

**MUMBAI CST DIVISION-ELECTRICAL/CENTRAL RLY
TENDER DOCUMENT**

Tender No: BB-LD-583P-Rev-26-02-Cont

Closing Date/Time: 02/07/2026 11:00

SrDEE TRD CSTM acting for and on behalf of The President of India invites E-Tenders against Tender No **BB-LD-583P-Rev-26-02-Cont** Closing Date/Time 02/07/2026 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

Name of Work	Supply, installation, testing and commissioning of Measuring and Recording Instrumentation (MRI) on 1 No. of Tower wagon in Mumbai division.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	02/07/2026 11:00	Date Time Of Uploading Tender	10/06/2026 20:05
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	3769999.97	Tendering Section	TRD CSTM
Bidding Style	[Decision at Schedule level]	Bidding Unit	
Earnest Money (Rs.)	75400.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	6 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	18/06/2026		
Are JV allowed to bid	No	Number of JV Member Allowed	0
Are Consortium allowed to bid	No	Number of Consortium Member Allowed	0
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Revenue

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A-Schedule Items							3769999.97	Above/ Below/P ar
1	Please see Item Breakup for details.				3769999.97	AT Par	3769999.97	
	Description:- Supply, installation, commissioning and testing of AI based Measuring & Recording instrumentation (MRI) on Tower wagon for measurement on 25KV line OHE at a speed of 30 kmph 1.Height measurement (Accuracy ±20 mm) 2.Stagger measurement (Accuracy ±20 mm) 3.Mast Identification System 4.Implantation distance from the centre of the track.(Accuracy ±30 mm) 5.Crossover, turnout, horizontal gap between IR and OR 6.Gradient Descent/Ascent between two OHE mast 7. Relative Gradient Descent/Ascent 8. separate report for gradient descent greater than 2/3 mm per meter (Exception at point where cam put at time of report generation) 9.Customised report							

3. ITEM BREAKUP

Schedule	Schedule A-Schedule Items					
Item- 1	Supply, installation, commisioning and testing of AI based Measuring & Recording instrumentation (MRI) on Tower wagon for measurement on 25KV line OHE at a speed of 30 kmph 1.Height measurement (Accuracy ±20 mm) 2.Stagger measurement (Accuracy ±20 mm) 3.Mast Identification System 4.Implantation distance from the centre of the track.(Accuracy ±30 mm) 5.Crossover, turnout, horizontal gap between IR and OR 6.Gradient Descent/Ascent between two OHE mast 7. Relative Gradient Descent/Ascent 8. separate report for gradient descent greater than 2/3 mm per meter (Exception at point where cam put at time of report generation) 9.Customised report					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	AI-based OHE Software (License + Analytics)	Numbers	1.00	942500.00	942500.00
2	2	Industrial Fixed Processing Unit (Rugged)	Numbers	1.00	559524.65	559524.65
3	3	Dual Antenna GPS (10 Hz, Industrial)	Numbers	1.00	29876.72	29876.72

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4	4	4 High-Resolution Industrial Cameras (Pantograph, Diameter)	Numbers	1.00	652778.76	652778.76
5	5	Laser Diode Emitter x2	Numbers	1.00	746032.88	746032.88
6	6	Mounting Fixtures, Enclosures & Accessories	Numbers	1.00	186508.21	186508.21
7	7	Installation, Commissioning & Training (1 Lot)	Numbers	1.00	279762.33	279762.33
8	8	AMC Support (5 Year after warranty period is over)	Numbers	1.00	186508.21	186508.21
9	9	Stabilization Sensor Suite (IMU + Vibration + Damping)x6	Numbers	1.00	186508.21	186508.21
					Total	3769999.97

4. ELIGIBILITY CONDITIONS

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer should have successfully designed, developed, supplied and commissioned similar type of measurement/monitoring system in any Railway, Government Department, PSU, Metro Railway. The supplied system should have been in satisfactory operation for a minimum period of one (01) year, and the tenderer shall submit documentary evidence along with performance certificate/performance report and Purchase orders accompanied by CRN issued by the user organization confirming satisfactory performance of the system. OR The vendors who have developed similar system and conducted successful field trials meeting required technical Specification enclosed as Annexure A. The tenderer shall submit field trial/test reports, field validation reports along with the offer.	No	No	Allowed (Mandatory)
2	4.3 ELECTRICAL CONTRACTORS LICENSE:- The contractor shall fulfill valid Electrical Contractor License requirement as per IE Rule 1956 clause no-45. Electrical Contractors license shall be submitted along with the offer, failing which the offer will be summarily be rejected.	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.
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)

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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

Check Lst

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	CHECK LIST FOR DOCUMENTS TO BE SUBMITTED BY THE TENDERER ALONG WITH THE TENDER. TENDERS WITHOUT THESE DOCUMENTS WILL BE SUMMARILY REJECTED	No	No	Not Allowed
2	GST Registration Certificate	No	No	Not Allowed
3	BID SECURITY as per clause 6 of Preamble of this Tender Document. (As per Clause No 5 of uploaded GCC April 2022 and advance correction slip No5	No	No	Not Allowed
4	Certificate as per Annexure-V (2 pages) of this Tender Document. (As per Annexure-V of GCC April 2022 advance correction slip No1, 2,3 and 4). Certificate as per Annexure V (A) of this tender document if applicable shall also be submitted (As per annexure V (A) of advance correction slip No2 of GCC April 2022)	No	No	Not Allowed
5	The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Registered Society / Registered Trust / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. The tenderer(s) shall enclose the attested copies of the constitution of their concern as applicable mentioned below:	No	No	Not Allowed
6	Sole Proprietor - An undertaking on suitable stamp paper to this effect clearly mentioning PAN number.	No	No	Not Allowed
7	HUF: (i) A copy of notarized affidavit on Stamp Paper declaring that he who is submitting the tender on behalf of HUF is in the position of 'Karta' of Hindu Undivided Family (HUF) and he has the authority, power and consent given by other members to act on behalf of HUF.	No	No	Not Allowed
8	Participation of Partnership Firms in works tenders: (i) A notarized copy of the Partnership Deed or a copy of the Partnership deed registered with the Registrar. (ii) A notarized or registered copy of Power of Attorney in favour of the individual to tender for the work, sign the agreement etc. and create liability against the firm. (iii) An undertaking by all partners of the partnership firm that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP in which they were / are partners/members. Any Concealment / wrong information in regard to above shall make the bid ineligible or the contract shall be determined under Clause 62 of the Standard General Conditions of Contract.	No	No	Not Allowed
9	Company registered under Companies Act 2013 (i) The copies of MOA (Memorandum of Association) / AOA (Articles of Association) of the company. (ii) A copy of Certificate of Incorporation (iii) A copy of Authorization/Power of Attorney issued by the Company (backed by the resolution of Board of Directors) in favour of the individual to sign the tender on behalf of the company and create liability against the company.	No	No	Not Allowed

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10	LLP (Limited Liability Partnership): If the tender is submitted on behalf of a LLP registered under LLP Act-2008, the tenderer shall submit along with the tender: (i) A copy of LLP Agreement (ii) A copy of Certificate of Incorporation (iii) A copy of Power of Attorney/Authorization issued by the LLP in favour of the individual to sign the tender on behalf of the LLP and create liability against the LLP (iv) An undertaking by all partners of the LLP that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP or JV in which they were / are partners/members. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the Standard General Conditions of Contract.	No	No	Not Allowed
11	Registered Society & Registered Trust: (i) A copy of the Certificate of Registration (ii) A copy of Memorandum of Association of Society/Trust Deed (iii) A copy of Power of Attorney in favour of the individual to sign the tender documents and create liability against the Society/Trust. (iv) A copy of Rules & Regulations of the Society.	No	No	Not Allowed
12	Valid Electrical Contractor License as per Clause 4.3 of Preamble of this tender document.	No	No	Not Allowed
13	Documents as per Technical Eligibility Criteria as per clause 4.1 of Preamble of this tender document.	No	No	Not Allowed
14	The above mentioned documents are mandatory and are to be submitted along with the tender. Tenders without these documents will be summarily rejected.	No	No	Not Allowed

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The quoted rates shall be inclusive of all taxes, duties, freight and other incidental charges including GST.	No	No	Allowed (Optional)
2	The Bid Security shall be deposited either in cash through e payment 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 (Optional)
3	(3)In case, submission of Bid Security in the form of Bank Guarantee, following shall be ensured: i. A scanned copy of the Bank Guarantee shall be uploaded on e-Procurement Portal (IREPS) while applying to the tender. ii. The original Bank Guarantee should be delivered in person to the official nominated as indicated in the tender document before closing date for submission of bids (i.e. excluding the last date of submission of bids). iii. Non submission of scanned copy of Bank Guarantee with the bid on e-tendering portal (IREPS) and/or non submission of original Bank Guarantee within the specified period shall lead to summary rejection of bid. iv. The Tender Security shall remain valid for a period of 90 days beyond the validity period for the Tender. v. The details of the BG, physically submitted should match with the details available in the scanned copy and the data entered during bid submission time, failing which the bid will be rejected vi. The Bank Guarantee shall be placed in an envelope, which shall be sealed. The envelope shall clearly bear the identification "Bid for the ***** Project" and shall clearly indicate the name and address of the Bidder. In addition, the Bid Due Date should be indicated on the right hand top corner of the envelope. vii. The envelope shall be addressed to the officer and address as mentioned in the tender document. viii. If the envelope is not sealed and marked as instructed above, the Authority assumes no responsibility for the misplacement or premature opening of the contents of the Bid submitted and consequent losses, if any, suffered by the Bidder.	No	No	Allowed (Optional)

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4	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)
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General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Standard General Conditions of Contract April 2022 corrected upto date of the closing of tender is part of the tender document and applicable.	No	No	Not Allowed
2	7D. Permission to Bid for a bidder from a country which shares Land boundary with India: Any bidder from the countries sharing a land border with India will be eligible to bid in any procurement of works (including turnkey projects) only if the bidder is registered with the Competent Authority. The Competent Authority for registration will be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT), Government of India. For interpretation of this para, Department of Expenditure, Ministry of Finance, Government of India letter F.No.6/18/2019-PPD dated 23/07/2020 shall be referred.	No	No	Not Allowed
3	7E. Clarification of Bids: To assist in the examination, evaluation & comparison and pre-qualification of the Tender, the Railway may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by the Railway shall not be entertained or considered. The Railway request for clarification and the response of the bidder in this regard shall be in writing. However, if a Bidder does not provide clarification of its bid by the date and time communicated in the Railway request for clarification, the bid shall be evaluated as per the documents submitted along with the bid.	No	No	Not Allowed

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed
2	I have read the entire Tender document, Tender check list, GCC April 2022 and GCC correction slip No 1 to 11	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	GCCworksApril2022.pdf	GCC WORKS
2	TB2602MRIfinal1.pdf	Tender document
3	checklist.pdf	checklist
4	corrslip1to10.pdf	GCC ACS

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: DEEPANSHU SINGH

Designation : Sr.DEETRD CSTM