.00	11719356.00	AT Par	11719356.00	Rs.
	<b>Description:-</b> Supply, erection, testingand commissioning of Grid Connected Solar Generating System of 20kWp conforming to MNRE specification or latest							
06	06	2.00	Set	1220766.00	2441532.00	AT Par	2441532.00	Rs.
	<b>Description:-</b> Supply, erection, testing and commissioning of Grid Connected Solar Generating System of 25kWp conforming to MNRE specification or latest							
07	07	9.00	Set	1464920.00	13184280.00	AT Par	13184280.00	Rs.
	<b>Description:-</b> Supply, erection, testingand commissioning of Grid Connected Solar Generating System of 30kWp conforming to MNRE specification or latest							
08	08	2.00	Set	2441533.00	4883066.00	AT Par	4883066.00	Rs.
	<b>Description:-</b> Supply, erection, testingand commissioning of Grid Connected Solar Generating System of 50kWp conforming to MNRE specification or latest							
09	09	4.00	Set	3418146.00	13672584.00	AT Par	13672584.00	Rs.

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Closing Date/Time: 29/08/2024 11:00

	<b>Description:-</b> Supply, erection, testing and commissioning of Grid Connected Solar Generating System of 70kWp conforming to MNRE specification or latest							
10	10	6440.00	Metre	55.00	354200.00	AT Par	354200.00	Rs.
	<b>Description:-</b> "Transportation &Laying / clamping / threading of 4 Core XLPE cable (Size up to & Including 70 Sq.mm) through trench, Cable protection pipe, Wall/shelters, FOB, etc as directed at site, with suitable clamps, Aluminium sockets, etc., Note: - Cable will be supplied by Railway from the Office of SSE/Electrical In-Charge of the work."							
11	11	3000.00	Metre	58.00	174000.00	AT Par	174000.00	Rs.
	<b>Description:-</b> "Transportation &Laying / clamping / threading of 4 Core XLPE cable (Size above70 Sq.mm upto and including 120Sq.mm) through trench, Cable protection pipe, Wall/shelters, FOB, etc as directed at site, with suitable clamps and termination duly supplying required Aluminium sockets, etc., Note: - Cable will be supplied by Railway from the Office of SSE/Electrical In-Charge of the work. "							
12	12	144.00	Numbers	250.00	36000.00	AT Par	36000.00	Rs.
	<b>Description:-</b> "End termination using single brass compression gland of Size from 4 core 16 Sq.mm up to & Including 4 Core 25 Sq.mm with required aluminium sockets, etc., Note:- 1) Scope of work including supply ad Fixing of said glands 2) PVC type glands may be used for cable termination in the poly carbonate box as directed by site engineer incharge."							
13	13	132.00	Numbers	350.00	46200.00	AT Par	46200.00	Rs.
	<b>Description:-</b> "End termination using single brass compression gland of Size from 4 core 35 Sq.mm up to & Including 4 Core 50 Sq.mm with required aluminium sockets, etc., Note:- 1) Scope of work including supply and Fixing of said glands 2) PVC type glands may be used for cable termination in the poly carbonate box as directed by site engineer incharge."							
14	14	27.00	Numbers	450.00	12150.00	AT Par	12150.00	Rs.
	<b>Description:-</b> "End termination using single brass compression gland of Size from 4 core 70 Sq.mm up to & Including 4 Core 95 Sq.mm with required aluminium sockets, etc., Note:- 1) Scope of work including supply and Fixing of said glands 2) PVC type glands may be used for cable termination in the poly carbonate box as directed by site engineer incharge."							
15	15	18.00	Numbers	600.00	10800.00	AT Par	10800.00	Rs.
	<b>Description:-</b> "End termination using single brass compression gland of Size from 4 core 120 Sq.mm up to & Including 4 Core 185 Sq.mm with required aluminium sockets, etc., Note:- 1) Scope of work including supply ad Fixing of said glands 2) PVC type glands may be used for cable termination in the poly carbonate box as directed by site engineer incharge."							
16	16	1416.00	cum	620.00	877920.00	AT Par	877920.00	Rs.
	<b>Description:-</b> Excavation of cable trench in all kinds of soil up to a depth of 1.0 Mtr. & Width of 0.3 Mtr duly clearing the roots of trees etc. and refilling with the excavated soil up to normal level. Depth and Width can be varied based on site Condition as directed by site engineers in charge. Concerned Measurement will be taken in Cubic meters.							
17	17	25.00	cum	5700.00	142500.00	AT Par	142500.00	Rs.
	<b>Description:-</b> Breaking of cement concrete flooring and finishing to original level by cement concrete in an approved manner							
18	18	3220.00	Metre	220.00	708400.00	AT Par	708400.00	Rs.
	<b>Description:-</b> Supply and laying /fixing of HDPE pipe 50mm dia pressure rating up to 4PN (Material Grade-PE 63) in the excavated cable trench/building wall/FOB etc., With suitable GI fixing hardware like T-Joints, L-Joints, shall be used at appropriate locations. So that cable can be easily inserted and removed wherever need arises							
19	19	1500.00	Metre	290.00	435000.00	AT Par	435000.00	Rs.
	<b>Description:-</b> Supply and laying /fixing of HDPE pipe 63mm dia pressure rating up to 4PN (Material Grade-PE 63) in the excavated cable trench/building wall/FOB etc., With suitable GI fixing hardware like T-Joints, L-Joints, shall be used at appropriate locations. So that cable can be easily inserted and removed wherever need arises							

**3. ITEM BREAKUP**

No item break up added	
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**4. ELIGIBILITY CONDITIONS**

**Special Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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TENDER DOCUMENT**

Tender No: J-E-14-2024-25-W

Closing Date/Time: 29/08/2024 11:00

1	The tenderer must have minimum average annual contractual turnover of V/N or 'V' which ever 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 Appendix-J, 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)
2	Statement showing Annual Contractual Turnover Data (as per Annexure - J of Tender Document) for the Previous 3/4 Years (Contractual Payment only) supported by Audited Balance Sheet duly certified by the Chartered Accountant shall be enclosed alongwith the bid. Non-submission of the same by the bidder shall result in summarily rejection of his/their bid	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 of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: 1. Three similar works each costing not less than the amount equal to 30% of advertised value, or 2. Two similar works each costing not less than the amount equal to 40% of advertised value or 3. One similar work each costing not less than the amount equal to 60% of advertised value Note: Separate completed works of minimum required values for each component can also be considered for fulfillment of technical eligibility criteria for different components. *Similar Single work is defined as "Successful completion of works of Supply, Installation, testing and commissioning of Solar Photo Voltaic Power Generating systems of at least 20% of the tendered capacity of the Solar plant to Central/State Government of Public Sector Undertakings (PSUs) or 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 at least 5 Years prior to opening of tender".	No	No	Allowed (Mandatory)
2	The tenderer shall submit along with the tender document, documents in support of his/their claim to fulfill the eligibility criteria as mentioned in the tender document. Each page of the copy of documents/certificates in support of credentials, submitted by the tenderer, shall be self-attested/digitally signed by the tenderer or authorized representative of the tendering firm. Self-attestation shall include signature, stamp and date (on each page). Only those documents which are declared explicitly by the tenderer as "documents supporting the claim of qualifying the laid down eligibility criteria" will be considered for evaluating his/their tender. Note- The tenderer shall attach a summary of documents submitted for satisfying the eligibility criteria either duly self attested or digitally signed	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 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.

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TENDER DOCUMENT**

Tender No: J-E-14-2024-25-W

Closing Date/Time: 29/08/2024 11:00

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	The Supply of Goods and Services would be subject to GST Act and Rules applicable from time to time.	Yes	No	Not Allowed
2	I/We have read the various conditions to tender in the attached tender document and agree to abide by the said conditions.	Yes	No	Not Allowed
3	I/We agree to keep this tender open for acceptance for a period of 45 days from the date of closing of this tender and in default thereof I/We will be liable for forfeiture of my/our Bid Security. I/We offer to do the work for Railway, at the rates quoted in the attached Schedule and hereby bind myself/ourselves to complete the works in all respects.	Yes	No	Not Allowed
4	I/We also hereby agree to abide by the updated Regulations of Tenders and Contracts and General Conditions of Contract issued by the Engineering Department of Indian Railways along with correction slips issued from time to time and to carryout 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 Work for the present contract.	Yes	No	Not Allowed
5	All rates quoted in the tenders shall be deemed to be inclusive of CGST, SGST, IGST etc., payable by the contractor to the Government or any public body and no additional amount/rate or claim will be entertained on this account by the Railways. Also no claim whatsoever will be accepted by Railways on account of revision of tax rates, new taxes of statutory nature by State/Central Govt.	Yes	No	Not Allowed
6	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)

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer shall go through the entire tender documents thoroughly and strictly adhere the instructions and directions given at different pages.	No	No	Not Allowed
2	Deployment of Qualified Engineers at Work Sites by the Contractor - The Contractor shall employ 1 No. of qualified Graduate Engineer for works Rs. 200 Lakh or more and 1 No. of Diploma Engineer for works costing more than Rs. 25 Lakh, but less than Rs 200 Lakh	No	No	Not Allowed

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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TENDER DOCUMENT**

Tender No: J-E-14-2024-25-W

Closing Date/Time: 29/08/2024 11:00

1	Before quoting the rates for schedule items, the Schedule shall be read in conjunction with its explanatory notes for detailed description of various items included therein.	No	No	Not Allowed
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**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	In addition to Appendix-K, in case of other than Company/Proprietary firm, Appendix-L shall also be submitted by 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 by the bidder shall result in summarily rejection of his/their bid	No	No	Allowed (Mandatory)
2	A copy of certificate stating that they are not liable to be disqualified and all their statements/documents submitted along with bid are true and factual. Standard format of the certificate to be submitted by the bidder is enclosed as Appendix-K.	No	No	Allowed (Optional)
3	Electrical License: The work shall only be carried out by the contractor having valid Electrical contractor license issued by the Government of Tamilnadu / Kerala /Karnataka / any other State for carrying out the installation work of the voltage class involved. Attested copy of the Electrical License shall be submitted to Sr.DEE/G/PGT or his authorized representative before commencement of work.	Yes	Yes	Allowed (Optional)
4	The contractor shall make arrangements for inspection of materials by RITES for schedule items whose total value cost Rs. 5 lakh or more and submit the inspection certificates and submit the inspection certificates (Authority: Railway Board Letter Number 2000/RS(G)/379/2 dated 06-09-2017). Inspection fee due to RITES to be paid by the contractor.	Yes	Yes	Allowed (Optional)
5	List of similar works completed in the last three financial years giving description of work, organization for whom executed, approximate value of contract at the time of award, date of award and date of scheduled completion of work. Date of actual start, actual completion and final value of contract shall also be furnished. For the items mentioned above, supportive documents / certificates from the organizations with whom the Contractor has worked / are working shall be enclosed. NOTE:- Certificates from private individuals for who such works are executed / being executed will not be accepted.	Yes	Yes	Allowed (Optional)
6	The Railway reserve the 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 or lack of such verification, by the railway shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the railway thereunder. (RB letter No.2017/Trans/01/Policy dated 08.02.2018)	Yes	No	Not Allowed
7	In case of any wrong information submitted by the tenderer, the contract shall be terminated, Bid Security, Performance Guarantee (PG) and Security Deposit (SD) of contract forfeited and agency barred for doing business on entire Indian Railways for 2 (Two) Years. (RB letter No.2022/CE-I/CT/GCC-2022/Policy, dated 07.08.2023).	Yes	No	Not Allowed
8	General Conditions of Contract-April-2022 and its correction slips from time to time will be applicable for this contract. The work should be carried out as per the terms and conditions available in the tender document.	Yes	Yes	Not Allowed

**Custom**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Bank Account details As per Appendix-B of Tender Document	Yes	No	Allowed (Optional)

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY  
TENDER DOCUMENT**

Tender No: J-E-14-2024-25-W

Closing Date/Time: 29/08/2024 11:00

2	The tenderer shall clearly specify whether the tender is submitted on his own or on behalf of a partnership concern. If the tender is submitted on behalf of a partnership concern, he should submit the certified copy of partnership deed along with the tender and authorization to sign the tender documents on behalf of partnership firm. If these documents are not enclosed along with tender documents, the tender will be treated as having been submitted by individual signing the tender documents. The Railway will not be bound by any power of attorney granted by the tenderer or by changes in the composition of the firm made subsequent to the execution of the contract.	Yes	Yes	Allowed (Optional)
3	The bidder shall declare in the remark's column that "I am neither a Retired Railway Employee nor employed any Retired Railway Employee in my firm/company nor do not have any Retired Railway Employee as my partner/director in my firm/company" if no retired Engineer or retired Gazetted Officer is associated with the tenderer. Or If any retired Railway Employee is employed/have partnership then the Contractor shall abide by the instructions contained in the Clause No.16 of Annexure I of Part I and Clause No. 59(9) of Part II of Indian Railways Standard General Conditions of Contract, April-2022 Tenders without the information above referred to will be summarily rejected	Yes	Yes	Allowed (Mandatory)
4	The tenderer should provide EPF Registration details as per the format at Appendix-C of the tender document.	Yes	Yes	Allowed (Optional)
5	List of Personnel, Organization available on hand and proposed to be engaged for the subject work.	Yes	Yes	Allowed (Optional)
6	List of Plant & Machinery available on hand (own) and proposed to be inducted (own and hired to be given separately) for the subject work	Yes	Yes	Allowed (Optional)

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	TenderDocument-Solar-1400kWp.pdf	Tender Document
2	GeneralConditionsofContractGCC-April-2022.pdf	GCC Apr 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: VMANICKAVELAN**

**Designation : Sr.DEE/GS/PGT**