

**DELHI DIVISION-ELECTRICAL/NORTHERN RLY
TENDER DOCUMENT**

Tender No: 30-Elect-1T-Chg-2026-27

Closing Date/Time: 03/07/2026 15:00

Sr.DEE/CHG acting for and on behalf of The President of India invites E-Tenders against Tender No **30-Elect-1T-Chg-2026-27** Closing Date/Time 03/07/2026 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	Annual Maintenance Contract (AMC) of 10 KVA inverters of Hi-rel make fitted in Inspection Carriage of Delhi Division for three years.		
Bidding type	Normal Tender		
Tender Type	Single	Bidding System	Single Packet System
Tender Closing Date Time	03/07/2026 15:00	Date Time Of Uploading Tender	11/06/2026 20:59
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	2799650.16	Tendering Section	ELECT CHG
Bidding Style	Single Rate for Each Schedule Item	Bidding Unit	
Earnest Money (Rs.)	56000.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	36 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	19/06/2026		
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 () 1-A-Annual Maintenance Contract (AMC) of 10 KVA inverters of Hi-rel make fitted in Inspection Carriage of Delhi Division. Note: Number should be read as Inverter-month							2799650.16	
1	1	828.00	Numbers	3381.22	2799650.16	AT Par	2799650.16	Above/ Below/Par
Description:- AMC of 10 KVA inverters (make : Hi-Rel) fitted in Inspection Carriages as per scope of work Note: (i) 23 nos inverter for 36 month = 23x 36 = 828. (ii) Unit- Number should be read as Inverter-Month								

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The firm quoting the tenderer must be OEM or authorised dealer of M/s Hirel make 10kVA inverter confirming to ICF specification no. ICF/ELEC/909 Rev.A or latest or As per ICF latest MASTER LIST OF VENDORS FOR ELECTRICAL ITEMS Master List no. ICF/ELEC/I-2 version-10 or latest.	No	No	Allowed (Mandatory)
2	The Contractor shall be submit bid along with valid Electrical Contractors license issued by any state government in his own name, it should be as per IE Rule 1956 clause no-45, failing which the offer will summarily be rejected.	No	No	Allowed (Mandatory)

**DELHI DIVISION-ELECTRICAL/NORTHERN RLY
TENDER DOCUMENT**

Tender No: 30-Elect-1T-Chg-2026-27

Closing Date/Time: 03/07/2026 15:00

3	All staff deployed by the contractor shall strictly comply with all applicable safety regulations, electrical safety rules, labour laws and other statutory regulations in force.	No	No	Allowed (Mandatory)
---	---	----	----	---------------------

Standard 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.	No	No	Allowed (Mandatory)
1.1	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)

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.

**DELHI DIVISION-ELECTRICAL/NORTHERN RLY
TENDER DOCUMENT**

Tender No: 30-Elect-1T-Chg-2026-27

Closing Date/Time: 03/07/2026 15:00

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)
2	Firm should upload photocopy of PAN card	No	No	Allowed (Mandatory)

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please ensure that all documents required under (Special condition of contract) must be submitted positively in original.If not in original duly attested by Gazetted officer to be furnished.	No	No	Not Allowed
2	Ambiguous and incomplete offer is likely to be summarily rejected.	No	No	Not Allowed
3	No post tender correspondence for submission of additional documents shall be entertained after opening of the Tender, Even sou-moto post tender letters of the tenders shall be treated as null & void. The tenderer may, therefore, ensure that all requisite documents are submitted in the prescribed format.	No	No	Not Allowed
4	Bidders should quote the rate inclusive of all taxes & duties with GST as applicable.	No	No	Not Allowed
5	Offer shall be kept open for 60 days (Sixty days).	No	No	Not Allowed
6	The quantities shown in Schedule are approximate. The Railway reserve the right to increase/ decrease and / or delete or include any of the quantities given in schedule 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	Completion period: Overall completion period of the work shall be 3 years. Inspection Carriage will be handed over to contractor for preventive maintenance in phased manner as per Railways requirement and firm will not demand all/more coach at one time.	No	No	Not Allowed
2	The firm quoting the tenderer must be OEM or authorised dealer of M/s Hirel make 10kVA inverter confirming to ICF specification no. ICF/ELEC/909 Rev.A or latest as per ICF latest MASTER LIST OF VENDORS FOR ELECTRICAL ITEMS Master list no. ICF/ELECT/I-2 version - 10 or latest.	No	No	Not Allowed
3	Contractor's staff should be regular employ of the firm.	No	No	Not Allowed

**DELHI DIVISION-ELECTRICAL/NORTHERN RLY
TENDER DOCUMENT**

Tender No: 30-Elect-1T-Chg-2026-27

Closing Date/Time: 03/07/2026 15:00

4	Identity card / Entry Permit: Plastic type Identity cards issued by the contractor at his own cost carrying a passport size photograph of the staff, name, father's name, their signature, ID Card Sr. No., present residential address with permanent address of staff along with their phone No. or/ and mobile No., blood group, Aadhaar no. etc. The identity cards so prepared shall be submitted to the concerned Depot Incharge for authorization by the Railway Administration (Proforma P-1 enclosed). The concerned Depot Officers shall inform RPF/Police authorities regarding the contractor's employee deputed to work inside the complex as per the said Bio-Data. Only those employees, having and wearing valid identity cards, details of whom have been submitted to the concern Depot Officer will be allowed to work inside the depot complex/ train/ station.	No	No	Not Allowed
5	Railway Passes and Accommodation: Railway passes or concession tickets for his/her/their workers and material shall not be granted to the successful tenderer under any circumstances. The contractor shall have to make his/her/their own arrangements for his/her/their staff, material, tools, machinery etc. as and when required.	No	No	Not Allowed
6	Stay at the destination station/outstation/originating station: The arrangement for the stay of the contractor's staff shall be made by contractor at his own cost and means at the originating stations. No separate payment shall be made for this purpose. No space, electricity and water shall be provided to the contractor's staff during stay as such. The contractor must ensure that, without prior written permission of the Railway, their employee shall not remain in the Railway premises after completion of their specified timings or on completion of their work under this contract. However, Railway shall provide space near the site at Railway premises only to keep their tools & materials, staff booking etc for carrying out the maintenance / repair work of the inverters.	No	No	Not Allowed
7	The bidder/contractor shall ensure enforcement of existing labor laws, minimum wages Act and at no point of time, Railway administration shall be drawn into litigation on these counts. Contractor shall indemnify Railway administration for any loss or damage suffered by it due to violation of its provisions.	No	No	Not Allowed
8	Safety of Contractor Personnel: i) Contractors staff should take all necessary precautions to maintain safety of staff during maintenance and repair duties. ii) Railway shall not be responsible for any mis-happening and loss to contractor and their staff, while working in Railway's premises. iii)The contractor shall be solely responsible for taking all safety measures and ensuring the necessary facilities, training & safety tools etc. for doing this work. In case of any mis-happening due to him or his staff negligence, he shall not raise any claim to Railways what so ever in this regard.	No	No	Not Allowed
9	Supervision/certification of work (a)The work done by the contractor shall be supervised by Railway representative. (b)After completion of work, contractor shall summarize condition of equipment on a performa jointly finalised between him and Railway. Contractor shall maintain these performa in form of a serialised machine numbered booklet, which shall be signed jointly, well before departure time, by contractor and Rly.'s representative, in triplicate, out of which two copies shall be submitted to Rly.'s representative, failing which Rs. 500/-penalty per day shall be imposed. (c)During any repair/maintenance activity, if it is required to replace defective equipment with healthy unit to make inverter in proper working condition, a separate Performa for the same is also required to be filled and jointly signed by the Rly. Representative to ensure that item is actually being replaced by contractor	No	No	Not Allowed
10	In case of any dispute between GCC and Special conditions of contract, the special conditions of contract shall supersede.	No	No	Not Allowed
11	Recovery clause: The cost of any damage or pilferage caused by the contractor's staff to Railway property shall be recovered from the contractor's bills at actual prevailing rates. The amount of recovery shall be determined by the Railway Authority, and such determination shall be final and binding on the contractor.	No	No	Not Allowed

**DELHI DIVISION-ELECTRICAL/NORTHERN RLY
TENDER DOCUMENT**

Tender No: 30-Elect-1T-Chg-2026-27

Closing Date/Time: 03/07/2026 15:00

11.1	<p>Penalty Clause: (1) The inspection of Inspection carriage coaches shall be carried out by the Sr. DEE/Chg. or any other officer/inspector authorized or deputed by him at the respective depot. The decision of the inspecting officer shall be final and binding. (2) In case of failure to produce an identity card and/or proof of competency to the authorized Railway representative, a penalty of 200/- per staff shall be levied. (3) In the event of non-attendance of phone calls from Railway or Control officials at any time, or if any of the provided phone numbers are found to be non-functional, a penalty of 100/- per instance shall be imposed. Note: The contractor shall provide a list of phone numbers in hierarchical order (escalation Matrix) for communication purposes. (4) In case of non-reporting of contractual Electrical escorting staff In case maintenance work is completely held up because no firm staff reported on duty during a routine maintenance, a penalty of a minimum of 50,000/- per case shall be imposed on the contractor during the tender period. (5) Online failure/Passenger Complaints: If any defect or complaint arises online (RMC/ Twitter / 139, etc or otherwise) during escorting against the working of Electrical equipments, and it is found to be due to non-attention, negligence, or lapses by the contractor's staff, a penalty of 500/- per complaint shall be imposed on the contractor. (6) If any repair of inverter of inspection carriage is required at a secondary end, the contractor will ensure the fitness of the inspection carriage coach for the return journey. This shall be binding on the contractor as and when advised by the Depot Officer / SSE (Incharge). Failing this, a penalty of 10,000/- per case shall be levied</p>	No	No	Not Allowed
11.2	<p>To be Count. from 11.1..... (7) Defaults by the contractor staff on Safety of staff & Railway property: The contractor's staff shall not consume or carry alcoholic drinks or narcotic drugs on their person or in their personal implements. •If any staff is found drunk, smoking, or carrying narcotic drugs or alcoholic drinks, a penalty of 10,000/- (Rupees Ten Thousand only) per case shall be recovered from the contractor's bill. •The concerned staff shall not be allowed in concern depot. •Additionally, the staff shall be dealt with in accordance with applicable Railway laws in force. (8) Detention of train Detention of train caused by negligence, poor workmanship of the contractor's staff, or non-attention to any defect, which has been advised to be attended by the respective Depot Officer / SSE Incharge/ Authorized Railway representative, shall be penalized as follows: a)Detention of train up to one (01) hour or part thereof: A token penalty of 50,000/- (Rupees Fifty Thousand only) per case shall be imposed. b)Detention of train for more than one (01) hour or part thereof: A penalty of 1,00,000/- (Rupees One Lakh only) per case, i.e., double the rate of clause (a), shall be imposed. (9) In case contractor failed provide/ down load/ analysed the required data to the Railway whenever asked, a penalty of 1,000/- per instance shall be imposed. (10) if any Fraud/ forgery is found in submitted document by staff of firm for competency at any stage, that person will be disqualified immediately and firm will be taken under legal consequences and also a penalty of Rs. 10,000 per person will be imposed. (11)In case of repeated invoking of penalty clauses the Railway will have full right to terminate the contract. (12) Ceiling limit of recovery of LD charges will be as per condition no.17(b).G.C.C - 2022 or latest.</p>	No	No	Not Allowed
11.3	<p>All costs/expenses incidental to preparation and completion of agreement including stamp duty of non-judicial stamp papers shall be borne and paid by contractor.</p>	No	No	Not Allowed

**DELHI DIVISION-ELECTRICAL/NORTHERN RLY
TENDER DOCUMENT**

Tender No: 30-Elect-1T-Chg-2026-27

Closing Date/Time: 03/07/2026 15:00

11.4	In case of breach or repeated breach of any of condition mentioned herein this agreement shall be terminated summarily without assigning any reason/reasons and decision of the Pr. Chief Mechanical Engineer/NR in this regard shall be binding on contractor. In that event, the security money deposited by contractor shall be forfeited without prejudice to Railway rights	No	No	Not Allowed
11.5	Any addition/alteration/modification/extension and review of this agreement shall be done only with the mutual consent by both the parties.	No	No	Not Allowed
12	Number of AC & Non-AC Inspection Carriage: The no. of AC & Non-AC Inspection Carriage covered under this AMC shall be as per list enclosed as Annexure-A. The number of AC & Non-AC Inspection Carriage may increase/decrease depending on the actual nos. of nominated AC & Non-AC Inspection Carriage in service during currency of contract. The AC & Non-AC Inspection Carriage number may change due to transfer of AC & Non-AC Inspection Carriage from user Railway to foreign Railway and vice versa	No	No	Not Allowed
13	Subletting of Contract: The contractor shall not assign or sublet the contract in the interest therein or a part thereof to any other party or partner(s) without the consent of the Railway.	No	No	Not Allowed
14	Advertisement: The contractor's staff shall not carry or display or exhibit any kind of advertisement through his staff or in the carriage. Logo of the contractor/firm can be displayed on the uniform/badge of the contractor's staff.	No	No	Not Allowed
15	Performance guarantee & Security deposit: Performance guarantee & Security deposit shall be as per Clause no.16(1) to 16(4) of GCC-2022 or latest.	No	No	Not Allowed
16	Ownership of the rejected & old Components: The ownership of the rejected or defective components / parts is that of the contractor against the replacement made by them on Inverter to make it operative.	No	No	Not Allowed
17	Tools & plants: Contractor's staff shall bring his own good quality tool & Modern Technology Tools/Toolkits and plant for carrying out the work in the most efficient & safe manner as per SOR and terms and conditions of the contract. No tool and plant shall be supplied to him by Railways and the staff shall use battery operated tools. In case of requirement of electric supply, the same can be made available on payment basis as per the assessment of consumption done by the contractor & Electrical Coaching Depot(s) or firm may use his own portable small Generator.	No	No	Not Allowed
18	Transportation: Transportation of material to carry out repairing/replacement work shall be borne by contractors.	No	No	Not Allowed
19	Place of execution: Repairing work should be carried out at washing lines, yard & platforms at New Delhi, Delhi, Hazarat Nizamuddin, Delhi Sarai Rohilla, Anand Vihar, MTC, ROK, JIND Coaching Depots of Delhi Division.	No	No	Not Allowed

**DELHI DIVISION-ELECTRICAL/NORTHERN RLY
TENDER DOCUMENT**

Tender No: 30-Elect-1T-Chg-2026-27

Closing Date/Time: 03/07/2026 15:00

20	Other Terms and Conditions:- I.Work shall be carried out as per 'Detailed scope of work'. Contractor shall use his own resources required for job. II.Contractor shall provide 'Identity Card' as specified in Clause no. 3.4 to his employees being deputed to carry out the said work, including supervisor. III.All loose parts of 10kVA inverter shall be attended / tightened /secured properly time to time to avoid any failure or unsatisfactory working. Any petty item required for completion of work shall be provided by contractor and no payments shall be made for the item by Railways. IV.Proper size MS/SS screws, MS/SS washers, MS/SS welding, MS/SS nut bolts, MS/SS rivets, any type of packing etc. shall be provided to keep 10kVA inverter intact/ in working order. V.Machines/equipments/tools shall be arranged by contractor to carry out the work. VI.Contractor shall provide any type of insulation, if damaged during the work. VII.Contractor shall depute minimum 01 (One) service engineer for maintenance of the 10kVA inverter and if repair or maintenance work is more on any particular day/ trip maintenance he shall provide sufficient additional manpower to ensure proper maintenance & healthiness of 10kVA inverter within stipulated maintenance time well before departure. VIII.10kVA inverter should be disconnected electrically from supply source if proper voltage is not available due to any reason and the matter should be reported to rake supervisor / shift in-charge immediately. IX.Contractor shall ensure availability of his staff to attend/ maintain any type of complaint/repair during any type of holiday / rest also. X.All safety measures to avoid personal and any damage to Railway asset are to be adopted while working on equipment. XI.Railway shall provide only space near the site at railway premises to carry out the repair work. Contractor shall make his own necessary arrangement to keep their tools, etc.	No	No	Not Allowed
21	Liquidated Damage: If contractor to execute and complete work within time specified within agreement except in so far as delay is on purchases account shall accept reduction in total amount payable to him by purchaser as per part -II condition 17(b) of GCC-2022 or latest.	No	No	Not Allowed
22	PAYMENTS: (i) Payment shall be made as per following clause:- (a) 100% payment of work shall be paid on 04 monthly basis with due certification by consignee and inspection of work after following deductions: (b) 2% Income Tax shall be deducted from payment as statutory obligation and required certificates for this deduction shall be issued by Railway's Accounts Department. (c) 2% TDS on GST shall be deducted from payment as statutory obligation and required certificates for this deduction shall be issued by Railway's Accounts Department. (d) Security deposit of 5% of contract value shall be deducted from running bill at the rate of 6% of bill amount till full security deposit is recovered. (ii) The bill of firm for payment must accompany: a) The above bill shall bear the AC & Non-AC Inspection Carriage number of the AC & Non-AC Inspection Carriage maintained by the firms for each four monthly schedule covered under this AMC. b) In case material supplied by Railway in emergency to contractor during AMC the amount will be deducted from the bill @ current rate. c) The certificate of the satisfactory maintenance of the AC & Non-AC Inspection Carriage as issued by SSE and counter signed with ADEE/DEE of DLI Division to be submitted to the paying authority. d) There will be no deduction for the period when the AC & Non-AC Inspection Carriage is under POH. (iii)Paying Authority: Payment against contract shall be made by Sr.DFM/NR/Delhi, as verified by Sr.DEE/Chg/Delhi.	No	No	Not Allowed
23	Releasing of Performance guarantee & Security deposit: Performance guarantee & Security deposit shall be released as per Clause no.16(2)(i) &16(4)(e) of GCC-2022 or latest.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
-------	-------------	-----------------------	-----------------	---------------------

**DELHI DIVISION-ELECTRICAL/NORTHERN RLY
TENDER DOCUMENT**

Tender No: 30-Elect-1T-Chg-2026-27

Closing Date/Time: 03/07/2026 15:00

1	Functional Technical Requirement No. 3-Elect/FTR/Chg./07/2026 Name of work: Annual Maintenance Contract (AMC) of 10 KVA inverters of Hi-rel make fitted in Inspection Carriage of Delhi Division for three years.	No	No	Not Allowed
2	Scope of work: The contract shall be comprehensive in nature wherein preventive as well as breakdown maintenance of the inverters is to be attended. The contractor shall conduct three, four monthly preventive maintenance schedule of the Inverters, every year, for trouble free service of the 10 KVA inverters make Hi-Rel fitted in AC & Non AC Inspection Carriage of Delhi Division. In addition to above, all breakdown maintenance calls by the SSE In Charge of respective depots must be attended timely by the contractor. The work shall be carried out in washing line, sick line, yard, platforms at New Delhi, Delhi, Hazarat Nizamuddin, Delhi Sarai Rohilla, Anand Vihar, SSB, MTC, ROK, JIND Coaching Depots and also at any station of Delhi Division for the period of three years. The Inverters out of manufacturer's warranty period only shall be included under comprehensive maintenance contract. The following works are required to be carried out during this comprehensive Annual Maintenance Contract of 10kVA inverter, Make Hi-Rel.	No	No	Not Allowed

**DELHI DIVISION-ELECTRICAL/NORTHERN RLY
TENDER DOCUMENT**

Tender No: 30-Elect-1T-Chg-2026-27

Closing Date/Time: 03/07/2026 15:00

2.1	<p>Preventive Maintenance Schedule: The preventive maintenance of 10KVA Inverter of AC & Non-AC Inspection Carriage shall be carried out on four monthly basis by the contractor at the Platform/Washing Line/sick Line of all the Coaching Depots of Delhi Division. It shall be ensured by the Contractor during maintenance that all the Safety/Protection devices are in proper working condition and also the replacement of spares, if found defective. The time for the above activity shall be six hours from the arrival of the AC & Non-AC Inspection Carriage at the Coaching Depots. The contractor shall plan the maintenance in advance in consultation with the respective depot SSE incharge/Depot Officer. In case the specified time is not available for maintenance of 10KVA Inverter, the Contractor shall carry out the attention by shifting the priorities vis-a-vis of other AC & Non-AC Inspection Carriage, as suggested/indicated by Railway. The following activities are to be carried out during preventive maintenance of the 10kVA Inverter of the AC & Non-AC Inspection Carriage:- i)Visual Checks. ii)Open the covers of 10kVA Inverter & clean with compressed air or by Blower. iii)Cleaning of Electronic Cards & other Electrical/Electronic Equipments, Display Cubicles. Removal of dust and dirt from the Panel. Cleaning the Semi-conductor Devices, Heat Sinks with compressed air/Blower. In case the dust is not removed completely from fins, use hard hair brush and again clean with compressed air/Blower. Do not use any chemical for cleaning the heat sink. iv)Check the tightness of all Power connections and also connectors of Printed Circuit Board (PCB). v)Check the tightness of Equipment mountings and also check the mounting arrangement of the Inverter for any vibration. The following needs to be ensured: a) The Inverter is properly fixed on channel frame with mounting bolts. b) The top of the panel is fixed properly with the wall of Carriage. vi)Check the values of Capacitor Banks once in a year. If the values are observed less than 80% of its original value, the capacitor bank shall be replaced by the contractor. vii)Check the safety/protection devices against Earth fault and Short Circuit. viii)Check for any damage to Cables insulation, Boards & Insulators etc. Defective components, if any, shall be replaced / repaired. Check the condition of the Gaskets, the same shall be replaced, if required. ix)Check AC output voltage (Pulse Width Modulation) and AC output current without load and on full load. The output voltage (AC) shall be measured by true RMS meter or analog meter. x)Check for routine performance test as per manufacturer's instructions/manuals. Correct the Setting of parameters, if required. xi)Any minor modification required to make good any part of the inverter shall be done by Contractor free of cost. xii)Any other items considered necessary for the purpose of preventive maintenance but not included in scope of work, shall also be attended by the contractor. xiii)Contractor shall maintain the complete record/History of Inverter functioning to identify the cases of repeated failures. xiv)Report shall be prepared & submitted by Firm's Service Engineer jointly signed by Railway Supervisor after every attention. xv)Functional checking with or without load as per site conditions. xvi)Setting/checking of drive parameters as per drive requirement.</p>	No	No	Not Allowed
2.1.1	<p>In continuation to SN.2.1.....xvii)Any other deficiencies / shortfalls in the system / working of the system or any other defects noticed during the run as reported by Railway/Division shall also be attended. The contractor must fix a sticker of certificate, on the inverter at suitable location, for having carried out preventive maintenance giving the details of date, time, and place etc as per proforma jointly finalised with Rly. The contractor shall not raise any bill in case 04 monthly attentions (preventive maintenance) has not been given to any AC & Non-AC Inspection Carriage or carriages for any reason.</p>	No	No	Not Allowed

**DELHI DIVISION-ELECTRICAL/NORTHERN RLY
TENDER DOCUMENT**

Tender No: 30-Elect-1T-Chg-2026-27

Closing Date/Time: 03/07/2026 15:00

2.2	Break down maintenance: i)The Contractor shall attend the Breakdown Maintenance call for 10kVA Inverter (complete with Protections, Indication & Display Board, Fault Diagnostics, Meters, Cables and Panels) of Non-AC Inspection Carriage as reported by the Railway at the Platform/Washing Line/Pit Line/Base Coaching Maintenance Depot/Secondary Maintenance Depot to make the Non-AC Inspection Carriage fit. ii)All repair & maintenance work to be carried out during day or night time. In case of Sick/Spare AC & Non-AC Inspection Carriage attention may be given in day time. Report shall be prepared & submitted by Firm's Service Engineer jointly signed by Railway Supervisor after every attention. iii)Contractor shall depute his Service Engineer as per maintenance schedule defined in the para 2.1 along with breakdown call at nominated station and inverters will be maintained generally at Delhi Division (Delhi, New Delhi, Nizamuddin , Delhi Sarai Rohella, Anand Vihar , SSB, ROK, JIND & Meerut). iv)For locations where contractor has posted service engineers, service engineers shall report within four hour after receipt of breakdown call during working hours. For attending breakdown calls at other locations where service engineer is not locally available reasonable travel time shall also be allowed in addition to above. At the time of start of the work, the contractor must submit the list of locations to consignee where contractor has posted service engineers which must be updated from time to time as and when some service engineer is posted at any new location or quarterly basis.v)On all gazetted holidays (Government of India), and Sundays after receipt of breakdown call, service engineer shall report within 4 (four) hours during the working hours on next day. NOTE: The failure due to external circumstances such as fire, accident, explosion, flood, thefts and other act of God are not covered in this Annual Preventive Maintenance Contract.	No	No	Not Allowed
-----	---	----	----	-------------

6. Documents attached with tender

S.No.	Document Name	Document Description
1	TenderDocument30-ELECT-1T-CHG-2026-27.pdf	Tender Document

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: KUNWAR LUQMAN KHAN

Designation : DEECHG