

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

**Tender No:** V\_TRD\_OT\_02\_2026-27Item2

**Closing Date/Time:** 06/07/2026 14:00

**Senior Divisional Electrical Engineer/TRD** acting for and on behalf of The President of India invites E-Tenders against Tender No **V\_TRD\_OT\_02\_2026-27Item2** Closing Date/Time 06/07/2026 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**

<b>Name of Work</b>	Trivandrum Division-Upgradation of overaged earthing systems at TSSs, SPs and SSPs and various stations		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	06/07/2026 14:00	<b>Date Time Of Uploading Tender</b>	12/06/2026 15:42
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	23864953.70	<b>Tendering Section</b>	SRDEE TRD
<b>Bidding Style</b>	Single Rate for Each Schedule Item	<b>Bidding Unit</b>	
<b>Earnest Money (Rs.)</b>	477300.00	<b>Validity of Offer ( Days)</b>	45
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	180 Days
<b>Contract Type</b>	Works - General	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	22/06/2026		
<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 ( ) A-Earthing</b>							23864953.70	
1	1	100.00	Numbers	4520.00	452000.00	AT Par	452000.00	Rs.
	<b>Description:-</b> Supply of single Earth electrode at TSS							
2	2	100.00	Numbers	1479.00	147900.00	AT Par	147900.00	Rs.
	<b>Description:-</b> Erection of single Earth electrode at TSS							
3	3	355.00	Numbers	4223.00	1499165.00	AT Par	1499165.00	Rs.
	<b>Description:-</b> Supply of single Earth electrode at SP SSP							
4	4	355.00	Numbers	1091.00	387305.00	AT Par	387305.00	Rs.
	<b>Description:-</b> Erection of single Earth electrode at SP SSP							
5	5	275.00	Numbers	4850.00	1333750.00	AT Par	1333750.00	Rs.
	<b>Description:-</b> Supply of single Earth electrode at AT and station							
6	6	275.00	Numbers	1715.00	471625.00	AT Par	471625.00	Rs.
	<b>Description:-</b> Erection of single Earth electrode at AT and station							
7	7	4125.00	Metre	254.00	1047750.00	AT Par	1047750.00	Rs.
	<b>Description:-</b> Supply of earth bus							
8	8	4125.00	Metre	120.00	495000.00	AT Par	495000.00	Rs.
	<b>Description:-</b> Erection of earth bus							
9	9	150.00	Metre	818.00	122700.00	AT Par	122700.00	Rs.
	<b>Description:-</b> Supply of Copper strip for earthing							
10	10	150.00	Metre	190.00	28500.00	AT Par	28500.00	Rs.
	<b>Description:-</b> Erection of Copper strip for earthing							
11	11	1552.00	cum	998.00	1548896.00	AT Par	1548896.00	Rs.
	<b>Description:-</b> Excavation, refilling and consolidation of trench in all kinds of soils, soft rocks							
12	12	52.00	Numbers	4089.00	212628.00	AT Par	212628.00	Rs.

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	<b>Description:-</b> Loading, unloading and leading of rail (52/60 Kg) which is approximately 13metres in length.							
13	13	3544.00	Metre	262.00	928528.00	AT Par	928528.00	Rs.
	<b>Description:-</b> Supply of earth bus (50x6 mm galvanised flat) laid exposed							
14	14	3544.00	Metre	80.00	283520.00	AT Par	283520.00	Rs.
	<b>Description:-</b> Erection of earth bus (50x6 mm galvanised flat) laid exposed							
15	15	10000.00	Metre	262.00	2620000.00	AT Par	2620000.00	Rs.
	<b>Description:-</b> Supply of earth bus (50x6 mm galvanised flat) laid in the ground							
16	16	10000.00	Metre	100.00	1000000.00	AT Par	1000000.00	Rs.
	<b>Description:-</b> Erection of earth bus (50x6 mm galvanised flat) laid in the ground							
17	17	208.00	Numbers	34.05	7082.40	AT Par	7082.40	Rs.
	<b>Description:-</b> Drilling of holes on rails							
18	18	1040.00	Metre	516.00	536640.00	AT Par	536640.00	Rs.
	<b>Description:-</b> Supply of earth system: Earth leads 75mm X 8 mm galvanised steel laid in the ground.							
19	19	1040.00	Metre	164.00	170560.00	AT Par	170560.00	Rs.
	<b>Description:-</b> Erection of earth system: Earth leads 75mm X 8 mm galvanised steel laid in the ground.							
20	20	2600.00	Metre	516.00	1341600.00	AT Par	1341600.00	Rs.
	<b>Description:-</b> Supply of earth system: Earth leads 75mm X 8 mm galvanised steel laid exposed							
21	21	2600.00	Metre	100.00	260000.00	AT Par	260000.00	Rs.
	<b>Description:-</b> Erection of earth system: Earth leads 75mm X 8 mm galvanised steel laid exposed							
22	22	1000.00	Metre	28.12	28120.00	AT Par	28120.00	Rs.
	<b>Description:-</b> Supply of earth system 8SWG GI wire for earthing							
23	23	1000.00	Metre	20.45	20450.00	AT Par	20450.00	Rs.
	<b>Description:-</b> Erection of earth system 8SWG GI wire for earthing							
24	24	1266.00	cum	1615.00	2044590.00	AT Par	2044590.00	Rs.
	<b>Description:-</b> Supply of Ballast/ Gravel in the Switch Yard							
25	25	1266.00	cum	9.60	12153.60	AT Par	12153.60	Rs.
	<b>Description:-</b> Spreading of Ballast/ Gravel in the Switch Yard							
26	26	350.00	Sqm	2100.00	735000.00	AT Par	735000.00	Rs.
	<b>Description:-</b> Supply of cable trench cover							
27	27	350.00	Sqm	507.45	177607.50	AT Par	177607.50	Rs.
	<b>Description:-</b> Erection of cable trench cover							
28	28	4000.00	Metre	380.77	1523080.00	AT Par	1523080.00	Rs.
	<b>Description:-</b> Supply of earth system 32 mm dia steel rod for earth mat							
29	29	4000.00	Metre	23.80	95200.00	AT Par	95200.00	Rs.
	<b>Description:-</b> Erection of earth system 32 mm dia steel rod for earth mat							
30	30	2000.00	Metre	240.00	480000.00	AT Par	480000.00	Rs.
	<b>Description:-</b> Dismantling of existing earth leads in various size of mild steel flat laid in exposed/ground with all accessories							
31	31	7300.00	Numbers	38.66	282218.00	AT Par	282218.00	Rs.
	<b>Description:-</b> Supply of GS blot M16x50/38 with nut and spring washer with all accessories							
32	32	7300.00	Numbers	20.94	152862.00	AT Par	152862.00	Rs.
	<b>Description:-</b> Erection of GS blot M16x50/38 with nut and spring washer with all accessories							
33	33	42300.00	Metre	19.00	803700.00	AT Par	803700.00	Rs.
	<b>Description:-</b> Erection of Earth wire.							
34	34	588.00	Each	1296.00	762048.00	AT Par	762048.00	Rs.
	<b>Description:-</b> Supply of suspension clamp for earth wire as per Drg. No.RE/33/P/7040 or latest							
35	35	588.00	Each	194.00	114072.00	AT Par	114072.00	Rs.
	<b>Description:-</b> Erection of suspension clamp for earth wire as per Drg. No.RE/33/P/7040 or latest							
36	36	168.00	Each	5078.70	853221.60	AT Par	853221.60	Rs.
	<b>Description:-</b> Supply of termination of earth wire assembly as per Drg. No.ETI/OHE/G/05201 or latest (Part No. RE/33/P/7050 &ETI/OHE/P/5020-1 or latest)							
37	37	168.00	Each	846.45	142203.60	AT Par	142203.60	Rs.
	<b>Description:-</b> Erection of termination of earth wire assembly as per Drg. No.ETI/OHE/G/05201 or latest (Part No. RE/33/P/7050 &ETI/OHE/P/5020-1 or latest)							

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38	38	416.00	Each	156.00	64896.00	AT Par	64896.00	Rs.
	<b>Description:-</b> Supply of 20mm dia of 50/60 mm long copper rivet							
39	39	416.00	Each	37.00	15392.00	AT Par	15392.00	Rs.
	<b>Description:-</b> Riveting of 75x8mm flat with buried rail.							
40	40	52.00	Each	5446.00	283192.00	AT Par	283192.00	Rs.
	<b>Description:-</b> Supply of RDSO approved high productivity fasteners (Rail contact system) for fixing of traction bonds at buried rail earthing station. one set comprises of following 1) M-12stainless steel bolt - 2 Nos. 2)M-12 stainless steel Plain & Lock Washer (Spring Steel) - 2 Nos.Each 3) M-12stainless steel nut- 2 Nos. 4) M-20 stainless steel bolt -8 Nos. 5) M-20 stainless steel Plain & Lock Washer(Spring Steel) -8 Nos. Each 6)M-20 stainless steel nut -8 Nos.							
41	41	52.00	Each	541.00	28132.00	AT Par	28132.00	Rs.
	<b>Description:-</b> Installation of RDSO approved high productivity fasteners (Rail contact system) for fixing of traction bonds at buried rail earthing station. one set comprises of following 1) M-12stainless steel bolt - 2 Nos. 2)M-12 stainless steel Plain & Lock Washer (Spring Steel) - 2 Nos.Each 3) M-12stainless steel nut- 2 Nos. 4) M-20 stainless steel bolt -8 Nos. 5) M-20 stainless steel Plain & Lock Washer(Spring Steel) -8 Nos. Each 6)M-20 stainless steel nut -8 Nos.							
42	42	416.00	Each	322.00	133952.00	AT Par	133952.00	Rs.
	<b>Description:-</b> Supply of bi metallic copper/tin bush of 20 mm inner dia of 20 mm in length suitable for placing between rivet and buried rail.							
43	43	200.00	Each	630.66	126132.00	AT Par	126132.00	Rs.
	<b>Description:-</b> Fabrication, supply & fixing of cleat arrangement for securing the various bonds (40 X 6 mm size) provided on the PFs connecting to the Rails:							
44	44	100.00	cum	915.82	91582.00	AT Par	91582.00	Rs.
	<b>Description:-</b> Demolishing concrete work							

**3. ITEM BREAKUP**

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

**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 -VI B, along with copies of Audited Balance sheet 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
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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. 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)
1.1	Defination of Similar Work :- Any Overhead Equipment (OHE)/ Power Supply Installations (PSI)/ Auxiliary Transformer (AT) work on 25kV AC Railway Traction for new line electrification or addition and alteration involving supply, erection, testing and commissioning of any Railway System in India carried out on Zonal Railways/ Construction/RE/RVNL works or Public listed Company subject to conditions in the GCC with regard to Public listed companies vide Para 10.1 of GCC April 2022.	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 <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.
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.**

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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	All the tenderers/Contractors have to deposit full earnest money and tender document cost as stipulated for the tender, through online modes as permitted in IREPS application through multiple banks net banking, debit and credit cards . All documents related to Partnership deed/Joint venture/ Consortium/ MOU, duly signed by the notary public, should be uploaded failing which offer will be summarily rejected.	Yes	Yes	Allowed (Optional)
2	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 of contract , General Instructions and conditions , explanatory notes of schedule of work and Annexures.	Yes	No	Not Allowed
3	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	Yes	No	Not Allowed
4	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	Manual submission of EMD and cost of tender form cannot be entertained/Considered and hence no need of uploading the scanned copy of financial instruments	No	No	Not Allowed
6	Whether GST registration available or not?	Yes	Yes	Allowed (Optional)
7	The contractor has to submit the EPF Code as per the EPFO Act and also has to submit a statement in this regard before signing the contract agreement.	Yes	Yes	Allowed (Optional)
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)

### General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The bidder has to fill in his quoted rate against each item in the Bid rate / Unit rate column. The bidding rate is Rs./ unit, the bidder has to quote his rate for the individual item only	No	No	Not Allowed

### Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	GST-ACT-2017: The Tendered work/service is subject to the provisions of GST Act and Rules applicable from time to time.	No	No	Not Allowed
2	Tenderers are advised to refer the latest revision in Wages,PF,ESI,Bonus etc., as available in official website of Ministry of Labour, Govt. of India, before quoting the rates.	No	No	Not Allowed

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**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	In the e-tendering process, it is mandatory that every tenderer/contractor/firm registered with www.ireps.gov.in to submit his bank details ie. Name of the Bank along with Bank branch code, Account Number, IFSC code and PAN number	No	No	Allowed (Mandatory)
2	The contractor should have a valid electrical contractor license for MV/HT of voltage equal or more than 25 kV from the concerned statutory authority of any states of India. The electrical license should be in the name of the firms or in the name of any authorized person of the tenderer's firm. It must be ensured that the validity of electrical license should be valid during the entire contract period duly renewing at appropriate time for extending validity. If the tenderer hired the electrical licensee, authorization for the same should be submitted.	Yes	Yes	Allowed (Mandatory)
3	Statement on Employment/Partnership etc. of Retired Railway Employees: 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. If the information required as per the above clause has not been furnished, contract is liable to be dealt in accordance with provision of clause 62 of Standard General Conditions of Contract. In case, no retired railway employees are associated with the firm, a statement as per the sample format at Annexure -IV of tender document, to be furnished by the tenderer.	Yes	Yes	Allowed (Mandatory)
4	The bidder has to quote the rates inclusive of GST and Power Block charges. No separate payment will be made by Railways against GST and PB charges.	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	DocumentEarthing.pdf	document
2	bg.pdf	BG format
3	jpo.pdf	JPO digging work
4	GCCACSno11.pdf	GCC Works correction slip11
5	GCC2022correctionslipNo.2.pdf	GCC Works correction slip2
6	GCC2022AprilCorrectionslip3.pdf	GCC Works correction slip3
7	GCC_April-2022_Correctionslip4.pdf	GCC Works correction slip4
8	GCC2022correctionslipNo.5.pdf	GCC Works correction slip5
9	GCC_April-2022_Correctionslip6.pdf	GCC Works correction slip6
10	GCCApril2022_1.pdf	GCC Works
11	GCC_Apr_2022_ACS-8_20-12-24.pdf	GCC Works correction slip8
12	GCC_Apr_2022_ACS-9_9-1-25.pdf	GCC Works correction slip9
13	GCCcorrectionslipNo.10.pdf	GCC works correction slip 10
14	formatofAnnexureVA.pdf	Format of Annexure VA
15	GCCApril2022Correctionslip1.pdf	GCC Works correction slip1
16	GCC_April_2022_ACS-7.pdf	GCC Works correction slip7

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:** RENJITH R

**Designation :** Sr.DEETRDTC