

**AJMER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 89-2026

Closing Date/Time: 06/07/2026 15:00

Sr.DEN/C acting for and on behalf of The President of India invites E-Tenders against Tender No **89-2026** Closing Date/Time 06/07/2026 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	Manufacturing Supply and field trial of equipment/system for measurement/ determination of stress-free temperature of LWR/CWR non-destructively based upon the Barkhausen noise principle without need of traffic block in Ajmer Divison.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	06/07/2026 15:00	Date Time Of Uploading Tender	12/06/2026 18:01
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	10584600.00	Tendering Section	DENCENTRAL
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	211700.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	12 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	22/06/2026		
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	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A-NS ITEMS							10584600.00	
1	Please see Item Breakup for details.				10584600.00	AT Par	10584600.00	
	Description:- NS ITEMS							

3. ITEM BREAKUP

Schedule	Schedule A-NS ITEMS					
Item- 1	NS ITEMS					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Manufacturing, Supply & Field trial of Equipment/System for measurement /determination of Stress-Free Temperature of LWR/CWR Non-Destructively based upon the Barkhuizen Noise principle without need of traffic block.	Set	1.00	9109600.00	9109600.00
2	2	The operation charges for 01 month including supply of manpower for operation of equipment, training to railway staff to operate the machine/ equipment's and analyze the data and submission of report etc. All services are provided by the supplier.	Per Month	1.00	1475000.00	1475000.00
					Total	10584600.00

4. ELIGIBILITY CONDITIONS

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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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)
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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.(b) (1)In case of tenders for composite works (e.g. works involving more than one distinct component, such as Civil Engineering works, S&T works, Electrical works, OHE works etc. and in the case of major bridges - substructure, superstructure etc.), 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 each component of tender, or(ii)Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or(iii)One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender.Note for b(1): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components.(b) (2)In such cases, what constitutes a component in a composite work shall be clearly pre-defined with estimated tender cost of it, as part of the tender documents without any ambiguity.(b)(3)To evaluate the technical eligibility of tenderer, only components of work as stipulated in tender documents for evaluation of technical eligibility, shall be considered. The scope of work covered in other remaining components shall be either executed by tenderer himself if he has work experience as mentioned in clause 7 of the Standard General Conditions of Contract or through subcontractor fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract or jointly i.e., partly himself and remaining through subcontractor, with prior approval of Chief Engineer in writing	No	No	Allowed (Mandatory)

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1.1	However, if required in tender documents by way of Special Conditions, a formal agreement duly notarised, legally enforceable in the court of law, shall be executed by the main contractor with the subcontractor for the component(s) of work proposed to be executed by the subcontractor(s), and shall be submitted along with the offer for considering subletting of that scope of work towards fulfilment of technical eligibility. Such subcontractor must fulfill technical eligibility criteria as follows: The subcontractor shall have successfully completed at least one work similar to work proposed for subcontract, costing not less than 35% value of work to be subletted, in last 5 years, ending last day of month previous to the one in which tender is invited through a works contract. Note: for subletting of work costing up to Rs 50 lakh, no previous work experience of subcontractor shall be asked for by the Railway In case after award of contract or during execution of work it becomes necessary for contractor to change subcontractor, the same shall be done with subcontractor(s) fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract, with prior approval of Chief Engineer in writing. Note for Item 10.1: 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)
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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)

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

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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

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)

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Any firm recognized by Department of Industrial Policy and Promotion (DIPP) as STARTUPS shall be exempted from payment of Bid Security deposit detailed above on submission of Registration Certificate issued by appropriate authority.	No	No	Not Allowed
2	It shall not be obligatory on the said authority to accept the lowest tender and no tenderer/tenderers shall demand any explanation for the cause of rejection of his/their tender.	No	No	Not Allowed
3	If the tenderers deliberately gives/give wrong information in his/their tender or creates/create circumstances for the acceptance of his/their tender, the Railway reserves the right to reject such tender at any stage.	No	No	Not Allowed
4	If the tenderer/s expires after the submission of his/their tender or after the acceptance of his tender, the Rly. shall deem such tender as cancelled. If a partner of a firm expires after the submission of their tender or after the acceptance of their tender, the Railway shall deem such tender as cancelled unless the firm retains its character.	No	No	Not Allowed
5	The Bid Security should be paid through online payment. In case the tenderer withdraw his offer within the validity period of his offer or fails to undertake the contract after acceptance of his tender the full Bid Security shall be forfeited. If the tender is accepted the amount of Bid Security will be retained and adjusted as security deposit for the due and faithful fulfillment of the contract. The Bid Security of the unsuccessful tenderers shall save as here-in-before provided be returned to the unsuccessful tenderers within a reasonable time but the Railway shall not be responsible for any loss or depreciation that may happen to the security for the due performance of the stipulation to keep the offer open for the period specified in the tender documents or to the Bid Security while in their possession nor be liable to pay interest thereon.	No	No	Not Allowed
6	The tenderers shall keep the offer open for a minimum period as mentioned in NIT from the date of opening of the tender, within which period the tenderers can not withdraw their offer, subject to the period being extended further if required, by mutual agreement from time to time. Any intervention of the above condition will make the tenderer liable for forfeiture of his security deposit for due performance of the foregoing stipulation.	No	No	Not Allowed

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7	If it is not mentioned in the submitted tender that tender is being submitted on behalf of a Sole Proprietorship firm / Partnership firm / Joint Venture / Registered Company etc., then the tender shall be treated as having been submitted by the individual who has signed the tender. The tenderer whether sole proprietor / a company or a partnership firm / registered society / registered trust / HUF / LLP etc. if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, specifically authorizing him/them to sign the tender, submit the tender and further to deal with the Tender/Contract up to the stage of signing the agreement except in the case where such specific person is authorized for above purposes through a provision made in the partnership deed / Memorandum of Understanding / Article of Association / Board resolution, failing which tender shall be summarily rejected. A separate power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he / they be partner(s) of the firm or any other person, shall be submitted after award of work, specifically authorizing him / them to deal with all other contractual activities subsequent to signing of agreement, if required. NOTE : A Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by Bidders from countries that have signed and Hague Legislation Convention 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Apostille certificate.	No	No	Not Allowed
8	Non-compliance with any of the conditions set forth therein above is liable to result in the tender being rejected.	No	No	Not Allowed
9	The quantities shown in above Schedule are approximate and are as a guide to give the tenderer(s) an idea of quantum of work involved. The Railway reserves the right to increase/decrease and/or delete or include any of the quantities given above and no extra rate will be allowed on this account.	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	All the bidders/tenders should ensure that they are GST compliant and their quoted tax structure/rates are as per GST Law.	No	No	Not Allowed

Technical-Compliances

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1	<p>1.0 SCOPE: 1.1 Indian Railway is a large network comprising majority of track on Broad Gauge. Broad Gauge (1676mm) track mostly comprises of UIC 60kg/IRS 52kg long/continuously welded rails laid on pre-stressed mono-block concrete sleepers on stone crushed ballast bed. The measurement/determination of stress free temperature is considered essential for taking preventive action against Rail Breaks and Track buckling. 1.2 This specification covers the description, function and performance parameters of equipment/system for measurement/determination of stress free temperature of Long/Continuous Welded Rails. The equipment/system must be able to measure/determine stress free temperature Non-Destructively without traffic block or with traffic block not exceeding 45 min with an accuracy of plus minus 3 degree C under different environmental and traffic conditions on Indian Railways. In case, opening of fittings/fastenings is required then it would not involve any destruction to rail or any other components of track. The equipment/system is required to measure/determine stress free temperature in LWR/CWR for taking maintenance decisions to ensure safety. 1.3 Manufacturer/supplier shall supply the complete equipment/system along with source of power as per requirement and execute the work of measurement/determination of stress free temperature of LWR/CWR and further analysis for taking maintenance decisions for a period of one year which will cover all seasons of the year or 500 kilometers whichever is more and to provide training to sufficient number of Indian Railway officials to make them competent to operate the equipment/system thereafter.</p>	Yes	Yes	Allowed (Optional)
2	<p>2.0 DEVIATIONS: The manufacturer/supplier shall furnish compliance or deviations, if any, for each clause and sub clause of the specifications along with technical explanations/details. The manufacturer/supplier shall also furnish technical and financial implications of the deviations, if any.</p>	Yes	Yes	Allowed (Optional)
3	<p>3.0 FUNCTIONS: The equipment/system should be able to measure/determine stress free temperature in digital forms and recording in reproducible electronic forms for taking maintenance decisions.</p>	Yes	Yes	Allowed (Optional)
4	<p>4.0 SERVICE CONDITIONS : 4.1 Equipment/system should be able to work satisfactorily under following service conditions: i)Ambient temperature:0 degree C to 50 degree C ii)Rail temperature: (-) 5 degree C to (+) 60 degree C iii)Humidity: 100% iv)Rain fall: Fairly heavy v)Atmospheric condition: Very dusty and heavy fog vi)Electrified traction: Overhead electric (25KV AC or 1500 V DC) vii)Permissible rail wear: As per Para 4.3. The equipment should not get affected by induction effect of electric traction and signaling system and should not interfere with Indian Railways' signaling system. 4.2 On Indian Railways network, the electrified traction consists of over head electric system of either 25000V AC or 1500V DC with residual return current passing through one of the rails in the track. The voltage for track circuits for signaling purpose is up to 12 Volts and the corresponding current up to 1 Amp passes through the other rail. The equipment/system and its accuracy of measurement shall not get affected in any manner due to induction or any other effect of above stated electric traction and signaling systems. 4.3 The Broad gauge track on Indian Railways is laid with 60 Kg (UIC)/IRS 52 Kg rails welded into Long/Continuously welded Rails. The in-service wear of Rails permitted is laid down in Indian Railway Permanent Way Manual (IRPWM). The permissible wear on Rail as stipulated in Para 702 (1) (b) of IRPWM, June-2020 is reproduced as under: Vertical Rail Wear Gauge Rail Section Vertical Wear B.G.60 Kg/metre -13.00 mm 52 Kg/metre 8.00 mm Lateral Rail wear Section - Curve, Gauge - BG, Group A & B Routes -8 mm and Group C & D Routes 10 mm . Section - Straight, - Gauge - BG, Group A & B Routes 6 mm and Group C & D Routes 8 mm . The equipment/system and its accuracy of measurement shall not get affected in any manner on Rail with wear up to limits indicated above.</p>	Yes	Yes	Allowed (Optional)

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5	<p>5.0 ELIGIBILITY CRITERIA : (i)The firm shall be manufacturer of portable equipment/system for non-destructive measurement/determination of stress free temperature. (ii)The firm should offer proven technology, with equipments/system supplied by the firm and working satisfactorily in any reputed Railway system of the world. Certificates in this regard from relevant Railway system shall be furnished. (iii)The firm shall possess sound technical and R&D credentials. (iv)The firm shall possess necessary infrastructure namely manpower, machinery for undertaking execution of work of measurement/determination of stress free temperature and further analysis for taking maintenance decisions for a period of one year which will cover all seasons of the year or 500 kilometers whichever is more and provide training to sufficient nos. of Indian Railway officials as per Para 11 of this specification. Firms shall submit documents in support of fulfillment of above mentioned eligibility criteria along with tender offer. (v)The firms shall submit documents in support of turnover for last five years.</p>	Yes	Yes	Allowed (Mandatory)
6	<p>6.0 SYSTEM DESCRIPTION AND PERFORMANCE PARAMETERS : 6.1 The equipment/system must be a proven system and should be functional in all climatic conditions prevailing in India. Performance certificate for satisfactory working of the system/equipment in any reputed railways systems of world shall be furnished. 6.2 The equipment/system should be able to measure/determine stress free temperature nondestructively without traffic block or with traffic block not exceeding 45 min. In case, opening of fittings/fastenings is required then it would not involve any destruction to rail or any other components of track. 6.3 The equipment/system should be able to measure/determine stress free temperature in degree Centigrade on screen in digital form and should provide relevant record in reproducible electronic form giving details of location, rail temperature for further analysis and reporting. 6.4 Data Analysis and Data Reduction should be performed automatically. 6.5 The equipment/system shall be portable and along with the source of power it should be able to be carried on manually operated trolley, which could be taken off track to the safe distance on train being sighted or should be able to be carried in selfpropelled rail car/mounted on locomotive. Total weight of the equipment/system along with source of power/batteries shall be furnished by the firm. 6.6 The trolley mounted equipment/system should be able to be taken off the track manually on train being sighted and should be able to start quickly for continuing measurements on trolley being mounted on track after passage of train. Switching off and switching on time should be about a minute. Manually operated trolley suitable for working on Indian Railways shall be provided by the firm for execution of work. 6.7 The recording trolley/car/locomotive should not influence the measuring results. 6.8 The measuring system should be compatible with rails carrying return currents and track circuits currents. 6.9 The equipment /system should be capable of taking measurement/determination of stress free temperature with permissible rail wear as per Indian Railway Permanent Way Manual (IRPWM) as amended time to time and curved track up to 5 Degree curvature. 6.10 The equipment/system should be suitable for use on rails of all grades mentioned in Specification for Flat Bottom Rails (IRS-T-12: 2009 with latest amendment).</p>	Yes	Yes	Allowed (Mandatory)

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6.1	6.11The equipment/system shall be battery/generator operated. .1If equipment/system is battery operated, rechargeable battery should have sufficient capacity to be able to work for 16 hrs. continuously without need for recharging and charging time should be about 4-6 hrs. with 220V 50Hz supply. Also, built in type of separate battery charger shall be provided. Automatic cut off for battery charger and battery shall be provided to protect the battery from overcharging. Also, automatic cut off switch to be provided to protect against deep discharging of battery below the workable voltage. .2If equipment/system is generator operated, generator should be able to produce the power which is compatible to the requirement of equipment/system. 6.12The system should be able to compare the computed Stress Free Temperature (SFT) with the original installed value/de-stressing temperature (td). 6.13 It should be able to give absolute and accurate values within a tolerance of (pluse minus 3 Degree C). 6.14The equipment should be sufficiently robust and weather proof to withstand the normal track and vehicle environment. 6.15The equipment must be inherently stable. 6.16The system should be insensitive to temperature changes.	Yes	Yes	Allowed (Optional)
7	7.0 TESTS FOR EQUIPMENTS FOR ROUBUSTNESS AND TROPICALISATION: 7.1 BUMP TEST :- In packed condition the equipment should be able withstand 40g, 4000 bumps. 7.2 RESITANT TO VIBRATION :- The unit should be able to give normal performance after being subjected to 1g, 10 to 100 Hz vibration for 30 minutes. 7.3 TROPICALISATION & HUMIDITY TEST :- The equipment should be tropicalised to suit Indian climatic conditions for damp cycle test as per IS 9000 Part 5 (Sec. 1 & 2):1981. The equipment shall be properly packed to prevent corrosion and damages during transit. Individual units of the equipment/system should have been subjected and passed the bump, resistance to vibration and tropicalisation & humidity tests.	Yes	Yes	Allowed (Optional)
8	8.0 DETAILS TO BE PROVIDED BY MANUFACTURER: Apart from clause wise compliance to Performance Parameters indicated in Para 6 above, the following details shall be submitted by manufacturer: .1 Working principle of the equipment/system. .2 Detailed description, function and weight of each unit of the equipment/system. .3 Technical literature, drawing and specification of each unit of the equipment along with details of relevant codes, if applicable. .4 Method of calibration of equipment and detailed methodology for validation of the equipment/system .5 Inspection and test Plan of equipment. The offered equipment will be evaluated keeping above in view. The Inspection and test plan as decided based on information provided by manufacturer will be applicable for inspection of equipment.	Yes	Yes	Allowed (Mandatory)
9	9.0 INSPECTION :- .1 The inspection of equipment/system for measurement/determination of stress free temperature of LWR/CWR shall be carried out by RDSO at manufactures or his Indian agent premises in India. The equipment/system shall be inspected for supply as per inspection and test Plan finalized after evaluation of offer indicated in Para 8.0 above. The validation of equipment will be done against the stipulations of this specification as per the methodology submitted by the firm and approved by RDSO. .2 The Main Acceptance criteria for finalization of Inspection and test Plan will be as under: (a)The equipment/system should be able to measure/determine stress free temperature non-destructively without traffic block or with traffic block not exceeding 45 min. In case, opening of fittings/fastenings is required then it would not involve any destruction to rail or any other components of track. (b)It should be able to give absolute and accurate values within a tolerance of (plus minus 3 Degree C). (c)It should satisfactorily meet the requirements of tests as per Para 7.	Yes	Yes	Allowed (Optional)

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10	10.0 COMMISSIONING OF EQUIPMENT: The equipment on supply after inspection will be commissioned in India. The equipment will be deployed for measurement/determination of stress free temperature on two CWRs located at different locations. These CWR will either be newly laid or de-stressed in order to have known values of Stress free temperature. The measured stress free temperature values should be within a tolerance of (plus minus 3 degree C) of known values. The required De-stressing will be done by Railways with its own resources.	Yes	Yes	Not Allowed
11	11.0 TRAINING: 11.1 The Manufacturer/supplier shall clearly specify the requirement of training to Indian Railway officials indicating Training need at "Manufacture's works/locations where similar equipments are already working and "ON the site Training " 11.2 The Manufacturer/supplier should provide training to eight (08) officials of Indian Railways for two weeks in calibration, operation, installation, troubleshooting, repair and maintenance on the equipment/system to be supplied to Indian Railways. This Training shall be completed before installation/commissioning of system in the field at suitable time mutually agreed by RDSO and the firm. 11.3 Training notes and training material shall be provided to each trainee before commencement of training. 11.4 The charges for providing training shall be quoted by the manufacturer/supplier on man days basis and payment for the training shall be based on actual training period. The cost of traveling, boarding and lodging during the training for the officials will be borne by the Indian Railways. 11.5 In case any training is required abroad, the same should be specifically mentioned giving details.	Yes	Yes	Allowed (Optional)
12	12.0 MEASUREMENT / DETERMINATION OF STRESS FREE TEMPERATURE: For measurement/determination of Stress Free Temperature, the length of LWR/CWR will be taken as linear length for Track Km. and measurements will have to done particularly in following manner: .1 At a particular location of the LWR/CWR track, measurement shall be taken on both left and right rails opposite to each other. .2 In a particular LWR/CWR, measurements shall be taken at following locations- a) At Switch Expansion Joints (SEJs)/ on the normal rail section at the end of SEJ b) At the centre of breathing lengths c) At the end of breathing lengths d) At the centre of central portion of LWR/CWR e) At every 1 km distance in the non-breathing length of LWR/CWR subjected to minimum two locations (excluding locations covered by (c) & (d) above).	Yes	Yes	Allowed (Optional)
13	13.0 DOCUMENTATION :- 13.1 Documentation of the equipment/system for measurement/determination of stress free temperature of LWR/CWR should be supplied with equipment/system comprising of details of diagram, electrical and electronic designs with descriptions, component materials/part number, equivalent international part number, component specification etc. along with explanatory notes and comments wherever necessary. 13.2 The manuals should be prepared in detail to the satisfaction of purchaser and supplied in six copies each with the equipment/system. 13.3 Following Manuals shall be supplied with Equipment/ System: i. Calibration & Operating Manual ii. Maintenance Manual iii. Service Manual iv. Parts Manual.	Yes	Yes	Allowed (Mandatory)

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14	14.0 SPARE PARTS: 14.1 Expected life of components should be listed along with their condemning limits. The component should be detailed in a separate list indicating description, part number, quantity and whether imported or indigenous. 14.2 The manufacturer/supplier should furnish list of components/spare parts which are expected to be required for trouble free operation and maintenance of the system for a period of 03 years after the warranty period indicating their description, part number, equivalent international part number, quantity and price. The price so quoted shall be valid for at least two years after the expiry of warranty period. The purchaser reserves the right to purchase these spares along with system and/or after expiry of warranty period. The manufacturer/supplier shall also guarantee availability of all required spare components to ensure trouble free service for at least ten years after warranty. For parts to be procured from the market, imported or indigenous, the sources and details should be provided.	Yes	Yes	Allowed (Mandatory)
15	15.0 TOOLS: All tools including measuring equipments required for diagnostics/fault finding and normal maintenance/repair should be supplied with the equipment as a complete kit. The list of such tools and equipments proposed to be supplied with system should be furnished as a part of maintenance/repair manual.	Yes	Yes	Allowed (Mandatory)
16	16.0 WARRANTY: 16.1 The manufacturer/supplier should ensure that system supplied including all parts, components etc. used are free from manufacturing defects and faults in design, material, workmanship and should be of the highest quality and in conformity with the contract specifications. 16.2 The warranty shall expire after 24 (twenty four) months from the date of issue of commissioning certificate which shall be issued by RDSO/Lucknow after satisfactory commissioning of the equipment for execution of work as per Para 10 above. 16.3 Any part of the equipment/system for measurement/determination of stress free temperature of LWR/CWR unit failing or proving unsatisfactory in service due to defective design, material or workmanship within warranty period shall be replaced by the manufacturer/supplier at his own expense. In the event of immobilization of equipment/system for measurement/determination of stress free temperature of LWR/CWR owing to defect in design, material or workmanship, this warranty period shall be extended for the duration of the said period of immobilization. Further, should any design modification be made in any part of the equipment offered, the period of 24 months would commence from the date of modified part is commissioned in service. The cost of such modification shall be borne by the manufacturer/supplier.	Yes	Yes	Allowed (Mandatory)
17	17.0 SERVICE ENGINEERS: The manufacturer/supplier should provide at his own expense the services of competent engineers during the warranty period for any manufacturing and design defects. Service engineers should be available for installation and commissioning of equipment/system for measurement/determination of stress free temperature of LWR/CWR for regular service for imparting instructions in operation, repair and maintenance. They should also advise the railways on appropriate maintenance tests in operating, repair and staff training facility.	Yes	Yes	Allowed (Optional)
18	18.0 ANNUAL MAINTENANCE CONTRACT (AMC) Annual Maintenance Contract (AMC) for a period of minimum three years after completion of warranty period will be applicable. Manufacturer/supplier will quote the cost of this AMC separately. However, Cost of AMC for next five years commencing after expiry of above mentioned 03 year AMC should also be offered separately. The AMC will be without spares. Cost of spares and other details will be applicable as per Para 14.0.	Yes	Yes	Allowed (Mandatory)
19	19.0 CARRYING BAGS All the individual units of equipment shall be provided with carrying bags preferably leather or suitable moisture free bags. Adequate arrangement shall be there to protect the screen if any against mechanical damage. The bag shall also be provided with the shoulder strap.	Yes	Yes	Not Allowed

**AJMER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 89-2026

Closing Date/Time: 06/07/2026 15:00

20	The tenderer should go through the technical specification of equipment / system for measurement / Determination of stress free temperature of LWR/CWR of March 2025 issued by RDSO attached with tender document (Street free temperature-RDSO march- 2025.pdf).The Tenderer should submit the required document as per above specification. The offers submitted without compliance above will not be accepted.	Yes	Yes	Allowed (Optional)
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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

Custom

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	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 opening of bids, either in their individual capacity or in any firm in which they were / are partners. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract.	Yes	Yes	Allowed (Mandatory)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	TenderForm89-2026.pdf	Tender form
2	RateProforma.pdf	Rate Performa
3	GCC-2022-ACS10_compressed.pdf	GCC 2022
4	ACS11_compressed.pdf	ACS 11
5	StressfreetemperatureforLWR1.pdf	Stress free temperature for LWR1

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: ANSHUL BHARTI

Designation : DEN/Central