

SECTION-I
CHAPTER- 6 -FORM (S)/PROFORMA (S)

**Form No. 1 - PROFORMA FOR “ROLLING - PERFORMANCE BANK GUARANTEE
BOND (R-PBG)”**

(To be stamped in accordance with stamp act)

(To be used by approved Indian scheduled commercial banks)

(To be customized and use for bank guarantee for financial closure and for operational bank
guarantee as well)

1. In consideration of the RailTel Corporation Of India Ltd, Corporate Office, Plot No. 143, Sector 44, Gurgaon, Haryana -122003 (Hereinafter called “ the RailTel”) having agreed to exempt
.....(hereinafter called “ the said Contractor(s)”) from the demand, under the terms and conditions of an Agreement No.
dated made between..... and
..... for (hereinafter called “
the said Agreement”) of total cost of ownership for the due fulfillment by the said contractor(s) of the terms and conditions contained in the said Agreement, or production of a Bank Guarantee for Rs. (Rs..... only). We,
.....(indicate the name of the Bank) hereinafter referred to as “
the Bank”) at the request ofContractor(s) do hereby undertake to pay the RailTel an amount not exceeding Rs. Against any loss or damage caused to or suffered or would be caused to or suffered by the RailTel by reason of any breach by the said Contractor(s) of any of the terms or conditions contained in the said Agreement.
2. We, Bank do hereby undertake to pay the amount due and payable under this Guarantee without any demur, merely on demand from the RailTel stating that the amount is claimed is due by way of loss or damage caused to or would be caused to or suffered by the RailTel by reason of breach by the said Contractor(s) of any of terms or conditions contained in the said Agreement or by reason of the Contractor(s) failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.
3. We, bank undertake to pay to the RailTel any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s) / Supplier(s) in any suit or proceedings pending before any court or Tribunal relating thereto our liability under this present being, absolute and unequivocal.

4. The payment so made by us under this Bond shall be a valid discharge of our liability for payment there under and the Contractor(s) / Supplier(s) shall have no claim against us for making such payment.
5. We, Bank further agree that the Guarantee here in contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the RailTel under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till RailTel certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this Guarantee. Unless a demand or claim under the Guarantee is made on us in writing on or before the (A*) We shall be discharged from all liability under this Guarantee thereafter.
6. We, (indicate the name of Bank) Further agree with the RailTel that the RailTel shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the Agreement or to extend time of to postpone for any time or from time to time any of the powers exercisable by the RailTel against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension to the said Contractor(s) or for any forbearance, act or omission on the part of RailTel or any indulgence by the RailTel to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have affect of so relieving us.
7. This Guarantee will not be discharged due to the change in the Constitution of the Bank or the Contractor(s) Supplier(s). We,(indicate the name of Bank) lastly undertake not to revoke this Guarantee during its currency except with the previous consent of the RailTel in writing.

Dated the day of 2016

for

(Indicate the name of the Bank)
Witness

1. Signature

Name

2. Signature

Name

Form No. 2 - PROFORMA FOR “SYSTEM PERFORMANCE GUARANTEE”

(On Stamp Paper of Rs. One Hundred)
(To be signed by the Bidder as well as the OEM's)

To

**The Executive Director/Northern Region,
RailTel Corporation of India Limited,
6th Floor, IIIrd Block,
Delhi Technology Park, Shastri Park,
New Delhi-110053**

Tender Reference No.:

Applicable for Bidder/OEM(s) directly participating in the tender

Dear Sir,

I / We hereby guarantee that the design on the basis of which we have submitted our tender no. has been carefully made to conform to the end objectives in the tender documents and to technical specification therein. We further guarantee that in the event of the performance of the system, when installed, not complying with the end objectives or with the specifications contained in the tender documents, we shall provide further inputs to enable the RailTel to realize the end objectives contained in these documents without any additional payment for any additional equipment which may be required in this regard. We further guarantee that all the expenses for providing the additional inputs under the System Guarantee will be borne by us. We further guarantee that these additional inputs will be provided by us to make the system workable within 1 month from the date on which this guarantee is invoked by the Purchaser. The guarantee is valid for a period of one year from the date of commissioning of the system.

(Signature of Firm's Authorized Officer)
Seal

Signature of witness:

1.
2.

Or

Applicable for OEM(s)

I / We hereby guarantee that the design on the basis of which we have submitted our tender no. has been carefully made to conform to the end objectives in the tender documents and to technical specification therein related to OEM's scope. We further guarantee that in the event of the performance of the system, when installed, not complying with the end objectives or with the specifications contained in the tender documents as per OEM's scope, we shall provide further inputs to enable the RailTel to realize the end objectives contained in these documents without any additional payment for any additional equipment which may be required in this regard. We further guarantee that all the expenses for providing the additional inputs under the System Guarantee will be borne by us. We further guarantee that these additional inputs will be provided by us to make the system workable within 1 month from the date on which this guarantee is invoked by the Purchaser. The guarantee is valid for a period of one year from the date of commissioning of the system.

(Signature of Firm's Authorized Officer)
Seal

Signature of witness:

3.
4.

Form No. 3 - PROFORMA FOR “LONG TERM MAINTENANCE SUPPORT”
(To be signed by the Bidder as well as the OEM's)

To

**The Executive Director/Northern Region,
RailTel Corporation of India Limited,
6th Floor, IIIrd Block,
Delhi Technology Park, Shastri Park,
New Delhi-110053**

Tender Reference No.:

Applicable for OEM directly participating in the tender

I / We hereby confirm that we have read specifications & tender conditions of RailTel Tender No.and accept that the requirement of Long Term Maintenance Support as per Clause 4.A.3 of Chapter-4(Section-I), shall be met **by us directly or through our subsidiary in India** as per rates quoted in the Price Bid. I / We shall provide services as per terms and conditions pertaining to Long Term Maintenance Support of tender document.

OR

Applicable for Authorized Distributor/Partner of OEM

I / We hereby confirm that we have read specifications & tender conditions of RailTel Tender No.and accept that the requirement of Long Term Maintenance Support as per Clause 4.A.3 of Chapter-4(Section-I) shall be met **by Authorized Distributor/Partner of OEM. However, if Authorized Distributor/Partner fails to fulfill the support obligation due to any un-foreseen circumstances, the same shall be provided by us directly or through our subsidiary in India for the mentioned/remaining period at the quoted prices by the bidder. I/We have gone through the requirement mentioned in the Tender Document and shall provide services as per terms and conditions** pertaining to Long Term Maintenance Support of tender document.

(Signature of Firm's Authorized Officer)
Seal

Signature of witness:

5.

6.

Note: Please Strike out whichever is not applicable.

**Form No. 4 - PROFORMA FOR AFFIDAVIT TO BE UPLOADED BY TENDERER
ALONGWITH THE TENDER DOCUMENTS**
(To be signed by the Bidder)

(To be executed in presence of Public notary on non-judicial stamp paper of the value of Rs.100/-.
The stamp paper has to be in the name of the tenderer)**

I.....(Name and designation)** appointed as the attorney/authorized signatory of the tenderer (including its constituents),
M/s. _____ (hereinafter called the tenderer) for the purpose of the Tender documents for the work of _____
as per the tender No. _____ of (-----RailTel Region), do hereby solemnly affirm and state on the behalf of the tenderer including its constituents as under:

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 electronic-tender portal. 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 tenderers, 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 alongwith the offer and same shall be binding upon me/us.**
6. **I/We declare that the information and documents submitted alongwith 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 undersigned that if the certificates regarding eligibility criteria submitted by us are found to be forged/false or incorrect at any time during process for evaluation of tenders, it shall lead to banning of business for five year on entire RailTel. Further, I/we (*insert name of the tenderer*)** _____ and all my/our constituents understand that my/our offer shall be **Summarily REJECTED**.

8. I/we also understand that if the certificates submitted by us **or by OEM's of the offered Hardware/Software** are found to be false/forged or incorrect at any time after the award of the contract, it will lead to termination of the contract, alongwith forfeiture of SD and Performance Guarantee besides any other action provided in the contract including banning of business for five year on entire RailTel.

**DEPONENT
SEAL AND SIGNATURE
OF THE TENDERER**

VERIFICATION

I/We above named tenderer do hereby solemnly affirm and verify that the contents of my/our above affidavit are true and correct. Nothing has been concealed and no part of it is false.

**DEPONENT
SEAL AND SIGNATURE
OF THE TENDERER**

Place:

Dated:

**** The contents in Italics are only for guidance purpose. Details as appropriate, are to be filled in suitably by tenderer. Attestation before Magistrate/Notary Public.**

Form No. 5 - PROFORMA FOR “SIGNING THE INTEGRITY PACT”

(To be signed by the Bidder)

RailTel Corporation of India Limited, hereinafter referred to as “The Principal”.

AND

....., hereinafter referred to as “The Bidder/ Contractor”

Preamble

The Principal intends to award, under laid down organizational procedures, contract/s forThe Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relations with its Bidder(s) and /or Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1- Commitments of the Principal

1. The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
 - a. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - b. The Principal will during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the process or the contract execution.
 - c. The Principal will exclude from the process all known prejudiced persons.
2. If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2- Commitments of the Bidder(s) / Contractor(s)

1. The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
 - a. The Bidder(s)/contractor(s) will not, directly or through any other persons or firm, offer promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage during tender process or during the execution of the contract.
 - b. The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
 - c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s) /Contractors will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the bidder(s)/contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" as annexed and marked as Annexure A.
 - e. The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
2. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3: Disqualification from tender process and exclusion from future contracts

If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per the procedure mentioned in the "Guidelines on Banning of business dealings". Copy of the "Guidelines on Banning of business dealings" is annexed and marked as Annex-"B".

Section 4: Compensation for Damages

1. If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security.
2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to be terminated the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

Section 5: Previous Transgression

1. The Bidder declares that no previous transgressions occurred in the last three years with any other company in any country conforming to the anti-corruption approach or with any other public sector enterprise in India that could justify his exclusion from the tender process.
2. If the bidder makes incorrect statement on this subject, he can be disqualified from the tender process for action can be taken as per the procedure mentioned in "Guidelines on Banning of business dealings".

Section 6: Equal treatment of all Bidders / Contractors/Subcontractors.

1. The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.
2. The Principal will enter into agreements with identical conditions as this one with all bidders, contractors and subcontractors.
3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7: Criminal charges against violation by Bidder(s) / Contractor(s) / Sub contractor(s)

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8: Independent External Monitor / Monitors

1. The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, RailTel.
3. The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s)/Subcontractor(s) with confidentiality.
4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
6. The Monitor will submit a written report to the CMD, RailTel within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
7. Monitor shall be entitled to compensation on the same terms as being extended to provided to Independent Directors on the RailTel Board.
8. If the Monitor has reported to the CMD, RailTel, a substantiated suspicion of an offence under relevant IPC/PC Act, and the CMD, RailTel has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
9. The word 'Monitor' would include both singular and plural.

Section 9: Pact Duration

This pact begins when both parties have legally signed it. It expires for the Contractor 10 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made / lodged by either party during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged / determined by CMD of RailTel.

Section 10: Other Provisions

1. This agreement is subject to Indian Law, Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi.
2. Changes and supplements as well as termination notices need to be made in writing.
3. If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

(For & on behalf of the Principal)
(Office Seal)

(For & On behalf of Bidder/Contractor)
(Office Seal)

Place _____

Date _____

Witness 1:

Annexure-A of INTEGRITY PACT

GUIDELINES FOR INDIAN AGENTS OF FOREIGN SUPPLIERS

- 1.0 There shall be compulsory registration of agents for all global (Open) Tender and Limited Tender. An agent who is not registered with RailTel Units shall apply for registration in the prescribed Application-Form.
- 1.1 Registered agents will file an authenticated Photostat copy duly attested by a Notary Public/ Original certificate of the principal confirming the agency agreement and giving the status being enjoyed by the agent and the commission/ remuneration/retainer-ship being paid by the principal to the agent before the placement of order by RailTel.
- 1.2 Wherever the Indian representatives have communicated on behalf of their principals and the foreign parties have stated that they are not paying any commission to the Indian agents, and the Indian representative is working on the basis of salary or as retainer, a written declaration to this effect should be submitted by the party (i.e. Principal) before finalizing the order.
- 2.0 **DISCLOSURE OF PARTICULARS OF AGENTS/ REPRESENTATIVES IN INDIA, IF ANY.**
- 2.1 Tenderers of Foreign nationality shall furnish the following details in their offer:

- 2.1.1 The name and address of the agents/representatives in India, if any and the extent of authorization and authority given to commit the Principals. In case the agent/representative be a foreign Company, it shall be confirmed whether it is real substantial Company and details of the same shall be furnished.
- 2.1.2 The amount of commission/ remuneration included in the quoted price(s) for such agents/representatives in India.
- 2.1.3 Confirmation of the Tenderer that the commission/ remuneration if any, payable to his agents/ representatives in India, may be paid by RAILTEL in Indian Rupees only.
- 2.2 Tenderers of Indian Nationality shall furnish the following details in their offers:
- 2.2.1 The name and address of the foreign principals indicating their nationality as well as their status, i.e. whether manufacturer or agents of manufacturer holding the Letter of Authority of the Principal specifically authorizing the agent to make an offer in India in response to tender either directly or through the agents/representatives.
- 2.2.2 The amount of commission /remuneration included in the price(s) quoted by the tenderer for himself.
- 2.2.3 Confirmation of the foreign principals of the Tenderer that the commission/ remuneration, if any, reserved for the Tenderer in the quoted price(s), may be paid by RAILTEL in India in equivalent Indian Rupees on satisfactory completion of the Project or supplies of Stores and Spares in case of operation items.
- 2.3 In either case, in the event of contract materializing, the terms of payment will provide for payment of the commission/ remuneration, if any payable to the agents/representatives in India in Indian Rupees on expiry of 90 days after the discharge of the obligations under the contract.
- 2.4 Failure to furnish correct and detailed information as called for in paragraph 2.0 above will render the concerned tender liable to **REJECTION** or in the event of a contract materializing, the same liable to termination by RAILTEL. Besides this there would be a penalty of banning business dealings with RAILTEL or damage or payment of a named sum.

Annexure-B of INTEGRITY PACT

GUIDELINES ON BANNING OF BUSINESS DEALINGS

CONTENTS

S. No.	Description
1	Introduction

2	Scope
3	Definitions
4	Initiation of Banning / Suspension
5	Suspension of Business Dealings
6	Ground on which Banning of Business Dealings can be initiated 8-9
7	Banning of Business Dealing
8	Removal from List of approved Agencies-Suppliers/ Contractors etc.
9	Procedure for issuing Show-cause Notice.
10	Appeal against the Decision of the Competent Authority
11	Review of the Decision by the Competent Authority
12	Circulation of the names of Agencies with whom Business Dealings have been banned

1. Introduction

- 1.1 RailTel Corporation of India Ltd (RAILTEL), being a Public Sector Enterprise, under the administrative control of the Ministry of Railways and therefore being an authority deemed to be 'the state' within the meaning of Article 12 of Constitution of India, has to ensure preservation of rights enshrined in Chapter III of the Constitution. RAILTEL has also to safeguard its commercial interests. RAILTEL deals with Agencies, who have a very high degree of integrity, commitments and sincerity towards the work undertaken. It is not in the interest of RAILTEL to deal with Agencies who commit deception, fraud or other misconduct in the execution of contracts awarded / orders issued to them. In order to ensure compliance with the constitutional mandate, it is incumbent on RAILTEL to observe principles of natural justice before banning the business dealings with any Agency.
- 1.2 Since banning of business dealings involves civil consequences for an Agency concerned, it is incumbent that adequate opportunity of hearing is provided and the explanation, if tendered, is considered before passing any order in this regard keeping in view the facts and circumstances of the case.

2. Scope

- 2.1 The General Conditions of Contract (GCC) of RAILTEL generally provide that RAILTEL reserves its rights to remove from list of approved suppliers/ contractors or to ban business dealings if any Agency has been found to have committed misconduct and also to suspend business dealings pending investigation. If such provision does not exist in any GCC, the same may be incorporated.
- 2.2 Similarly, in case of sale of material there is a clause to deal with the Agencies/ customers/ buyers, who indulge in lifting of material in unauthorized manner. If such a stipulation does not exist in any Sale Order, the same may be incorporated.

- 2.3 However, absence of such a clause does not in any way restrict the right of Company (RAILTEL) to take action / decision under these guidelines in appropriate cases.
- 2.4 The procedure of (i) Removal of Agency from the List of approved suppliers/ contractors; (ii) Suspension and (iii) Banning of Business Dealing with Agencies, has been laid down in these guidelines.
- 2.5 These guidelines apply to Corporate Office, all Regions and Subsidiaries of RAILTEL.
- 2.6 It is clarified that these guidelines do not deal with the decision of the Management to avoid entertaining any particular Agency due to its poor / inadequate performance or for any other reason.
- 2.7 The banning shall be with prospective effect, i.e., future business dealings.

3. Definitions

In these Guidelines, unless the context otherwise requires:

- i) 'Party / Contractor / Supplier / Purchaser / Customer' shall mean and include a public limited company or a private limited company, a firm whether registered or not, an individual, a cooperative society or an association or a group of persons engaged in any commerce, trade, industry, etc. 'Party / Contractor / Supplier / Purchaser / Customer' in the context of these guidelines is indicated as 'Agency'.
- ii) 'Inter-connected Agency' shall mean two or more companies having any of the following features:
- a) If one is a subsidiary of the other;
 - b) If the Director(s), Partner(s), Manager(s) or Representative(s) are common;
 - c) If management is common;
 - d) If one owns or controls the other in any manner;
- iii) 'Competent Authority' and 'Appellate Authority' shall mean the following:
- a) For Company (entire RAILTEL) wide Banning: The Director shall be the 'Competent Authority' for the purpose of these guidelines. CMD, RAILTEL shall be the 'Appellate Authority' in respect of such cases except banning of business dealings with Foreign Suppliers of imported items.
 - b) For banning of business dealings with Foreign Suppliers of imported items, RAILTEL Directors Committee (RDC) shall be the 'Competent Authority'. The Appeal against the Order passed by RDC, shall lie with CMD, as First Appellate Authority.

- c) In case the foreign supplier is not satisfied by the decision of the First Appellate Authority, it may approach Railway Board as Second Appellate Authority.
 - d) For RailTel Regions only: Any officer not below the rank of General Manager appointed or nominated by the Executive Director of concerned Region shall be the 'Competent Authority' for the purpose of these guidelines. The Executive Director of the concerned Region shall be the 'Appellate Authority' in all such cases.
 - e) For Corporate Office only: For procurement of items / award of contracts, to meet the requirement of Corporate Office only, Concerned Group General Manager / General Manager shall be the 'Competent Authority' and concerned Director shall be the 'Appellate Authority'.
 - f) CMD, RAILTEL shall have overall power to take suo-moto action on any information available or received by him and pass such order(s) as he may think appropriate, including modifying the order(s) passed by any authority under these guidelines.
- iv) 'Investigating Department' shall mean any Department or Unit investigating into the conduct of the Agency and shall include the Vigilance Department, Central Bureau of Investigation, the State Police or any other department set up by the Central or State Government having powers to investigate.
 - v) 'List of approved Agencies - Parties / Contractors / Suppliers/ Purchaser/ Customers' shall mean and include list of approved /registered Agencies - Parties/ Contractors / Suppliers / Purchasers / Customers, etc.

4. Initiation of Banning / Suspension

Action for banning / suspension of business dealings with any Agency should be initiated by the department having business dealings with them after noticing the irregularities or misconduct on their part. Besides the concerned department, Vigilance Department of each Region / Unit/ Corporate Office may also be competent to initiate such action.

5. Suspension of Business Dealings

- 5.1 If the conduct of any Agency dealing with RAILTEL is under investigation by any department (except Foreign Suppliers of imported items), the Competent Authority may consider whether the allegations under investigation are of a serious nature and whether pending investigation, it would be advisable to continue business dealing with the Agency. If the Competent Authority, after consideration of the matter including the recommendation of the Investigating Department, if any, decides that it would not be in the interest to continue business dealings pending investigation, it may suspend business dealings with the Agency. The order to this effect may indicate a brief of the charges under investigation. If it is decided that inter-connected Agencies would also come within the ambit of the order of suspension, the same should be specifically stated in the order. The order of suspension would operate for a period not more than six months and may be

communicated to the Agency as also to Investigating Department. The Investigating Department may ensure that their investigation is completed and whole process of final order is over within such period.

- 5.2 The order of suspension shall be communicated to all the departmental heads within the unit/ region/ Corporate Office as the case may be. During the period of suspension, no business dealing may be held with the agency.
- 5.3 As far as possible, the existing contract(s) with the Agency may continue unless the Competent Authority, having regard to the circumstances of the case, decides otherwise.
- 5.4 If the gravity of the misconduct under investigation is very serious and it would not be in the interest of RAILTEL, as a whole, to deal with such an Agency pending investigation, the Competent Authority may send his recommendation to Chief Vigilance Officer (CVO), RAILTEL Corporate Office alongwith the material available. If Corporate Office considers that depending upon the gravity of the misconduct, it would not be desirable for all the units/ regions of RAILTEL to have any dealings with the Agency concerned, an order suspending business dealings may be issued to all the units/ Regions / Corporate Office by the Competent Authority of the Corporate Office, copy of which may be endorsed to the Agency and all concerned. Such an order would operate for a period of six months from the date of issue.
- 5.5 For suspension of business dealings with Foreign Suppliers of imported items, following shall be the procedure:
- i) Suspension of the foreign suppliers shall apply throughout the Company/ Regions including Subsidiaries.
- ii) Based on the complaint forwarded by ED / GGM / GM or received directly by Corporate Vigilance, if gravity of the misconduct under investigation is found serious and it is felt that it would not be in the interest of RAILTEL to continue to deal with such agency, pending investigation, Corporate Vigilance may send such recommendation on the matter to Executive Director / GGM / GM, to place it before a Committee consisting of the following:
1. ED / GGM/ GM (viz. Representative of Corporate Finance).
 2. ED / GGM/ GM (viz. Representative of Department concerned with procurement of imported items)- Convener of the Committee.
 3. ED / GGM/ GM (to be nominated on case to case basis).
 4. ED / GGM/ GM ((viz. Representative of Corporate Law).

The committee shall expeditiously examine the report and give its comments / recommendations within twenty one days of receipt of the reference by ED/ GGM/ GM.

- iii) The comments / recommendations of the Committee shall then be placed by ED/GGM/GM, before RAILTEL Directors' Committee (RDC) constituted for import of items. If RDC

opines that it is a fit case for suspension, RDC may pass necessary orders which shall be communicated to the foreign supplier by the ED/GGM/GM.

- 5.6 If the Agency concerned asks for detailed reasons of suspension, the Agency may be informed that its conduct is under investigation. It is not necessary to enter into correspondence or argument with the Agency at this stage.
- 5.7 It is not necessary to give any show-cause notice or personal hearing to the Agency before issuing the order of suspension. However, if investigations are not complete in six months time, the Competent Authority may extend the period of suspension by another three months, during which period the investigations must be completed.

6. Ground on which Banning of Business Dealings can be initiated

- 6.1 If the security consideration, including questions of loyalty of the Agency to the State, so warrants;
- 6.2 If the Director / Owner of the Agency, proprietor or partner of the firm, is convicted by a Court of Law for offences involving moral turpitude in relation to its business dealings with the Government or any other public sector enterprises or RAILTEL, during the last five years;
- 6.3 If there is strong justification for believing that the Directors, Proprietors, Partners, owner of the Agency have been guilty of malpractices such as bribery, corruption, fraud, substitution of tenders, interpolations, etc;
- 6.4 If the Agency continuously refuses to return / refund the dues of RAILTEL without showing adequate reason and this is not due to any reasonable dispute which would attract proceedings in arbitration or Court of Law;
- 6.5 If the Agency employs a public servant dismissed / removed or employs a person convicted for an offence involving corruption or abetment of such offence;
- 6.6 If business dealings with the Agency have been banned by the Govt. or any other public sector enterprise;
- 6.7 If the Agency has resorted to Corrupt, fraudulent practices including misrepresentation of facts;
- 6.8 If the Agency uses intimidation/ threatening or brings undue outside pressure on the Company (RAILTEL) or its official in acceptance/ performances of the job under the contract;
- 6.9 If the Agency indulges in repeated and / or deliberate use of delay tactics in complying with contractual stipulations;

- 6.10 Willful indulgence by the Agency in supplying sub-standard material irrespective of whether pre-dispatch inspection was carried out by Company (RAILTEL) or not;
- 6.11 Based on the findings of title investigation report of CBI / Police against the Agency for malafide/ unlawful acts or improper conduct on his part in matters relating to the Company (RAILTEL) or even otherwise;
- 6.12 Established litigant nature of the Agency to derive undue benefit;
- 6.13 Continued poor performance of the Agency in several contracts;
- 6.14 If the Agency misuses the premises or facilities of the Company (RAILTEL), forcefully occupies tampers or damages the Company's properties including land, water resources, etc.

(Note: The examples given above are only illustrative and not exhaustive. The Competent Authority may decide to ban business dealing for any good and sufficient reason).

7. Banning of Business Dealings

- 7.1 Normally, a decision to ban business dealings with any Agency should apply throughout the Company including subsidiaries. However, the Competent Authority of the Region/ Unit except Corporate Office can impose such ban Region-wise only if in the particular case banning of business dealings by respective Region/ Unit will serve the purpose and achieve its objective and banning throughout the Company is not required in view of the local conditions and impact of the misconduct/ default to beyond the Region/ Unit. Any ban imposed by Corporate Office shall be applicable across all Regions/ Units of the Company including Subsidiaries.
- 7.2 For Company-wide banning, the proposal should be sent by ED of the Region/ Unit to the CVO/RailTel setting out the facts of the case and the justification of the action proposed along with all the relevant papers and documents except for banning of business dealings with Foreign Suppliers of imported items.

The Corporate Vigilance shall process the proposal of the concerned Region/ Unit for a prima-facie view in the matter by the Competent Authority nominated for Company-wide banning.

The CVO shall get feedback about that agency from all other Regions/ Units. Based on this feedback, a prima-facie decision for banning / or otherwise shall be taken by the Competent Authority.

If the prima-facie decision for Company-wide banning has been taken, the Corporate Vigilance shall issue a show-cause notice to the agency conveying why it should not be banned throughout RAILTEL.

After considering the reply of the Agency and other circumstances and facts of the case, a final decision for Company-wide banning shall be taken by the competent Authority.

- 7.3 There will be a Standing Committee in each Region/ Unit to be appointed by Chief Executive Officer for processing the cases of "Banning of Business Dealings" except for banning of business dealings with foreign suppliers. However, for procurement of items/ award of contracts, to meet the requirement of Corporate Office only, the committee shall be consisting of General Manager/ Dy. General Manager each from Operations, Finance, Law & Project. Member from Project shall be the convener of the committee. The functions of the committee shall, inter-alia include:
- (i) To study the report of the investigating Agency and decide if a prima-facie case for Company-wide / Region wise banning exists, if not, send back the case to the Competent Authority.
 - (ii) To recommend for issue of show-cause notice to the Agency by the concerned department.
 - (iii) To examine the reply to show-cause notice and call the Agency for personal hearing, if required.
 - (iv) To submit final recommendation to the Competent Authority for banning or otherwise.
- 7.4 If the Competent Authority is prima-facie of view that action for banning business dealings with the Agency is called for, a show- cause notice may be issued to the Agency and an enquiry held accordingly.
- 7.5 Procedure for Banning of Business Dealings with Foreign Suppliers of imported items.
- i) Banning of the agencies, shall apply throughout the Company including subsidiaries.
 - ii) Based on the complaint forwarded by Executive Director or received directly by Corporate Vigilance, an investigation shall be carried out by Corporate Vigilance. After investigation, depending upon the gravity of the misconduct, Corporate Vigilance may send their report to Executive Director/ GGM/ GM, to be placed before a Committee consisting of the following:
 - 1. ED / GGM/ GM (viz. Representative of Corporate Finance).
 - 2. ED / GGM/ GM (viz. Representative of Department concerned with procurement of imported items)- Convener of the Committee.
 - 3. ED / GGM/ GM (to be nominated on case to case basis).
 - 4. ED / GGM/ GM ((viz. Representative of Corporate Law).

The Committee shall examine the report and give its comments/ recommendations within 21 days of receipt of the reference by ED.

- iii) The comments/recommendations of the Committee shall be placed by ED/ GGM/ GM before RAILTEL Directors' Committee (RDC) constituted for import of foreign items. If RDC opines that it is a fit case for initiating banning action, it will direct ED/ GGM/ GM to issue show-cause notice to the agency for replying within a reasonable period.
- iv) On receipt of the reply or on expiry of the stipulated period, the case shall be submitted by ED to RDC for consideration & decision.
- v) The decision of the RDC shall be communicated to the agency by ED/GGM/GM concerned.

8. Removal from List of Approved Agencies –Suppliers/ Contractors, etc.

- 8.1 If the Competent Authority decides that the charge against the Agency is of a minor nature, it may issue a show-cause notice as to why the name of the Agency should not be removed from the list of approved Agencies - Suppliers / Contractors, etc.
- 8.2 The effect of such an order would be that the Agency would not be disqualified from competing in Open Tender Enquiries but LTE (Limited Tender Enquiry) may not be given to the Agency concerned.
- 8.3 Past performance of the Agency may be taken into account while processing for approval of the Competent Authority for awarding the contract.

9. Show-cause Notice

- 9.1 In case where the Competent Authority decides that action against an Agency is called for, a show-cause notice has to be issued to the Agency. Statement containing the imputation of misconduct or misbehavior may be appended to the show-cause notice and the Agency should be asked to submit within 15 days a written statement in its defence.
- 9.2 If the Agency requests for inspection of any relevant document in possession of RAILTEL, necessary facility for inspection of documents may be provided.
- 9.3 The Competent Authority may consider and pass all appropriate speaking order:
 - a) For removing the Agency if the charges are not established.
 - b) For removing the Agency from the list of approved Suppliers/ Contractors, etc.
 - c) For banning the business dealing with the Agency.
- 9.4 If it decides to ban business dealings, the period for which the ban would be operative may be mentioned. The order may also mention that the ban would extend to the interconnected Agencies of the Agency.

10. Appeal against the Decision of the Competent Authority

- 10.1 The agency may file an appeal against the order of the Competent Authority banning business dealing, etc. The appeal shall lie to Appellate Authority. Such an appeal shall be preferred within one month from the date of receipt of the order banning business dealing, etc.
- 10.2 Appellate Authority would consider the appeal and pass appropriate order which shall be communicated to the Agency as well as the Competent Authority.

11. Review of the Decision by the Competent Authority

Any petition / application filed by the Agency concerning the review of the banning order passed originally by Chief Executive / Competent Authority under the existing guidelines either before or after filing of appeal before the Appellate Authority or after disposal of appeal by the Appellate Authority, the review petition can be decided by the Chief Executive / Competent Authority upon disclosure of new facts / circumstances or subsequent development necessitating such review. The Competent Authority may refer the same petition to the Standing Committee for examination and recommendation.

12. Circulation of the names of Agencies with whom Business Dealings have been banned

- 12.1 Depending upon the gravity of misconduct established, the Competent Authority of the Corporate Office may circulate the names of Agency with whom business dealings have been banned, to the Government Departments, other Public Sector Enterprises, etc. for such action as they deem appropriate.
- 12.2 If Government Departments or a Public Sector Enterprise requests for more information about the Agency with whom business dealings have been banned, a copy of the report of the Inquiring authority together with a copy of the order of the Competent Authority / Appellate Authority may be supplied.
- 12.3 If business dealings with any Agency have been banned by the Central or State Government or any other Public Sector Enterprise, RAILTEL may, without any further enquiry or investigation, issue an order banning business dealing with the Agency and its interconnected Agencies.
- 12.4 Based on the above, Regions / Units may formulate their own procedure for implementation of the guidelines.

Form No. 6 - PROFORMA FOR “NIL DEVIATION COMPLIANCE UNDERTAKING”
(To be signed by the Bidder)

To

**The Executive Director/Northern Region,
RailTel Corporation of India Limited,
6th Floor, IIIrd Block,
Delhi Technology Park, Shastri Park,
New Delhi-110053**

Tender Reference No.:

Sub: NIL Deviation Compliance

Over and above all our earlier conformations and submissions as per your requirements of the RFP, we confirm that,

1. All proposed in scope supplies (Cameras, UPS, Switches etc.) are compliant to the technical specifications of the equipment as mentioned in the latest version of the specifications for IP-based video surveillance system issued by RDSO dated 20-05-2021 or latest.
2. We hereby certify that the hardware and software (if applicable) mentioned in our technical solution and Bill of Material (BOM) are complete.
3. We confirm that there is no requirement of any other hardware and software to fulfill requirements as per scope against the RFP. If any additional hardware and software is required to meet in scope requirements, then it would be procured by us at no extra cost to RailTel.
4. We will also ensure our unconditional compliance of all the terms and conditions as mentioned in the Tender document including all corrigenda and RDSO specifications.
5. **List of deviations (Partial Compliance and Non-compliance) from terms and conditions as mentioned in the Tender document including all corrigenda and RDSO specifications, if any, is enclosed as Annexure with this form. We understand that any partial compliance or non-compliance, may result in REJECTION of our bid.**

Seal and signature of the bidder

Place:

Date:

(This letter should be on the letterhead of the bidder duly signed by an authorized signatory)

Form No. 7 – OEM Undertaking on their Respective Letter Heads
(To be signed by the OEM)

To

**The Executive Director/Northern Region,
RailTel Corporation of India Limited,
6th Floor, IIIrd Block,
Delhi Technology Park, Shastri Park,
New Delhi-110053**

Tender Reference No.

Sub: OEM Undertaking

Dear Sir,

Over and above all our earlier conformations and submissions as per your requirements of the RFP, we confirm that,

A. We, M/s....., are established and reputed manufacturer and service provider of (Product details), having our registered office at

We hereby authorize M/s (bidder name), Office to participate in bid and subsequently upon award of the bid to execute the supply and Installation & Commissioning of our range of products against your above said bid.

We further extend our warranty for years and AMC for years for our range of products offered by M/s against the above-said bid.

B. We undertake/Certify that

“We have proven facilities at (Complete Address along with Pin Code) for Engineering, manufacture, assembly, integration, testing and basic facilities with respect to space, Engineering, Personnel, Test equipment, Manufacture, Training, Logistic Supports for at least past three years in the country from where the proposed equipment are planned to be supplied.”

“In case OEM is located outside India, we have training, repair and service center facilities in India at(Complete Address along with Pin Code) also.”

C. I/We have not been black-listed or debarred currently by Central Govt./State Govt./CPSU in India or anywhere globally by Government for security reasons either in Individual capacity or as a member of partnership firm/LLP/JV/Society/Trust.

D. We Certify that,

- (i) All proposed hardware and software components in scope of supplies (Cameras, Switches, UPS) when shipped by _____, does not contain embedded malicious code that would activate procedures to:-
 - a. Inhibit the desired and designed function of the equipment.
 - b. Cause physical damage to the user or equipment during the exploitation.
 - c. Tap information resident or transient in the equipment/networks.
- (ii) We, _____ will be considered to be in breach in case physical damage or malfunctioning is caused due to activation of any such malicious code in embedded software and thus be liable to repair, replace or refund the price of the infected software if reported (or, upon request, return) to the party supplying the software to Customer, if different than _____
- (iii) Security breach or damages to system, if any, so caused by any embedded malicious code or otherwise, due to the act of either OEM or bidder or both, the OEM as well as the bidder would be considered liable jointly or severally and shall be banned for conducting any business with RailTel. Also the present contract, may liable to be terminated by the purchaser.

E. We certify that our offered products are genuine, have our own manufacturing setups and IPR for the hardware(s)/software(s), and not have 3rd party manufacturing from any company blacklisted in India or abroad (due to proven backdoor access and data vulnerability) or any company sharing land border with India. The Intellectual Property Rights (IPR) of all offered product and source code of all offered software including camera firmware, switch firmware etc. are not residing in countries sharing land borders with India. Proof of IPR & source code will be provided by the OEM.

or

IPR of offered products and source code of offered software including camera firmware, switch firmware etc. are residing incountry (Please mention the country name) and OEM has been registered with the Competent Authority of Govt. of India and are eligible to be considered(evidence of valid registration by the competent authority is enclosed)

In case any breach or false declaration is found at any stage, immediate strict penal action can be taken by RailTel.

Place:

Date:

Seal and signature of the authorized representative of OEM

Form No. 8 – Bidder Undertaking on their Respective Letter Heads
(To be signed by the Bidder)

To

**The Executive Director/Northern Region,
RailTel Corporation of India Limited,
6th Floor, IIIrd Block,
Delhi Technology Park, Shastri Park,
New Delhi-110053**

Tender Reference No.

Sub: Bidder Undertaking

Dear Sir,

I / Wehereby certify that

- A. I/We have not been black-listed or debarred currently by Central Govt./State Govt./CPSU in India or anywhere globally by Government for security reasons either in Individual capacity or as a member of partnership firm/LLP/JV/Society/Trust.
- B. I/We have ensured that the Intellectual Property Rights of Hardware and Source Code of Software supplied under this project are not residing in any Country that shares a Land Border with India. 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 fulfill all the requirement in this regard and are eligible to be considered (evidence of valid registration by the competent authority is enclosed).

- C. All the Hardware and Software, offered in our bid documents, are as per Technical specifications mentioned in Chapter-8 of the above referred tender document.

I/We hereby also certify the following:

- i. Interoperability certificate (as per clause 3.9 of RDSO specification) and Security Verification Certification required as per RDSO specification no. RDSO/SPN/TC/65/2021 version 6, for various Hardwares/Softwares will be submitted at the time of supply while offered for Inspection.
- ii. In case of failure in arranging Interoperability Certificate or Security Verification certificate for offered Hardware/Software at the time of supply, I/We shall arrange

alternate Hardware/Software as per RDSO specification no. RDSO/SPN/TC/65/2021 version 6 without any additional cost to RailTel.

- D. All proposed hardware and software components in scope of supplies (Cameras, Switches, UPS etc.) when shipped by _____, does not contain embedded malicious code that would activate procedures to:-
- a. Inhibit the desired and designed function of the equipment.
 - b. Cause physical damage to the user or equipment during the exploitation.
 - c. Tap information resident or transient in the equipment/networks.
- i. We, _____ will be considered to be in breach in case physical damage or malfunctioning is caused due to activation of any such malicious code in embedded software and thus be liable to repair, replace or refund the price of the infected software if reported (or, upon request, return) to the party supplying the software to Customer, if different than _____
- ii. Security breach or damages to system, if any, so caused by any embedded malicious code or otherwise, due to the act of either OEM or bidder or both, the OEM as well as the bidder would be considered liable jointly or severally and shall be banned for conducting any business with RailTel. Also the present contract, may liable to be terminated by the purchaser.
- E. Before submitting a tender, the tenderer will be deemed to have satisfied himself by actual inspection of the sites and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he enters in the tender forms are adequate and all inclusive.

Form No. - 9 – PERFORMA FOR AFFIDAVIT BY EACH CONSORTIUM/JV MEMBER

(To be given separately by each Consortium/Joint Venture member of the Bidder on Stamp Paper of appropriate value)

I, _ S/o , Resident of _ ,
, the [insert designation] of the [insert name of single bidder / Consortium/Joint Venture member if Consortium/Joint Venture] do solemnly affirm and state as follows:

- 1) I say that I am the authorized signatory of [insert name of company/Consortium/Joint Venture member] (hereinafter referred to as “Bidder/Consortium/Joint Venture Member”) and I am duly authorized by the Board of Directors of the Bidder/Consortium/Joint Venture Member to swear and depose this Affidavit on behalf of the Bidder/Consortium/Joint Venture Member.
- 2) I say that I have submitted information with respect to our eligibility for RailTel Corporation of India Ltd. (hereinafter referred to as “RCIL”) (NAME OF WORK) (hereinafter referred to as ‘Project’) Request for Proposal (‘RFP’) document and I further state that all the said information submitted by us is accurate, true and correct and is based on our records available with us.
- 3) I say that, we hereby also authorize and request any bank, authority, person or firm to furnish any information, which may be requested by RCIL to verify our credentials / information provided by us under this tender and as may be deemed necessary by RCIL.
- 4) I say that if at any point of time including the extension period, in case RCIL requests any further/additional information regarding our financial and/or technical capabilities, or any other relevant information, we shall promptly and immediately make available such information accurately and correctly to the satisfaction of RCIL.
- 5) I say that, we fully acknowledge and understand that furnishing of any false or misleading information by us in our RFP shall entitle us to be disqualified from the tendering process for the said Project. The costs and risks for such disqualification shall be entirely borne by us.
- 6) I state that all the terms and conditions of the Request for Proposal (RFP) document has been duly complied with.

DEPONENT

VERIFICATION

I, the above-named deponent, do verify that the contents of paragraphs 1 to 6 of this affidavit are true and correct to my own knowledge. No part of it is false and nothing material has been concealed.
Verified at , on this day of .

DEPONENT

Form No. -10 - JOINT VENTURE AGREEMENT/MEMORANDUM OF AGREEMENT
(On Stamp Paper of Rs fifty)

This Joint Venture Agreement/Memorandum of Agreement is executed at (place) on this _____ day of _____, 2020.

BETWEEN

M/s. _____, a Company incorporated under the Companies Act, 1956 and having its Registered Office at _____ acting through its Managing Director, _____ duly authorized by a resolution of the Board of Directors dated _____ (hereinafter referred to as the 'LEAD MEMBER' which expression unless excluded by or repugnant to the subject or context be deemed to mean and include its successors in interest, legal representatives, administrators, nominees and assigns) of the ONE Part;

AND

M/s. _____, a Company incorporated under the Companies Act, 1956 and having its Registered Office at _____ and Office at _____, acting through its Joint President, _____, duly authorized by a resolution of the Board of Directors dated _____ (hereinafter referred to as the ('Participant member')) which expression unless excluded by or repugnant to the subject or context be deemed to mean and include its successors in interest, legal representatives, administrators, nominees and assigns) of the 'OTHER PART'

AND

M/s. _____, a Company incorporated under the Companies Act, 1956 and having its Registered Office at _____ and Office at _____, acting through its Joint President, _____, duly authorized by a resolution of the Board of Directors dated _____ (hereinafter referred to as the ('Participant member')) which expression unless excluded by or repugnant to the subject or context be deemed to mean and include its successors in interest, legal representatives, administrators, nominees and assigns) of the 'OTHER PART'

Whereas RailTel Corporation of India Ltd. (hereinafter referred to as 'RCIL') has invited tenders for the "(NAME OF WORK)" in terms of the tender documents issued for the said purpose and the eligibility conditions required that the applicants bidding for the same should meet the conditions stipulated by RCIL for participating in the bid by the Joint Venture for handling the project for which the tender has been floated by RCIL.

AND WHEREAS in terms of the bid documents both the parties jointly satisfy the eligibility criteria laid down for a bidder for participating in the bid process by forming a Joint Venture between themselves.

AND WHEREAS both the parties hereto have discussed and agreed to form a Joint Venture for participating in the aforesaid bid and have decided to reduce the agreed terms to writing.

NOW THIS JOINT VENTURE AGREEMENT/Memorandum of Agreement hereby WITNESSES:

1. That in the premises contained herein the Lead Member and the Participant Member having decided to pool their technical know-how, working experiences and financial resources, have formed themselves into a Joint Venture to participate in the tender process for “(NAME OF WORK)” in terms of the tender invited by RailTel Corporation of India Ltd., (RCIL).
2. That the members of the Joint Venture have represented and assured each other that they shall abide by and be bound by the terms and conditions stipulated by RCIL for awarding the tender to the Joint Venture so that the Joint Venture may take up the aforesaid “(NAME OF WORK)” in case the Joint Venture turns out to be the successful bidder in the bid being invited by RCIL for the said purpose.
3. That the members of the Joint Venture have satisfied themselves that by pooling their technical know-how and technical and financial resources, the Joint Venture fulfills the prequalification/ eligibility criteria stipulated for a bidder, to participate in the bid for the said tender process for “(NAME OF WORK)”
4. That the Joint Venture have agreed to nominate any one of _____, _____ and _____ as the common representative who shall be authorized to represent the Joint Venture for all intents and purposes for dealing with the Government and for submitting the bid as well as doing all other acts and things necessary for submission of bid documents such as Tender Application Form etc., Mandatory Information, Financial Bid. Etc., and such other documents as may be necessary for this purpose.
5. That the share-holding of the members of the Joint Venture for this specified purpose shall be as follows:
 - (i) The Lead Member shall have _____ per cent (____ %) of share-holding/participation with reference to the Joint Venture for this specified project.
 - (ii) The Participant Member shall have _____ (____ %) of share-holding/participation with reference to the Joint Venture for this specified project.
 - (iii) The Participant Member shall have _____ (____ %) of share-holding/participation with reference to the Joint Venture for this specified project.
6. That in order to fulfill the requirement of the tender process and also keep an altogether separate legal entity of the Joint Venture, the Members of the Joint Venture undertake to provide their own nominees as share-holders to the extent of their respective share-holding for the purpose of formation of a Special Purpose Company (SPC) through which the Joint Venture proposes to undertake the _____ of RCIL.
7. That if any change in the membership of the Joint Venture be required to be made by the members of the Joint Venture, the same shall be done with the consent of RCIL subject to the conditions as may be stipulated by them in this regard.
8. That in case to meet the requirements of bid documents or any other stipulations of RCIL, it becomes necessary to execute and record any other documents amongst the members of the Joint Venture, they undertake to do the needful and to participate in the same for the purpose of the said project.

9. That it is clarified by and between the members of the Joint Venture that execution to this Joint Venture Agreement/Memorandum of Agreement by the members of the Joint Venture does not constitute any type of partnership for the purposes of provisions of the Indian Partnership Act and that the members of the Joint Venture shall otherwise be free to carry on their independent business or commercial activities for their own respective benefits under their own respective names and styles. This Joint Venture Agreement is limited in its operation to the specified project.
- 10 That the Members of the Joint Venture undertake to specify their respective roles and responsibilities for the purposes of implementation of this Joint Venture Agreement and the said project if awarded to the Joint Venture in the Memorandum & Articles of Association of the proposed Special Purpose Company to be got incorporated by the Joint Venture Members to meet the requirements and stipulations of RCIL.

IN FAITH AND TESTIMONY WHEREOF, THE PARTIES HERETO HAVE SIGNED THESE PRESENTS ON THE DATE, MONTHS AND YEAR FIRST ABOVE WRITTEN.

1. (_____) Managing Director (_____) For (Name of company)	2. (_____) Managing Director (_____) For (Name of company)	3. (_____) Managing Director (_____) For (Name of company)
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WITNESSES:

1. _____
2. _____

Enclosure:

- Board resolution of each of the Joint Venture Members authorizing:
(i) Execution of the Joint Venture Agreement, and
(ii) Appointing the authorized signatory for such purpose.

Form No. -11 - CONSORTIUM AGREEMENT /MEMORANDUM OF AGREEMENT

(On Stamp Paper of appropriate value)

This Consortium Agreement is executed at on this _ day of ____.

BETWEEN

M/s. , a Company incorporated under the Companies Act, 1956 and having its Registered Office at acting through its Managing Director, duly authorized by a resolution of the Board of Directors dated (hereinafter referred to as the „LEAD MEMBER“ which expression unless excluded by or repugnant to the subject or context be deemed to mean and include its successors in interest, legal representatives, administrators, nominees and assigns) of the ONE Part;

AND

M/s. , a Company having its Office at and Office at acting through its Joint President/ MD/.., , duly authorized by a resolution of the Board of Directors dated _ (hereinafter referred to as the (“Participant member”) which expression unless excluded by or repugnant to the subject or context be deemed to mean and include its successors in interest, legal representatives, administrators, nominees and assigns) of the OTHER PART“

AND

M/s. , a Company having its Office at and Office at , acting through its Joint President/ MD/.., , duly authorized by a resolution of the Board of Directors dated (hereinafter referred to as the (“Participant member”) which expression unless excluded by or repugnant to the subject or context be deemed to mean and include its successors in interest, legal representatives, administrators, nominees and assigns) of the OTHER PART“

Whereas RailTel Corporation of India Ltd. (hereinafter referred to as „RCIL“) has invite tenders for the “(NAME OF WORK)” in terms of the tender documents issued for the said purpose and the eligibility conditions required that the applicants bidding for the same should meet the conditions stipulated by RCIL for participating in the bid by the Consortium for handling the project for which the tender has been floated by RCIL.

AND WHEREAS in terms of the bid documents the parties jointly satisfy the eligibility criteria laid down for a bidder for participating in the bid process by forming a Consortium between themselves.

AND WHEREAS the parties hereto have discussed and agreed to form a Consortium for participating in the aforesaid bid and have decided to reduce the agreed terms to writing.

NOW THIS CONSORTIUM Agreement hereby WITNESSES:

8. That in the premises contained herein the Lead Member and the Participant Member having decided to pool their technical know-how, working experiences and financial resources, have formed themselves into a Consortium to participate in the tender process for “(NAME OF WORK)” in terms of the tender invited by RailTel Corporation of India Ltd., (RCIL).
9. That the members of the Consortium have represented and assured each other that they shall abide by and be bound by the terms and conditions stipulated by RCIL for awarding the tender to the Consortium so that the Consortium may take up the aforesaid “(NAME OF WORK)” in case the Consortium turns out to be the successful bidder in the bid being invited by RCIL for the said purpose.
10. That the members of the Consortium have satisfied themselves that by pooling their technical know-how and technical and financial resources, the Consortium fulfills the prequalification/eligibility criteria stipulated for a bidder, to participate in the bid for the said tender process for “(NAME OF WORK)”
11. That the Consortium have agreed to nominate any one of , and as the common representative who shall be authorized to represent the Consortium for all intents and purposes for dealing with the Government and for submitting the bid as well as doing all other acts and things necessary for submission of bid documents such as Tender Application Form etc., Mandatory Information, Financial Bid. Etc., and such other documents as may be necessary for this purpose.
12. That if any change in the membership of the Consortium be required to be made by the members of the Consortium, the same shall be done with the consent of RCIL subject to the conditions as may be stipulated by them in this regard.
13. That in case to meet the requirements of bid documents or any other stipulations of RCIL, it becomes necessary to execute and record any other documents amongst the members of the Consortium, they undertake to do the needful and to participate in the same for the purpose of the said project.
14. That it is clarified by and between the members of the Consortium that execution to this Consortium Agreement by the members of the Consortium does not constitute any type of partnership for the purposes of provisions of the Indian Partnership Act and that the members of the Consortium shall otherwise be free to carry on their independent business or commercial activities for their own respective benefits under their own respective names and styles. This Consortium Agreement is limited in its operation to the specified project.

15. That the Members of the Consortium undertake to specify their respective roles and responsibilities for the purposes of implementation of this Consortium Agreement and the said project, if awarded to the Consortium, to meet the requirements and stipulations of RCIL.
16. The consortium formed will not be subject to alteration with regard to change in constituting firms and/or reorientation of roles. Any changes, if proposed by Consortium to take advantage of certain developments during evaluation stage will render the bid liable to be **REJECTED**.
17. All partners of the consortium shall be jointly and severally liable to RailTel for the execution of the entire contract in accordance with its terms.
18. Each Consortium member has minimum 20% contribution in the work and role/scope of each member is enclosed.
19. Power of Attorney by all members of the Consortium in favor of the Lead Member is also enclosed.

IN FAITH AND TESTIMONY WHEREOF, THE PARTIES HERETO HAVE SIGNED THESE PRESENTS ON THE DATE, MONTHS AND YEAR FIRST ABOVE WRITTEN

1. ()	2. ()	3. ()
Managing Director	Managing Director	Managing Director
For (Name of company)	For (Name of company)	For (Name of company)

WITNESSES:

1.

2.

Enclosure:

Board resolution of each of the Consortium Members authorizing:

- (i) Execution of the Consortium Agreement, and
- (ii) Appointing the authorized signatory for such purpose.

Form No. 12 - PAST EXPERIENCE FORM

SN	Item	Details
1. General Information		
1	Customer Name	
2	Details of Contact Person	
	Name	
	Designation	
	Email	
	Mailing Address	
	Phone	
	Fax	
2. General Information		
i.	Name of the Project	
ii.	Government/Private/PSU/Others please specify	
iii.	Start Date and End Date of PO/LOA	
iv.	Current Status (Completed/Work in Progress)	
v.	Contract Tenure	
vi.	Geographical Coverage (No. of locations the project covers)	
3. Size of the Project		
	Order Value of the project	
	Capital Expenditure involved	
	Cost of services provided by the bidder	
	Cost of services provided by the partners if involved	
	Approximate number of concurrent users for VA/VMS/FRS/CCC (for Northern Region Only)/EMS	
	No of Video Cameras implemented (if applicable)	
	No of Network Devices managed (if applicable)	
	Please Provide customer certificate/Work order for executed Scope	
4. Brief description of scope of Project		
	Highlights of the Key Result Areas expected and achieved	
	List of modules and sub-modules implemented	
	Narrative description of Project including technology deployed	
	Description of actual services provided by your firm	

Certification: I, the undersigned, certify that these data correctly describe the Projects implemented by our Company.

(Signature)
(Name of Authorized Signatory)
(Designation)
(Date)
(Name and address of the bidder)
(Company Seal)

Form No. 13 – Certificate from Bidders Cost/Statutory Auditor

To

**The Executive Director/Northern Region,
RailTel Corporation of India Limited,
6th Floor, IIIrd Block,
Delhi Technology Park, Shastri Park,
New Delhi-110053**

Tender Reference No.

Sub: Local Content Undertaking

“We_____ the statutory auditor/cost auditor of M/s.____ (name of the bidder) hereby certify that M/s_____ (name of bidder) are offering_____ % Local Content against the supply item of the Project Work under this tender in accordance with DPIIT’s PMI Policy & it’s clarifications/guidelines vide offer No._____ dated____ against RAILTEL tender No._____.

To be signed by Authorized signature of Statutory Auditor/Cost Auditor
UDIN No. -

Form no. 14 - CONTRACT AGREEMENT

(CA No.)

This AGREEMENT is made at <Location of RO Office> on this day of _____ two thousand and twenty one by and between RailTel Corporation of India Limited (A Govt. of India Undertaking) having its Registered & Regional office at Plat-A, 6th Floor, Office Block-II, East Kidwai Nagar, New Delhi-110023, acting in the premises through RGM/ED or his authorized representative (hereinafter referred to as 'RailTel', which expression should unless repugnant to the context or meaning thereof include its successors and permitted assigns) of the one part;

And _____ having its registered office at ----- acting in the premises through..... (hereafter referred to as "Contractor", which expression should unless repugnant to the context or meaning thereof include its successor and permitted assigns) of the other part.

Whereas in response to a call for Tender by RailTel for the work of "....." for RailTel Corporation of India Limited as per tender papers at Annexure 'A' read with Corrigendum..... issued by RailTel hereto, the Contractor has submitted offer letter as per Annexure 'B' hereto

AND WHEREAS the said Tender of the Contractor has been accepted for the work of "....." for RailTel Corporation of India Limited as per copy of Letter of Acceptance of Tender No. _____ dated _____ complete with enclosures at the accepted rates and agreed deviations from tender papers as per Annexure-C hereto at contract value of Rs. _____ (Rupees _____ Only) duly accepted by the contractor.

Now this agreement witnesses that in consideration of the premises and the payment to be made by the Purchaser (RailTel) to the Contractor provided for herein, the Contractor shall supply all equipment and materials and execute and perform all works for which the said Tender of the Contractor has been accepted strictly according to the various provisions in Annexure 'B' and 'C' hereto and upon such supply, execute and performance to the satisfaction of the purchaser (RailTel) and the purchaser (RailTel) shall pay to the Contractor at the rates accepted as per the said Annexure 'C' and in terms of the provisions therein.

IN WITNESS whereof both the parties have hereunto set and subscribed their respective hands and/or seals on the day and year respectively mentioned against their respective signatures.

Signed and delivered by Shri _____ for and on behalf of RailTel Corporation of India Ltd.

The contract within named in the presence of:

1. Signatures
Date
Name in Block Capitals
Address:
2. Signatures
Date
Name in Block Capitals
Address:

Signed and delivered by Shri. _____ for and on behalf of

The contractor within named in the presence of :

1. Signatures
Date
Name in Block Capitals
Address:
2. Signature
Date
Name in Block Capitals
Address:

Annexure 'A' : Tender Document No..... with Corrigendum(s), if any.
Annexure 'B' : Contractor's offer letter.
Annexure 'C' : Letter of Acceptance No..... with all enclosures.
Annexure 'D' : Copy of Rolling Performance Bank Guarantee (R-PBG)

**SECTION-I
CHAPTER-7**

Annexure-I - List of stations covered under the scope of present tender

SN	Revised Name of Controlling /Posts (Cluster)	Name of Controlling /Posts (Cluster)	Name of Station	Rail way	Stn Code	Division	State	Category of Stations
1	Abohar Jn.	Bathinda Cantt.	BUDHLADA	NR	BLZ	DLI	Punjab	D
2	Abohar Jn.	Bathinda Cantt.	MANSA	NR	MSZ	DLI	Punjab	D
3	Abohar Jn.	Bathinda Cantt.	BARETA	NR	BRZ	DLI	Punjab	E
4	Abohar Jn.	Bathinda Cantt.	Kotfateh	NR	KTF	DLI	Punjab	E
5	Abohar Jn.	Bathinda Cantt.	MAISAR KHANA	NR	MASK	DLI	Uttar Pradesh	E
6	Abohar Jn.	Bathinda Cantt.	MAUR	NR	MAUR	DLI	Punjab	E
7	Abohar Jn.	Bathinda Cantt.	NARINDERA PURA	NR	NPX	DLI	Haryana	E
8	Abohar Jn.	Bathinda Cantt.	SADDASINGH WALA	NR	SSZ	DLI	Punjab	E
9	Abohar Jn.	Bathinda Cantt.	Fazilka	NR	FKA	FZR	Punjab	D
10	Abohar Jn.	Bathinda Cantt.	Goniana	NR	GNA	FZR	Punjab	D
11	Abohar Jn.	Bathinda Cantt.	Rahon	NR	RHU	FZR	Punjab	E
12	Abohar Jn.	Bathinda Cantt.	Barnala	NR	BNN	UMB	Punjab	D
13	Abohar Jn.	As per field	Giddarbaha	NR	GDB	UMB	Punjab	D
14	Abohar Jn.	As per field inputs, no OFC	Malout	NR	MOT	UMB	Punjab	D
15	Abohar Jn.	Bathinda Cantt.	Rampura Phul	NR	PUL	UMB	Punjab	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

16	Abohar Jn.	Bathinda Cantt.	Alal	NR	ALA L	UMB	Punjab	E
17	Abohar Jn.	Bathinda Cantt.	Bathinda Cantt.	NR	BTI C	UMB	Punjab	E
18	Abohar Jn.	Bathinda Cantt.	Bhuchchu	NR	BCU	UMB	Punjab	E
19	Abohar Jn.	As per field inputs, no OFC available on these stations.	Bulluana	NR	BHX	UMB	Punjab	E
20	Abohar Jn.	As per field inputs, no OFC available on these stations.	Faqarsar	NR	FSR	UMB	Punjab	E
21	Abohar Jn.	Bathinda Cantt.	Ghunas	NR	GUN	UMB	Punjab	E
22	Abohar Jn.	Bathinda Cantt.	Hadiaya	NR	HYA	UMB	Punjab	E
23	Abohar Jn.	Bathinda Cantt.	Jethuke	NR	JHK	UMB	Punjab	E
24	Abohar Jn.	As per field	Kilanwali Punjab (Halt)	NR	KL WL	UMB	Punjab	E
25	Abohar Jn.	Bathinda Cantt.	Lehra Mohabbat	NR	LHM	UMB	Punjab	E
26	Abohar Jn.	As per field inputs, no OFC available on these stations.	Pakki	NR	PKK	UMB	Punjab	E
27	Abohar Jn.	As per field	Panjkosi	NR	PJK	UMB	Punjab	E
28	Abohar Jn.	Bathinda Cantt.	Sekha	NR	SEQ	UMB	Punjab	E
29	Abohar Jn.	Bathinda Cantt.	Tapa	NR	TAP A	UMB	Punjab	E
30	Abu Road	Abu Road	Sirohi Road	NWR	SOH	Ajmer	Rajasthan	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

31	Abu Road	Abu Road	Banas	NWR	BNS	Ajmer	Rajastha n	E
32	Abu Road	Abu Road	Bhimana	NWR	BMN	Ajmer	Rajastha n	E
33	Abu Road	Abu Road	Chitrasani	NWR	CTT	Ajmer	Gujrat	E
34	Abu Road	Abu Road	Iqbalgarh	NWR	IQG	Ajmer	Gujrat	E
35	Abu Road	Abu Road	Jethi	NWR	JTY	Ajmer	Gujrat	E
36	Abu Road	Abu Road	Keshavganj	NWR	KVJ	Ajmer	Rajastha n	E
37	Abu Road	Abu Road	Kiwarli	NWR	KWI	Ajmer	Rajastha n	E
38	Abu Road	Abu Road	Kothar	NWR	KTR	Ajmer	Rajastha n	E
39	Abu Road	Abu Road	Mawal	NWR	MAA	Ajmer	Rajastha n	E
40	Abu Road	Abu Road	Morthala	NWR	MXO	Ajmer	Rajastha n	E
41	Abu Road	Abu Road	Sarotrroad	NWR	SZA	Ajmer	Gujrat	E
42	Abu Road	Abu Road	Shri Amirgarh	NWR	SIM	Ajmer	Gujrat	E
43	Abu Road	Abu Road	Swarup Ganj	NWR	SRPJ	Ajmer	Rajastha n	E
44	Adarshnag ardelhi	Adarshna garde	Noli	NR	NOL I	DLI	Uttar Pradesh	D
45	Agra Fort	Agra Cantt	Kuberpur	NCR	KBP	AGC	Uttar Pradesh	E
46	Agra Fort	Agra Fort	Mirhakur	NCR	MIQ	AGC	Uttar Pradesh	E
47	Agra Fort	Agra Fort	Pathauli	NCR	PTLI	AGC	Uttar Pradesh	E
48	Agra Fort	Agra Fort	Rupbas	NCR	RBS	AGC	Rajastha n	E
49	Agra Fort	Agra Cantt	Yamuna Bridge	NCR	JAB	AGC	Uttar Pradesh	E
50	Agra Fort	Agra Cantt	Bhandai	NCR	BHA	JHS	Uttar Pradesh	E
51	Agra Fort	Mathura Jn	Bhuteshwar	NCR	BTS R	AGC	Uttar Pradesh	D
52	Agra Fort	Agra Fort	Hodal	NCR	HDL	AGC	Haryana	D
53	Agra Fort	Kosi Thana	Kosi Kalan	NCR	KSV	AGC	Uttar Pradesh	D
54	Agra Fort	Mathura Jn	Ajhais	NCR	AJH	AGC	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

55	Agra Fort	Mathura Jn	Bad	NCR	BAD	AGC	Uttar Pradesh	E
56	Agra Fort	Mathura Jn	Brij Nagar	NCR	BIN R	AGC	Rajasthan	E
57	Agra Fort	Kosi Thana	Chata	NCR	CHJ	AGC	Uttar Pradesh	E
58	Agra Fort	Mathura Jn	Deeg	NCR	DEE G	AGC	Rajasthan	E
59	Agra Fort	Mathura Jn	Goverdhan	NCR	GDO	AGC	Uttar Pradesh	E
60	Agra Fort	Mathura Jn	Govind Garh	NCR	GVH	AGC	Rajasthan	E
61	Agra Fort	Mathura Jn	Jadoli Ka Bas	NCR	JBS	AGC	Rajasthan	E
62	Agra Fort	Mathura Jn	Mora	NCR	MR OA	AGC	Uttar Pradesh	E
63	Agra Fort	Mathura Jn	Ootward	NCR	OTD	AGC	Rajasthan	E
64	Agra Fort	Mathura Jn	Parkham	NCR	PRK	AGC	Uttar Pradesh	E
65	Agra Fort	Mathura Jn	Ramgarh	NCR	RAH	AGC	Rajasthan	E
66	Agra Fort	Kosi Thana	Rundhi	NCR	RDE	AGC	Haryana	E
67	Agra Fort	Kosi Thana	Sholaka	NCR	SHL K	AGC	Haryana	E
68	Agra Fort	Mathura Jn	Vrindaban Road	NCR	VRB D	AGC	Uttar Pradesh	E
69	Agra Fort	Mathura Jn	Vrindavan	NCR	BDB	AGC	Uttar Pradesh	E
70	Agra Fort	Mahoba	Kabrai	NCR	KBR	JHS	Uttar Pradesh	E
71	Aishbagh	ManakNagar	Manaknagar	NR	MK G	LKO	Uttar Pradesh	D
72	Aishbagh	Lucknow Jn	Amausi	NR	AMS	LKO	Uttar Pradesh	E
73	Aishbagh	Lucknow Jn	Chhandrauli	NR	CDR L	LKO	Uttar Pradesh	E
74	Aishbagh	Lucknow Jn	Harauni	NR	HRN	LKO	Uttar Pradesh	E
75	Aishbagh	Lucknow Jn	Jaitipur	NR	JTU	LKO	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

76	Aishbagh	Lucknow Jn	Kankah	NR	KKA H	LKO	Uttar Pradesh	E
77	Aishbagh	Lucknow Jn	Misrauli	NR	MFL	LKO	Uttar Pradesh	E
78	Aishbagh	Lucknow Jn	Pipar Sand	NR	POF	LKO	Uttar Pradesh	E
79	Kasganj Jn.	KASGANJ	Agsauli	NER	AUL	Izzatna gar	Uttar Pradesh	E
80	Aishbagh	Sandila	Sandila	NR	SAN	MB	Uttar Pradesh	D
81	Aishbagh	Sandila	Kakori	NR	KKJ	MB	Uttar Pradesh	E
82	Aishbagh	Sandila	Malihabad	NR	MLD	MB	Uttar Pradesh	E
83	Akbarpur Jn	Akbarpur Jn	Goshain ganj	NR	GGJ	LKO	Uttar Pradesh	D
84	Akbarpur Jn	Akbarpur Jn	Jafarganj	NR	JFG	LKO	Uttar Pradesh	E
85	Akbarpur Jn	Akbarpur Jn	Katehri	NR	KTH E	LKO	Uttar Pradesh	E
86	Akbarpur Jn	Akbarpur Jn	Ulna Bhari	NR	ULN	LKO	Uttar Pradesh	E
87	Aligarh	Aligarh Jn	Dabhaura	NCR	DBR	ALD	MP	D
88	Aligarh	Aligarh Jn	Daud Khan	NCR	DAQ	ALD	Uttar Pradesh	E
89	Aligarh	Aligarh Jn	Harduaganj	NCR	HGJ	ALD	Uttar Pradesh	E
90	Aligarh	Aligarh Jn	Kulwa	NCR	KLA	ALD	Uttar Pradesh	E
91	Aligarh	Aligarh Jn	Manzurgarhi	NCR	MZG I	ALD	Uttar Pradesh	E
92	Aligarh	Aligarh Jn	Mehrawal	NCR	MW UE	ALD	Uttar Pradesh	E
93	Aligarh	Aligarh Jn	Somna	NCR	SOM	ALD	Uttar Pradesh	E
94	Aligarh	Hathras Jn	Hathras	NCR	HRS	ALD	Uttar Pradesh	D
95	Aligarh	Tundla Jn	Jalesar Road	NCR	JLS	ALD	Uttar Pradesh	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

96	Aligarh	Hathras Jn	Hathras Killah	NCR	HRF	ALD	Uttar Pradesh	E
97	Aligarh	Hathras Jn	Mandrak	NCR	MX K	ALD	Uttar Pradesh	E
98	Aligarh	Hathras Jn	Pora	NCR	PRA	ALD	Uttar Pradesh	E
99	Aligarh	Hathras Jn	Sasni	NCR	SNS	ALD	Uttar Pradesh	E
100	Alwar Jn	Alwar Jn	Khairthal	NWR	KRH	Jaipur	Rajastha n	D
101	Alwar Jn	Alwar Jn	Rajgarh	NWR	RHG	Jaipur	Rajastha n	D
102	Alwar Jn	Alwar Jn	Ajerka	NWR	AIA	Jaipur	Rajastha n	E
103	Alwar Jn	Alwar Jn	Baswa	NWR	BU	Jaipur	Rajastha n	E
104	Alwar Jn	Alwar Jn	Dhigawara	NWR	DGW	Jaipur	Rajastha n	E
105	Alwar Jn	Alwar Jn	Harsauli	NWR	HSI	Jaipur	Rajastha n	E
106	Alwar Jn	Alwar Jn	Mahwa	NWR	MW W	Jaipur	Rajastha n	E
107	Alwar Jn	Alwar Jn	Malakhera	NWR	MKH	Jaipur	Rajastha n	E
108	Alwar Jn	Alwar Jn	Parisal	NWR	PSL	Jaipur	Rajastha n	E
109	Amethi	Amethi	Antu	NR	ANT	LKO	Uttar Pradesh	D
110	Amethi	GauriGanj	Gauri Ganj	NR	GNG	LKO	Uttar Pradesh	D
111	Amethi	GauriGanj	Jais	NR	JAIS	LKO	Uttar Pradesh	D
112	Amethi	Amethi	Alam Nagar	NR	AM G	LKO	Uttar Pradesh	E
113	Amethi	GauriGanj	Bani	NR	BAN I	LKO	Uttar Pradesh	E
114	Amethi	GauriGanj	Fursat Ganj	NR	FTG	LKO	Uttar Pradesh	E
115	Amethi	Amethi	Talakhajuri	NR	TLK H	LKO	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

116	Amroha	Gujraula	Bijnor	NR	BJO	MB	Uttar Pradesh	D
117	Amroha	Gujraula	Gujraula	NR	GJL	MB	Uttar Pradesh	D
118	Amroha	Gujraula	Haldaur	NR	HLD R	MB	Uttar Pradesh	D
119	Amroha	Gujraula	Hakimpur	NR	HKP	MB	Uttar Pradesh	E
120	Amroha	Gujraula	Kafurpur	NR	KFP R	MB	Uttar Pradesh	E
121	Amroha	Gujraula	Kailsa	NR	KIV	MB	Uttar Pradesh	E
122	Amroha	Gujraula	Kankather	NR	KHE	MB	Uttar Pradesh	E
123	Amroha	Gujraula	Lodhi Pur Bishanpur	NR	LPB	MB	Uttar Pradesh	E
124	Amroha	Gujraula	Maheshra	NR	MH HR	MB	Uttar Pradesh	E
125	Amroha	Gujraula	Mandi Dhanaura	NR	MN DR	MB	Uttar Pradesh	E
126	Atarra	Ghatampur	Bharwa Sumerpur	NCR	BSZ	JHS	Uttar Pradesh	D
127	Atarra	Banda	Ragaul	NCR	RGU	JHS	Uttar Pradesh	D
128	Atarra	Fatehpur	Bahilpurwa	NCR	BIP	JHS	Uttar Pradesh	E
129	Deoria Sadar	Bhatni Jn	Ahalyapur Flag	NER	AHLR	Varana si	Uttar Pradesh	E
130	Suraimanpur	Prayagraj	Ahimanpur	NER	AHM	Varana si	Uttar Pradesh	E
131	Kashipur Jn.	Kashipur Jn.	Aliganj	NER	ALJ	Izzatnagar	Uttar Pradesh	E
132	Suraimanpur	Allahabad City (P	Allahabad City	NER	ALY	Varana si	Uttar Pradesh	D
133	Mairwa	Siwan Jn	Amlori Sarsar	NER	ALS	Varana si	Bihar	E
134	Babina	Jhansi	Bijauli	NCR	BJI	JHS	Uttar Pradesh	E
135	Babina	Jhansi	Burhpura	NCR	BPW	JHS	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

136	Babina	Jhansi	Chirgaon	NCR	CGN	JHS	Uttar Pradesh	E
137	Babina	Moth	Erich Road	NCR	ERC	JHS	Uttar Pradesh	E
138	Babina	Babina	Khajraha	NCR	KHJ	JHS	Uttar Pradesh	E
139	Deoria Sadar	Nakaha Jungle	Anand Nagar	NER	AND N	Lucknow	Uttar Pradesh	D
140	Balia	Aunrihar Jn.	Ankushpur	NER	AKS	Varanasi	Uttar Pradesh	E
141	Kannauj	Kannauj	Araul Makanpur	NER	ARL	Izzatnagar	Uttar Pradesh	E
142	Bareilly City	Bareilly City	Bamiana	NER	BMV	Izzatnagar	Uttar Pradesh	E
143	Sitapur	Sitapur	Ataria	NER	AA	Lucknow	Uttar Pradesh	E
144	Belthara Road	Aunrihar Jn.	Aunrihar Jn.	NER	ARJ	Varanasi	Uttar Pradesh	D
145	Badshahnagar	Lucknow Jn	Chaubisi	NR	CHBS	LKO	Uttar Pradesh	E
146	Badshahnagar	Lucknow Jn	Juggaur	NR	JRR	LKO	Uttar Pradesh	E
147	BAHADUR GARH	Rohtak	SAMPLA	NR	SPZ	DLI	Haryana	D
148	BAHADUR GARH	Rohtak	ASAUDAH	NR	ASE	DLI	Haryana	E
149	BAHADUR GARH	Rohtak	ASTHAL BOHAR	NR	ABO	DLI	Haryana	E
150	BAHADUR GARH	Rohtak	ISMAILA HARYANA	NR	ISM	DLI	Haryana	E
151	Basti	Basti	Babhnan	NER	BV	Lucknow	Uttar Pradesh	D
152	Kasganj Jn.	KASGANJ	Badhari Kalan	NER	BHK	Izzatnagar	Uttar Pradesh	E
153	Gonda Jn	Bahraich	Bahraich	NER	BRK	Lucknow	Uttar Pradesh	D
154	Deoria Sadar	Deoria Sadar	Baitalpur	NER	BALR	Varanasi	Uttar Pradesh	E
155	Badshahnagar	Lucknow City	Bakshi-ka-Talab	NER	BKT	Lucknow	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

156	Siwan Jn	Ballia	Bakulha	NER	BKLA	Varana si	Uttar Pradesh	E
157	BALLABG ARH	Delhi Safdarjung	BRAR SQUARE	NR	BRS Q	DLI	Delhi	E
158	Balotra	Barmer	Baytu	NWR	BUT	Jodhp ur	Rajastha n	D
159	Balotra	Barmer	Uttarlai	NWR	UTL	Jodhp ur	Rajastha n	D
160	Balotra	Barmer	Bania Sanda Dhora	NWR	BSDA	Jodhp ur	Rajastha n	E
161	Balotra	Barmer	Bhachbhar	NWR	BBC	Jodhp ur	Rajastha n	E
162	Balotra	Barmer	Bhimarlai	NWR	BMQ	Jodhp ur	Rajastha n	E
163	Balotra	Barmer	Gadra Road	NWR	GDD	Jodhp ur	Rajastha n	E
164	Balotra	Barmer	Gole	NWR	GOLE	Jodhp ur	Rajastha n	E
165	Balotra	Samdari Jn	Jalore	NWR	JOR	Jodhp ur	Rajastha n	D
166	Balotra	Samdari Jn	Samdari	NWR	SMR	Jodhp ur	Rajastha n	D
167	Balotra	Samdari Jn	Ajit	NWR	AJIT	Jodhp ur	Rajastha n	E
168	Balotra	Samdari Jn	Bakra Road	NWR	BK	Jodhp ur	Rajastha n	E
169	Balotra	Samdari Jn	Balwara	NWR	BAW A	Jodhp ur	Rajastha n	E
170	Balotra	Samdari Jn	Bamsin	NWR	BMS N	Jodhp ur	Rajastha n	E
171	Balotra	Samdari Jn	Bheempura	NWR	BIPR	Jodhp ur	Rajastha n	E
172	Balotra	Samdari Jn	Bishangarh	NWR	BISH	Jodhp ur	Rajastha n	E
173	Balotra	Samdari Jn	Dudia	NWR	DUK	Jodhp ur	Rajastha n	E
174	Balotra	Samdari Jn	Dundara	NWR	DOR	Jodhp ur	Rajastha n	E
175	Balotra	Samdari Jn	Marwar Bagra	NWR	MBG A	Jodhp ur	Rajastha n	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

176	Balotra	Samdari Jn	Modran	NWR	MON	Jodhpur	Rajasthan	E
177	Balotra	Samdari Jn	Mokalsar	NWR	MKS R	Jodhpur	Rajasthan	E
178	Balotra	Samdari Jn	Satlana	NWR	SUT	Jodhpur	Rajasthan	E
179	Banda	Banda	Akona	NCR	AK W	JHS	Uttar Pradesh	E
180	Banda	Banda	Badausa	NCR	BUS	JHS	Uttar Pradesh	E
181	Banda	Banda	Dingwai	NCR	DWI	JHS	Uttar Pradesh	E
182	Banda	Banda	Ichauli	NCR	ICL	JHS	Uttar Pradesh	E
183	Banda	Banda	Khairar Jn.	NCR	KID	JHS	Uttar Pradesh	E
184	Banda	Banda	Khurhand	NCR	KHQ	JHS	Uttar Pradesh	E
185	Banda	Banda	Mataundh	NCR	MTH	JHS	Uttar Pradesh	E
186	Bandikui	Gandhinagar-	Dahar Ka Balaji	NWR	DKBJ	Jaipur	Rajasthan	D
187	Bandikui	Gandhinagar-	Arnia	NWR	ARN A	Jaipur	Rajasthan	E
188	Bandikui	Gandhinagar-	Bassi	NWR	BAI	Jaipur	Rajasthan	E
189	Bandikui	Gandhinagar-	Bhankri	NWR	BAK	Jaipur	Rajasthan	E
190	Bandikui	Gandhinagar-	Chomu Samod	NWR	COM	Jaipur	Rajasthan	E
191	Bandikui	Gandhinagar-	Dhankya	NWR	DNK	Jaipur	Rajasthan	E
192	Barabanki Jn	Barabanki Jn	Daryabad	NR	DYD	LKO	Uttar Pradesh	D
193	Barabanki Jn	Barabanki Jn	Patranga	NR	PTH	LKO	Uttar Pradesh	E
194	Barabanki Jn	Barabanki Jn	Rasauli	NR	RES	LKO	Uttar Pradesh	E
195	Barabanki Jn	Barabanki Jn	Safdarganj	NR	SGJ	LKO	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

196	Barabanki Jn	Barabanki Jn	Safedabad	NR	SFH	LKO	Uttar Pradesh	E
197	Barabanki Jn	Barabanki Jn	Said Khanpur	NR	SYK	LKO	Uttar Pradesh	E
198	Farrukhabad Jn.	Farrukhabad	Ballupur Flag	NER	BAPR	Izzatnagar	Uttar Pradesh	E
199	Gonda Jn	Balrampur	Balrampur	NER	BLP	Lucknow	Uttar Pradesh	E
200	Bareilly City	Bareilly City	Bhojipura Jn.	NER	BPR	Izzatnagar	Uttar Pradesh	D
201	Pilibhit Jn.	Pilibhit Jn.	Banbasa	NER	BNSA	Izzatnagar	Uttarakhand	E
202	Gonda Jn	Bahraich	Bangai	NER	BGAN	Lucknow	Uttar Pradesh	E
203	Siwan Jn	Bhatni Jn	Bankata	NER	BTk	Varanasi	Uttar Pradesh	E
204	Pilibhit Jn.	Mailani Jn	Banke Ganj	NER	BNKJ	Lucknow	Uttar Pradesh	E
205	Balia	Ballia	Bansdih Road	NER	BCD	Varanasi	Uttar Pradesh	E
206	Sitapur	Sitapur	Barai Jalalpur	NER	BJLP	Lucknow	Uttar Pradesh	E
207	Bareilly City	Bareilly City	Bijauria	NER	BJV	Izzatnagar	Uttar Pradesh	E
208	Khorasan Road	Kaptanganj Jn	Barharaganj	NER	BAGJ	Varanasi	Uttar Pradesh	E
209	Gonda Jn	Balrampur	Barhni	NER	BNY	Lucknow	Uttar Pradesh	D
210	Kanpur (Anwarganj)	Kannauj	Barrajpur	NER	BJR	Izzatnagar	Uttar Pradesh	D
211	Gonda Jn	GONDA JN	Barua Chak	NER	BRCK	Lucknow	Uttar Pradesh	E
212	Haldwani	Kashipur Jn.	Bazpur	NER	BPZ	Izzatnagar	Uttarakhand	D
213	Pilibhit Jn.	Mailani Jn	Belrayan	NER	BXM	Lucknow	Uttar Pradesh	D
214	Barmer	Balotra	Janiyana	NWR	JNE	Jodhpur	Rajasthan	E
215	Barmer	Barmer	Jasai	NWR	JSA	Jodhpur	Rajasthan	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

216	Barmer	Barmer	Kavas	NWR	KVA	Jodhp ur	Rajastha n	E
217	Barmer	Barmer	Munabao	NWR	MBF	Jodhp ur	Rajastha n	E
218	Barmer	Balotra	Parlu	NWR	PRU	Jodhp ur	Rajastha n	E
219	Barmer	Barmer	Tilwara	NWR	TWL	Jodhp ur	Rajastha n	E
220	Salempur Jn.	Bhatni Jn	Bhatpar Rani	NER	BHTR	Varana si	Uttar Pradesh	D
221	Pilibhit Jn.	Mailani Jn	Bhira Kheri	NER	BIK	Luckno w	Uttar Pradesh	E
222	Suraimanp ur	Prayagraj	Bhiti	NER	BYH	Varana si	Uttar Pradesh	E
223	Bareilly City	Budaun	Bitroi	NER	BTRI	Izzatna gar	Uttar Pradesh	E
224	Pilibhit Jn.	Pilibhit Jn.	Bhopatpura	NER	BFPA	Izzatna gar	Uttar Pradesh	E
225	Manduadi h	Banaras	Bhulanpur Flag	NER	BHLP	Varana si	Uttar Pradesh	E
226	Gonda Jn	Balrampur	Bichia	NER	BIC	Luckno w	Uttar Pradesh	E
227	Bareilly City	Budaun	Budaun	NER	BEM	Izzatna gar	Uttar Pradesh	D
228	Bareilly City	Bareilly City	Dohna	NER	DOX	Izzatna gar	Uttar Pradesh	E
229	Kannauj	Kannauj	Bilhaur	NER	BLU	Izzatna gar	Uttar Pradesh	D
230	Sitapur	Burhwal Jn	Bindaura	NER	BUR	Luckno w	Uttar Pradesh	E
231	Pilibhit Jn.	Pilibhit Jn.	Bisalpur	NER	BSUR	Izzatna gar	Uttar Pradesh	D
232	Gonda Jn	Bahraich	Bisheswarganj	NER	BEU	Luckno w	Uttar Pradesh	E
233	Sitapur	Sitapur Jn	Biswan	NER	BVN	Luckno w	Uttar Pradesh	D
234	Bareilly City	Budaun	Ghatpuri	NER	GTP	Izzatna gar	Uttar Pradesh	E
235	BEAS Jn	AMRITSAR	Bhagtanwala	NR	BGT N	FZR	Punjab	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

236	BEAS Jn	AMRITSAR	Chhehrta	NR	CIA	FZR	Punjab	E
237	BEAS Jn	AMRITSAR	Dera Baba Nanak	NR	DBN K	FZR	Punjab	E
238	BEAS Jn	AMRITSAR	Fatehgarh Churian	NR	FGC N	FZR	Punjab	E
239	BEAS Jn	AMRITSAR	Ghryala	NR	GYL	FZR	Punjab	E
240	BEAS Jn	Amritsar	Hardowal	NR	HD WL	FZR	Punjab	E
241	BEAS Jn	AMRITSAR	Kairon	NR	KCZ	FZR	Punjab	E
242	BEAS Jn	AMRITSAR	Khasa	NR	KSA	FZR	Punjab	E
243	BEAS Jn	AMRITSAR	Khem Karan	NR	KEM K	FZR	Punjab	E
244	BEAS Jn	AMRITSAR	Manawala	NR	MO W	FZR	Punjab	E
245	BEAS Jn	AMRITSAR	Patti	NR	PAX	FZR	Punjab	E
246	BEAS Jn	AMRITSAR	Ramdas	NR	RDS	FZR	Punjab	E
247	BEAS Jn	AMRITSAR	Tarn Taran	NR	TTO	FZR	Punjab	E
248	BEAS Jn	AMRITSAR	Thabl Ke	NR	TYK	FZR	Punjab	E
249	BEAS Jn	AMRITSAR	Valtoha	NR	WL A	FZR	Punjab	E
250	BEAS Jn	AMRITSAR	Verka	NR	VKA	FZR	Punjab	E
251	BEAS Jn	BEAS Jn	Butari	NR	BTR	FZR	Punjab	E
252	BEAS Jn	BEAS Jn	Dhilwan	NR	DIW	FZR	Punjab	E
253	BEAS Jn	BEAS Jn	Goindwal Sahib	NR	GWS B	FZR	Punjab	E
254	BEAS Jn	BEAS Jn	Hamira	NR	HM R	FZR	Punjab	E
255	BEAS Jn	BEAS Jn	Jandiala	NR	JNL	FZR	Punjab	E
256	BEAS Jn	BEAS Jn	Tangra	NR	TRA	FZR	Punjab	E
257	Beawar	Beawar	Amarpura	NWR	APA	Ajmer	Rajastha n	E
258	Beawar	Beawar	Kharwa	NWR	KRW	Ajmer	Rajastha n	E
259	Beawar	Beawar	Lamana	NWR	LNA	Ajmer	Rajastha n	E
260	Beawar	Beawar	Makrera	NWR	MKR A	Ajmer	Rajastha n	E
261	Beawar	Beawar	Mangliawas	NWR	MLI	Ajmer	Rajastha n	E
262	Beawar	Beawar	Piplaj	NWR	PPF	Ajmer	Rajastha	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

							n	
263	Beawar	Beawar	Sendra	NWR	SEU	Ajmer	Rajastha n	E
264	Beawar	Bhilwara	Bijainagar	NWR	BJNR	Ajmer	Rajastha n	D
265	Beawar	Bhilwara	Nasirabad	NWR	NSD	Ajmer	Rajastha n	D
266	Beawar	Bhilwara	Bandanwara	NWR	BDW	Ajmer	Rajastha n	E
267	Balia	Kaptanganj Jn	Bodarwar	NER	BBW	Varana si	Uttar Pradesh	E
268	Deoria Sadar	Nakaha Jungle	Bridgemanganj	NER	BMJ	Luckno w	Uttar Pradesh	E
269	Bareilly City	Bareilly City	Izzatnagar	NER	IZN	Izzatna gar	Uttar Pradesh	D
270	Sitapur	Burhwal Jn	Burhwal	NER	BUW	Luckno w	Uttar Pradesh	D
271	Deoria Sadar	Nakaha Jungle	Campierganj	NER	CM	Luckno w	Uttar Pradesh	E
272	Siwan Jn	Chhapra Jn	Chainwa	NER	CW	Varana si	Bihar	E
273	Bareilly City	Budaun	Makrandpur	NER	MQP	Izzatna gar	Uttar Pradesh	E
274	Siwan Jn	Chhapra Jn	Chapra Kacheri	NER	CI	Varana si	Bihar	D
275	Kanpur (Anwargan j)	Kannauj	Chaubepur	NER	CBR	Izzatna gar	Uttar Pradesh	E
276	Bhadohi	Bhadohi	Chhaukhandi	NR	CHH	LKO	Uttar Pradesh	E
277	Bhadohi	Bhadohi	Kapsethi	NR	KEH	LKO	Uttar Pradesh	E
278	Bhadohi	Bhadohi	Lohta	NR	LOT	LKO	Uttar Pradesh	E
279	Bhadohi	Bhadohi	Mondh	NR	MOF	LKO	Uttar Pradesh	E
280	Bhadohi	Bhadohi	Parsipur	NR	PRF	LKO	Uttar Pradesh	E
281	Bhadohi	Bhadohi	Sewapuri	NR	SWP R	LKO	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

282	Bhadohi	Varanasi Jn	Khalispur	NR	KSF	LKO	Uttar Pradesh	E
283	Bhadohi	Zafrabad	Sarkoni	NR	SIQ	LKO	Uttar Pradesh	E
284	Bhadohi	Varanasi Jn	Shiv Pur	NR	SOP	LKO	Uttar Pradesh	E
285	Bhadohi	Zafrabad	Trilochan Mahadeo	NR	TLM D	LKO	Uttar Pradesh	E
286	Bhadohi	Vyasnagar	Vyas Nagar	NR	VYN	LKO	Uttar Pradesh	E
287	Deoria Sadar	Deoria Sadar	Chauri-Chaura	NER	CC	Varanasi	Uttar Pradesh	D
288	Gonda Jn	Balrampur	Chilhia	NER	CIH	Lucknow	Uttar Pradesh	E
289	Balia	Ballia	Chilkahar	NER	CHR	Varanasi	Uttar Pradesh	E
290	Gonda Jn	Bahraich	Chilwariya	NER	CLW	Lucknow	Uttar Pradesh	E
291	Suraimanpur	Ghazipur City	Chit Baragaon	NER	CBN	Varanasi	Uttar Pradesh	E
292	Sitapur	Burhwal Jn	Chowka Ghat	NER	CKG	Lucknow	Uttar Pradesh	E
293	Bhilwara	Bhilwara	Gangrar	NWR	GGR	Ajmer	Rajasthan	E
294	Bhilwara	Bhilwara	Gulabpura	NWR	GBP	Ajmer	Rajasthan	E
295	Bhilwara	Bhilwara	Hamirgarh	NWR	HMG	Ajmer	Rajasthan	E
296	Bhilwara	Bhilwara	Hatundi	NWR	HTD	Ajmer	Rajasthan	E
297	Bhilwara	Bhilwara	Jharwasa	NWR	JWS	Ajmer	Rajasthan	E
298	Bhilwara	Bhilwara	Lambiya	NWR	LMA	Ajmer	Rajasthan	E
299	Bhilwara	Bhilwara	Mandal	NWR	MDL	Ajmer	Rajasthan	E
300	Bhilwara	Bhilwara	Mandpiya	NWR	MDP A	Ajmer	Rajasthan	E
301	Bhilwara	Bhilwara	Mokhampura	NWR	MAK H	Ajmer	Rajasthan	E
302	Bhilwara	Bhilwara	Railaroad	NWR	RLR	Ajmer	Rajasthan	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

							n	
303	Bhilwara	Bhilwara	Rajosi	NWR	ROS	Ajmer	Rajastha n	E
304	Bhilwara	Bhilwara	Rupaheli	NWR	RPI	Ajmer	Rajastha n	E
305	Bhilwara	Bhilwara	Sareri	NWR	SSR	Ajmer	Rajastha n	E
306	Bhilwara	Bhilwara	Singawal	NWR	SGW	Ajmer	Rajastha n	E
307	Bhiwani	Bhiwani	Charkhidadri	NWR	CKD	Bikane r	Haryana	D
308	Bhiwani	Bhiwani	Kosli	NWR	KSI	Bikane r	Haryana	D
309	Bhiwani	Bhiwani	Bamla	NWR	BMLL	Bikane r	Haryana	E
310	Bhiwani	Bhiwani	Bhiwani City	NWR	BNW C	Bikane r	Haryana	E
311	Bhiwani	Bhiwani	Jatusana	NWR	JTS	Bikane r	Haryana	E
312	Bhiwani	Bhiwani	Jharli	NWR	JRL	Bikane r	Haryana	E
313	Bhiwani	Bhiwani	Kishangarh Balawas	NWR	KGBS	Bikane r	Haryana	E
314	Bhiwani	Bhiwani	Lahli	NWR	LHLL	Bikane r	Haryana	E
315	Bhiwani	Bhiwani	Manheru	NWR	MHU	Bikane r	Haryana	E
316	Bhiwani	Bhiwani	Sudhrana	NWR	SDRA	Bikane r	Haryana	E
317	Chandausi	Bareilly	Aonla	NR	AO	MB	Uttar Pradesh	D
318	Chandausi	Bareilly	Bisharatganj	NR	BTG	MB	Uttar Pradesh	D
319	Chandausi	Bareilly	Pitambarpur	NR	PMR	MB	Uttar Pradesh	D
320	Chandausi	Bareilly	Tilhar	NR	TLH	MB	Uttar Pradesh	D
321	Chandausi	Bareilly	Bilpur	NR	BLP U	MB	Uttar Pradesh	E
322	Chandausi	Bareilly	Chanethi	NR	CHT I	MB	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

323	Chandausi	Bareilly	Clutterbuckgan j	NR	CBJ	MB	Uttar Pradesh	E
324	Chandausi	Bareilly	Miranpur Katra	NR	MK	MB	Uttar Pradesh	E
325	Chandausi	Bareilly	Nisoi	NR	NSU	MB	Uttar Pradesh	E
326	Chandausi	Bareilly	Ram Ganga	NR	RGB	MB	Uttar Pradesh	E
327	Chandausi	Bareilly	Rasuiya	NR	RYS	MB	Uttar Pradesh	E
328	Chandausi	Bareilly	Reoti Bahora Khera	NR	RBK	MB	Uttar Pradesh	E
329	Chandausi	Bareilly	Tisua	NR	TSA	MB	Uttar Pradesh	E
330	Chandausi	Chandausi	Asafpur	NR	AFR	MB	Uttar Pradesh	D
331	Chandausi	Chandausi	Babrala	NR	BBA	MB	Uttar Pradesh	D
332	Chandausi	Chandausi	Dubtara	NR	DUB	MB	Uttranch al	D
333	Chandausi	Chandausi	Raja Ka Sahaspur	NR	RJK	MB	Uttar Pradesh	D
334	Chandausi	Chandausi	Rajghat Narora	NR	RG	MB	Uttar Pradesh	D
335	Chandausi	Chandausi	Atrauli Road	NR	AUR	MB	Uttar Pradesh	E
336	Chandausi	Chandausi	Bahjoi	NR	BJ	MB	Uttar Pradesh	E
337	Chandausi	Chandausi	Basi Kiratpur	NR	BSK R	MB	Uttar Pradesh	E
338	Chandausi	Chandausi	Dhanari	NR	DN	MB	Uttar Pradesh	E
339	Chandausi	Chandausi	Dibai	NR	DIB	MB	Uttar Pradesh	E
340	Chandausi	Chandausi	Gumthal	NR	GTF	MB	Uttar Pradesh	E
341	Chandausi	Chandausi	Jargaon	NR	JRJ	MB	Uttar Pradesh	E
342	Chandausi	Chandausi	Karengi	NR	KEG	MB	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

343	Chandausi	Chandausi	Sambhal Hatim Sarai	NR	SHT S	MB	Uttar Pradesh	E
344	Chandausi	Chandausi	Sisarka	NR	SSK A	MB	Uttar Pradesh	E
345	Chitrakutdham Karwi	Chitrakut Dham K	Bharat Kup	NCR	BTK P	JHS	Uttar Pradesh	E
346	Chitrakutdham Karwi	Chitrakut Dham K	Khoh	NCR	KHO H	JHS	Uttar Pradesh	E
347	Chitrakutdham Karwi	Chitrakut Dham K	Shivrampur	NCR	SWC	JHS	Uttar Pradesh	E
348	Dabra	Dabra	Anantpaith	NCR	AEH	JHS	MP	E
349	Dabra	Dabra	Antri	NCR	ARI	JHS	MP	E
350	Dabra	Dabra	Kotra	NCR	KTR A	JHS	MP	E
351	Datia	Mahoba	Belatal	NCR	BTX	JHS	Uttar Pradesh	D
352	Datia	Mahoba	Harpalpur	NCR	HPP	JHS	MP	D
353	Datia	Mahoba	Kulpahar	NCR	KLA R	JHS	Uttar Pradesh	D
354	Datia	Mauranipur	Mauranipur	NCR	MRP R	JHS	Uttar Pradesh	D
355	Datia	Muranipur	Barwa Sagar	NCR	BW R	JHS	Uttar Pradesh	E
356	Dausa	Getore Jagatpura	Getore Jagatpura	NWR	GTJT	Jaipur	Rajasthan	E
357	Dausa	Gandhinagar-	Jatwara	NWR	JW	Jaipur	Rajasthan	E
358	Dausa	Gandhinagar-	Jhir	NWR	JHIR	Jaipur	Rajasthan	E
359	Dausa	Gandhinagar-Jp	Kanakpura	NWR	KKU	Jaipur	Rajasthan	E
360	Dausa	Getore Jagatpura	Kanota	NWR	KUT	Jaipur	Rajasthan	E
361	Dausa	Getore Jagatpura	Khatipura	NWR	KWP	Jaipur	Rajasthan	E
362	Dehradun	Dehradun	Doiwala	NR	DW O	MB	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

363	Dehradun	Dehradun	Harrawala	NR	HR W	MB	Uttar Pradesh	E
364	Dehradun	Dehradun	Kansaro	NR	QSR	MB	Uttranch al	E
365	DEOBAN D	Muzaffarna gar	KHATAULI	NR	KAT	DLI	Uttar Pradesh	D
366	DEOBAN D	Muzaffarna gar	TAPRI	NR	TPZ	DLI	Uttar Pradesh	D
367	DEOBAN D	Muzaffarna gar	BAMAN HERI	NR	BM HR	DLI	Uttar Pradesh	E
368	DEOBAN D	Muzaffarna gar	JARODA NARA	NR	JDW	DLI	Haryana	E
369	DEOBAN D	Muzaffarna gar	MANSURPUR	NR	MSP	DLI	Uttar Pradesh	E
370	DEOBAN D	Muzaffarna gar	MOHIUDDIN PUR	NR	MUZ	DLI	Uttar Pradesh	E
371	Basti	Basti	Chureb	NER	CRV	Luckno w	Uttar Pradesh	E
372	Gonda Jn	Gonda Jn	Colonelganj	NER	CLJ	Luckno w	Uttar Pradesh	D
373	Siwan Jn	Ballia	Dal Chhapra Flag	NER	DCP	Varana si	Uttar Pradesh	E
374	Badshahn agar	Lucknow City	Daliganj	NER	DAL	Luckno w	Uttar Pradesh	D
375	Suraimanp ur	Prayagraj	Daraganj	NER	DRGJ	Varana si	Uttar Pradesh	E
376	Kasganj Jn.	Kasganj Jn	Daryaoganj	NER	DRO	Izzatna gar	Uttar Pradesh	D
377	Mairwa	Chhapra Jn	Daudpur	NER	DDP	Varana si	Bihar	E
378	Pilibhit Jn.	Mailani Jn	Deokali	NER	DEO	Luckno w	Uttar Pradesh	E
379	Bareilly City	Budaun	Manpur Nagaria	NER	MPG	Izzatna gar	Uttar Pradesh	E
380	Suraimanp ur	Ghazipur City	Dhondha Dih	NER	DDD	Varana si	Uttar Pradesh	E
381	Belthara Road	Azamgarh	Didarganj Road	NER	DJD	Varana si	Uttar Pradesh	E
382	Siwan Jn	Thawe Jn	Dighwa Dubauli	NER	DWD I	Varana si	Bihar	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

383	Suraimanpur	Aunrihar Jn.	Dobhi	NER	DHE	Varanasi	Uttar Pradesh	E
384	Bareilly City	Bareilly City	Sethal	NER	STH	Izzatnagar	Uttar Pradesh	E
385	Basti	Gorakhpur Jn	Domingarh	NER	DMG	Lucknow	Uttar Pradesh	E
386	Mairwa	Kaptanganj Jn	Dudahi	NER	DUE	Varanasi	Uttar Pradesh	E
387	Pilibhit Jn.	Pilibhit Jn.	Dudhia Khurd	NER	DYK	Izzatnagar	Uttar Pradesh	E
388	Pilibhit Jn.	Mailani Jn	Dudwa	NER	DDW	Lucknow	Uttar Pradesh	E
389	Belthara Road	Mau Jn	Dullahpur	NER	DLR	Varanasi	Uttar Pradesh	D
390	Siwan Jn	Siwan Jn	Duraundha Jn	NER	DDA	Varanasi	Uttar Pradesh	D
391	Siwan Jn	Chhapra Jn	Ekma	NER	EM	Varanasi	Bihar	D
392	Pilibhit Jn.	Mailani Jn	Faridaha	NER	FRDH	Lucknow	Uttar Pradesh	E
393	Dholpur	Dholpur	Bedham	NCR	BED M	AGC	Rajasthan	E
394	Dholpur	Dholpur	Bhainsa	NCR	BSA	AGC	Uttar Pradesh	E
395	Dholpur	Dholpur	Bari	NCR	BAR I	JHS	Rajasthan	E
396	Dholpur	Dholpur	Jajau	NCR	JJ	JHS	Uttar Pradesh	E
397	Dholpur	Dholpur	Mania	NCR	MIA	JHS	Rajasthan	E
398	Dholpur	Dholpur	Mohari	NCR	MHF	JHS	Rajasthan	E
399	Dholpur	Dholpur	Sirmuttra	NCR	SRM T	JHS	Rajasthan	E
400	Dholpur	Dholpur	Tantpur	NCR	TPO	JHS	Rajasthan	E
401	Etawah	Etawah	Bharthana	NCR	BNT	ALD	Uttar Pradesh	D
402	Etawah	Etawah	Ek Dil	NCR	EKL	ALD	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

403	Etawah	Etawah	Jaswant Nagar	NCR	JGR	ALD	Uttar Pradesh	E
404	Etawah	Phaphund	Pata	NCR	PTX	ALD	Uttar Pradesh	E
405	Etawah	Phaphund	Samhon	NCR	SHW	ALD	Uttar Pradesh	E
406	Etawah	Etawah	Sarai Bhupat	NCR	SB	ALD	Uttar Pradesh	E
407	Falna	Falna	Khimel	NWR	KZQ	Ajmer	Rajastha n	E
408	Falna	Falna	Moribera	NWR	MOI	Ajmer	Rajastha n	E
409	Falna	Falna	Nana	NWR	NAN A	Ajmer	Rajastha n	E
410	Faridabad	Faridabad	OKHLA	NR	OKA	DLI	Delhi	D
411	Faridabad	Delhi Safdarjung	LAJPAT NAGAR	NR	LPN R	DLI	Delhi	E
412	Faridabad	Delhi Safdarjung	SAROJINI NAGAR	NR	SOJ	DLI	Delhi	E
413	Faridabad	Delhi Safdarjung	SEWA NAGAR	NR	SWN R	DLI	Delhi	E
414	FARIDAB AD TOWN	Patel Nagar	TUGHLAKAB AD	NR	TKD	DLI	Delhi	D
415	Faridkot	Bathinda Cantt.	Gangsar Jaito	NR	GJU T	FZR	Punjab	D
416	Faridkot	Bathinda Cantt.	Ajit Gill Matta Halt	NR	AJM T	FZR	Punjab	E
417	Faridkot	Bathinda Cantt.	Chandbhan	NR	CBX	FZR	Punjab	E
418	Faridkot	Bathinda Cantt.	Giani Zail Singh Sandhwa	NR	GZS	FZR	Punjab	E
419	Faridkot	Bathinda Cantt.	Kasu Begu	NR	KBU	FZR	Punjab	E
420	Faridkot	Bathinda Cantt.	Romana Albel Singh	NR	RLS	FZR	Punjab	E
421	Faridkot	KOTKAPUR A	Kotkapura	NR	KKP	FZR	Punjab	D
422	Faridkot	KOTKAPUR A	Muktsar	NR	MKS	FZR	Punjab	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

423	Faridkot	KOTKAPUR A	Bariwala	NR	BR W	FZR	Punjab	E
424	Faridkot	KOTKAPUR A	Lakhewali	NR	LK W	FZR	Punjab	E
425	Faridkot	KOTKAPUR A	Roranwali	NR	RR W	FZR	Punjab	E
426	Faridkot	Firozpur Cantt.	Golewala	NR	GHA	FZR	Punjab	E
427	Gonda Jn	Balrampur	Gainsari Jn.	NER	GIR	Luckno w	Uttar Pradesh	E
428	Gonda Jn	GONDA JN	Ganga Dham	NER	GAD M	Luckno w	Uttar Pradesh	E
429	Kasganj Jn.	Kasganj Jn	Ganj Dundwara	NER	GWA	Izzatna gar	Uttar Pradesh	D
430	Kasganj Jn.	KASGANJ	Garhkha Flag	NER	GRAK	Izzatna gar	Uttar Pradesh	E
431	Basti	Basti	Gaur	NER	GAU R	Luckno w	Uttar Pradesh	E
432	Deoria Sadar	Deoria Sadar	Gauri Bazar	NER	GB	Varana si	Uttar Pradesh	E
433	Kashipur Jn.	Kashipur Jn.	Gaushala Flag	NER	GWS	Izzatna gar	Uttarak hand	E
434	Mairwa	Chhapra Jn	Gautam Sthan	NER	GTST	Varana si	Bihar	E
435	Gonda Jn	GONDA JN	Ghaghra Ghat	NER	GHT	Luckno w	Uttar Pradesh	E
436	Fatehpur	Fatehpur	Khaga	NCR	KGA	ALD	Uttar Pradesh	D
437	Fatehpur	Bharwari	Sirathu	NCR	SRO	ALD	Uttar Pradesh	D
438	Fatehpur	Bharwari	Athsarai	NCR	ASC E	ALD	Uttar Pradesh	E
439	Fatehpur	Bindki Road	Aung	NCR	AUN G	ALD	Uttar Pradesh	E
440	Fatehpur	Fatehpur	Bindki Road	NCR	BKO	ALD	Uttar Pradesh	E
441	Fatehpur	Fatehpur	Faizullapur	NCR	FYZ	ALD	Uttar Pradesh	E
442	Fatehpur	Bindki Road	Kanspur Gugauli	NCR	KSQ	ALD	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

443	Fatehpur	Fatehpur	Kanwar	NCR	KU W	ALD	Uttar Pradesh	E
444	Fatehpur	Bindki Road	Karbigwan	NCR	KBN	ALD	Uttar Pradesh	E
445	Fatehpur	Fatehpur	Katoghan	NCR	KTC E	ALD	Uttar Pradesh	E
446	Fatehpur	Bindki Road	Kurastikalan	NCR	KKS	ALD	Uttar Pradesh	E
447	Fatehpur	Bindki Road	Malwan	NCR	MW H	ALD	Uttar Pradesh	E
448	Fatehpur	Fatehpur	Rasulabad	NCR	RUB	ALD	Uttar Pradesh	E
449	Fatehpur	Fatehpur	Sathnaraini	NCR	SNIE	ALD	Uttar Pradesh	E
450	Fatehpur	Bharwari	Bharwari	NCR	BRE	ALD	Uttar Pradesh	D
451	Fatehpur	Manda Road	Meja Road	NCR	MJA	ALD	Uttar Pradesh	D
452	Fatehpur	Subedargan j	Bamhrauli	NCR	BM U	ALD	Uttar Pradesh	E
453	Fatehpur	MANKAPU R JN	Bargarh	NCR	BRG	ALD	Uttar Pradesh	E
454	Fatehpur	Prayagraj Jn	Bidanpur	NCR	BDN P	ALD	Uttar Pradesh	E
455	Fatehpur	Subedargan j	Manauri	NCR	MRE	ALD	Uttar Pradesh	E
456	Fatehpur	Bharwari	Manoharganj	NCR	MNJ	ALD	Uttar Pradesh	E
457	Fatehpur	MANKAPU R JN	Panhai	NCR	PNH I	ALD	Uttar Pradesh	E
458	Fatehpur	Bharwari	Saiyid Sarawan	NCR	SYW N	ALD	Uttar Pradesh	E
459	Fatehpur	Bharwari	Shujatpur	NCR	SJT	ALD	Uttar Pradesh	E
460	Fatehpur	Subedargan j	Subedar Ganj	NCR	SFG	ALD	Uttar Pradesh	E
461	Fatehpur	Manda Road	Unchdih	NCR	UND	ALD	Uttar Pradesh	E
462	Fatehpur	Shankargar h	Majhiari	NCR	MJH R	JHS	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

463	Firozabad	Tundla Jn	Hiran Gaon	NCR	HNG	ALD	Uttar Pradesh	E
464	Firozpur Cantt.	Firozpur Cantt.	Makhu	NR	MX H	FZR	Punjab	D
465	Firozpur Cantt.	Firozpur Cantt.	Chak Banwala	NR	CKL A	FZR	Punjab	E
466	Firozpur Cantt.	Firozpur Cantt.	Churiwala	NR	CW DA	FZR	Punjab	E
467	Firozpur Cantt.	Firozpur Cantt.	Dadwindi	NR	DDY	FZR	Punjab	E
468	Firozpur Cantt.	Firozpur Cantt.	Firozpur City	NR	FZP	FZR	Punjab	E
469	Firozpur Cantt.	Firozpur Cantt.	Firozshah	NR	PHS	FZR	Punjab	E
470	Firozpur Cantt.	Firozpur Cantt.	Gidderpindi	NR	GOD	FZR	Punjab	E
471	Firozpur Cantt.	Firozpur Cantt.	Guru Har Sahai	NR	GHS	FZR	Punjab	E
472	Firozpur Cantt.	Firozpur Cantt.	Jalalabad	NR	JBD	FZR	Punjab	E
473	Firozpur Cantt.	Firozpur Cantt.	Jhok Tehal Singh	NR	JTH	FZR	Punjab	E
474	Firozpur Cantt.	Firozpur Cantt.	Jiwan Arain	NR	JWN	FZR	Punjab	E
475	Firozpur Cantt.	Firozpur Cantt.	Khui Khera	NR	KUK A	FZR	Punjab	E
476	Firozpur Cantt.	Firozpur Cantt.	Kohar Singh Wala	NR	KRS W	FZR	Punjab	E
477	Firozpur Cantt.	Firozpur Cantt.	Ladhuka	NR	LDK	FZR	Punjab	E
478	Firozpur Cantt.	Firozpur Cantt.	Mahalam	NR	MF M	FZR	Punjab	E
479	Firozpur Cantt.	Firozpur Cantt.	Mallanwala Khas	NR	MW X	FZR	Punjab	E
480	Firozpur Cantt.	Firozpur Cantt.	Saidanwala	NR	SWX	FZR	Punjab	E
481	Firozpur Cantt.	Firozpur Cantt.	Talli Saida Sahu	NR	TSS	FZR	Punjab	E
482	Firozpur Cantt.	Firozpur Cantt.	Talwandi	NR	TWB	FZR	Punjab	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

483	Gandhinagar-Jp	durgapura	Durgapura	NWR	DPA	Jaipur	Rajasthan	D
484	Gandhinagar-Jp	durgapura	Sanganer	NWR	SNGN	Jaipur	Rajasthan	D
485	Gandhinagar-Jp	Gandhinagar-	Nindhar Benar	NWR	NDH	Jaipur	Rajasthan	E
486	Gandhinagar-Jp	durgapura	Shivdasapura Padampura	NWR	SAS	Jaipur	Rajasthan	E
487	Bareilly City	Budaun	Shekhupur	NER	SKW	Izzatnagar	Uttar Pradesh	E
488	Ghazipur City	Ghazipur City	Ghazipur Ghat	NER	GZT	Varanasi	Uttar Pradesh	E
489	Salempur Jn.	Kaptanganj Jn	Ghughuli	NER	GH	Varanasi	Uttar Pradesh	D
490	Pilibhit Jn.	Mailani Jn	Gola Gokarannath	NER	GK	Lucknow	Uttar Pradesh	D
491	Gonda Jn	GONDA JN	Gonda Kachahri	NER	GDK	Lucknow	Uttar Pradesh	E
492	Siwan Jn	Thawe Jn	Gopalganj	NER	GOPG	Varanasi	Bihar	E
493	Basti	GORAKHPUR	Gorakhpur Cantt.	NER	GKC	Lucknow	Uttar Pradesh	E
494	Basti	BASTI	Govindnagar	NER	GOVR	Lucknow	Uttar Pradesh	E
495	Bareilly City	bareilly city	Sonaripur	NER	SOI	Lucknow	Uttar Pradesh	E
496	Fatehgarh	Farrukhabad Jn.	Gurshahaiganj	NER	GHJ	Izzatnagar	Uttar Pradesh	D
497	Suraimanpur	Allahabad City (P	Gyanpur Road	NER	GYN	Varanasi	Uttar Pradesh	D
498	Mau Jn	MAU JN	Haldharpur	NER	HLP	Varanasi	Uttar Pradesh	E
499	Bareilly City	Budaun	Soron (Shukarkshetra)	NER	SRN	Izzatnagar	Uttar Pradesh	D
500	Bareilly City	Budaun	Ujhani	NER	UJH	Izzatnagar	Uttar Pradesh	D
501	Suraimanpur	Prayagraj	Handiakhas	NER	HDK	Varanasi	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

502	Manduadih	Banaras	Hardattpur Flag	NER	HDT	Varanasi	Uttar Pradesh	E
503	Lakhimpur	Sitapur Jn	Hargaon	NER	HA	Lucknow	Uttar Pradesh	D
504	Kasganj Jn.	Hathras City	Hathras City	NER	HTC	Izzatnagar	Uttar Pradesh	D
505	Mairwa	Thawe Jn	Hathua	NER	HTW	Varanasi	Bihar	D
506	Belthara Road	Mau Jn	Indara Jn.	NER	IAA	Varanasi	Uttar Pradesh	D
507	Gonda Jn	Balrampur	Intiathok	NER	ITE	Lucknow	Uttar Pradesh	E
508	Gonda Jn	Balrampur	Itaunja	NER	IJ	Lucknow	Uttar Pradesh	E
509	Khalilabad	Gorakhpur Jn	Jagatbela	NER	JTB	Lucknow	Uttar Pradesh	E
510	Sitapur	Burhwal Jn	Jahangirabad Raj	NER	JBR	Lucknow	Uttar Pradesh	E
511	Belthara Road	Mau Jn	Jakhanian	NER	JKN	Varanasi	Uttar Pradesh	D
512	Kannauj	Thawe Jn	Jalalpur	NER	JGP	Varanasi	Bihar	E
513	Kannauj	Kannauj	Jalalpur Panwara Flag	NER	JPP	Izzatnagar	Uttar Pradesh	E
514	Suraimanpur	Prayagraj	Jangiganj	NER	JGG	Varanasi	Uttar Pradesh	E
515	Sitapur	Burhwal Jn	Jarwal Road	NER	JLD	Lucknow	Uttar Pradesh	D
516	Kannauj	Kannauj	Jasoda	NER	JDA	Izzatnagar	Uttar Pradesh	E
517	Lakhimpur	Sitapur	Jharekhapur	NER	JKP	Lucknow	Uttar Pradesh	E
518	Gonda Jn	Balrampur	Jharkhandi Flag	NER	JKNI	Lucknow	Uttar Pradesh	D
519	Mankapur Jn	MANAKPUR JN	Jhilahi	NER	JLHI	Lucknow	Uttar Pradesh	E
520	Suraimanpur	Prayagraj	Jhusi	NER	JI	Varanasi	Uttar Pradesh	E
521	Siwan Jn	Siwan Jn	Jiradai	NER	ZRD	Varanasi	Bihar	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

522	Suraimanpur	Banaras	Kachhwa Road	NER	KWH	Varanasi	Uttar Pradesh	E
523	Suraimanpur	Varanasi City	Kadipur	NER	KDQ	Varanasi	Uttar Pradesh	E
524	Fatehgarh	Farrukhabad Jn.	Kaimganj	NER	KMJ	Izzatnagar	Uttar Pradesh	D
525	Kannauj	Kannauj	Kalianpur	NER	KAP	Izzatnagar	Uttar Pradesh	D
526	Sitapur	Sitapur	Kamalapur	NER	KMP	Lucknow	Uttar Pradesh	E
527	Fatehgarh	Farrukhabad Jn.	Kamalganj	NER	KLJ	Izzatnagar	Uttar Pradesh	D
528	Farrukhabad Jn.	Farrukhabad	Kampil Road	NER	KXF	Izzatnagar	Uttar Pradesh	E
529	GURGAON	GURGAON	BIJWASAN	NR	BWSN	DLI	Delhi	D
530	GURGAON	GURGAON	PALAM	NR	PM	DLI	Delhi	D
531	GURGAON	GURGAON	PATAUDI ROAD	NR	PTRD	DLI	Haryana	D
532	GURGAON	GURGAON	BASAI DHANKOT	NR	BDXT	DLI	Haryana	E
533	GURGAON	GURGAON	FARUK NAGAR	NR	FN	DLI	Haryana	E
534	GURGAON	GURGAON	INCHHAPURI	NR	IHP	DLI	Haryana	E
535	GURGAON	GURGAON	JATAULA JAURI	NR	JSKA	DLI	Haryana	E
536	GURGAON	GURGAON	KHALILPUR	NR	KIP	DLI	Haryana	E
537	GURGAON	GURGAON	KHERA KALAN	NR	KHK N	DLI	Haryana	E
538	GURGAON	GURGAON	PATLI	NR	PT	DLI	Haryana	E
539	Gwalior	Bhind	Bhind	NCR	BIX	JHS	MP	D
540	Gwalior	Gwalior	BirlaNagar	NCR	BLNR	JHS	MP	D
541	Gwalior	Gwalior	Bamour Gaon	NCR	BMZ	JHS	MP	E
542	Gwalior	Gwalior	Birpur	NCR	BIB	JHS	MP	E
543	Gwalior	Gwalior	Ghosipura	NCR	GOPA	JHS	MP	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

544	Gwalior	Bhind	Gohad Road	NCR	GOA	JHS	MP	E
545	Gwalior	Gwalior	Ikdori	NCR	IKD	JHS	MP	E
546	Gwalior	Gwalior	Jora Alapur	NCR	JPO	JHS	MP	E
547	Gwalior	Gwalior	Kailaras	NCR	KQS	JHS	MP	E
548	Gwalior	Gwalior	Khojeeepura	NCR	KJP	JHS	MP	E
549	Gwalior	Bhind	Malanpur	NCR	MLA R	JHS	MP	E
550	Gwalior	Gwalior	Motijheel	NCR	MTJ L	JHS	MP	E
551	Gwalior	Gwalior	Rayaru	NCR	RRU	JHS	MP	E
552	Gwalior	Gwalior	Sabargarh	NCR	SBL	JHS	MP	E
553	Gwalior	Bhind	Sanichara	NCR	SAC	JHS	MP	E
554	Gwalior	Gwalior	Sheopur Kalan	NCR	SOE	JHS	MP	E
555	Gwalior	Gwalior	Sithouli	NCR	STLI	JHS	MP	E
556	Gwalior	Bhind	Soni	NCR	SON I	JHS	MP	E
557	Gwalior	Gwalior	Sumaoli	NCR	SMV	JHS	MP	E
558	Hanumang arh Jn.	Hanumang arh	Ellenabad	NWR	ENB	Bikane r	Haryana	D
559	Hanumang arh Jn.	Hanumang arh	Mandi Dabwali	NWR	MBY	Bikane r	Haryana	D
560	Hanumang arh Jn.	Hanumang arh	Nohar	NWR	NHR	Bikane r	Rajastha n	D
561	Hanumang arh Jn.	Hanumang arh	Pilibanga	NWR	PGK	Bikane r	Rajastha n	D
562	Hanumang arh Jn.	Hanumang arh	Sangariya	NWR	SGRA	Bikane r	Rajastha n	D
563	Hanumang arh Jn.	Hanumang arh	Bagwali	NWR	BWB	Bikane r	Punjab	E
564	Hanumang arh Jn.	Hanumang arh	Bhagwansar	NWR	BNSR	Bikane r	Rajastha n	E
565	Hanumang arh Jn.	Hanumang arh	Biradhwali	NWR	BDW L	Bikane r	Rajastha n	E
566	Hanumang arh Jn.	Hanumang arh	Birang Khera	NWR	BMK	Bikane r	Punjab	E
567	Hanumang arh Jn.	Hanumang arh	Dabli Rathan	NWR	DBI	Bikane r	Rajastha n	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

568	Hanumang arh Jn.	Hanumang arh	Dhaban	NWR	DAB N	Bikane r	Rajastha n	E
569	Hanumang arh Jn.	Hanumang arh	Dholipal	NWR	DPK	Bikane r	Rajastha n	E
570	Hanumang arh Jn.	Hanumang arh	Diplana	NWR	DPLN	Bikane r	Rajastha n	E
571	Hanumang arh Jn.	Hanumang arh	Gurusar Sahnewala	NWR	GSW	Bikane r	Punjab	E
572	Hanumang arh Jn.	Hanumang arh	Hanumangarh Town	NWR	HMO	Bikane r	Rajastha n	E
573	Hanumang arh Jn.	Hanumang arh	Khinaniyan	NWR	KNN A	Bikane r	Rajastha n	E
574	Hanumang arh Jn.	Hanumang arh	Manaksar	NWR	MNS R	Bikane r	Rajastha n	E
575	Hanumang arh Jn.	Hanumang arh	Rangh Mahal	NWR	RMH	Bikane r	Rajastha n	E
576	Hanumang arh Jn.	Hanumang arh	Sangat	NWR	SGF	Bikane r	Punjab	E
577	Hanumang arh Jn.	Hanumang arh	Sherekan	NWR	SRKN	Bikane r	Rajastha n	E
578	Hanumang arh Jn.	Hanumang arh	Talwara Jhil	NWR	TLI	Bikane r	Rajastha n	E
579	Hanumang arh Jn.	Hanumang arh	Tibi	NWR	TIE	Bikane r	Rajastha n	E
580	Hanumang arh Jn.	Hanumang arh	Piperan	NWR	PIRN	Bikane r	Rajastha n	E
581	Hapur	Hapur	Bulandshahr	NR	BSC	MB	Uttar Pradesh	D
582	Hapur	Hapur	Garh Muktesar	NR	GMS	MB	Uttar Pradesh	D
583	Hapur	Hapur	Pilkhua	NR	PKW	MB	Uttar Pradesh	D
584	Hapur	Hapur	Babugarh	NR	BBO	MB	Uttar Pradesh	E
585	Hapur	Hapur	Baral	NR	BAR L	MB	Uttar Pradesh	E
586	Hapur	Hapur	Dasna	NR	DS	MB	Uttar Pradesh	E
587	Hapur	Hapur	Gar Muktesar Bridge	NR	GGB	MB	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

588	Hapur	Hapur	Gulaothi	NR	GLH	MB	Uttar Pradesh	E
589	Hapur	Hapur	Hafizpur	NR	HZR	MB	Uttar Pradesh	E
590	Hapur	Hapur	Kharkhauda	NR	KXX	MB	Uttar Pradesh	E
591	Hapur	Hapur	Khurja City	NR	KJY	MB	Uttar Pradesh	E
592	Hapur	Hapur	Kuchehar Road	NR	QXR	MB	Uttar Pradesh	E
593	Hapur	Hapur	Mehrauli	NR	MFH	MB	Uttar Pradesh	E
594	Hapur	Hapur	Simbhaul	NR	SMB L	MB	Uttar Pradesh	E
595	Hardoi	Hardoi	Anji Shahbad	NR	AJI	MB	Uttar Pradesh	D
596	Hardoi	Hardoi	Aigwan	NR	AIG	MB	Uttar Pradesh	E
597	Hardoi	Hardoi	Baghau	NR	BGH	MB	Uttar Pradesh	E
598	Hardoi	Hardoi	Behta Gokul	NR	BEG	MB	Uttar Pradesh	E
599	Hardoi	Hardoi	Kahilia	NR	KH	MB	Uttar Pradesh	E
600	Hardoi	Hardoi	Kama	NR	KAR	MB	Uttar Pradesh	E
601	Hardoi	Hardoi	Kaurah	NR	KUF	MB	Uttar Pradesh	E
602	Hardoi	Hardoi	Masit	NR	MST	MB	Uttar Pradesh	E
603	Hardoi	Hardoi	Todarpur	NR	TDP	MB	Uttar Pradesh	E
604	Hisar	Hisar	Bhawani Khera	NWR	BWK	Bikane r	Haryana	E
605	Hisar	Hisar	Charaud	NWR	CRW	Bikane r	Haryana	E
606	Hisar	Hisar	Jitakheri	NWR	JKZ	Bikane r	Haryana	E
607	Hisar	Hisar	Satro	NWR	STD	Bikane r	Haryana	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

608	Hisar	Hisar	Siwani	NWR	SWNI	Bikane r	Haryana	E
609	Hisar	Uklana	Barwala	NR	BXC	UMB	Haryana	E
610	Hisar	Uklana	Dhansu	NR	DNX	UMB	Haryana	E
611	Hisar	Uklana	Jamalpur Sekhan	NR	JPS	UMB	Punjab	E
612	Hisar	Uklana	Raipur Haryana	NR	RPH R	UMB	Haryana	E
613	Hisar	Uklana	Uklana	NR	UKN	UMB	Haryana	E
614	Jagadhri	YAMUNA NAGAR	Barara	NR	RAA	UMB	Haryana	D
615	Jagadhri	YAMUNA NAGAR	Jagadhri Workshop	NR	JUD W	UMB	Haryana	D
616	Jagadhri	YAMUNA NAGAR	Darazpur	NR	DZP	UMB	Haryana	E
617	Jagadhri	YAMUNA NAGAR	Kesri	NR	KES	UMB	Haryana	E
618	Jagadhri	YAMUNA NAGAR	Mustafabad	NR	MFB	UMB	Haryana	E
619	Jaisalmer	Jaisalmer	Jetha Chadan	NWR	JCH	Jodhp ur	Rajastha n	E
620	Jaisalmer	Jaisalmer	Oдания Chacha	NWR	OCH	Jodhp ur	Rajastha n	E
621	Jaisalmer	Jaisalmer	Thaiyat Hamira	NWR	THM	Jodhp ur	Rajastha n	E
622	Jaisalmer	Palampur	Karjoda	NWR	KRJD	Ajmer	Gujrat	E
623	Jaisalmer	Phalodi	Phalodi	NWR	PLCI	Jodhp ur	Rajastha n	D
624	Jaisalmer	Phalodi	Pokran	NWR	POK	Jodhp ur	Rajastha n	D
625	Jaisalmer	Phalodi	Ramdevra	NWR	RDR A	Jodhp ur	Rajastha n	D
626	Jaisalmer	Phalodi	Ashapura Gomat	NWR	AQG	Jodhp ur	Rajastha n	E
627	Jaisalmer	Phalodi	Bhikamkaur Halt	NWR	BKC	Jodhp ur	Rajastha n	E
628	Jaisalmer	Phalodi	Marwar Bithri	NWR	MBT	Jodhp ur	Rajastha n	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

629	Jaisalmer	Phalodi	Marwar Khara	NWR	MKH R	Jodhp ur	Rajastha n	E
630	Jaisalmer	Phalodi	Marwar Lohawat	NWR	MWT	Jodhp ur	Rajastha n	E
631	Jaisalmer	Phalodi	Shaitan Singh Nagar	NWR	STSN	Jodhp ur	Rajastha n	E
632	Jaisalmer	Phalodi	Sri Bhadariya Lathi	NWR	SBLT	Jodhp ur	Rajastha n	E
633	Jalandhar Cantt	JALANDHA R	Khatkar Kallan Jhanda Ji	NR	KHH J	FZR	Punjab	E
634	Jalandhar Cantt	JALANDHA R CANTT	Khuradpur	NR	KUP R	FZR	Punjab	E
635	Jalandhar Cantt	JALANDHA R CANTT	Malupota	NR	MXP	FZR	Punjab	E
636	Jalandhar Cantt	JALANDHA R CANTT	Nasrala	NR	NAS	FZR	Punjab	E
637	Jalandhar Cantt	JALANDHA R CANTT	Nawan Shehar Doaba	NR	NSS	FZR	Punjab	E
638	Jalandhar Cantt	JALANDHA R CANTT	Saila Khurad	NR	SQJ	FZR	Punjab	E
639	Jalandhar Cantt	JALANDHA R CANTT	Sham Chaurasi	NR	SCQ	FZR	Punjab	E
640	Jalandhar Cantt	JALANDHA R CANTT	Suranassi	NR	SRX	FZR	Punjab	E
641	Jalandhar Cantt	Mukerian	Bhogpur Sirwal	NR	BPR S	FZR	Punjab	E
642	Jalandhar Cantt	Mukerian	Cholang	NR	CGH	FZR	Punjab	E
643	Jalandhar Cantt	Mukerian	Dasuya	NR	DZA	FZR	Punjab	D
644	Jalandhar Cantt	Mukerian	Kala Bakra	NR	KKL	FZR	Punjab	E
645	Jalandhar Cantt	Mukerian	Khuda Kurala	NR	KZX	FZR	Punjab	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

646	Jallandhar Cantt	Mukerian	Mirthal	NR	MRT L	FZR	Punjab	E
647	Jallandhar Cantt	Mukerian	Mukerian	NR	MEX	FZR	Punjab	D
648	Jallandhar Cantt	Mukerian	Suchipind	NR	SCP D	FZR	Punjab	E
649	Jallandhar Cantt	Mukerian	Tanda Urmar	NR	TDO	FZR	Punjab	E
650	Jallandhar Cantt	Mukerian	Unchi Bassi	NR	UCB	FZR	Punjab	E
651	Janghai Jn	Janghai Jn	Marlahu	NR	MA Y	LKO	Uttar Pradesh	D
652	Janghai Jn	Janghai Jn	Suriyawan	NR	SAW	LKO	Uttar Pradesh	D
653	Janghai Jn	Janghai Jn	Baryaram	NR	BYH A	LKO	Uttar Pradesh	E
654	Janghai Jn	Janghai Jn	Nibha Pur	NR	NBP	LKO	Uttar Pradesh	E
655	Janghai Jn	Janghai Jn	Sarai Kansrai	NR	SQN	LKO	Uttar Pradesh	E
656	Janghai Jn	Zafrabad	Jalal Ganj	NR	JLL	LKO	Uttar Pradesh	D
657	Janghai Jn	Kashi	Kashi	NR	KEI	LKO	Uttar Pradesh	D
658	Janghai Jn	Zafrabad	Zafrabad	NR	ZBD	LKO	Uttar Pradesh	D
659	Janghai Jn	Babatpur	Babatpur	NR	BTP	LKO	Uttar Pradesh	E
660	Janghai Jn	Varanasi Jn	Birapatti	NR	BRP T	LKO	Uttar Pradesh	E
661	Jaunpur City	Jaunpur City	Sri Krishna Nagar	NR	SKN	LKO	Uttar Pradesh	D
662	Jaunpur City	Jaunpur City	Bakasha	NR	BKS A	LKO	Uttar Pradesh	E
663	Jaunpur City	Kheta Sarai	Bilwai	NR	BWI	LKO	Uttar Pradesh	E
664	Jaunpur Jn	jaunpur city	Harpalganj	NR	HRP G	LKO	Uttar Pradesh	E
665	Jaunpur Jn	Jaunpur City	Mahirawan	NR	MIH	LKO	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

666	Jaunpur Jn	Jaunpur City	Mehgawan	NR	MG WN	LKO	Uttar Pradesh	E
667	Jaunpur Jn	Jaunpur City	Sarai Harkhu	NR	SVZ	LKO	Uttar Pradesh	E
668	Jawaiband h	Churu	Churu	NWR	CUR	Bikaner	Rajasthan	D
669	Jawaiband h	Churu	Aslu	NWR	ASLU	Bikaner	Rajasthan	E
670	Jawaiband h	Churu	Depalsar	NWR	DEP	Bikaner	Rajasthan	E
671	Jawaiband h	Churu	Juharpura	NWR	JOH	Bikaner	Rajasthan	E
672	Jawaiband h	Churu	Molisar	NWR	MIO	Bikaner	Rajasthan	E
673	Jawaiband h	Dungarpur	Bechhiwara	NWR	BHWA	Ajmer	Rajasthan	E
674	Jawaiband h	Dungarpur	Dungarpur	NWR	DNR P	Ajmer	Rajasthan	E
675	Jawaiband h	Dungarpur	Lusadia	NWR	LSD	Ajmer	Rajasthan	E
676	Jawaiband h	Dungarpur	Raigarh Road	NWR	RGQ	Ajmer	Gujrat	E
677	Jawaiband h	Dungarpur	Rikhabdev road	NWR	RDD	Ajmer	Rajasthan	E
678	Jawaiband h	Falna	Biroliya	NWR	BRLY	Ajmer	Rajasthan	E
679	JIND	JAKHAL	TOHANA	NR	TUN	DLI	Haryana	D
680	JIND	JAKHAL	JAKHAL	NR	JHL	DLI	Haryana	D
681	JIND	JIND	DHAMTAN SAHIB	NR	DTN	DLI	Haryana	E
682	JIND	JIND	DHARODI	NR	DHY	DLI	Haryana	E
683	JIND	JIND	KALAYAT	NR	KIY	DLI	Haryana	E
684	JIND	JAKHAL	KATAR SINGHWALA	NR	KZW	DLI	Punjab	E
685	JIND	JIND	JULANA	NR	JNA	DLI	Haryana	D
686	JIND	JIND	KAITHAL	NR	KLE	DLI	Haryana	D
687	JIND	JIND	NARWANA	NR	NRW	DLI	Haryana	D
688	JIND	JIND	BARSOLA	NR	BZO	DLI	Haryana	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

689	JIND	JIND	BISHANPUR A	NR	BSP H	DLI	Haryana	E
690	JIND	JIND	GHASO	NR	GSO	DLI	Haryana	E
691	JIND	JIND	JAI-JAI WANTI	NR	JJT	DLI	Haryana	E
692	JIND	JIND	JIND CITY	NR	JCY	DLI	Haryana	E
693	JIND	JIND	KINANA	NR	KIU	DLI	Haryana	E
694	JIND	JIND	PEHOWA ROAD	NR	PHW R	DLI	Haryana	E
695	JIND	JIND	PILU KHERA	NR	PKD E	DLI	Haryana	E
696	JIND	JIND	SAFIDON	NR	SFD E	DLI	Haryana	E
697	JIND	JIND	UCHANA	NR	UCA	DLI	Haryana	E
698	Kannauj	Kannauj	Kannauj City Flag	NER	KJNC	Izzatna gar	Uttar Pradesh	E
699	Deoria Sadar	Kaptanganj Jn	Kaptanganj Jn.	NER	CPJ	Varana si	Uttar Pradesh	D
700	Suraimanp ur	Ghazipur City	Karimuddinpur	NER	KMD R	Varana si	Uttar Pradesh	E
701	Kasganj Jn.	KASGANJ	Kasganj City	NER	KJC	Luckno w	Uttar Pradesh	E
702	Kathgoda m	Bareilly City	Atamanda	NER	AMA	Izzatna gar	Uttar Pradesh	E
703	Khorasan Road	Kaptanganj Jn	Kathkuiyan	NER	KKT	Varana si	Uttar Pradesh	E
704	Suraimanp ur	Banaras	Katka	NER	KFK	Varana si	Uttar Pradesh	E
705	Mankapur Jn	FAIZABAD	Katra	NER	KEA	Luckno w	Uttar Pradesh	E
706	Gonda Jn	Balarampu r	Kauwapur	NER	KPE	Luckno w	Uttar Pradesh	E
707	Salempur Jn.	Kaptanganj Jn	Khada	NER	KZA	Varana si	Uttar Pradesh	D
708	Mankapur Jn	FAIZABAD	Khairabad (Awadh)	NER	KB	Luckno w	Uttar Pradesh	E
709	Mairwa	Chhapra Jn	Khairah	NER	KYH	Varana si	Bihar	E
710	Basti	Basti	Mihinpurwa	NER	MIN	Luckno w	Uttar Pradesh	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

711	KARNAL	Kurukshetr a	SHAHBAD	NR	SHD M	DLI	Haryana	D
712	KARNAL	Kurukshetr a	Amin	NR	AMI N	DLI	Haryana	E
713	KARNAL	Kurukshetr a	BHAINI KHURD	NR	BZK	DLI	Haryana	E
714	KARNAL	KARNAL	GHARAUND A	NR	GRA	DLI	Haryana	E
715	KARNAL	Kurukshetr a	Sajuma	NR	SJM	DLI	Haryana	E
716	KARNAL	Kurukshetr a	SHAHBAD	NR	SMD P	DLI	Delhi	E
717	KARNAL	KARNAL	TARAORI	NR	TRR	DLI	Haryana	E
718	KARNAL	Kurukshetr a	THANESAR CITY	NR	TND E	DLI	Haryana	E
719	KARNAL	Kurukshetr a	Tik	NR	TIK	DLI	Haryana	E
720	Pilibhit Jn.	Pilibhit Jn.	Khatima	NER	KHM A	Izzatna gar	Uttar Pradesh	D
721	Lakhimpur	LAKHIMPU R	Kheri Town	NER	KITN	Luckno w	Uttar Pradesh	E
722	Farrukhab ad Jn.	Farrukhaba d	Khudaganj	NER	KDJ	Izzatna gar	Uttar Pradesh	E
723	Kannauj	Kannauj	Khudlapur Flag	NER	KHDP	Izzatna gar	Uttar Pradesh	E
724	Mau Jn	MAU JN	Khurahat	NER	KRT	Varana si	Uttar Pradesh	E
725	Khorasan Road	Kaptanganj Jn	Khushhal Nagar Flag	NER	KSNR	Varana si	Uttar Pradesh	E
726	Kathgoda m	Lal Kuan Jn	Gularbhoj	NER	GUB	Izzatna gar	Uttar Pradesh	E
727	Salempur Jn.	Mau Jn	Kirihrapur	NER	KER	Varana si	Uttar Pradesh	D
728	Mairwa	Chhapra Jn	Kopa Samhota	NER	KPS	Varana si	Bihar	E
729	Kannauj	Kannauj	Kurraiya	NER	KRYA	Izzatna gar	Uttar Pradesh	E
730	Deoria Sadar	Deoria Sadar	Kusmhi	NER	KHM	Varana si	Uttar Pradesh	E
731	Balia	Kaptanganj Jn	Lachmiganj	NER	LIJ	Varana si	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

732	Deoria Sadar	Nakaha Jungle	Lachmipur	NER	LIR	Lucknow	Uttar Pradesh	E
733	Mankapur Jn	MANKAPUR JN	Lakhpat Nagar	NER	LKNR	Lucknow	Uttar Pradesh	E
734	Pilibhit Jn.	Pilibhit Jn.	Lalauri khera	NER	LUA S	Izzatnagar	Uttar Pradesh	E
735	Bhatni Jn	Bhatni Jn	Lar Road	NER	LRD	Varanasi	Uttar Pradesh	D
736	Deoria Sadar	Nakaha Jungle	Lehra Flag	NER	LER	Lucknow	Uttar Pradesh	E
737	Badshahnagar	Lucknow City	Lucknow city	NER	LC	Lucknow	Uttar Pradesh	D
738	Suraimanpur	Banaras	Madhosingh	NER	MBS	Varanasi	Uttar Pradesh	E
739	Basti	Basti	Orwara	NER	ORW	Lucknow	Uttar Pradesh	E
740	Badshahnagar	Lucknow City	Mahmudabad (Awadh)	NER	MMB	Lucknow	Uttar Pradesh	D
741	Belthara Road	Amin Gaon	Mahmudabad (Gohna)	NER	MM A	Varanasi	Uttar Pradesh	D
742	Mau Jn	Aunrihar Jn.	Mahpur	NER	MHO	Varanasi	Uttar Pradesh	E
743	Gonda Jn	GONDA JN	Maijapur	NER	MIR	Lucknow	Uttar Pradesh	E
744	Pilibhit Jn.	Mailani Jn	Mailani	NER	MLN	Lucknow	Uttar Pradesh	D
745	Pilibhit Jn.	Pilibhit Jn.	Majhola Pakariya	NER	MJZ	Izzatnagar	Uttar Pradesh	E
746	Kathua	BUDGAM	Baramulla	NR	BRML	FZR	Jammu & Kash	E
747	Kathua	BUDGAM	Hamre	NR	HME	FZR	Jammu & Kash	E
748	Kathua	BUDGAM	Pattan	NR	PTTN	FZR	Jammu & Kash	E
749	Kathua	BUDGAM	Qazigund	NR	QG	FZR	Jammu & Kash	E
750	Kathua	BUDGAM	Sadura	NR	SDUA	FZR	Jammu & Kash	E
751	Kathua	BUDGAM	Sopore	NR	SXZM	FZR	Jammu & Kash	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

752	Kathua	SAMBA	Samba	NR	SMB X	FZR	Jammu & Kash	D
753	Kathua	JAMMU TAWI	Bari Brahmna	NR	BBM N	FZR	Jammu & Kash	E
754	Kathua	KATHUA	Budhi	NR	BDH Y	FZR	Jammu & Kash	E
755	Kathua	KATHUA	Chak Dyala	NR	CKD L	FZR	Jammu & Kash	E
756	Kathua	KATHUA	Chhan Arorian	NR	CHN R	FZR	Jammu & Kash	E
757	Kathua	KATHUA	Ghagwal	NR	GHG L	FZR	Jammu & Kash	E
758	Kathua	KATHUA	Hira Nagar	NR	HRN R	FZR	Jammu & Kash	E
759	Kathua	JAMMU TAWI	Vijaypur Jammu	NR	VJPJ	FZR	Jammu & Kash	E
760	Kathua	UDHAMPU R	Ramnagar	NR	RNJ K	FZR	Jammu & Kash	D
761	Kathua	UDHAMPU R	Bajalta	NR	BLJ A	FZR	Jammu & Kash	E
762	Kathua	UDHAMPU R	Manwal	NR	MN VL	FZR	Jammu & Kash	E
763	Kathua	UDHAMPU R	Sanghar	NR	SGR	FZR	Jammu & Kash	E
764	Khajuraho	Talbahat	Talbahat	NCR	TBT	JHS	Uttar Pradesh	D
765	Khajuraho	Babina	Basai	NCR	BZY	JHS	MP	E
766	Khajuraho	Lalitpur	Jakhlaun	NCR	JLN	JHS	Uttar Pradesh	E
767	Khajuraho	Talbahat	Matatila	NCR	MZX	JHS	Uttar Pradesh	E
768	Lalkuan	Bareilly City	Baheri	NER	BHI	Izzatna gar	Uttar Pradesh	D
769	Pilibhit Jn.	Pilibhit Jn.	Mala	NER	MAL A	Izzatna gar	Uttar Pradesh	E
770	Kanpur (Anwargan j)	Kannauj	Mandhana Jn.	NER	MDA	Izzatna gar	Uttar Pradesh	E
771	Kannauj	Kannauj	Manimau	NER	MN MU	Izzatna gar	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

772	Kishangar h	Ajmer	Madar	NWR	MD	Ajmer	Rajastha n	D
773	Kishangar h	Ajmer	Adrash Nagar	NWR	AHO	Ajmer	Rajastha n	E
774	Kishangar h	Ajmer	Daurai	NWR	DOZ	Ajmer	Rajastha n	E
775	Kishangar h	Ajmer	Pushkar	NWR	PUHT	Ajmer	Rajastha n	E
776	Kishangar h	Ajmer	Saradhana	NWR	SDH	Ajmer	Rajastha n	E
777	Kishangar h	Kishangarh	Gegal Akhri	NWR	GEK	Jaipur	Rajastha n	E
778	Kishangar h	Kishangarh	Gehlota	NWR	GLTA	Jaipur	Rajastha n	E
779	Kishangar h	Kishangarh	Ladpura	NWR	LR	Jaipur	Rajastha n	E
780	Deoria Sadar	Nakaha Jungle	Maniram	NER	MIM	Luckno w	Uttar Pradesh	E
781	Siwan Jn	Thawe Jn	Manjhagarh	NER	MJV	Varana si	Bihar	E
782	Mairwa	Chhapra Jn	Manjhi Flag	NER	MHT	Varana si	Bihar	E
783	Gonda Jn	Bahraich	Manjhra Purab	NER	MJPB	Luckno w	Uttar Pradesh	E
784	Laksar	Laksar	Chandpur Siau	NR	CPS	MB	Uttar Pradesh	D
785	Laksar	Laksar	Balawali	NR	BLW	MB	Uttar Pradesh	E
786	Laksar	Laksar	Balia Kheri	NR	BAE	MB	Uttar Pradesh	E
787	Laksar	Laksar	Chodiala	NR	CDL	MB	Uttar Pradesh	E
788	Laksar	Laksar	Dausni	NR	DSN I	MB	Uttar Pradesh	E
789	Laksar	Laksar	Dhandhera	NR	DNR A	MB	Uttranch al	E
790	Laksar	Laksar	Iqbalpur	NR	IQB	MB	Uttranch al	E
791	Laksar	Laksar	Landaure	NR	LDR	MB	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

792	Laksar	Laksar	Muazzampur Narain	NR	MZ M	MB	Uttar Pradesh	E
793	Laksar	Laksar	Raisi	NR	RSI	MB	Uttar Pradesh	E
794	Laksar	Lalganj	Dalmau	NR	DM W	LKO	Uttar Pradesh	D
795	Laksar	Lalganj	Lal ganj	NR	LLJ	LKO	Uttar Pradesh	D
796	Laksar	Lalganj	Takia	NR	TQA	LKO	Uttar Pradesh	D
797	Laksar	Lalganj	Raghuraj Singh	NR	RRS	LKO	Uttar Pradesh	E
798	Laksar	Lalganj	Ubarani	NR	UBN	LKO	Uttar Pradesh	E
799	Lalgarh	Lalgarh	Jamsar	NWR	JMS	Bikane r	Rajastha n	E
800	Lalgarh	Lalgarh	Kanasar	NWR	KNSR	Bikane r	Rajastha n	E
801	Lalgarh	Lalgarh	Kolayat	NWR	KLYT	Bikane r	Rajastha n	E
802	Lalgarh	Lalgarh	Mahajan	NWR	MHJ	Bikane r	Rajastha n	E
803	Lalgarh	Lalgarh	Malhar	NWR	MAA R	Bikane r	Rajastha n	E
804	Lalgarh	Lalgarh	Malkisar	NWR	MLC	Bikane r	Rajastha n	E
805	Lalgarh	Lalgarh	Nal	NWR	NAL	Bikane r	Rajastha n	E
806	Lalgarh	Lalgarh	Nathwana	NWR	NTZ	Bikane r	Rajastha n	E
807	Lalgarh	Lalgarh	Nokhra	NWR	NKR A	Bikane r	Rajastha n	E
808	Lalgarh	Lalgarh	Rajiasar	NWR	RJS	Bikane r	Rajastha n	E
809	Lalgarh	Lalgarh	Sird	NWR	SIRD	Bikane r	Rajastha n	E
810	Lalgarh	Ratangarh	Ratangarh	NWR	RTG H	Bikane r	Rajastha n	D
811	Lalgarh	Ratangarh	Bigga	NWR	BIGA	Bikane r	Rajastha n	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

812	Lalgarh	Ratangarh	Dulrasar	NWR	DUS	Bikane r	Rajastha n	E
813	Lalgarh	Ratangarh	Parseneu	NWR	PSV	Bikane r	Rajastha n	E
814	Lalgarh	Ratangarh	Rajaldesar	NWR	RJR	Bikane r	Rajastha n	E
815	Lalgarh	Ratangarh	Ratangarh West	NWR	RXW	Bikane r	Rajastha n	E
816	Lalgarh	Ratangarh	Sardarshahar	NWR	SRDR	Bikane r	Rajastha n	E
817	Lalgarh	ratangarh	Parihara	NWR	PIH	Jodhp ur	Rajastha n	E
818	Lalgarh	ratangarh	Talchapar	NWR	TLC	Jodhp ur	Rajastha n	E
819	Lalitpur	Lalitpur	Agasod	NCR	AGD	JHS	MP	E
820	Lalitpur	Talbhat	Bijrotha	NCR	BJA	JHS	Uttar Pradesh	E
821	Lalitpur	Lalitpur	Dailwara	NCR	DW A	JHS	Uttar Pradesh	E
822	Lalitpur	Lalitpur	Dhaura	NCR	DUA	JHS	Uttar Pradesh	E
823	Lalitpur	Lalitpur	Jakhaura	NCR	JHA	JHS	Uttar Pradesh	E
824	Lalitpur	Lalitpur	Jiron	NCR	JRO	JHS	Uttar Pradesh	E
825	Lalitpur	Lalitpur	Karonda	NCR	KOA	JHS	MP	E
826	Lalitpur	Lalitpur	Mohasa	NCR	MXS	JHS	MP	E
827	Lalkuan	Bareilly City	Deorianan	NER	DRN	Izzatna gar	Uttar Pradesh	E
828	Kasganj Jn.	KASGANJ	Marahra	NER	MHA	Izzatna gar	Uttar Pradesh	E
829	Mairwa	Chhapra Jn	Marhaura	NER	MEW	Varana si	Bihar	E
830	Siwan Jn	Chhapra Jn	Mashrakh	NER	MHC	Varana si	Bihar	E
831	Gonda Jn	Gonda Jn	Maskanwa	NER	MSW	Luckno w	Uttar Pradesh	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

832	Gonda Jn	Bahraich	Matera	NER	MT	Luckno w	Uttar Pradesh	E
833	Mahoba	Jhansi	Garhmau	NCR	GR M	JHS	Uttar Pradesh	E
834	Mahoba	Jhansi	Karari	NCR	KRQ	JHS	Uttar Pradesh	E
835	Mahoba	Muranipur	Rora	NCR	ROR A	JHS	Uttar Pradesh	E
836	Mahoba	Khajuraho	Singhpur Dumra	NCR	SPD M	JHS	MP	E
837	Kasganj Jn.	Mathura Cantt.	Mathura Cantt.	NER	MRT	Izzatna gar	Uttar Pradesh	D
838	Kasganj Jn.	Hathras City	Mendu	NER	MEU	Izzatna gar	Uttar Pradesh	E
839	Basti	Basti	Parsa Tiwari	NER	PATI	Luckno w	Uttar Pradesh	E
840	Badshahn agar	Lucknow City	Mohibullahpur	NER	MBP	Luckno w	Uttar Pradesh	D
841	Gonda Jn	GONDA JN	Motiganj	NER	MOT G	Luckno w	Uttar Pradesh	E
842	Suraimanp ur	Aunrihar Jn.	Muftiganj	NER	MFJ	Varana si	Uttar Pradesh	E
843	Basti	Basti	Sarayan	NER	SYU	Luckno w	Uttar Pradesh	E
844	Kasganj Jn.	Mathura cantt.	Mursan	NER	MSN	Izzatna gar	Uttar Pradesh	E
845	Gonda Jn	Bahraich	Murthiha	NER	MUH	Luckno w	Uttar Pradesh	E
846	Deoria Sadar	Nakaha Jungle	Naikot Flag	NER	NIT	Luckno w	Uttar Pradesh	E
847	Deoria Sadar	Nakaha Jungle	Nakaha Jungle	NER	JEA	Luckno w	Uttar Pradesh	E
848	makrana	Bikaner	Benisar	NWR	BS	Bikane r	Rajastha n	E
849	makrana	Bikaner	Gadhwala	NWR	GDW	Bikane r	Rajastha n	E
850	makrana	Bikaner	Napasar	NWR	NPS	Bikane r	Rajastha n	E
851	makrana	Bikaner	Sri Dungargarh	NWR	SDG H	Bikane r	Rajastha n	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

852	makrana	Bikaner	Sudsar	NWR	SDF	Bikaner	Rajasthan	E
853	makrana	Lalgarh	Lunkaransar	NWR	LKS	Bikaner	Rajasthan	D
854	makrana	Lalgarh	Arjansar	NWR	AS	Bikaner	Rajasthan	E
855	makrana	Lalgarh	Bap	NWR	BAF	Bikaner	Rajasthan	E
856	makrana	Lalgarh	Dhirera	NWR	DHR R	Bikaner	Rajasthan	E
857	makrana	Lalgarh	Diyatra Road	NWR	DTRD	Bikaner	Rajasthan	E
858	makrana	Lalgarh	Dulmera	NWR	DLC	Bikaner	Rajasthan	E
859	makrana	Lalgarh	Gajner	NWR	GJN	Bikaner	Rajasthan	E
860	makrana	Lalgarh	Jagdeowala	NWR	JDL	Bikaner	Rajasthan	E
861	makrana	makrana	Kuchaman City	NWR	KMN C	Jodhpur	Rajasthan	D
862	makrana	makrana	Nawa City	NWR	NAC	Jodhpur	Rajasthan	D
863	Ghazipur City	Aunrihar Jn.	Nandganj	NER	NDJ	Varanasi	Uttar Pradesh	E
864	Gonda Jn	Bahraich	Nanpara	NER	NNP	Lucknow	Uttar Pradesh	D
865	Deoria Sadar	Nakaha Jungle	Naugarh	NER	NUH	Lucknow	Uttar Pradesh	D
866	Deoria Sadar	Nakaha Jungle	Nautanwa	NER	NTV	Lucknow	Uttar Pradesh	D
867	Gonda Jn	Bahraich	Nepalganj Road	NER	NPR	Lucknow	Uttar Pradesh	D
868	Manikpur	Manda Road	Manda Road	NCR	MNF	ALD	Uttar Pradesh	D
869	Manikpur	Naini	Naini	NCR	NYN	ALD	Uttar Pradesh	D
870	Manikpur	Chheoki	Bheer Pur	NCR	BEP	ALD	Uttar Pradesh	E
871	Manikpur	Chheoki	Chheoki	NCR	COI	ALD	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

872	Manikpur	Naini	Iradatganj	NCR	IDGJ	ALD	Uttar Pradesh	E
873	Manikpur	Naini	Jasra	NCR	JSR	ALD	Uttar Pradesh	E
874	Manikpur	Chheoki	Karchana	NCR	KCN	ALD	Uttar Pradesh	E
875	Manikpur	Naini	Lohgara	NCR	LOG	ALD	MP	E
876	Manikpur	Shankargarh	Shankargarh	NCR	SRJ	JHS	Uttar Pradesh	D
877	Manduadih	Banaras	Nigatpur Flag	NER	NTU	Varanasi	Uttar Pradesh	E
878	Pilibhit Jn.	Pilibhit Jn.	Nigohi	NER	NOH	Izzatnagar	Uttar Pradesh	E
879	Gonda Jn	Bahraich	Nishangara	NER	NSA	Lucknow	Uttar Pradesh	E
880	Siwan Jn	Bhatni Jn	Nonapar	NER	NNPR	Varanasi	Uttar Pradesh	E
881	Bhatni Jn	Bhatni Jn	Nunkhar	NER	NRA	Varanasi	Uttar Pradesh	E
882	Pilibhit Jn.	Pilibhit Jn.	Nyoriya Husenpur	NER	NRY	Izzatnagar	Uttar Pradesh	E
883	Marwar Jn	Marwar Jn	Bhinwalia	NWR	BWA	Ajmer	Rajasthan	E
884	Marwar Jn	Marwar Jn	Dhareshwar	NWR	DRS	Ajmer	Rajasthan	E
885	Marwar Jn	Marwar Jn	Kamblighat	NWR	KBK	Ajmer	Rajasthan	E
886	Marwar Jn	Marwar Jn	Phulad	NWR	FLD	Ajmer	Rajasthan	E
887	Marwar Jn	Marwar Jn	Rohat	NWR	RT	Jodhpur	Rajasthan	E
888	Marwar Jn	Sojat Road	Sojat Road	NWR	SOD	Ajmer	Rajasthan	D
889	Marwar Jn	Sojat Road	Bagri Nagar	NWR	BQN	Ajmer	Rajasthan	E
890	Marwar Jn	Sojat Road	Bagri Sajjanpur	NWR	BGX	Ajmer	Rajasthan	E
891	Marwar Jn	Sojat Road	Bar	NWR	BAR	Ajmer	Rajasthan	E
892	Marwar Jn	Sojat Road	Bhesana	NWR	BFY	Ajmer	Rajasthan	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

893	Marwar Jn	Sojat Road	Chandawal	NWR	CNL	Ajmer	Rajastha n	E
894	Marwar Jn	Sojat Road	Guriya	NWR	GRI	Ajmer	Rajastha n	E
895	Marwar Jn	Sojat Road	Haripur	NWR	HP	Ajmer	Rajastha n	E
896	Marwar Jn	Sojat Road	Baragudah	NWR	BGD	Bikane r	Haryana	E
897	Lakhimpur	Sitapur	Oel	NER	OEL	Luckno w	Uttar Pradesh	E
898	Basti	Basti	Tinich	NER	TH	Luckno w	Uttar Pradesh	E
899	Gonda Jn	Balrampur	Pachperwa	NER	PPW	Luckno w	Uttar Pradesh	E
900	Siwan Jn	Siwan Jn	Pachrukhi	NER	PCK	Varana si	Bihar	E
901	Balia	Kaptanganj Jn	Padrauna	NER	POU	Varana si	Uttar Pradesh	E
902	Mavli Jn.	Udaipur City	Fatehnagar	NWR	FAN	Ajmer	Rajastha n	E
903	Mavli Jn.	Udaipur City	Ghosunda	NWR	GSD	Ajmer	Rajastha n	E
904	Mavli Jn.	Udaipur City	Jaisamand Road	NWR	JYM	Ajmer	Rajastha n	E
905	Mavli Jn.	Udaipur City	Kharwa Chanda	NWR	KRCD	Ajmer	Rajastha n	E
906	Mavli Jn.	Udaipur City	Khemli	NWR	KLH	Ajmer	Rajastha n	E
907	Mavli Jn.	Udaipur City	Nathdwara	NWR	NDT	Ajmer	Rajastha n	E
908	Mavli Jn.	Udaipur City	Pandoli	NWR	PMO	Ajmer	Rajastha n	E
909	Mavli Jn.	Udaipur City	Umra	NWR	UM RA	Ajmer	Rajastha n	E
910	Mavli Jn.	Udaipur City	Zawar	NWR	ZW	Ajmer	Rajastha n	E
911	MEERUT CANTT.	MEERUT	DAURALA	NR	DRL A	DLI	Uttar Pradesh	E
912	MEERUT CANTT.	MEERUT	PABLI KHAS	NR	PQY	DLI	Uttar Pradesh	E
913	MEERUT CITY	MEERUT	PARTAPUR	NR	PRT P	DLI	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

914	MEERUT CITY	MEERUT	SAKHOTI TANDA	NR	SKF	DLI	Uttar Pradesh	E
915	merta road	merta road	Gudha	NWR	GA	Jodhpur	Rajasthan	E
916	merta road	merta road	Jalsu	NWR	JAC	Jodhpur	Rajasthan	E
917	merta road	merta road	Jogi Magra	NWR	JOM	Jodhpur	Rajasthan	E
918	Merta road	Merta road	Khajwana	NWR	KJW	Jodhpur	Rajasthan	E
919	merta road	merta road	Kharia Khangar	NWR	KXG	Jodhpur	Rajasthan	E
920	merta road	merta road	Khatu	NWR	KHTU	Jodhpur	Rajasthan	E
921	merta road	merta road	Kheduli	NWR	KQW	Jodhpur	Rajasthan	E
922	merta road	merta road	Khunkhuna	NWR	KKNA	Jodhpur	Rajasthan	E
923	merta road	merta road	Kiroda	NWR	KRC	Jodhpur	Rajasthan	E
924	merta road	merta road	Ladnun	NWR	LAU	Jodhpur	Rajasthan	E
925	Merta road	Merta road	Marwar Chaapari	NWR	MCP E	Jodhpur	Rajasthan	E
926	merta road	merta road	Naya Khardiya	NWR	NYK	Jodhpur	Rajasthan	E
927	merta road	merta road	Ren	NWR	REN	Jodhpur	Rajasthan	E
928	merta road	merta road	Sambhar Lake	NWR	SBR	Jodhpur	Rajasthan	E
929	Mirzapur	Chunar	Chunar	NCR	CAR	ALD	Uttar Pradesh	D
930	Mirzapur	Churk	Robertsganj	NCR	RBG J	ALD	Uttar Pradesh	D
931	Mirzapur	Churk	Aghorikhas	NCR	AGY	ALD	Uttar Pradesh	E
932	Mirzapur	Mughalsara i	Ahaura Road	NCR	AR W	ALD	Uttar Pradesh	E
933	Mirzapur	Churk	Churk	NCR	CUK	ALD	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

934	Mirzapur	Mirzapur	Dagmag Pur	NCR	DAP	ALD	Uttar Pradesh	E
935	Mirzapur	Mughalsara i	Jeonathpur	NCR	JEP	ALD	Uttar Pradesh	E
936	Mirzapur	Mirzapur	Jhingura	NCR	JHG	ALD	Uttar Pradesh	E
937	Mirzapur	Chunar	Kailhat	NCR	KYT	ALD	Uttar Pradesh	E
938	Mirzapur	Chunar	Khairahi	NCR	KHR Y	ALD	Uttar Pradesh	E
939	Mirzapur	Churk	Lusa	NCR	LUS A	ALD	Uttar Pradesh	E
940	Mirzapur	Naini	Madaraha	NCR	MTX	ALD	Uttar Pradesh	E
941	Mirzapur	Mirzapur	Pahara	NCR	PRE	ALD	Uttar Pradesh	E
942	Mirzapur	Chunar	Saktesgarh	NCR	SKG H	ALD	Uttar Pradesh	E
943	Mirzapur	Mirzapur	Gaipura	NCR	GAE	ALD	Uttar Pradesh	E
944	Mirzapur	Manda Road	Jigna	NCR	JIA	ALD	Uttar Pradesh	E
945	Morena	Gwalior	Banmor	NCR	BAO	JHS	MP	E
946	Morena	Gwalior	Girdharpur	NCR	GIW	JHS	MP	E
947	Morena	Morena	Hetampur	NCR	HET	JHS	MP	E
948	Morena	Morena	Sank	NCR	SAN K	JHS	MP	E
949	Muzaffarnagar	Muzaffarnagar	NAGAL	NR	NGL	DLI	Uttar Pradesh	E
950	Muzaffarnagar	Muzaffarnagar	ROHANA KALAN	NR	RNA	DLI	Uttar Pradesh	E
951	Muzaffarnagar	Muzaffarnagar	TALHERI BUZURG	NR	THJ	DLI	Uttar Pradesh	E
952	Muzaffarnagar	Baghpat Road	BAGHPAT ROAD	NR	BPM	DLI	Uttar Pradesh	D
953	Muzaffarnagar	BARAUT	BARAUT	NR	BTU	DLI	Uttar Pradesh	D
954	Muzaffarnagar	Khekra	KHEKRA	NR	KEX	DLI	Uttar Pradesh	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

955	Muzaffarnagar	SHAMLI	SHAMLI	NR	SMQ L	DLI	Uttar Pradesh	D
956	Muzaffarnagar	SHAMLI	HIND	NR	HID	DLI	Uttar Pradesh	E
957	Muzaffarnagar	BARAUT	KANDHLA	NR	KQL	DLI	Uttar Pradesh	E
958	Muzaffarnagar	TapriJn	MANANI	NR	MNZ	DLI	Uttar Pradesh	E
959	Muzaffarnagar	SHAMLI	NANAUTA	NR	NNX	DLI	Uttar Pradesh	E
960	Muzaffarnagar	SHAMLI	QASIMPUR KHERI	NR	KPK I	DLI	Uttar Pradesh	E
961	Muzaffarnagar	SHAMLI	RAMPUR MANIHARAN	NR	RPM N	DLI	Uttar Pradesh	E
962	Muzaffarnagar	SHAMLI	THANA BHAVAN	NR	TBT N	DLI	Uttar Pradesh	E
963	Nagaur	Nagaur	Kalanwali	NWR	KNL	Bikane r	Haryana	D
964	Nagaur	Nagaur	Alai	NWR	ALAI	Jodhp ur	Rajastha n	E
965	Nagaur	Nagaur	Badwasi	NWR	BWS	Jodhp ur	Rajastha n	E
966	Nagaur	Nagaur	Chilo	NWR	CLO	Jodhp ur	Rajastha n	E
967	Nagaur	Nagaur	Marwar Mundwa	NWR	MD W	Jodhp ur	Rajastha n	E
968	Nagaur	Nagaur	Sri Balaji	NWR	SBLJ	Jodhp ur	Rajastha n	E
969	NANGLOI	Patel Nagar	DAYA BASTI	NR	DBS I	DLI	Delhi	D
970	NANGLOI	Patel Nagar	DELHI AZADPUR	NR	DAZ	DLI	Delhi	D
971	NANGLOI	Patel Nagar	DELHI KISHANGAN J	NR	DKZ	DLI	Delhi	D
972	NANGLOI	Lahori Gate	DELHI SADAR BAZAR	NR	DSB	DLI	Delhi	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

973	Nazibabad	Moradabad	Dhampur	NR	DPR	MB	Uttar Pradesh	D
974	Nazibabad	Moradabad	Kanth	NR	KNT	MB	Uttar Pradesh	D
975	Nazibabad	Moradabad	Nagina	NR	NGG	MB	Uttar Pradesh	D
976	Nazibabad	Moradabad	Seohara	NR	SEO	MB	Uttar Pradesh	D
977	Nazibabad	Moradabad	Aghwan Pur	NR	AWP	MB	Uttar Pradesh	E
978	Nazibabad	Moradabad	Bundki	NR	BEK	MB	Uttar Pradesh	E
979	Nazibabad	Moradabad	Chakrajmal	NR	CAJ	MB	Uttar Pradesh	E
980	Nazibabad	Moradabad	Habibwala	NR	HBW	MB	Uttar Pradesh	E
981	Nazibabad	Moradabad	Harthala	NR	HRH	MB	Uttar Pradesh	E
982	Nazibabad	Moradabad	Katghar	NR	KGF	MB	Uttar Pradesh	E
983	Nazibabad	Moradabad	Kundarki	NR	KD	MB	Uttar Pradesh	E
984	Nazibabad	Moradabad	Machariya	NR	MCV	MB	Uttar Pradesh	E
985	Nazibabad	Moradabad	Matlabpur	NR	MTB	MB	Uttar Pradesh	E
986	Nazibabad	Moradabad	Mewa Nawada	NR	MWE	MB	Uttar Pradesh	E
987	Nazibabad	Moradabad	Murshadpur	NR	MSDR	MB	Uttar Pradesh	E
988	Nazibabad	Moradabad	Puraini	NR	PNI	MB	Uttar Pradesh	E
989	Nazibabad	Najibabad	Kotdwara	NR	KTW	MB	Uttaranchal	D
990	Nazibabad	Najibabad	Chandok	NR	CNK	MB	Uttar Pradesh	E
991	Nazibabad	Najibabad	Fazal Pur	NR	FZL	MB	Uttar Pradesh	E
992	Nazibabad	Najibabad	Sanh Road	NR	SNX	MB	Uttaranchal	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

993	Nihal Garh	Nihal Garh	Haider Garh	NR	HGH	LKO	Uttar Pradesh	D
994	Nihal Garh	Nihal Garh	Musafirkhana	NR	MFK A	LKO	Uttar Pradesh	D
995	Nihal Garh	Nihal Garh	Adhin Pur	NR	AHZ	LKO	Uttar Pradesh	E
996	Nihal Garh	Nihal Garh	Akbar Ganj	NR	AKJ	LKO	Uttar Pradesh	E
997	Nihal Garh	Nihal Garh	Shiv Nagar	NR	SHN G	LKO	Uttar Pradesh	E
998	Nihal Garh	Nihal Garh	Sindurwan	NR	SYW	LKO	Uttar Pradesh	E
999	Nihal Garh	Nihal Garh	Trivediganj	NR	TEG	LKO	Uttar Pradesh	E
1000	Nokha	Merta road	Hansi	NWR	HNS	Bikaner	Haryana	D
1001	Nokha	merta road	Degana	NWR	DNA	Jodhpur	Rajasthan	D
1002	Nokha	merta road	Gotan	NWR	GOT N	Jodhpur	Rajasthan	D
1003	Nokha	merta road	Merta City	NWR	MEC	Jodhpur	Rajasthan	D
1004	Nokha	merta road	Sujangarh	NWR	SUJH	Jodhpur	Rajasthan	D
1005	Nokha	merta road	Balsamand	NWR	BLSD	Jodhpur	Rajasthan	E
1006	Nokha	merta road	Besroli	NWR	BSRL	Jodhpur	Rajasthan	E
1007	Nokha	merta road	Borawar	NWR	BOW	Jodhpur	Rajasthan	E
1008	Nokha	merta road	Choti Khatu	NWR	CTKT	Jodhpur	Rajasthan	E
1009	Nokha	merta road	Didwana	NWR	DIA	Jodhpur	Rajasthan	E
1010	Nokha	merta road	Gachhipura	NWR	GCH	Jodhpur	Rajasthan	E
1011	Nokha	merta road	Govindi Marwar	NWR	GVM R	Jodhpur	Rajasthan	E
1012	Nokha	Nokha	Kalanaur Kalan	NWR	KLNK	Bikaner	Haryana	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1013	Nokha	Nokha	Deshnok	NWR	DSO	Jodhpur	Rajasthan	D
1014	Nokha	Nokha	Palana	NWR	PAE	Jodhpur	Rajasthan	E
1015	Nokha	Nokha	Surpura	NWR	SPO	Jodhpur	Rajasthan	E
1016	Nokha	Nokha	Udamsar	NWR	UMS	Jodhpur	Rajasthan	E
1017	Orai	Jhansi	Mustara	NCR	MSV	JHS	Uttar Pradesh	E
1018	Orai	Moth	Nandkhas	NCR	NDK	JHS	Uttar Pradesh	E
1019	Orai	Muranipur	Niwari	NCR	NEW	JHS	MP	E
1020	Orai	Muranipur	Orchha	NCR	ORC	JHS	MP	E
1021	Orai	Moth	Parauna	NCR	PRN	JHS	Uttar Pradesh	E
1022	Orai	Jhansi	Paricha	NCR	PIC	JHS	Uttar Pradesh	E
1023	Orai	Muranipur	Ranipur Road	NCR	RNRD	JHS	Uttar Pradesh	E
1024	Orai	Datia	Sonagir	NCR	SOR	JHS	MP	E
1025	Orai	Muranipur	Teharka	NCR	TKA	JHS	MP	E
1026	Orai	Orai	Ait	NCR	AIT	JHS	Uttar Pradesh	D
1027	Orai	Juhi	Ghatampur	NCR	GTM	JHS	Uttar Pradesh	D
1028	Orai	Orai	Kalpi	NCR	KPI	JHS	Uttar Pradesh	D
1029	Orai	Pokhrayan	Pokhrayan	NCR	PHN	JHS	Uttar Pradesh	D
1030	Orai	Orai	Ata	NCR	ATA	JHS	Uttar Pradesh	E
1031	Orai	Bhimsen	Bhimsen	NCR	BZM	JHS	Uttar Pradesh	E
1032	Orai	Orai	Bhua	NCR	BHUA	JHS	Uttar Pradesh	E
1033	Orai	Pokhrayan	Chaunrah	NCR	CNH	JHS	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1034	Orai	Ghatampur	Hamirpur Road	NCR	HAR	JHS	Uttar Pradesh	E
1035	Orai	Ghatampur	Kathara Road	NCR	KTR R	JHS	Uttar Pradesh	E
1036	Orai	Orai	Konch	NCR	KNH	JHS	Uttar Pradesh	E
1037	Orai	Pokhrayan	Lalpur	NCR	LLR	JHS	Uttar Pradesh	E
1038	Orai	Moth	Moth	NCR	MOT H	JHS	Uttar Pradesh	E
1039	Orai	Bhimsen	Paman	NCR	PMN	JHS	Uttar Pradesh	E
1040	Orai	Ghatampur	Patara	NCR	PTR E	JHS	Uttar Pradesh	E
1041	Orai	Ghatampur	Yamuna south Bank	NCR	JSB	JHS	Uttar Pradesh	E
1042	Pali Marwar	Marwar Bhinmal	Marwar Bhinmal	NWR	MBN L	Jodhp ur	Rajastha n	D
1043	Pali Marwar	Marwar Bhinmal	Dhanera	NWR	DQN	Jodhp ur	Gujarat	E
1044	Pali Marwar	Marwar Bhinmal	Jari	NWR	JARI	Jodhp ur	Gujarat	E
1045	Pali Marwar	Marwar Bhinmal	Jenal	NWR	JNZ	Jodhp ur	Gujarat	E
1046	Pali Marwar	Marwar Bhinmal	Malwara	NWR	MB W	Jodhp ur	Rajastha n	E
1047	Pali Marwar	Marwar Bhinmal	Marwar Kori	NWR	KOF	Jodhp ur	Rajastha n	E
1048	Pali Marwar	Marwar Bhinmal	Marwar Ratanpur	NWR	MSQ	Jodhp ur	Rajastha n	E
1049	Pali Marwar	Marwar Bhinmal	Ramsan	NWR	RXN	Jodhp ur	Gujarat	E
1050	Pali Marwar	Marwar Bhinmal	Raniwara	NWR	RNV	Jodhp ur	Rajastha n	E
1051	PALWAL	Palwal	ASAOTI	NR	AST	DLI	Haryana	D
1052	Panipat	Panipat	GARHI HARSARU	NR	GHH	DLI	Haryana	D
1053	Panipat	Panipat	SAMALKHA	NR	SMK	DLI	Haryana	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1054	Panipat	Panipat	BABARPUR	NR	BBD E	DLI	Haryana	E
1055	Panipat	Panipat	BHODWAL MAJRI	NR	BD MJ	DLI	Delhi	E
1056	Panipat	Panipat	DIWANA	NR	DW NA	DLI	Haryana	E
1057	Panipat	Panipat	HOLAMBI KALAN	NR	HUK	DLI	Delhi	E
1058	Panipat	Panipat	KHUKRANA	NR	KUR N	DLI	Haryana	E
1059	Panipat	Panipat	MADLAUDA	NR	MLD E	DLI	Haryana	E
1060	Panipat	Panipat	Mudlana	NR	MDL A	DLI	Haryana	E
1061	Panipat	Panipat	NAULATHA	NR	NLH	DLI	Haryana	E
1062	Panipat	Panipat	RATHDHAN A	NR	RDD E	DLI	Haryana	E
1063	Panipat	Panipat	SANDAL KALAN	NR	SLK N	DLI	Haryana	E
1064	Panipat	Panipat	SEWAHA	NR	SWD E	DLI	Haryana	E
1065	Partapgar h	Phaphama u Junction	Phapha Mau	NR	PFM	LKO	Uttar Pradesh	D
1066	Partapgar h	Phaphama u Junction	Mauaima	NR	ME M	LKO	Uttar Pradesh	E
1067	Partapgar h	Phaphama u Junction	Sarai Gopal	NR	SPG L	LKO	Uttar Pradesh	E
1068	Partapgar h	Phaphama u Junction	Sewaith	NR	SWE	LKO	Uttar Pradesh	E
1069	Partapgar h	Phaphama u	Tharwai	NR	TH W	LKO	Uttar Pradesh	E
1070	Partapgar h	Pratapgarh Jn	Badshahpur	NR	BSE	LKO	Uttar Pradesh	D
1071	Partapgar h	Pratapgarh Jn	Chilbila	NR	CIL	LKO	Uttar Pradesh	E
1072	Partapgar h	Pratapgarh Jn	Dandupur	NR	DND	LKO	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1073	Partapgarh	Pratapgarh Jn	Gaura	NR	GRX	LKO	Uttar Pradesh	E
1074	Partapgarh	Pratapgarh Jn	Jagesharganj	NR	JGJ	LKO	Uttar Pradesh	E
1075	Partapgarh	Pratapgarh Jn	Kondhour	NR	KDF	LKO	Uttar Pradesh	E
1076	Partapgarh	Pratapgarh Jn	Prithiviganj	NR	PHV	LKO	Uttar Pradesh	E
1077	Partapgarh	Pratapgarh Jn	Suwansa	NR	SWS	LKO	Uttar Pradesh	E
1078	Pathankot	PATHANKOT	Baijnath Paprola	NR	BJPL	FZR	Himachal Prade	E
1079	Pathankot	PATHANKOT	Batala	NR	BAT	FZR	Punjab	D
1080	Pathankot	Pathankot	Bhangala	NR	BNG L	FZR	Punjab	E
1081	Pathankot	PATHANKOT	Bharoli	NR	BHR L	FZR	Punjab	E
1082	Pathankot	Pathankot	Bilga	NR	BZG	FZR	Punjab	E
1083	Pathankot	PATHANKOT	Chhina	NR	CHN	FZR	Punjab	E
1084	Pathankot	PATHANKOT	Dalhousie road	NR	DLR	FZR	Himachal Prade	E
1085	Pathankot	PATHANKOT	Dhariwal	NR	DH W	FZR	Punjab	D
1086	Pathankot	PATHANKOT	Dinna Nagar	NR	DNN	FZR	Punjab	D
1087	Pathankot	Pathankot	Garna Sahib	NR	GSB	FZR	Punjab	E
1088	Pathankot	Pathankot	Ghiala	NR	GIL A	FZR	Punjab	E
1089	Pathankot	Pathankot	Guler	NR	GUL R	FZR	Himachal Prade	E
1090	Pathankot	PATHANKOT	Gurdaspur	NR	GSP	FZR	Punjab	D
1091	Pathankot	PATHANKOT	Harsar dehri	NR	HRD R	FZR	Himachal Prade	E
1092	Pathankot	PATHANKOT	Jaintipura	NR	JNT	FZR	Punjab	E
1093	Pathankot	PATHANKOT	Jawala Mukhi Road	NR	JMK R	FZR	Himachal Prade	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1094	Pathankot	PATHANKOT	Jawanwala Shehar	NR	JWLS	FZR	Himachal Prade	E
1095	Pathankot	PATHANKOT	Jhakolari	NR	JK	FZR	Punjab	E
1096	Pathankot	PATHANKOT	Joginder Nagar	NR	JDNX	FZR	Himachal Prade	E
1097	Pathankot	Pathankot	Kandrori	NR	KNDI	FZR	Himachal Prade	E
1098	Pathankot	PATHANKOT	Kangra	NR	KGRA	FZR	Himachal Prade	E
1099	Pathankot	PATHANKOT	Kangra Mandir	NR	KGMR	FZR	Himachal Prade	E
1100	Pathankot	PATHANKOT	Kathunangal	NR	KNG	FZR	Punjab	E
1101	Pathankot	PATHANKOT	Kopar Lehar	NR	KPLR	FZR	Himachal Prade	E
1102	Pathankot	PATHANKOT	Madhopur Punjab	NR	MDPB	FZR	Punjab	E
1103	Pathankot	Pathankot	Maghrajpora	NR	MG RP	FZR	Himachal Prade	E
1104	Pathankot	PATHANKOT	Nagrota	NR	NGRT	FZR	Himachal Prade	E
1105	Pathankot	PATHANKOT	Nagrota Surian	NR	NGRS	FZR	Himachal Prade	E
1106	Pathankot	PATHANKOT	Nandpur Batoli	NR	NDBT	FZR	Himachal Prade	E
1107	Pathankot	PATHANKOT	Nurpur Road	NR	NUPR	FZR	Himachal Prade	E
1108	Pathankot	PATHANKOT	Palampur Himachal	NR	PLMX	FZR	Himachal Prade	E
1109	Pathankot	PATHANKOT	Parmanand	NR	PMQ	FZR	Punjab	E
1110	Pathankot	PATHANKOT	Punchrukhi	NR	PHRH	FZR	Himachal Prade	E
1111	Pathankot	PATHANKOT	Qadian	NR	QDN	FZR	Punjab	E
1112	Pathankot	PATHANKOT	Samloti	NR	SMLT	FZR	Himachal Prade	E
1113	Pathankot	PATHANKOT	Sarna	NR	SRA	FZR	Punjab	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1114	Pathankot	PATHANKOT	Sohal	NR	SOHL	FZR	Punjab	E
1115	Pathankot	PATHANKOT	Sujanpur	NR	SJNP	FZR	Punjab	D
1116	Pathankot	PATHANKOT	Sulah	NR	SLHP	FZR	Himachal Prade	E
1117	Pathankot	PATHANKOT	Talara	NR	TLRA	FZR	Himachal Prade	E
1118	Pathankot	PATHANKOT (No	Ajhu	NR	AHJ	FZR	Himachal Prade	E
1119	Phagwara	NAKODAR	Kapurthala	NR	KXH	FZR	Punjab	D
1120	Phagwara	NAKODAR	Lohian Khas	NR	LNK	FZR	Punjab	D
1121	Phagwara	No RCIL OFC	Nakodar	NR	NRO	FZR	Punjab	D
1122	Phagwara	Nakodar	Bolina Doaba	NR	BLND	FZR	Punjab	E
1123	Phagwara	NAKODAR	Hussainpur	NR	HSQ	FZR	Punjab	E
1124	Phagwara	Nakodar	Jamsher Khas	NR	JME	FZR	Punjab	E
1125	Phagwara	NAKODAR	Khojewala	NR	KWJ	FZR	Punjab	E
1126	Phagwara	NAKODAR	Malsihan Shahkot	NR	MQS	FZR	Punjab	E
1127	Phagwara	NAKODAR	Nurmahal	NR	NR M	FZR	Punjab	E
1128	Phagwara	NAKODAR	Pajian	NR	PJA	FZR	Punjab	E
1129	Phagwara	NAKODAR	Partap pura	NR	PPB	FZR	Punjab	E
1130	Phagwara	NAKODAR	Shankar	NR	SQK	FZR	Punjab	E
1131	Phagwara	NAKODAR	Sultanpur Lodhi	NR	SQR	FZR	Punjab	E
1132	Phagwara	No RCIL OFC	Hoshiarpur	NR	HSX	FZR	Punjab	D
1133	Phagwara	JALANDHAR	Kartarpur	NR	KRE	FZR	Punjab	D
1134	Phagwara	JALANDHAR	Alawalpur	NR	AWL	FZR	Punjab	E
1135	Phagwara	JALANDHAR	Bharmar	NR	BRMR	FZR	Himachal Prade	E
1136	Phagwara	JALANDHAR	Chiheru	NR	CEU	FZR	Punjab	E
1137	Phagwara	JALANDHAR	Garh Shankar	NR	GSR	FZR	Punjab	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1138	Phagwara	JALANDHAR	Jaijon Doaba	NR	JJJ	FZR	Punjab	E
1139	Phaphund	Kanpur Goods M	Govindpuri	NCR	GOY	ALD	Uttar Pradesh	D
1140	Phaphund	Panki	Panki	NCR	PNK	ALD	Uttar Pradesh	D
1141	Phaphund	Rura	Rura	NCR	RURA	ALD	Uttar Pradesh	D
1142	Phaphund	Panki	Bhaupur	NCR	BPU	ALD	Uttar Pradesh	E
1143	Phaphund	Kanpur Central	Chakeri	NCR	CHK	ALD	Uttar Pradesh	E
1144	Phaphund	Kanpur Central	Chandari	NCR	CNB I	ALD	Uttar Pradesh	E
1145	Phaphund	Rura	Maitha	NCR	MTO	ALD	Uttar Pradesh	E
1146	Phaphund	Bindki Road	Prempur	NCR	PMP R	ALD	Uttar Pradesh	E
1147	Phaphund	Kanpur Central	Rooma	NCR	RX M	ALD	Uttar Pradesh	E
1148	Phaphund	Kanpur Central	Sarsaul	NCR	SSL	ALD	Uttar Pradesh	E
1149	Phaphund	Phaphund	Achalda	NCR	ULD	ALD	Uttar Pradesh	D
1150	Phaphund	Phaphund	Jhinhak	NCR	JKK	ALD	Uttar Pradesh	D
1151	Phaphund	Phaphund	Ambiapur	NCR	AAP	ALD	Uttar Pradesh	E
1152	Phaphund	Phaphund	Kanchausi	NCR	KNS	ALD	Uttar Pradesh	E
1153	Phillaur	Dhandari Kalan	Dhandari Kalan	NR	DDL	FZR	Punjab	D
1154	Phillaur	LUDHIANA jn	Moga	NR	MQF	FZR	Punjab	D
1155	Phillaur	LUDHIANA jn	Ajitwal	NR	AJL	FZR	Punjab	E
1156	Phillaur	LUDHIANA jn	Baddowal	NR	BWZ	FZR	Punjab	E
1157	Phillaur	LUDHIANA jn	Banga	NR	BXB	FZR	Punjab	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1158	Phillaur	LUDHIANA Jn	Behram	NR	BH M	FZR	Punjab	E
1159	Phillaur	LUDHIANA Jn	Chownkiman	NR	CK M	FZR	Punjab	E
1160	Phillaur	LUDHIANA Jn	Dagru	NR	DAU	FZR	Punjab	E
1161	Phillaur	Ludhiana Jn	Ghal Kalan	NR	GKX	FZR	Punjab	E
1162	Phillaur	Ludhiana Jn	Goraya	NR	GRY	FZR	Punjab	E
1163	Phillaur	Ludhiana Jn	Jagraon	NR	JGN	FZR	Punjab	E
1164	Phillaur	Ludhiana Jn	Ladhowal	NR	LD W	FZR	Punjab	E
1165	Phillaur	Ludhiana Jn	Model Gram	NR	MG	FZR	Punjab	E
1166	Phillaur	Ludhiana Jn	Mullanpur	NR	MLX	FZR	Punjab	E
1167	Phillaur	Ludhiana Jn	Nanaksar	NR	NNK R	FZR	Punjab	E
1168	Phillaur	Dhandari Kalan	Sahnewal	NR	SNL	FZR	Punjab	E
1169	Phillaur	Khanna	Khanna	NR	KNN	UMB	Punjab	D
1170	Phillaur	Khanna	Chawapail	NR	CHA	UMB	Punjab	E
1171	Phillaur	Khanna	Doraha	NR	DOA	UMB	Punjab	E
1172	Phul Pur	Phul Pur	Sarai Chandi	NR	SYC	LKO	Uttar Pradesh	E
1173	Phul Pur	Phul Pur	Ugrasenpur	NR	URP R	LKO	Uttar Pradesh	E
1174	Phul Pur	Phul Pur	Vishwanath Ganj	NR	BTJ	LKO	Uttar Pradesh	E
1175	Phulera	Phulera	Asalpur Jobner	NWR	JOB	Jaipur	Rajastha n	D
1176	Phulera	Phulera	Bheslana	NWR	BILA	Jaipur	Rajastha n	E
1177	Phulera	Phulera	Bobas	NWR	BOBS	Jaipur	Rajastha n	E
1178	Phulera	Phulera	Hirnoda	NWR	HDA	Jaipur	Rajastha n	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1179	Phulera	Phulera	Khandel	NWR	KNDL	Jaipur	Rajastha n	E
1180	Phulera	Phulera	Naraina	NWR	NRI	Jaipur	Rajastha n	E
1181	Phulera	Phulera	Peepli Ka Bas	NWR	PKBS	Jaipur	Rajastha n	E
1182	Phulera	Phulera	Sakhun	NWR	SK	Jaipur	Rajastha n	E
1183	Phulera	Raman	Raman	NWR	RMN	Bikane r	Punjab	D
1184	Phulera	Raman	Shergarh	NWR	SGA	Bikane r	Punjab	E
1185	Phulera	ringus	Neem Ka Thana	NWR	NMK	Jaipur	Rajastha n	D
1186	Phulera	ringus	Ringus	NWR	RGS	Jaipur	Rajastha n	D
1187	Phulera	ringus	Shrimadhopur	NWR	SMP R	Jaipur	Rajastha n	D
1188	Phulera	ringus	Badhal	NWR	BDHL	Jaipur	Rajastha n	E
1189	Phulera	Ringus	Bavri Thikria	NWR	BOTI	Jaipur	Rajastha n	E
1190	Phulera	ringus	Bhagega	NWR	BAG A	Jaipur	Rajastha n	E
1191	Phulera	ringus	Govindgarh Malikpur	NWR	GND	Jaipur	Rajastha n	E
1192	Phulera	ringus	Kachera	NWR	KACA	Jaipur	Rajastha n	E
1193	Phulera	ringus	Kanwat	NWR	KAW T	Jaipur	Rajastha n	E
1194	Phulera	ringus	Kishanmanpur a	NWR	KMN P	Jaipur	Rajastha n	E
1195	Phulera	Ringus	Maonda	NWR	MAD A	Jaipur	Rajastha n	E
1196	Phulera	ringus	Pachar Malikpur	NWR	PCM K	Jaipur	Rajastha n	E
1197	Phulera	ringus	Palsana	NWR	PLSN	Jaipur	Rajastha n	E
1198	Phulera	ringus	Renwal	NWR	RNW	Jaipur	Rajastha n	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1199	Pilibhit Jn.	Mailani Jn	Palia Kalan	NER	PLK	Lucknow	Uttar Pradesh	D
1200	Balia	Kaptanganj Jn	Paniyahawa	NER	PNYA	Varanasi	Uttar Pradesh	D
1201	Lalkuan	Lal Kuna Jn	Kichha	NER	KHH	Izzatnagar	Uttarakhand	D
1202	Gonda Jn	Balrampur	Parsa	NER	PRZ	Lucknow	Uttar Pradesh	E
1203	Sitapur	Sitapur	Parsendi	NER	PSN	Lucknow	Uttar Pradesh	E
1204	Siwan Jn	Chhapra Jn	Paterhi	NER	PEE	Varanasi	Bihar	E
1205	Kasganj Jn.	Kasganj Jn	Patiali	NER	PTI	Izzatnagar	Uttar Pradesh	D
1206	Gonda Jn	Balrampur	Payagpur	NER	PDR	Lucknow	Uttar Pradesh	D
1207	Deoria Sadar	Nakaha Jungle	Peppeganj	NER	PJ	Lucknow	Uttar Pradesh	E
1208	Mau Jn	Azamgarh	Phariha	NER	PHY	Varanasi	Uttar Pradesh	E
1209	Ghazipur City	Ballia	Phephna Jn.	NER	PEP	Varanasi	Uttar Pradesh	E
1210	Kashipur Jn.	Kashipur Jn.	Pipalsana	NER	PLS	Izzatnagar	Uttar Pradesh	E
1211	Balia	Kaptanganj Jn	Pipraich	NER	PPC	Varanasi	Uttar Pradesh	D
1212	Azamgarh	MAU JN	Pipridih	NER	PPH	Varanasi	Uttar Pradesh	E
1213	Pilibhit Jn.	Pilibhit Jn.	Puranpur	NER	PP	Izzatnagar	Uttar Pradesh	D
1214	Sitapur	Burhwal Jn	Rafinagar Flag	NER	RFR	Lucknow	Uttar Pradesh	E
1215	Gonda Jn	Bahraich	Raibhoja	NER	RBJ	Lucknow	Uttar Pradesh	E
1216	Manduadih	Banaras	Raja Talab	NER	RTB	Varanasi	Uttar Pradesh	E
1217	Siwan Jn	Thawe Jn	Rajapatti	NER	RPV	Varanasi	Bihar	E
1218	Suraimanpur	Varanasi City	Rajawari	NER	RJI	Varanasi	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1219	Pilibhit Jn.	Not Exist	Rajnaraipur	NER	RNIR	Lucknow	Uttar Pradesh	E
1220	Deoria Sadar	Kaptanganj Jn	Ramkola	NER	RKL	Varanasi	Uttar Pradesh	E
1221	Kashipur Jn.	Kashipur Jn.	Ramnagar	NER	RMR	Izzatnagar	Uttarakhand	D
1222	Suraimanpur	Prayagraj	Ramnathpur	NER	RTR	Varanasi	Uttar Pradesh	E
1223	Belthara Road	Ballia	Rasra	NER	RSR	Varanasi	Uttar Pradesh	D
1224	Azamgarh	MAU JN	Ratanpura	NER	RTP	Varanasi	Uttar Pradesh	E
1225	Siwan Jn	Thawe Jn	Ratansarai	NER	RTU	Varanasi	Bihar	E
1226	Kasganj Jn.	Hathras City	Rati Ka Nagla	NER	RKN	Izzatnagar	Uttar Pradesh	E
1227	Prayag	Kunda	kunda Harnam Ganj	NR	KHNM	LKO	Uttar Pradesh	D
1228	Prayag	Kunda	Lal Gopal Ganj	NR	LGO	LKO	Uttar Pradesh	D
1229	Prayag	Kunda	Atram Pur	NR	ARP	LKO	Uttar Pradesh	E
1230	Prayag	Prayag	Prayag Ghat	NR	PYG	LKO	Uttar Pradesh	E
1231	Prayag	Kunda	Ram Chaura Road	NR	RMC	LKO	Uttar Pradesh	E
1232	Prayag	Unchahar	Garhi Manik Pur	NR	GRMR	LKO	Uttar Pradesh	D
1233	Prayag	Unchahar	Unchahar	NR	UCR	LKO	Uttar Pradesh	D
1234	Prayag	Unchahar	Bhadri	NR	BHDR	LKO	Uttar Pradesh	E
1235	Prayag	Unchahar	Jalalpur Dahi	NR	JPD	LKO	Uttar Pradesh	E
1236	Prayag	Unchahar	Lachhmanpur	NR	LMN	LKO	Uttar Pradesh	E
1237	Prayag	Unchahar	Pariyawan Kala Kankar	NR	PQN	LKO	Uttar Pradesh	E
1238	Rae - Bareli Jn.	Utraitia Junction	Anupganj	NR	APG	LKO	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1239	Rae - Bareli Jn.	Utraitia Junction	Bakkas	NR	BKKS	LKO	Uttar Pradesh	E
1240	Rae - Bareli Jn.	Malhaur	Malhour	NR	ML	LKO	Uttar Pradesh	E
1241	Rae - Bareli Jn.	Utraitia Junction	Rahmat Nagar	NR	RMNR	LKO	Uttar Pradesh	E
1242	Rae - Bareli Jn.	Utraitia Junction	Utraitia	NR	UTR	LKO	Uttar Pradesh	E
1243	Rae - Bareli Jn.	Bachhrawan	Bachhrawan	NR	BCN	LKO	Uttar Pradesh	D
1244	Rae - Bareli Jn.	Bachhrawan	Kundan Ganj	NR	KVG	LKO	Uttar Pradesh	E
1245	Rae - Bareli Jn.	Bachhrawan	Mohan Lal Ganj	NR	MLJ	LKO	Uttar Pradesh	E
1246	Rae - Bareli Jn.	Bachhrawan	Nigohan	NR	NHN	LKO	Uttar Pradesh	E
1247	Rae - Bareli Jn.	Bachhrawan	Sri Raj Nagar	NR	SAGR	LKO	Uttar Pradesh	E
1248	Rae - Bareli Jn.	Rae - Bareli Jn.	Daryapur	NR	DYP	LKO	Uttar Pradesh	E
1249	Rae - Bareli Jn.	Rae - Bareli Jn.	Ganga Ganj	NR	GANG	LKO	Uttar Pradesh	E
1250	Rae - Bareli Jn.	Rae - Bareli Jn.	Harchandpur	NR	HCP	LKO	Uttar Pradesh	E
1251	Rae - Bareli Jn.	Rae - Bareli Jn.	Rupamau	NR	RUM	LKO	Uttar Pradesh	E
1252	Rai Ka Bagh Palace Jn	Jodhpur Jn	Basni	NWR	BANE	Jodhpur	Rajasthan	D
1253	Rai Ka Bagh Palace Jn	Jodhpur Jn	Bhagat Ki Kothi	NWR	BGKT	Jodhpur	Rajasthan	D
1254	Rai Ka Bagh Palace Jn	LUNI JN	Luni	NWR	LN	Jodhpur	Rajasthan	D
1255	Rai Ka Bagh Palace Jn	Jodhpur Jn	Marwar Mathania	NWR	MMY	Jodhpur	Rajasthan	D
1256	Rai Ka Bagh Palace Jn	Jodhpur Jn	Asarnada	NWR	AAS	Jodhpur	Rajasthan	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1257	Rai Ka Bagh Palace Jn	Jodhpur Jn	Banar	NWR	BNO	Jodhpur	Rajasthan	E
1258	Rai Ka Bagh Palace Jn	Jodhpur Jn	Bomadra	NWR	BOM	Jodhpur	Rajasthan	E
1259	Rai Ka Bagh Palace Jn	Jodhpur Jn	Hanwant	NWR	HWT	Jodhpur	Rajasthan	E
1260	Rai Ka Bagh Palace Jn	Jodhpur Jn	Jajiwal	NWR	JWL	Jodhpur	Rajasthan	E
1261	Rai Ka Bagh Palace Jn	Jodhpur Jn	Kairla	NWR	KAI	Jodhpur	Rajasthan	E
1262	Rai Ka Bagh Palace Jn	Jodhpur Jn	Kheri Salwa	NWR	KSW	Jodhpur	Rajasthan	E
1263	Rai Ka Bagh Palace Jn	Jodhpur Jn	Mahamandir	NWR	MMC	Jodhpur	Rajasthan	E
1264	Rai Ka Bagh Palace Jn	Jodhpur Jn	Mandore	NWR	MDB	Jodhpur	Rajasthan	E
1265	Rai Ka Bagh Palace Jn	Jodhpur Jn	Osian	NWR	OSN	Jodhpur	Rajasthan	E
1266	Rai Ka Bagh Palace Jn	Jodhpur Jn	Pipar Road	NWR	PPR	Jodhpur	Rajasthan	E
1267	Rai Ka Bagh Palace Jn	Jodhpur Jn	Rajkiyawas	NWR	RKZ	Jodhpur	Rajasthan	E
1268	Rai Ka Bagh Palace Jn	Jodhpur Jn	Salawas	NWR	SZ	Jodhpur	Rajasthan	E
1269	Rai Ka Bagh Palace Jn	Jodhpur Jn	Samrau	NWR	SRK	Jodhpur	Rajasthan	E
1270	Rai Ka Bagh Palace Jn	Jodhpur Jn	Sathin Road	NWR	SWF	Jodhpur	Rajasthan	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1271	Rai Ka Bagh Palace Jn	Jodhpur Jn	Tiwari	NWR	TIW	Jodhpur	Rajasthan	E
1272	Rai Ka Bagh Palace Jn	Jodhpur Jn	Umed	NWR	UMED	Jodhpur	Rajasthan	E
1273	Raiwala	Haridwar	Motichur	NR	MOTC	MB	Uttar Pradesh	D
1274	Raiwala	Haridwar	Aithal	NR	ATMO	MB	Uttaranchal	E
1275	Raja Ki Mandi	Agra Fort	Idgah	NCR	IDH	AGC	Uttar Pradesh	D
1276	Raja Ki Mandi	Agra Cantt	Nadbai	NCR	NBI	AGC	Rajasthan	D
1277	Raja Ki Mandi	Agra Cantt	Agra city	NCR	AGA	AGC	Uttar Pradesh	E
1278	Raja Ki Mandi	Agra Fort	Bandh Bareta	NCR	BR	AGC	Rajasthan	E
1279	Raja Ki Mandi	Agra Fort	Bansi Paharpur	NCR	BIQ	AGC	Rajasthan	E
1280	Raja Ki Mandi	Agra Fort	Bichpuri	NCR	BCP	AGC	Uttar Pradesh	E
1281	Raja Ki Mandi	Raja ki Mandi Po	Bilochpura	NCR	BFP	AGC	Uttar Pradesh	E
1282	Raja Ki Mandi	Agra Cantt	Chhalesar	NCR	CHLR	AGC	Uttar Pradesh	E
1283	Raja Ki Mandi	Agra Cantt	Etmadpur	NCR	ETUE	AGC	Uttar Pradesh	E
1284	Raja Ki Mandi	Raja ki Mandi Po	Farah	NCR	FAR	AGC	Uttar Pradesh	E
1285	Raja Ki Mandi	Fatehpur Sikri	Fateh pur Sikri	NCR	FTS	AGC	Uttar Pradesh	E
1286	Raja Ki Mandi	Fatehpur Sikri	Kiraoli	NCR	KLB	AGC	Uttar Pradesh	E
1287	Raja Ki Mandi	Raja ki Mandi Po	Kitham	NCR	KXM	AGC	Uttar Pradesh	E
1288	Raja Ki Mandi	Raja ki Mandi Po	Runkuta	NCR	RNKA	AGC	Uttar Pradesh	E
1289	Raja Ki Mandi	Achhnera Jn	Achhnera Jn	NCR	AH	AGC	Uttar Pradesh	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1290	Raja Ki Mandi	Achhnera Jn	Kherli	NCR	KL	AGC	Rajasthan	D
1291	Raja Ki Mandi	Achhnera Jn	Mandawar Mahwa Road	NCR	MURD	AGC	Rajasthan	D
1292	Raja Ki Mandi	Achhnera Jn	Biwai	NCR	BW	AGC	Rajasthan	E
1293	Raja Ki Mandi	Achhnera Jn	Chiksana	NCR	CIK	AGC	Rajasthan	E
1294	Raja Ki Mandi	Achhnera Jn	Ghosrana	NCR	GOS	AGC	Rajasthan	E
1295	Raja Ki Mandi	Achhnera Jn	Helak	NCR	HK	AGC	Rajasthan	E
1296	Raja Ki Mandi	Achhnera Jn	Ikran	NCR	IK	AGC	Rajasthan	E
1297	Raja Ki Mandi	Achhnera Jn	Karanpura	NCR	KPO	AGC	Rajasthan	E
1298	Raja Ki Mandi	Achhnera Jn	Paprera	NCR	PPEA	AGC	Rajasthan	E
1299	Raja Ki Mandi	Achhnera Jn	Raibha	NCR	RAI	AGC	Uttar Pradesh	E
1300	Rajpura Jn.	PATIALA	Nabha	NR	NBA	UMB	Punjab	D
1301	Rajpura Jn.	PATIALA	Chintan Wala	NR	CTW	UMB	Punjab	E
1302	Rajpura Jn.	PATIALA	DaunKalan	NR	DOC	UMB	Punjab	E
1303	Rajpura Jn.	PATIALA	Dhabian	NR	DBN	UMB	Punjab	E
1304	Rajpura Jn.	PATIALA	Kauli	NR	KLI	UMB	Punjab	E
1305	Rajpura Jn.	PATIALA	Kaulseri	NR	KLSX	UMB	Punjab	E
1306	Rajpura Jn.	AMBALA CANTT	Ambala City	NR	UBC	UMB	Haryana	D
1307	Rajpura Jn.	AMBALA CANTT	Dhulkot	NR	DKT	UMB	Haryana	E
1308	Rajpura Jn.	AMBALA CANTT	Dukheri	NR	DOKY	UMB	Haryana	E
1309	Rajpura Jn.	AMBALA CANTT	MOHRI	NR	MOY	UMB	Haryana	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1310	Rajpura Jn.	Kalka	Barog	NR	BOF	UMB	Himachal Prade	E
1311	Rajpura Jn.	Kalka	Dharampur Himachal	NR	DMP	UMB	Himachal Prade	E
1312	Rajpura Jn.	Kalka	Gumman	NR	GM M	UMB	Himachal Prade	E
1313	Rajpura Jn.	Kalka	Koti	NR	KOT I	UMB	Himachal Prade	E
1314	Rajpura Jn.	Kalka	Kumarhatti	NR	KMT I	UMB	Himachal Prade	E
1315	Rajpura Jn.	Kalka	Sonwara	NR	SWO	UMB	Himachal Prade	E
1316	Rajpura Jn.	Kalka	Taksal	NR	TSL	UMB	Himachal Prade	E
1317	Rajpura Jn.	Rajpura Jn.	Sambhu	NR	SMU	UMB	Punjab	E
1318	Rajpura Jn.	Rajpura Jn.	Sarai Banjara	NR	SBJ	UMB	Punjab	E
1319	Rajpura Jn.	Shimla	Shimla	NR	SML	UMB	Himachal Prade	D
1320	Rajpura Jn.	Shimla	Jutogh	NR	JTO	UMB	Himachal Prade	E
1321	Rajpura Jn.	Shimla	Kandaghat	NR	KDZ	UMB	Himachal Prade	E
1322	Rajpura Jn.	Shimla	Kanoh	NR	KAN O	UMB	Himachal Prade	E
1323	Rajpura Jn.	Shimla	Katchleeghat	NR	KEJ	UMB	Himachal Prade	E
1324	Rajpura Jn.	Shimla	Salogra	NR	SLR	UMB	Himachal Prade	E
1325	Rajpura Jn.	Shimla	Shoghi	NR	SGS	UMB	Himachal Prade	E
1326	Rajpura Jn.	Shimla	Solan	NR	SOL	UMB	Himachal Prade	E
1327	Rajpura Jn.	Shimla	Summerhill	NR	SHZ	UMB	Himachal Prade	E
1328	Rajpura Jn.	Shimla	Taradevi	NR	TVI	UMB	Himachal Prade	E
1329	Rampur	Rampur	Bhitaure	NR	BTO	MB	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1330	Rampur	Rampur	Dalpat Pur	NR	DLP	MB	Uttar Pradesh	E
1331	Rampur	Rampur	Dhamora	NR	DAM	MB	Uttar Pradesh	E
1332	Rampur	Rampur	Dhaneta	NR	DAN	MB	Uttar Pradesh	E
1333	Rampur	Rampur	Duganpur	NR	DUN	MB	Uttar Pradesh	E
1334	Rampur	Rampur	Milak	NR	MIL	MB	Uttar Pradesh	E
1335	Rampur	Rampur	Mundha Pande	NR	MPH	MB	Uttar Pradesh	E
1336	Rampur	Rampur	Nagaria Sadat	NR	NRS	MB	Uttar Pradesh	E
1337	Rampur	Rampur	Parsa Khera	NR	PKRA	MB	Uttar Pradesh	E
1338	Rampur	Rampur	Shahjadnagar	NR	SAR	MB	Uttar Pradesh	E
1339	Rani	Marwar Jn	Somesar	NWR	SOS	Ajmer	Rajasthan	D
1340	Rani	Marwar Jn	Auwa	NWR	AUWA	Ajmer	Rajasthan	E
1341	Rani	Marwar Jn	Bata.R.Nath.Garh	NWR	BGG	Ajmer	Rajasthan	E
1342	Rani	Marwar Jn	Jawali	NWR	JAL	Ajmer	Rajasthan	E
1343	Rani	Falna	Bhagwanpura	NWR	BGPR	Ajmer	Rajasthan	E
1344	Rewari	Rewari	Amarpur Jorasi	NWR	APJ	Jaipur	Haryana	E
1345	Rewari	Rewari	Ateli	NWR	AEL	Jaipur	Haryana	E
1346	Rewari	Rewari	Bawal	NWR	BWL	Jaipur	Haryana	E
1347	Rewari	Rewari	Kathuwas	NWR	KTW S	Jaipur	Rajasthan	E
1348	Rewari	Rewari	Khori	NWR	KORI	Jaipur	Haryana	E
1349	Rewari	Rewari	Kund	NWR	KUN D	Jaipur	Haryana	E
1350	Rewari	Sadulpur	Loharu	NWR	LHU	Bikaner	Haryana	D
1351	Rewari	Sadulpur	Mahendra Garh	NWR	MHR G	Bikaner	Haryana	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1352	Rewari	Sadulpur	Sadulpur	NWR	SDLP	Bikane r	Rajastha n	D
1353	Rewari	Sadulpur	Tehsil Bhadra	NWR	TSD	Bikane r	Rajastha n	D
1354	Rewari	Sadulpur	Anupshahar	NWR	AUS	Bikane r	Rajastha n	E
1355	Rewari	Sadulpur	Dahina Zainabad	NWR	DZB	Bikane r	Haryana	E
1356	Rewari	Sadulpur	Dokawa	NWR	DKW A	Bikane r	Rajastha n	E
1357	Rewari	Sadulpur	Dudhwa Khara	NWR	DKX	Bikane r	Rajastha n	E
1358	Rewari	Sadulpur	Gogameri	NWR	GAM I	Bikane r	Rajastha n	E
1359	Rewari	Sadulpur	Hadyal	NWR	HYL	Bikane r	Rajastha n	E
1360	Rewari	Sadulpur	Harpalu	NWR	HR	Bikane r	Rajastha n	E
1361	Rewari	Sadulpur	Jhumpa	NWR	JUP	Bikane r	Rajastha n	E
1362	Rewari	Sadulpur	Kaninakhas	NWR	KNN K	Bikane r	Haryana	E
1363	Rewari	Sadulpur	Nangalmundi	NWR	NNU	Bikane r	Haryana	E
1364	Rewari	Sadulpur	Narwasi	NWR	NRW I	Bikane r	Rajastha n	E
1365	Rewari	Sadulpur	Parvez Pur	NWR	PVZ	Bikane r	Haryana	E
1366	Rewari	Sadulpur	Rampura Beri	NWR	RMB	Bikane r	Rajastha n	E
1367	Rewari	Sadulpur	Satnali	NWR	STNL	Bikane r	Haryana	E
1368	Rewari	Sadulpur	Sidhmukh	NWR	SDM K	Bikane r	Rajastha n	E
1369	Rewari	Sadulpur	Sohansara	NWR	SAW N	Bikane r	Haryana	E
1370	Rewari	Sadulpur	Suratpura	NWR	SURP	Bikane r	Rajastha n	E
1371	Rewari	Sadulpur	Zerapur Pali	NWR	ZP	Bikane r	Haryana	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1372	Rishikesh	Haridwar	Jwalapur	NR	JWP	MB	Uttranch al	D
1373	Rohtak	ROHTAK	KARAINTHI	NR	KHV	DLI	Haryana	E
1374	Rohtak	ROHTAK	KHARAWAR	NR	KRZ	DLI	Haryana	E
1375	Rohtak	ROHTAK	KILA ZAFARGARH	NR	KZH	DLI	Haryana	E
1376	Rohtak	ROHTAK	SAMAR GOPALPUR	NR	SMF	DLI	Haryana	E
1377	Roorkee	Haridwar	Ikkar	NR	IKK	MB	Uttranch al	E
1378	Roorkee	Haridwar	Pathri	NR	PRI	MB	Uttranch al	E
1379	Roorkee	Rishikesh	Virbhadr	NR	VRH	MB	Uttranch al	E
1380	Roorkee	SAHARANP UR	Kalanour	NR	KNZ	UMB	Haryana	E
1381	Roorkee	SAHARANP UR	Pilkhani	NR	PKY	UMB	Uttar Pradesh	E
1382	Deoria Sadar	Nakaha Jungle	Rawatganj	NER	RJ	Luckno w	Uttar Pradesh	E
1383	SAHIBAB AD	Khurja	Chola	NCR	CHL	ALD	Uttar Pradesh	D
1384	SAHIBAB AD	Dadri	Dadri	NCR	DER	ALD	Uttar Pradesh	D
1385	SAHIBAB AD	Dadri	Dankaur	NCR	DKD E	ALD	Uttar Pradesh	D
1386	SAHIBAB AD	Khurja	Khurja	NCR	KRJ	ALD	Uttar Pradesh	D
1387	SAHIBAB AD	Dadri	Ajaibpur	NCR	AJR	ALD	Uttar Pradesh	E
1388	SAHIBAB AD	Khurja	Danwar	NCR	DAR	ALD	Uttar Pradesh	E
1389	SAHIBAB AD	Khurja	Sikandarpur	NCR	SKQ	ALD	Uttar Pradesh	E
1390	SAHIBAB AD	Dadri	Maripat	NCR	MIU	ALD	Uttar Pradesh	E
1391	SAHIBAB AD	Khurja	Wair	NCR	WIR	ALD	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1392	SAHIBAB AD	Modinagar	MODINAGAR	NR	MD NR	DLI	Uttar Pradesh	D
1393	SAHIBAB AD	Modinagar	MURADNAGAR	NR	MU D	DLI	Uttar Pradesh	D
1394	SAHIBAB AD	Ghaziabad	NAYA GHAZIABAD	NR	GZN	DLI	Uttar Pradesh	D
1395	SAHIBAB AD	Anandvihar	VIVEK VIHAR	NR	VVB	DLI	Delhi	D
1396	SAHIBAB AD	Modinagar	GULDHAR	NR	GUH	DLI	Uttar Pradesh	E
1397	Deoria Sadar	Nakaha Jungle	Rawatpur	NER	RPO	Lucknow	Uttar Pradesh	D
1398	Kasganj Jn.	Mathura cantt.	Raya	NER	RAY A	Izzatnagar	Uttar Pradesh	E
1399	Pilibhit Jn.	Mailani Jn	Razaganj	NER	RZJ	Lucknow	Uttar Pradesh	E
1400	Siwan Jn	Ballia	Reoti	NER	ROI	Varanasi	Uttar Pradesh	E
1401	Siwan Jn	Chhapra Jn	Revelganj	NER	RVG	Varanasi	Bihar	E
1402	Shahganj	Shahganj	Malipur	NR	MLP R	LKO	Uttar Pradesh	D
1403	Shahganj	Shahganj	Kheta Sarai	NR	KS	LKO	Uttar Pradesh	E
1404	Shahganj	Shahganj	Tulsi Nagar	NR	TLG R	LKO	Uttar Pradesh	E
1405	Shahjahanpur	Shahjahanpur	Roza	NR	RAC	MB	Uttar Pradesh	D
1406	Shahjahanpur	Shahjahanpur	Banthara	NR	BTR A	MB	Uttar Pradesh	E
1407	Shahjahanpur	Shahjahanpur	Jahani Khera	NR	JKH	MB	Uttar Pradesh	E
1408	Shahjahanpur	Shahjahanpur	Jang Bahadur Ganj	NR	JBG	MB	Uttar Pradesh	E
1409	Shahjahanpur	Shahjahanpur	Maikal Ganj	NR	MIN J	MB	Uttar Pradesh	E
1410	Shahjahanpur	Bala Mau	Beniganj	NR	BEJ	MB	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1411	Shahjahan pur	Bala Mau	Bala Mau	NR	BLM	MB	Uttar Pradesh	D
1412	Shahjahan pur	Bala Mau	Bangar Mau	NR	BG MU	MB	Uttar Pradesh	E
1413	Shahjahan pur	Bala Mau	Madhoganj	NR	MA H	MB	Uttar Pradesh	E
1414	Shahjahan pur	Bala Mau	Makhi	NR	MK HI	MB	Uttar Pradesh	E
1415	Shahjahan pur	Bala Mau	Mallawan	NR	ML W	MB	Uttar Pradesh	E
1416	Shahjahan pur	Bala Mau	Methi tikur halt	NR	MTE R	MB	Uttar Pradesh	E
1417	Shahjahan pur	Bala Mau	Safipur	NR	SFP R	MB	Uttar Pradesh	E
1418	Shakurbas ti	Sakurbasti	MANGOLPU RI	NR	MGL P	DLI	Delhi	D
1419	Shakurbas ti	Patel Nagar	NARELA	NR	NUR	DLI	Delhi	D
1420	Shakurbas ti	Patel Nagar	PATEL NAGAR	NR	PTN R	DLI	Delhi	D
1421	Shakurbas ti	Nagloi	GHEVRA	NR	GHE	DLI	Haryana	E
1422	Shikohabad	Shikohabad	Mainpuri	NCR	MN Q	ALD	Uttar Pradesh	D
1423	Shikohabad	Shikohabad	Balrai	NCR	BBL	ALD	Uttar Pradesh	E
1424	Shikohabad	Shikohabad	Bhadan	NCR	BDN	ALD	Uttar Pradesh	E
1425	Shikohabad	Shikohabad	Bhongaon	NCR	BGQ	ALD	Uttar Pradesh	E
1426	Shikohabad	Shikohabad	Kaurara	NCR	KAA	ALD	Uttar Pradesh	E
1427	Shikohabad	Shikohabad	Kosma	NCR	KOZ	ALD	Uttar Pradesh	E
1428	Shikohabad	Shikohabad	Makkhanpur	NCR	MN R	ALD	Uttar Pradesh	E
1429	Shikohabad	Shikohabad	Mota	NCR	MOT A	ALD	Uttar Pradesh	E
1430	Shikohabad	Shikohabad	Nibkarori	NCR	NBU E	ALD	Uttar Pradesh	E
1431	Sikar	narnaul	Narnaul	NWR	NNL	Jaipur	Haryana	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1432	Sikar	narnaul	Dabla	NWR	DBLA	Jaipur	Rajastha n	E
1433	Sikar	narnaul	Jillo	NWR	JILO	Jaipur	Rajastha n	E
1434	Sikar	Rewaru	Mirzapur Bachhod	NWR	MBV	Jaipur	Haryana	E
1435	Sikar	narnaul	Nizampur	NWR	NIP	Jaipur	Haryana	E
1436	Sikar	niwai	Banasthali Niwai	NWR	BNL W	Jaipur	Rajastha n	D
1437	Sikar	niwai	Chauth Ka Barwara	NWR	CKB	Jaipur	Rajastha n	D
1438	Sikar	niwai	Chaksu	NWR	CKS	Jaipur	Rajastha n	E
1439	Sikar	niwai	Channani	NWR	CHN N	Jaipur	Rajastha n	E
1440	Sikar	niwai	Devpura	NWR	DPZ	Jaipur	Rajastha n	E
1441	Sikar	niwai	Isarda	NWR	ISA	Jaipur	Rajastha n	E
1442	Sikar	niwai	Siras	NWR	SRAS	Jaipur	Rajastha n	E
1443	Sikar	sikar	Chirawa	NWR	CRW A	Jaipur	Rajastha n	D
1444	Sikar	Sikar	Jhunjhunu	NWR	JJN	Jaipur	Rajastha n	D
1445	Sikar	sikar	Bissau	NWR	BUB	Jaipur	Rajastha n	E
1446	Sikar	sikar	Dundlod Mukandgarh	NWR	DOB	Jaipur	Rajastha n	E
1447	Sikar	sikar	Fatehpur Shekhawati	NWR	FPS	Jaipur	Rajastha n	E
1448	Sikar	sikar	Goriyan	NWR	GIO	Jaipur	Rajastha n	E
1449	Sikar	Sikar	Jerthi Dhadia	NWR	JDD	Jaipur	Rajastha n	E
1450	Sikar	sikar	Kayamsar	NWR	QMS R	Jaipur	Rajastha n	E
1451	Sikar	sikar	Laxmangarh Sikar	NWR	LNH	Jaipur	Rajastha n	E
1452	Sikar	sikar	Nawalgarh	NWR	NWH	Jaipur	Rajastha n	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1453	Sikar	sikar	Nua	NWR	NUA	Jaipur	Rajastha n	E
1454	Sikar	sikar	Ramgarh Shekhawati	NWR	RSW T	Jaipur	Rajastha n	E
1455	Sikar	sikar	Ratanshahar	NWR	RSH	Jaipur	Rajastha n	E
1456	Sikar	sikar	Surajgarh	NWR	SRGH	Jaipur	Rajastha n	E
1457	Sirhind Jn.	CHANDIGA RH	Chandimandir	NR	CND M	UMB	Haryana	D
1458	Sirhind Jn.	CHANDIGA RH	Dhappar	NR	DHP R	UMB	Punjab	E
1459	Sirhind Jn.	CHANDIGA RH	Ghaggar	NR	GHG	UMB	Punjab	E
1460	Sirhind Jn.	CHANDIGA RH	Kharar	NR	KAR R	UMB	Punjab	E
1461	Sirhind Jn.	CHANDIGA RH	Lalru	NR	LLU	UMB	Punjab	E
1462	Sirhind Jn.	CHANDIGA RH	Sahibzada Ajit Singh	NR	SAS N	UMB	Punjab	E
1463	Sirhind Jn.	Dhuri Jn.	Dhuri Jn.	NR	DUI	UMB	Punjab	D
1464	Sirhind Jn.	Dhuri Jn.	Maler Kotla	NR	MET	UMB	Punjab	D
1465	Sirhind Jn.	Dhuri Jn.	Sangrur	NR	SAG	UMB	Punjab	D
1466	Sirhind Jn.	Dhuri Jn.	Sunam	NR	SFM	UMB	Punjab	D
1467	Sirhind Jn.	Dhuri Jn.	Ahmedgarh	NR	AHH	UMB	Punjab	E
1468	Sirhind Jn.	Dhuri Jn.	Bahadur Singh Wala	NR	BSS	UMB	Punjab	E
1469	Sirhind Jn.	Dhuri Jn.	Chajli	NR	CJL	UMB	Punjab	E
1470	Sirhind Jn.	Dhuri Jn.	Gill	NR	GIL L	UMB	Punjab	E
1471	Sirhind Jn.	Dhuri Jn.	Gobindgarh Khokar	NR	GGK R	UMB	Punjab	E
1472	Sirhind Jn.	Dhuri Jn.	Gumey	NR	GRN	UMB	Punjab	E
1473	Sirhind Jn.	Dhuri Jn.	Himmatana	NR	HMI	UMB	Punjab	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1474	Sirhind Jn.	Dhuri Jn.	Kila Raipur	NR	QRP	UMB	Punjab	E
1475	Sirhind Jn.	Dhuri Jn.	Kup	NR	KUP	UMB	Punjab	E
1476	Sirhind Jn.	Dhuri Jn.	Lehragaga	NR	LHA	UMB	Punjab	E
1477	Sirhind Jn.	Dhuri Jn.	Rohira Ghallugara	NR	RH W	UMB	Punjab	E
1478	Sirhind Jn.	Sirhind Jn.	Mandi Govindgarh	NR	GVG	UMB	Punjab	D
1479	Sirhind Jn.	Sirhind Jn.	Bassi Pathanan	NR	BSP N	UMB	Punjab	E
1480	Sirhind Jn.	Sirhind Jn.	Fateh Garh Sahib	NR	FGS B	UMB	Punjab	E
1481	Sirhind Jn.	Sirhind Jn.	Nogawan	NR	NG WN	UMB	Punjab	E
1482	Sirhind Jn.	Sirhind Jn.	Sadhoo Garh	NR	SDY	UMB	Punjab	E
1483	Sirhind Jn.	Sirhind Jn.	Sarsawa	NR	SSW	UMB	Uttar Pradesh	E
1484	Sirsa	Sirsa	Bhattu	NWR	BHT	Bikane r	Haryana	D
1485	Sirsa	Sirsa	Mandi Adampur	NWR	ADR	Bikane r	Haryana	D
1486	Sirsa	Sirsa	Ding	NWR	DNG	Bikane r	Haryana	E
1487	Sirsa	Sirsa	Jakhod Khera	NWR	JKHI	Bikane r	Haryana	E
1488	Sirsa	Sirsa	Suchan Kotli	NWR	SHN	Bikane r	Haryana	E
1489	Gonda Jn	Bahraich	Risia	NER	RS	Luckno w	Uttar Pradesh	E
1490	Kashipur Jn.	Kashipur Jn.	Roshanpur	NER	RHN	Izzatna gar	Uttar Pradesh	D
1491	Farrukhab ad Jn.	Farrukhaba d	Rudain	NER	RDN	Izzatna gar	Uttar Pradesh	D
1492	Lalkuan	Lal Kuan Jn	Pantnagar	NER	PBW	Izzatna gar	Uttarak hand	E
1493	Azamgarh	Aunrihar Jn.	Sadat	NER	SDT	Varana si	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1494	Ghazipur City	Ballia	Sagarpali	NER	SVI	Varana si	Uttar Pradesh	E
1495	Suraimanpur	Ballia	Sahatwar	NER	STW	Varana si	Uttar Pradesh	D
1496	Kasganj Jn.	Hathras City	Sahawar Town	NER	SWR T	Izzatnagar	Uttar Pradesh	D
1497	Khalilabad	Basti	Maghar	NER	MHH	Lucknow	Uttar Pradesh	E
1498	Suraimanpur	Prayagraj	Saidabad	NER	SDC	Varana si	Uttar Pradesh	E
1499	Ghazipur City	Aunrihar Jn.	Saiyedpur Bhitri	NER	SYH	Varana si	Uttar Pradesh	E
1500	Sitapur	Sandila	Dalel Nagar	NR	DLQ	MB	Uttar Pradesh	E
1501	Sitapur	Sandila	Dilawar Nagar	NR	DIL	MB	Uttar Pradesh	E
1502	Sitapur	Sandila	Rahimabad	NR	RBD	MB	Uttar Pradesh	E
1503	Sitapur	Sandila	Umartali	NR	UTA	MB	Uttar Pradesh	E
1504	Sitapur	Sandila	Unchaulia	NR	UCH	MB	Uttar Pradesh	E
1505	Sitapur	Sitapur City	Sitapur Cantt.	NR	SCC	MB	Uttar Pradesh	D
1506	Sitapur	Sitapur City	Sitapur City	NR	SPC	MB	Uttar Pradesh	D
1507	Sitapur	Sitapur City	Hempur	NR	HMP	MB	Uttar Pradesh	E
1508	Sitapur	Sitapur City	Maholi	NR	MA HO	MB	Uttar Pradesh	E
1509	Sitapur	Sitapur City	Misrik Tirath	NR	MST H	MB	Uttar Pradesh	E
1510	Sitapur	Sitapur City	Naimisharanya	NR	NM	MB	Uttar Pradesh	E
1511	Sitapur	Sitapur City	Ramkot	NR	RAK	MB	Uttar Pradesh	E
1512	Belthara Road	Azamgarh	Sarai Mir	NER	SMZ	Varana si	Uttar Pradesh	D
1513	Azamgarh	Azamgarh	Sarai Rani	NER	RKS	Varana si	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1514	Khalilabad	Basti	Munderwa	NER	MND	Luckno w	Uttar Pradesh	E
1515	Deoria Sadar	Deoria Sadar	Sardarnagar	NER	SANR	Varana si	Uttar Pradesh	E
1516	Sitapur	Burhwal Jn	Sarju	NER	SUJ	Luckno w	Uttar Pradesh	E
1517	Kashipur Jn.	Kashipur Jn.	Sarkara	NER	SKX	Izzatna gar	Uttar Pradesh	E
1518	Suraimanp ur	Varanasi City	Sarnath	NER	SRNT	Varana si	Uttar Pradesh	E
1519	Mairwa	Thawe Jn	Sasamusa	NER	SSU	Varana si	Bihar	E
1520	Azamgarh	Azamgarh	Sathiaon	NER	SAA	Varana si	Uttar Pradesh	E
1521	Bhatni Jn	Bhatni Jn	Satraon Flag	NER	STZ	Varana si	Uttar Pradesh	E
1522	Pilibhit Jn.	Pilibhit Jn.	Sehramau	NER	SW	Izzatna gar	Uttar Pradesh	E
1523	Lalkuan	Bareilly City	Richha Road	NER	RR	Izzatna gar	Uttar Pradesh	E
1524	Suraimanp ur	Ghazipur City	Shahbajkuli	NER	SKB	Varana si	Uttar Pradesh	E
1525	Pilibhit Jn.	Pilibhit Jn.	Shahbaznagar	NER	SZN	Izzatna gar	Uttar Pradesh	E
1526	Pilibhit Jn.	Pilibhit Jn.	Shahgarh	NER	SG	Izzatna gar	Uttar Pradesh	E
1527	Pilibhit Jn.	Pilibhit Jn.	Shahi	NER	SSC	Izzatna gar	Uttar Pradesh	E
1528	Pilibhit Jn.	Pilibhit Jn.	Shahjahanpur	NER	SZP	Izzatna gar	Uttar Pradesh	D
1529	Siwan Jn	Chhapra Jn	Sham Kauria Flag	NER	SMK R	Varana si	Bihar	E
1530	Farrukhab ad Jn.	Farrukhaba d	Shamsabad	NER	SSD	Izzatna gar	Uttar Pradesh	E
1531	Rudrapur City	KASGANJ	Bilaspur Road	NER	BLQR	Izzatna gar	Uttar Pradesh	E
1532	Gonda Jn	Balrampur	Shohratgarh	NER	SOT	Luckno w	Uttar Pradesh	E
1533	Badshahn agar	Lucknow City	Sidhauli	NER	SD	Luckno w	Uttar Pradesh	D

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1534	Siwan Jn	Thawe Jn	Sidhwalia	NER	SQW	Varana si	Bihar	E
1535	Kasganj Jn.	Hathras City	Sikandra Rao	NER	SKA	Izzatna gar	Uttar Pradesh	D
1536	Bhatni Jn	Kaptanganj Jn	Siswa Bazar	NER	SBZ	Varana si	Uttar Pradesh	D
1537	SONIPAT	SONIPAT	GANAUR	NR	GNU	DLI	Haryana	D
1538	SONIPAT	SONIPAT	GOHANA	NR	GHN A	DLI	Haryana	D
1539	Sri Ganganag ar	Sri	Anupgarh	NWR	APH	Bikane r	Rajastha n	D
1540	Sri Ganganag ar	Sri	Banwali	NWR	BWC	Bikane r	Rajastha n	E
1541	Sri Ganganag ar	Sri Ganganag ar	Gajsinghpur	NWR	GJS	Bikane r	Rajastha n	E
1542	Sri Ganganag ar	Sri Ganganag ar	Jetsar	NWR	JES	Bikane r	Rajastha n	E
1543	Sri Ganganag ar	Sri Ganganag ar	Kalyankot	NWR	KYNT	Bikane r	Rajastha n	E
1544	Sri Ganganag ar	Sri Ganganag ar	Kesri Singhpur	NWR	KESR	Bikane r	Rajastha n	E
1545	Sri Ganganag ar	Sri	Mohan Nagar	NWR	MNG R	Bikane r	Rajastha n	E
1546	Sri Ganganagar	As per field inputs, no OFC	Fatuhi	NR	FTH	UMB	Rajastha n	E
1547	Sri Ganganagar	As per field	Hindumal Kote	NR	HM K	UMB	Rajastha n	E
1548	SUBZI MANDI	Adarshna garde	BADLI	NR	BHD	DLI	Delhi	D
1549	Sultanpur	Faizabad	Rudauli	NR	RDL	LKO	Uttar Pradesh	D
1550	Sultanpur	Faizabad	Acharya Narendra Dev	NR	ACN D	LKO	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1551	Sultanpur	Faizabad	Baragaon	NR	BN M	LKO	Uttar Pradesh	E
1552	Sultanpur	Faizabad	Bharat Kund	NR	BTK D	LKO	Uttar Pradesh	E
1553	Sultanpur	Faizabad	Bilhar Ghat	NR	BLG	LKO	Uttar Pradesh	E
1554	Sultanpur	Faizabad	Darshan Nagar	NR	DRG	LKO	Uttar Pradesh	E
1555	Sultanpur	Faizabad	Deorakot	NR	DEL O	LKO	Uttar Pradesh	E
1556	Sultanpur	Faizabad	Gauria Mau	NR	GM U	LKO	Uttar Pradesh	E
1557	Sultanpur	Faizabad	Khajurahat	NR	KJA	LKO	Uttar Pradesh	E
1558	Sultanpur	Faizabad	Masodha	NR	MSO D	LKO	Uttar Pradesh	E
1559	Sultanpur	Faizabad	Raozagaon	NR	RZN	LKO	Uttar Pradesh	E
1560	Sultanpur	Faizabad	Salarpur	NR	SLP R	LKO	Uttar Pradesh	E
1561	Sultanpur	Faizabad	Sohawal	NR	SLW	LKO	Uttar Pradesh	E
1562	Sultanpur	Sultanpur	Lambhua	NR	LBA	LKO	Uttar Pradesh	D
1563	Sultanpur	Sultanpur	Bandhua Kalan	NR	BDK N	LKO	Uttar Pradesh	E
1564	Sultanpur	Sultanpur	Bhadaian	NR	BDI N	LKO	Uttar Pradesh	E
1565	Sultanpur	Lambhua	Koiri Pur	NR	KEP R	LKO	Uttar Pradesh	E
1566	Sultanpur	Sultanpur	Kurebhar	NR	KBE	LKO	Uttar Pradesh	E
1567	Sultanpur	Lambhua	Maharani Paschim	NR	MW P	LKO	Uttar Pradesh	E
1568	Sultanpur	Sultanpur	Pakhrauli	NR	PKX	LKO	Uttar Pradesh	E
1569	Sultanpur	Sultanpur	Pipar Pur	NR	PPU	LKO	Uttar Pradesh	E
1570	Siwan Jn	Siwan Jn	Siwan Kacheri Flag	NER	SVC	Varana si	Bihar	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1571	Kasganj Jn.	Mathura cantt.	Sonai	NER	SYZ	Izzatnagar	Uttar Pradesh	E
1572	Rudrapur City	Lal Kuan Jn	Chamraua	NER	CHRU	Izzatnagar	Uttar Pradesh	E
1573	Rudrapur City	Lal Kuan Jn	Haldi Road	NER	HLDD	Izzatnagar	Uttarakhand	E
1574	Gonda Jn	GONDA JN	Subhagpur	NER	SUBR	Lucknow	Uttar Pradesh	E
1575	Gonda Jn	FATEHPUR	Sundhiamau	NER	SDAM	Lucknow	Uttar Pradesh	E
1576	Mankapur Jn	MANKAPUR JN	Swami Narain Chapia	NER	SNC	Lucknow	Uttar Pradesh	E
1577	Suraimanpur	Ghazipur City	Tajpur Dehma	NER	TJD	Varanasi	Uttar Pradesh	E
1578	Deoria Sadar	Kaptanganj Jn	Tamkuhi Raod	NER	TOI	Varanasi	Uttar Pradesh	E
1579	Pilibhit Jn.	Pilibhit Jn.	Tanakpur	NER	TPU	Izzatnagar	Uttarakhand	D
1580	Ghazipur City	Aunrihar Jn.	Taraon	NER	TRN	Varanasi	Uttar Pradesh	E
1581	Mairwa	Thawe Jn	Tariasujan	NER	TRJ	Varanasi	Bihar	E
1582	Sitapur	Burhwal Jn	Tehsil Fatehpur	NER	TSF	Lucknow	Uttar Pradesh	D
1583	Siwan Jn	Chhapra Jn	Tekanwas	NER	TKV	Varanasi	Bihar	E
1584	Siwan Jn	Thawe Jn	Thawe Jn.	NER	THE	Varanasi	Bihar	D
1585	Pilibhit Jn.	Mailani Jn	Tikunia	NER	TQN	Lucknow	Uttar Pradesh	E
1586	Khalilabad	Basti	Sahjanwa	NER	SWA	Lucknow	Uttar Pradesh	E
1587	Gonda Jn	Balrampur	Tulsiapur	NER	TLR	Lucknow	Uttar Pradesh	D
1588	Bhatni Jn	Bhatni Jn	Turtipar	NER	TTI	Varanasi	Uttar Pradesh	E
1589	Deoria Sadar	Kaptanganj Jn	Unaula	NER	UNLA	Varanasi	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1590	Gonda Jn	Balrampur	Useka Bazar	NER	UB	Lucknow	Uttar Pradesh	E
1591	Kanpur (Anwarganj)	Kannauj	Uttripura	NER	UTP	Izzatnagar	Uttar Pradesh	E
1592	Suraimanpur	Varanasi City	Varanasi City	NER	BCY	Varanasi	Uttar Pradesh	D
1593	Suraimanpur	Ghazipur City	Yusufpur	NER	YFP	Varanasi	Uttar Pradesh	D
1594	Suratgarh	Sri	Prithviraj Pur	NWR	PRUR	Bikaner	Rajasthan	E
1595	Suratgarh	Sri	Raisingh Nagar	NWR	RSNR	Bikaner	Rajasthan	E
1596	Suratgarh	Sri	Ramsinghpur	NWR	RMSR	Bikaner	Rajasthan	E
1597	Suratgarh	Sri	Sadulshahar*	NWR	SDS	Bikaner	Rajasthan	E
1598	Suratgarh	Sri	Sarupsar	NWR	SRPR	Bikaner	Rajasthan	E
1599	Suratgarh	Sri	Sri Karanpur	NWR	SRW	Bikaner	Rajasthan	E
1600	Suratgarh	Sri	Sri Vijaynagar	NWR	SBNR	Bikaner	Rajasthan	E
1601	Tundla Jn	Tundla Jn	Barhan	NCR	BRN	ALD	Uttar Pradesh	E
1602	Tundla Jn	Tundla Jn	Chamrola	NCR	CMR	ALD	Uttar Pradesh	E
1603	Tundla Jn	Tundla Jn	Etah	NCR	ETH	ALD	Uttar Pradesh	E
1604	Tundla Jn	Tundla Jn	Jalesar City	NCR	JSC	ALD	Uttar Pradesh	E
1605	Tundla Jn	Tundla Jn	Mitawali	NCR	MTI	ALD	Uttar Pradesh	E
1606	Udaipur City	Udaipur City	Kapasan	NWR	KIN	Ajmer	Rajasthan	D
1607	Udaipur City	Udaipur City	Ranapratap Ngr.	NWR	RPZ	Ajmer	Rajasthan	D
1608	Udaipur City	Udaipur City	Badisadri	NWR	BI	Ajmer	Rajasthan	E
1609	Udaipur City	Udaipur City	Bhimal	NWR	BIML	Ajmer	Rajasthan	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1610	Udaipur City	Udaipur City	Bhupalsagar	NWR	BSJ	Ajmer	Rajasthan	E
1611	Udaipur City	Udaipur City	Charbhuja Road	NWR	CBG	Ajmer	Rajasthan	E
1612	Udaipur City	Udaipur City	Debari	NWR	DRB	Ajmer	Rajasthan	E
1613	Una Himachal	Nangal Dam	Anandpur Sahib	NR	ANS B	UMB	Punjab	D
1614	Una Himachal	Nangal Dam	Kiratpur Sahib	NR	KAR T	UMB	Punjab	D
1615	Una Himachal	Nangal Dam	Nangal Dam	NR	NLD M	UMB	Punjab	D
1616	Una Himachal	Nangal Dam	Amb Andaura	NR	AAD R	UMB	Himachal Prade	E
1617	Una Himachal	Nangal Dam	Bharat Garh	NR	BAR J	UMB	Punjab	E
1618	Una Himachal	Nangal Dam	Churau Takrala	NR	CHT L	UMB	Himachal Prade	E
1619	Una Himachal	Nangal Dam	Naya Nangal (Halt)	NR	NNG L	UMB	Punjab	E
1620	Una Himachal	Nangal Dam	Rai Mehatpur	NR	MTP R	UMB	Himachal Prade	E
1621	Una Himachal	Ropar	Kurali	NR	KRL I	UMB	Punjab	D
1622	Una Himachal	Ropar	Rup Nagar	NR	RPA R	UMB	Punjab	D
1623	Una Himachal	Ropar	Ghanauli	NR	GAN L	UMB	Punjab	E
1624	Una Himachal	Ropar	Manipur	NR	MNP R	UMB	Punjab	E
1625	Una Himachal	Ropar	Morinda	NR	MR ND	UMB	Punjab	E
1626	Una Himachal	New Morinda	New Morinda	NR	NM DA	UMB	Punjab	E
1627	Unnao	Kanpur Bridge Left Bank	Kanpur Left Bank Bridge	NR	CPB	LKO	Uttar Pradesh	D
1628	Unnao	Unnao	Ajgain	NR	AJ	LKO	Uttar Pradesh	E
1629	Unnao	Kanpur Central	Bigha Pur	NR	BQP	LKO	Uttar Pradesh	E

ई- निविदा सं. रेलटेल / टेंडर / ओटी / एन.आर. / वीएसएस - डी और ई / 2022-23 / 03
E-Tender No. RailTel/Tender/OT/NR/VSS-D&E/2022-23/03

1630	Unnao	Unnao	Kusumbhi	NR	KVX	LKO	Uttar Pradesh	E
1631	Unnao	Kanpur Bridge Left Bank	Magarwara	NR	MG W	LKO	Uttar Pradesh	E
1632	Unnao	Unnao	Sonik	NR	SIC	LKO	Uttar Pradesh	E
1633	Vindhyachal	Mirzapur	Birohi	NCR	BEO	ALD	Uttar Pradesh	E

Annexure– II – Make & Model of Hardware/Software already present at RPF Thana/Post

SN	Description	OEM	Make	Model
1.	RPF Thana/Post	Camera	XX	XX
2.		FRS Software	XX	XX
3.		VMS Software	XX	XX
4.		VA Software	XX	XX
5.		VMS/NVR Hardware	XX	XX
6.		Storage	XX	XX
7.		EMS Hardware	XX	XX
8.		EMS Software	XX	XX
9.		CCC Software	M/s Intellve	

Annexure-III- Indicative list of Number of Cameras to be installed at Stations

SN	Type of Camera	D & E Category Station
1	Dome	0
2	PTZ	1
3	Fixed Bullet	9
4	4k UHD Bullet	0
	Total	10

Note:-

Bidders to take a note that these numbers are assumed to estimate the required cameras at each Railway stations, however the actual number of cameras deployed may vary as per the actual site requirements and design approved by Indian Railways and RailTel.

SECTION-I CHAPTER- 8

8.0 TECHNICAL, FUNCTIONAL REQUIREMENTS & SPECIFICATIONS

Note 1: The proposed solution must meet all technical and functional specifications mentioned in the latest Technical specification released by RDSO **Specification no. RDSO/SPN/TC/65/2021 version-6 (or latest)** or else otherwise defined the tender document.

In case of any conflict on the solution design parameters, system functional requirements and technical specification of a system/item between RDSO Specification no. RDSO/SPN/TC/65/2021 version-6 or latest and the tender conditions, RDSO specification version-6 or latest will prevail.

Note 2: It may kindly be noted that in the specification wherever support for a feature has been asked for, it will mean that the feature should be available without RailTel requiring any other hardware/software/licenses. Thus all hardware/software/licenses required for enabling the support/feature shall be included in the offer.

Note 3: VSS, being a turnkey project, any additional hardware and software/license required for completion of VSS work as per scope of this work shall be supplied by the selected bidder without any additional cost to RailTel.

Note 4: The below mentioned technical specifications for the supply items are bare minimum requirements of the purchaser, the supply items quoted by bidder must comply with these technical specifications. However, the bidder can quote the items with higher technical specifications catering to the futuristic requirements of the proposed solution.

8.1 Video Surveillance System (VSS)/CCTV System

8.1.1 **Broadly, the system functionality, technical requirement and hardware specifications shall be as per RDSO Specification of IP Based Video Surveillance System Specification no. RDSO/SPN/TC/65/2021 Version 6.0 or latest with all amendments for IP based CCTV at Stations.**

8.1.2 General Requirement

8.1.2.1 The equipment shall be able to work in the temperature range and humidity as specified in the corresponding clauses of the specification. All Equipment's Earthing strip should be of Copper make of suitable size extended to common Earth pit at a given station/location.

8.1.3 Design parameters

8.1.3.1 General Parameters

8.1.3.1.1 Implementation scheme for Video Surveillance system will be RPF Thana/ Post Clustered based architecture as mentioned in RDSO specification no.

RDSO/SPN/TC/65/2021Version 6.0 or latest will all amendments. For implementation of the proposed system, RPF Thana/Post would be receiving video feeds from group of stations based on jurisdiction of that respective RPF Thana/ Post through MPLS/ IP network for Video Management (Viewing and Monitoring) and Video Recording. Therefore, bidder is required to propose a cluster-based solution at RPF Thana/Post locations on the basis of following design parameters.

8.1.3.1.2 Following assumptions have been considered while calculating the SOR Quantities of following major items, however, same may vary during implementation as per Railway's approved drawing:

SN	Item/Location	Assumptions
1)	Cameras	
i)	Identified Locations for PTZ Type Cameras	One for each Platform and One for Parking Area/Taxi Stand
ii)	Identified Locations for Bullet Type Cameras	Remaining locations
2)	RPF Thana/Post (Local Monitoring Center)	
i.	Location for Local Monitoring Center	Nearest RPF Thana/Post
ii.	Number of PC workstation	1 (not covered under the scope of this tender).
iii.	Number of LFD Monitor	2 (not covered under the scope of this tender).
iv.	Number of PTZ Controller enabled Digital Keyboard	1
v.	Video Management and Recording Software as per Cameras	For all cameras in D/E Category stations (not covered under the scope of this tender).
vi.	Video Analytic Software as per Cameras	For 20% of cameras installed in D/E Category stations. Supplied licenses will support both online (for 20% of cameras) and offline mode (same licenses supplied for 20% of cameras for online mode will be used for the remaining cameras in offline mode) (not covered under the scope of this tender).
vii.	Facial Recognition System Software as per Cameras (if required)	For cameras installed at D/E Category stations. Licenses will support both online and offline mode (same licenses supplied for entry/exit cameras for online mode will be used for the remaining cameras at stations in offline mode) (not covered

SN	Item/Location	Assumptions
		under the scope of this tender).
viii.	VMS Servers/Workstation/N VR with Redundancy	For cameras installed in D/E Category stations as per RDSO Specification (not covered under the scope of this tender).
ix.	Video Analytic Servers/Workstation with Redundancy	For cameras installed in D/E Category stations as per RDSO Specification (not covered under the scope of this tender).
x.	Facial Recognition Servers/Workstation	For cameras installed in all the cluster stations of the RPF Thana as per RDSO Specification (not covered under the scope of this tender).
xi.	External Storage Requirement	Recording for 30 days. In addition, 10% space as spare (not covered under the scope of this tender).
3)	Divisional Monitoring Center	
i)	Location for Divisional Monitoring Center	At Divisional Control Offices
ii)	Number of PC workstation	1 (not covered under the scope of this tender).
iii)	Number of LFD Monitor	2 (not covered under the scope of this tender).
iv)	Number of PTZ Controller enabled Digital Keyboard	1 (not covered under the scope of this tender).
4)	Zonal Monitoring Center	
i)	Location for Zonal Monitoring Center	At Zonal Control Offices
ii)	Number of PC workstation	1 (not covered under the scope of this tender).
iii)	Number of LFD Monitor	2 (not covered under the scope of this tender).
iv)	Number of PTZ Controller enabled Digital Keyboard	1 (not covered under the scope of this tender).
5)	Railway Board	
i)	Location for Railway Board	Railway Board
ii)	Number of PC workstation	1 (not covered under the scope of this tender).
iii)	Number of LFD Monitor	2 (not covered under the scope of this tender).
iv)	Number of PTZ Controller enabled Digital Keyboard	1 (not covered under the scope of this tender).
6)	DC-DR for VSS	

SN	Item/Location	Assumptions
i)	VMS Server/ Workstation with Redundancy.	All alerts& image/configuration file from VMS at RFP Thana/Post will be stored at this site. There will be no viewing at this level. Server(s)/Workstation for Video Management System should be provided with N:1 redundancy (HA mode) in RailTel Data centres (not covered under the scope of this tender) .
ii)	FRS Server / workstation including DB with Redundancy	All alerts & image/configuration file from FRS at RFP Thana/Post will be stored at this site. FRS Server/workstation including database should be provided with N:1 redundancy (HA mode) in RailTel Data centres (not covered under the scope of this tender) .
iii)	External Storage Requirement.	For keeping flagged/ marked video data by RPF personnel for longer retention, VA alerts across all stations within the jurisdiction of RailTel Region for 30 days, Audit trail logs, application data etc. will be stored at the data center where 240 TB of storage has been envisaged in the RFP (not covered under the scope of this tender) .
7)	Command Control Centre (CCC) –	All VMS (including existing VMS application, if required), VA & FRS applications of all the four regions (viz. NR, ER, WR & SR) should be integrated in CCC applications. If required, VMS, VA & FRS of Zonal Railways may also be required to be integrated on the same platform (not covered under the scope of this tender) .
8)	Enterprise Management System (EMS)	
i)	EMS	EMS will be installed at DC and DR for monitoring of VSS Equipment installed/ planned to be installed at Railway Stations & RFP Thanas/DC-DR under the scope of this Tender and cameras, switches & UPS in D/E Category stations (not covered under the scope of this tender) .
9)	Switches	
i)	Type-I Switch	As per Field Requirement

SN	Item/Location	Assumptions
ii)	Type-II Switch	As per Field Requirement
iii)	Type-III Switch	As per Field Requirement (not covered under the scope this tender).
iv)	Type-IV Switch	Deleted
10)	Panic Switch	Two numbers at each Platform
11)	19" 42U Rack	As per Field Requirement (not covered under the scope this tender).
12)	19" 9U Rack	As per Field Requirement
13)	1KVA UPS	As per Field Requirement
14)	2KVA UPS	As per Field Requirement (not covered under the scope this tender).
15)	2x 10KVA UPS	As per Field Requirement (not covered under the scope this tender).
16)	12F FMS	As per Field Requirement
17)	24F FMS	As per Field Requirement
18)	AC Distribution Box with Surge Protection	As per Field Requirement
19)	Earthing	As per Field Requirement

Note: Existing LAN Infra installed at Stations to be used by bidder as advised by RailTel and integration to be done with existing VSS Infra in consultation with RailTel's engineer.

8.1.3.2 Video Surveillance System Hardware sizing (provided by RailTel)

8.1.3.2.1 Servers/Workstation at DC & DR

- RailTel will provide Server(s)/Workstation as Video Management with N:1 redundancy (HA mode) in RailTel Datacenters (Gurugram & Secunderabad) for centralized management of multiple clusters.
- RailTel will provide database Server(s)/Workstation for Facial Recognition system with N:1 redundancy (HA mode) in RailTel Datacenters (Gurugram & Secunderabad) (if required).

Face image database Server(s)/Workstation at Datacenters shall be in sync with each individual RPF Thana/Post FRS servers/workstation as and when any subject or alarm is generated/updated. Synchronization shall be done at least once daily.

- RailTel will also provide live streaming of atleast 4 to 5 Cameras per station covering platform, circulating area, ticketing area, entry/exit point or other important location on eDrishti Portal of Indian Railways.
- RailTel will provide Server/Workstation for Command Control Centre (CCC) with N:1 redundancy (HA mode) in RailTel Datacenters (Gurugram & Secunderabad) for centralized management.

8.1.3.2.2 Storage at DC-DR (provided by RailTel)

RailTel will provide storage solution at RailTel Datacenter for keeping flagged/ marked video data by RPF personnel for longer retention, VA alerts across all stations within the jurisdiction of RailTel Region for 30 days, Audit trail logs, application data etc. for minimum period of One year. For this, 240 TB of storage has been provisioned.

8.1.3.2.3 Servers/Workstation/NVRs at RPF Thana/Post (provided by RailTel)

- (i) RailTel will provide Servers/Workstations/NVRs as Video Management servers/workstation and servers/workstation as Video Analytic at RPF Thana/Post for all cluster stations with N:1 redundancy (value of N will be decided based on the configuration of Server/Workstation/NVRs as per RDSO specification) as per total number of cameras installed at cluster stations. Sizing for hardware requirement for Servers/Workstations/NVRs for D & E category stations are also included.
- (ii) RailTel will provide, if required, FRS servers/workstations at RPF Thana/Post for all cluster stations with N:1 redundancy (value of N will be decided based on the configuration of Server/Workstation as per RDSO specification and number of cameras installed at cluster stations. Hardware requirement for Servers/Workstations/NVRs for D & E category stations will be provided by RailTel.

Note: RailTel may reorganize the existing Server/Workstation installed at RPF Thanas/Posts without any additional cost to RailTel.

8.1.3.2.4 Storage at RPF Thana/Post (provided by RailTel)

RailTel will calculate the storage requirement for recording of video feeds for 30 days at each RPF Thana/Post for Cameras at D/E category stations. RailTel will also provide an additional 10% capacity over and above the capacity required for 30 days recording computed on the basis of cameras mentioned for RPF Thana/Post.

8.1.3.2.5 Bidder must ensure setting of various parameters of cameras & switches supplied under the scope of this tender as per the direction of RailTel for their integration with VSS System installed at their controlling RPF Thana/Post station.

8.1.3.2.6 Station and RPF Thana/Postwise details are given in Chapter-7. Under one RPF Thana/ Post, cluster stations of D & E Type Stations are also mentioned. From that detail, total nos. of Cameras to be recorded at that particular RPF Thana/ Post will be calculated by RailTel.

For Cameras for D & E Category Stations under this tender, **Hardware/Software requirement of Server/Workstation/NVR for VA, VMS, FRS and of Storage** will be procured by RailTel under separate tenders.

8.1.3.3 Recording Parameter

- 8.1.3.3.1 Recording will be stored for at least 30 days at 25 FPS and Full HD resolution for Full HD cameras and 25 FPS Ultra HD resolution for 4K UHD Cameras with H.265 or higher video compression at RPF Thana/Posts. The indicative storage capacities per camera with H.265 or higher video compression and 25 FPS shall be as under:

Days	Full HD Camera	4K UHD Camera
30 Days	750 GB after RAID 5/6	3TB after RAID 5/6

Note: RailTel may further reduce the above mentioned indicative storage capacity per Camera at 25 FPS with applicable resolution by using suitable compression without any reduction in the quality of Video.

- 8.1.3.3.2 RailTel will provide the capacity of storage system supplied at the RPF Thana/Post for cameras at D & E category stations with an additional 10% capacity over and above the capacity required for 30 days recording computed on the basis of cameras mentioned for RPF Thana/ Post. In case higher compression protocol is provided, the requirement of minimum storage may further reduced in proportion to improvement due to compression.
- 8.1.3.3.3 The additional capacity is required to meet the compliance requirement of keeping the flagged/marked images/video footage as evidence required by the RPF Appropriate authority for investigation purpose and also to cater the requirements of provision of any new cameras on the station.

- 8.2 All the Warranty and Long Term Maintenance (AMC) support/obligation of existing Infra installed will be done by the existing vendors only.**

8.3 Technical Specification

The below mentioned technical specifications for the supply items are bare minimum requirements of the purchaser, the supply items quoted by bidder must comply with these technical specifications. **However, the bidder can quote the items with higher technical specifications catering to the futuristic requirements of the proposed solution.**

- A. For offered Cameras, following parameters are required for Security auditing & testing by STQC (Ministry of Electronics & Information Technology) or any other Government Agency from the list of CERT-In empaneled Information Security Auditing Organization.

Description	RDSO Specification no. RDSO/SPN/TC/65/2021 Version 6.0 or latest	Requirement
For cameras:	Clause No. 5.1 (xxxvii), 5.2 (xxxvi), 5.4 (xxxix), 5.5 (xxxix), 6.0 (xxxviii) & 7.0 (xliv)	All the parameters applicable to cameras with relevant and equivalent safeguards shall be assessed as per Level-2 of "Appendix C of OWASP: Internet of Things Verification Requirements" as per OWASP Application Security Verification

	Standard version 4.0.
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- B. The technical specifications for different components/items of IP based Video Surveillance System shall be as below:

S. No.	Components/Items	Specification
i.	Type-I Switch (8 port Field Switch)	As per Clause no. 14.0(III) of RDSO Specification of IP Based Video Surveillance System Specification no. RDSO/SPN/TC/65/2021 Version 6.0 or latest with all amendments.
ii.	Type-II Switch (Aggregation Switches)	As per Clause no. 14.0(I) of RDSO Specification of IP Based Video Surveillance System Specification no. RDSO/SPN/TC/65/2021 Version 6.0 or latest with all amendments.
iii.	SFP(s) included in SOR items for various type of switches	Specifications are given in Para 8.3.1 below.
iv.	UPS(s)	Specifications are given in Para 8.3.2 below.
v.	FMS	As per RDSO Specifications no. RDSO/SPN/TC/37/2020 or latest.
vi.	Patch Cords	As per RDSO Specifications no. RDSO/SPN/TC/69/2007 or latest.
vii.	Rack(s)	Specifications are given in Para 8.3.5 below.
viii.	ACDB	Specifications are given in Para 8.3.8 below.
ix.	Earthing	Specifications are given in Para II.5.1 of Section-II below.
x.	12 Core metal strengthened outdoor unarmored Optic Fiber Cable	It will as per latest specification of TEC/BSNL as mentioned in clause 17.2 of RDSO Specification no. RDSO/SPN/TC/65/2021 version 6 or latest.
xi.	Various types of cables	As per Clause no. 17.0 of RDSO Specification of IP Based Video Surveillance System Specification no. RDSO/SPN/TC/65/2021 Version 6.0 or latest with all amendments.
xii.	HDPE Duct	As per TEC GR No. GR/TX/CDS-008/03/March 11 with latest amendment
xiii.	CAT-6 Cable	It will as per latest specification of TEC/BSNL as mentioned in clause 17.1 of RDSO Specification no. RDSO/SPN/TC/65/2021 version 6 or latest.

Note:

- i) **Security Verification Certification for VSS Solution:** It is required as per RDSO specification no. RDSO/SPN/TC/65/2021 version-6 or latest.

Note:

After completing installation at initial stations, the bidder shall ensure Security Audit of Bidder's VSS solution at one of the selected station (as selected by RailTel) for STQC (Ministry of Electronics & Information Technology) or any other Government Agency

from the list of CERT-IN empanelled Information Security Auditing Organization for arranging security audit as per RDSO specification version-6 or latest.

PAC for first cluster station of RPF Thana/Post shall be issued after successful compliance of all critical points (related to network security) by the bidder raised by the testing agency. Critical points related to network security and non-critical points will be as per the advice of the testing agency. All non-critical points raised by testing agency shall be complied by the bidder before issuance of Final Provisional Acceptance Certificate (PAC) for last cluster station of RPF Thana/Post.

Before issue of FAC, the bidder will offer its complete VSS work for sample testing of any randomly selected station by STQC (Ministry of Electronics & Information Technology) or any other Government Agency from the list of CERT-IN empanelled Information Security Auditing Organization for arranging security verification certification. FAC (Clause 3.D.11) shall be issued only after submission of security verification certification from the Auditing Agency by the bidder.

8.3.1 SFPs – All SFPs should be bidirectional single Fiber.

8.3.1.1 SFP-BX (10 KM) Single Fiber:

SN	Description
i.	SFP modules should comply with multi-source agreement (MSA), enabling compatibility with other vendors equipment.
ii.	Should support 10 km optical distance on single fiber
iii.	Should have LC type connector.
iv.	Should provide the cost in Pair (BX U & D).
v.	Should have 1 Gigabit Ethernet capacity on single mode fiber.
vi.	Should support DDMI/DOM feature.Option should be available for SFP+/XFP
vii.	OEM should be having valid ISO 9000 & ISO 14000 certification on the date of opening of bid.
viii.	Should have CE and FCC regulatory compliances.
ix.	Operating Temperature of the SFP Should be mini 0 to 65 °C (23 to 149 °F)

8.3.1.2 SFP+ (10 Km):

SN	Description
i.	SFP modules should comply with multi-source agreement (MSA), enabling compatibility with other vendors equipment.
ii.	Should support 10 km optical distance (1550/1310 nm).
iii.	Should have LC type connector
iv.	Should have 10 Gigabit Ethernet capacities on single mode fiber.
v.	Should support DDMI/DOM feature. Option should be available for SFP+/XFP
vi.	Should be having valid ISO 9000 & ISO 14000 certification on the date of opening of bid.
vii.	Should have CE and FCC regulatory compliances.
viii.	Operating Temperature of the SFP Should be minimum 0 to 65 °C (23 to 149 °F)

8.3.1.3 SFP+ (40 Km):

SN	Description
i.	SFP modules should comply with multi-source agreement (MSA), enabling compatibility with other vendors equipment.
ii.	Should support 40 km and 16dB link budget optical distance on single fiber.
iii.	Should have LC type connector.
iv.	Should have 10 Gigabit Ethernet capacities on single mode fiber.
v.	Should support DDMI/DOM feature. Option should be available for SFP+/XFP.
vi.	Should be having valid ISO 9000 & ISO 14000 certification on the date of opening of bid.
vii.	Should have CE and FCC regulatory compliances.
viii.	Operating Temperature of the SFP Should be minimum 0 to 65 °C (23 to 149 °F).

Note: All SFPs must support DDMI feature.

8.3.2 1KVA UPS

SN	Specification	
i.	Capacity	1KVA/900 W, better as per actual requirement
ii.	Technology	IGBT
iii.	Wave form	Pure Sine wave
iv.	Display	LCD/LED
v.	Input power factor correction	0.9
vi.	Input configuration	1Ph, L-N+PE
vii.	Output Power factor	0.9 or better
viii.	frequency (Input)	50Hz frequency
ix.	frequency (output)	50Hz +/- 0.5Hz frequency
x.	Voltage Range (Bypass)	230VAC+/-15%
xi.	V threshold	3% max full linear load, 6% max on Nonlinear load
xii.	Crest factor	3.0 or better
xiii.	AC-AC Efficiency	85% or better
xiv.	Transfer time Main-Battery	0
xv.	Transfer time Inverter-Bypass	4 m sec
xvi.	Emergency Power off function	Yes
xvii.	Monitoring software for	Battery, health of UPS, any critical parameter change
xviii.	Communication	SNMP V1/V2/V3

SN	Specification	
xix.	Port	USB
xx.	Battery Type	SMF
xxi.	Battery backup	1 Hrs. on full load (Single bank) with 1500 (minimum)VAH battery size (Battery to be installed in separate wall mount cabinet)
	Environmental Parameter	
A	Operating Temperature Range	0-55 deg
B	Over Temperature, Load on Battery, Battery on Charge, Battery low, Mains on	Indication required
C	Input AC mains and output power supply surge protection	inbuilt
D	Humidity	0% to 95% non-condensing
E	Noise Level	50 dBA max
F	Size	not more than 2U rack mountable
	Protection	IP20
A	Mechanical Parameter	EMI or equivalent BIS/IS standard
B	Safety	EN or equivalent BIS/IS/IEC standard
C	Performance	IEC/EN or equivalent BIS/IS standard
	Voltage Range	175-280 VAC (1-phase) @ 100% load

8.3.3 Fiber Management System (FMS) (12/24 Fiber)

The FMS should be confirming to RDSO Specifications no. RDSO/SPN/TC/37/2020 or latest.

8.1.2 Patch Cords

The Patch cords should be confirming to RDSO Specifications no. RDSO/SPN/TC/69/2007 or latest.

8.3.5 Telecom Rack

8.3.5.1 19" 9 U Rack (Wall mounted)

SN	Item	Description
i.	Type	Closed Telecom Rack wall/Pole mounted
ii.	Dimension	500 mm(Height)X600mm(Width)X 600 mm(Depth)
iii.	Mounting	Rack should have wall/channel/beam mounting with heavy brackets and fasteners of required shape and size as per site condition.
iv.	Front door	Rack should have front door tough and transparent glass fitted with donMS/CRCAsheet on sides with Lock and key.

SN	Item	Description
v.		MS/CRCA door plain having ventilation holes bottom side with dust filters.
vi.	Top & Bottom	Rack top and bottom should be MS/CRCA steel made with cable entry provision with glands at both side.
vii.	Fan module	Compact fan module of 90 CFM working on 230VAC 2nos.with each rack properly fitted at top of rack.
viii.	Earthing Provision	Rack Should have earthing provisions.
ix.	Cable manager	1no.horizontal and 1no.vertical cable manager with cable loops to be provided with each rack.
x.	Power Distribution Unit(PDU)	PDU is of 6 Sockets of branded make such as Havells or equivalent with 6Amp with switch.
xi.	The rack should be fitted with one modem tray 19". Back side of the rack should be closed with a removable panel.	
xii.	The good quality powder coating light grey in colour shall be used for painting of the rack.	
xiii.	"INDIAN RAILWAYS LOGO along with Year" in bold and easily recognizable fonts should be written at the front top of the rack preferably in black or blue color.	
xiv.	OEM should have a valid ISO 9001 certification on the date of opening of bid.	
xv.	Rack should be minimum IP54 certified. Rack should also comply with EIA 310/DIN 41494 standards.	

8.3.6 Enterprise Management System (EMS) for information to bidders only- (NOT INCLUDED UNDER THE SCOPE OF PRESENT TENDER)

8.3.6.1 General

The EMS Solution(Hardware & Software) will provide monitoring of 1,50,000 interfaces (50,000 devices) for Northern Region and 1,00,000 interfaces (35,000 devices) for Eastern/ Western/ Southern Region from day 1 with future scalability upto 100% additional devices without major architectural changes. Whenever required, the additional device licenses can be procured & added respectively.

Solution will be open, distributed, scalable, and multi-platform and open to third party integration.

Consolidate IT event management activities into a single operations bridge/dashboard that allows NOC operator quickly identify the cause of the IT incident, reduces duplication of effort and decreases the time it takes to rectify IT issues.

Consolidated dashboard of the proposed EMS solution will be the manager of managers window and capable of receiving events/alerts from multiple monitoring systems including system, network, storage, hardware, and application.

8.3.6.2 Consolidated Dashboard

SN	Features
i.	The tool should provide complete cross-domain visibility of IT infrastructure issues
ii.	Integrate events from ALL domain managers
iii.	Automatically relate events to impacted Configuration Items (CIs) like services, servers/workstation etc
iv.	Automated discovery of the infrastructure CIs and relationships
v.	The tool should Classify events based on business impact of Video Surveillance System service levels
vi.	Offer relevant tools, run books, graphs in context of a selected event
vii.	Instruction Text (knowledge base) integrated into events /alarms for which incident tickets were created with ability to define trouble shooting steps.
viii.	Guided creation of correlation rules for administrators
ix.	Tool should provide superior view of infrastructure health across system, networks, IT infrastructure and end-user into a consolidated, central console
x.	Tool should allow for customizable operator perspectives
xi.	Powerful correlation capabilities to reduce number of actionable events. Topology based and event stream based correlation should be made available.
xii.	Tool should provide support for maintenance windows and scheduled downtimes
xiii.	End-to-end visibility of infrastructure and alerts by showing relationships of events to CIs and business service SLAs that are impacted
xiv.	Tool should be able to highlight Priority of an event. Priority is based on both the event severity and the business impact. CI Business Impact is calculated based on Business Criticality of all affected business services, applications and business process CIs and eg. SLAs.
xv.	The operator should be able to analyze priority, business impact and affected CIs by selecting each event and checking the automatically updated Health Top View, Business Impact View etc.
xvi.	Tool should allow to browse performance metrics by selecting CIs or events. Tool should allow to compare different performance matrix of a device/CI in GUI/ Model Explorer.
xvii.	Ability to launch in-context to performance graphs or reports.
xviii.	The adaptive threshold capability automatically calculates a baseline from the historic samples to identify previous trends in performance. Based on these trends the threshold values are automatically and dynamically calculated. Once the automatic threshold values are set, comparing the current performance data with the adaptive thresholds indicates if the current infrastructure resource utilization is normal or not. An alert is generated when abnormal behavior is detected. "
xix.	The Event Correlation Engine shall use detailed, comprehensive, and automatically updated discovery and relationship information to analyze alerts and events and ultimately determine the event that is most likely the cause of an incident.
xx.	When many a combination of many events occurs in the monitored environment, the system must be able to automatically categorize them into causes and symptoms. The system needs to provide a single interface to view multiple layers of cause and symptoms.
xxi.	The system must allow modification and enhancement events during event processing.

8.3.6.3 Service Level Reporter

SN	Features
i.	Should provide reporting templates for performance, availability, inventory,

	operation, virtualization and configuration
ii.	Should provide reports that can prove IT service quality levels, such as application response times and server/workstation resource consumption
iii.	Reports should be accessible via web browser
iv.	Reports can be scheduled to publish automatically or they can be produced on demand
v.	Reports can be applied to all systems, to a group of systems, to a customer group of systems, or to a single system.
vi.	Reports can be published in HTML, PDF, Microsoft Word, and Microsoft Excel formats.
vii.	Should be possible to send reports via email from the Reporter GUI or from command line.
viii.	Automated report generation and publishing
ix.	Server/workstation reporting tool should be able to collect and collate specific information regarding the resource utilization, relationship of a business service with infrastructure elements and its SLA performance
x.	Tool should be able to report in the context of the business service SLAs that the infrastructure elements support—clearly showing how the infrastructure impacts business service levels
xi.	Tool should be able to deliver comprehensive, long-term, and customizable cross-domain reporting.
xii.	Tool should support long-term data retention and aggregation upto 24 months.
xiii.	Tool should provide a library of predefined reports that can be cross-launched in the context of business services.
xiv.	Tool should provide reports from both Network devices and Servers/workstation from the same console.
xv.	Tool should provide development environment where more Content/Reports can be created and data sources such as — Generic .csv files, and, — Databases supporting JDBC. Should also be included to pull data and create reports from such data.
xvi.	Tool should allow to configure downtime for Configuration Items and view the configured downtime in the reports

8.3.6.4 Network Automation

SN	Features
i.	Should be able to generate a graphical representation of your network. Identify which devices are inactive or out of compliance. Detecting noncompliance, issuing alerts. The ability to compare configurations is invaluable; system changes must be logged.
ii.	Manage network compliance by comparing devices to defined, best-practice standards. Speed audit processes with network compliance reports for ITIL and more. Validate device operating states in real time to stay in compliance.
iii.	In real time, detect configuration and asset information changes made across a multi-vendor device network, regardless of how each change is made and also support configuration deployment/rollback and configuration templates.
iv.	Recording every access to a device including not only scripted and automated access, but a full keystroke log. Who made what change, the reason for the change and associated ticket number must be captured.
v.	Manage dual-stack and pure IPv6 environments. Manage SNMPv3 configurations and communicate over SNMPv3.
vi.	In real time, store a complete audit trail of configuration changes, (hardware, and

	software,) made to network devices, including critical change information.
vii.	Configure granular, customizable user roles to control permissions on device views, device actions, and system actions. Support common authentication systems, such as TACACS+, Radius, SecurID, Active Directory and LDAP.
viii.	Manage device access and authorization through a centralized control model that is integrated with your standard workflow and approval processes.
ix.	Automate routine configuration tasks for updates, such as password or community string changes, configuration upload and download, compare configs, bulk configurations, config backup.
x.	Deploy and monitor operating system images from a centralized network management system. Create a repository, and synchronize all device software images across your enterprise network.
xi.	Enforce change processes in real time. Model complex approval processes with flexible rules. Force approvals for changes, including changes made by a direct command line interface (CLI) session.
xii.	The system must support heavily NAT environment and environments where network devices may have the same IP address.
xiii.	The system must provide an automated method to configure devices for real-time change detection via syslog (either direct syslog or syslog via a relay).
xiv.	Scalability – The network configuration management solution should be highly scalable with the largest tier capable of supporting devices as mentioned above at Clause 8.3.6.1 and carrying 4 task for each device per day.

8.3.6.5 Service Management (Help Desk) and SLA Management

SN	Features
i.	The proposed Helpdesk tool should be Axelos Gold level/Pink Elephant/ Service certified on at least 2 ITIL 2011 processes and complying at least 11 (undertaking on OEM's letter head to be submitted) of all the ITIL processes that are implemented for at least three IT organizations: Incident management, Problem Management, Change Management, Knowledge Management, Service Level Management, Service Asset and Configuration management, Service Catalogue and Request Fulfillment etc. The certification copy to be submitted.
ii.	Should be able to control access rights to modules and information by user profiles.
iii.	The CMDB should provide visualization (graphical view) as well as support federation (seamlessly federates information from other distributed data sources), reconciliation and synchronization.
iv.	Should provide predefined categorization, as well as routing and escalation workflows that can be triggered based on criteria such as SLA, impact, urgency, CI, location or customer.
v.	The Change Management module should provide a rule-based workflow system for controlling changes throughout their lifecycle: from initial request to approval, to planning and implementation, and to monitoring and evaluation.
vi.	Should include automated impact analysis, calculated risk analysis, collision detection, and unplanned change detection and validation.
vii.	The tool should automatically alert the responsible persons when a maintenance task is due or a scheduling conflict arises.
viii.	If multiple SLAs are triggered, the strictest one must drive the workflow
ix.	The product must monitor SLAs against Service, Problem, and Change Management
x.	The solution should show immediate (real-time) status of tickets
xi.	Should support KCS (Knowledge Centered Support) best practices.

xii.	Provide out of box and customizable reporting and personalized dashboard
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8.3.6.6 Network Fault Management

SN	Features
i.	The solution should allow for discovery to be run on a continuous basis which tracks dynamic changes near real-time; in order to keep the topology always up to date. This discovery should run at a low overhead, incrementally discovering devices and interfaces.
ii.	The NMS must allow immediately determining the impact of a component failure and thus helping in prioritizing problem solving efforts.
iii.	The NMS should provide very powerful event correlation engine and thus must filter, correlate & process, the events that are created daily from network devices. It should assist in root cause determination and help prevent flooding of non-relevant console messages.
iv.	Polling intervals should be configurable on a need basis through a GUI tool, to ensure that key systems are monitored as frequently as necessary.
v.	The topology of the entire Network should be available in a single map along with a Network state poller with aggressive/customizable polling intervals.
vi.	The NMS application should provide a Unified Fault, Availability and Performance function from a single station only to reduce network and device loads with unified fault & performance polling.
vii.	The NMS performance system must provide predefined and highly customizable reporting across the network domain.
viii.	The Network performance operator console should provide operators with seamless transitions from fault data to performance reports and back. For example - select a node in NMS fault mgmt system and cross launch it for historical and near real time data.
ix.	Should have MIB browsing, MIB loading, and MIB expression collection features.
x.	NMS should be cloud ready, should have dynamic Root Cause Analysis capability
xi.	NMS should have Global Management capability, where in it can work in distributed environment.
xii.	NMS should support application based failover over the WAN.
xiii.	NMS should have support for SNMPv3 & IPv6, including dual-stack IPv4 & IPv6 to provide flexibility in protocol strategy and implementation.
xiv.	It should be able to correlate multiple occurrences of a specific fault on a device within a specified time frame to enable detection of chronic problems. At any given point in time there may not exist a fault for a chronic issue, but we need to know that the condition continues to happen. For example: Circuit down 20 times in last 24 hour, bandwidth thresholds exceeded 30 times in last month, etc.
xv.	The system should support a variety of discovery protocols. The system should take advantage of available information to aid in discovery of the network. Protocols should include ARP, DNS, SNMP, BGP, EIGRP, OSPF, CDP (Cisco), EDP (Extreme), NDP (SONMP-Nortel), FDP (Foundry), EnDP (Enterasys), and LLDP (link-level discovery protocol).
xvi.	Support for discovering and monitoring router redundancy groups using HSRP (Hot Standby Router Protocol) / VRRP (Virtual Router Redundancy Protocol) & recognizing situations that can result in multi-path conditions.
xvii.	Support for port aggregation protocols like LACP (Link Aggregation Control Protocol) including visual map-based views & automatic impact assessment based on the relationships between physical and virtual links.
xviii.	Scalability – Network Management Tool should be capable of managing upto

	devices as mentioned in Clause 8.3.6.1 above for a single/multiple instance, should be able to have 10 logical discovered interfaces per device.
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8.3.6.7 Network Performance Management

SN	Features
i.	Should establish the status of network devices and interfaces with unified status calculation and visualization of network fault & performance data.
ii.	Should enable efficient workflows using contextual navigation between reports and rich interactive report configuration capabilities.
iii.	Network Performance reporting tool must provide the following capabilities: Data collection and thresholding of network device ports (any that support MIB2 including virtual interfaces): Bytes In, Bytes Out, Discards, Errors, Network Delay Data collection and threshold setting of network devices: CPU, Memory, Buffers, Component statistics A variety of reports summarizing the data including: Home page summary/trend summary, Calendar, Heat chart, Headline, Dashboard, Managed inventory report, Top ten, Most changed/occurring events, Data explorer
iv.	Should honour network fault management tools' secure grouping and multi-tenancy settings Secure reports by group Secure reports by tenant
v.	Should be able to schedule key reports for automated delivery Distribute reports by email in HTML, Excel or pdf formats. Single station scalability up to 2,00,000 performance polled interfaces Store as-polled data for up to 12 months

8.3.6.8 Server/Workstation Monitoring

SN	Features
i.	Should offer service driven operations management of the IT environment to manage distributed, heterogeneous systems - Windows, LINUX from a single management station.
ii.	Centralized view for Agent-based and agent-less monitoring managed from one central console.
iii.	Should provide a centralized point of control with predefined policy-based management intelligence for easy deployment for the servers/workstation, operating systems, applications and services for correlating and managing all the IT infrastructure components of a business service.
iv.	Should support Virtual platforms - VMware and Microsoft Virtual Server/workstation, Citrix and provide capability to manage both Microsoft .NET and J2EE applications from the same platform.
v.	Should provide in built correlation to reduce the number of messages presented to the operators and to determine the root cause.
vi.	The system must be agent based for managing the nodes and have the capability of storing events / data locally if communication to the management server/workstation is not possible due to some problem. This capability will help to avoid losing critical events.
vii.	Complex dependencies between managed elements must be captured, allowing IT management staff to interpret lower level data in terms of its importance to the higher-level service.
viii.	Alarms with meaningful message text, instruction text, operator / automatic actions /

	linked graphs, duplicate message suppression.
ix.	Should be configurable to suppress events at the agent or managed node level itself and be configurable to suppress events for key systems/devices that are down for routine maintenance or planned outage.
x.	The system should allow for enriching of messages with incremental information and should allow for customization of message attributes.
xi.	There should be a single agent on the managed node that provides the system performance data, and for event management it should be able to prioritize events, do correlation & duplicate suppression ability to buffer alarms and provide automatic actions with capability to add necessary annotations.
xii.	Should provide console and a web browser interface that can be accessed from anywhere using industry-standard web browsers.
xiii.	Each operator should be provided with user roles that should include operational service views enabling operators to quickly determine impact and root cause associated with events.
xiv.	Highly scalable, and can manage in excess of 1000 managed nodes from a single server/workstation.
xv.	There should be secured communication between Management server/workstation and Managed nodes avoiding the need to open unsecure firewall ports.
xvi.	The system should integrate with Helpdesk / Service desk tool for automated incident logging and also notify alerts or events via e-mail or SMS.
xvii.	The system should have management polices to monitor and manage WMI, Performance, SNMP, Application, Log Files and Event logs and support automatic action in various forms like running a script to be taken on alerts from managed nodes.

8.3.6.9 Asset Management

SN	Features
i.	Asset Manager enables IT organizations to manage the physical, financial and contractual aspects of all IT assets—from request and procurement to retirement and disposal—making it easy to optimize costs, mitigate security and compliance risks and drive business decisions. It should automatically discover and inventory enterprise IT assets which reduces compliance risks, enable software license optimization & chargeback & constantly track changing asset configurations.
ii.	AM should provide a built-in workflow to suggest to the software asset managers in user organization that they should request more licenses or remove installed software that is not in use or assign rights to others users rather than procuring more licenses.
iii.	AM will directly alert users whenever a software installation exceeds the purchased volume. AM will also automatically ensure that no additional users are able to subscribe to that software until additional licenses are made available.
iv.	Inventory Management Able to manage inventory as individual or bulk items, set re-order levels and amounts and keep a history of transactions Able to provide ability to account for assets and components in inventory and facilitates maintaining appropriate levels of stock
v.	Asset record detail: Provide a general tab that stores specific information about the device depending on the device type. Provide a Components tab that stores sub-components information of the asset. E.g. ID, Serial Number, Licenses, Version, Status, Category, Type, Item. Provide an Additional Details tab that stores various types of detail for the respective

	type of asset. E.g. how much memory the printer has which might assist in a Help Desk call. Provide a Contracts tab that stores different types of contracts: Lease, Support, Warranty, Software, Maintenance. Provide a People tab that stores individuals or groups who are owners and users of the asset. Provide a Financials tab that stores associated costs by cost center, budget code, project. Static and incident costs. Provide Straight line depreciation cost calculation. Able to track the total cost of ownership for an asset.
vi.	Software License Management Should manage all types of software license and hence software compliance. Should be able to recover software licenses when hardware is retired, returned (for leases). Should track version, status, and upgrade information for each installed software package. The tool must be able to reconcile the number of installed copies of an application with the number of permitted licenses. Should be able to track the end-user's right to utilize software or hardware assets. Should be able to manage and count software entitlement separately from license counters as software is installed, removed and auto discovered. Software Asset Management should be capable of doing license compliance for vendors being offered in the subject work.
vii.	Auto-Discovery Proposed solution should have the auto-discovery tool, which should have tight Integration with the proposed ITAM (IT Asset Management) solution. Should be able to collect information from routers, switches, load balancers, storage, servers/workstations, and firewalls. Should have the ability to verify inventory data changes with current asset details before permanently updating the system of record. Discovery should be automatic and continuous to detect real time changes in the IT infrastructure. Discovery should work without requiring agent installation (that is, agent-less discovery) while discovery Layers 2 through Layers 7 of OSI model. Should use Industry-standard protocols such as WMI, SNMP, JMX, SSH to perform discovery without requiring the installation of an agent. Discovery system should have ability to modify out-of-box discovery scripts, create customized discovery scripts. Discovery system should have the ability to capture configuration files for the purposes of comparison and change tracking. Discovery system should be capable of supporting role-based access to various aspects of CMDB administration.

8.3.6.10 Service Management (Help Desk) and SLA Management under Enterprise Management System (EMS)

Auto assignment of tickets to field engineer to cut time to allocate ticket to the respective field engineer. Auto Assignment of Tickets based on availability of engineer; as per shift & as per ongoing repairs for resolution. Auto Assignment of Tickets as per Roster management of Field staff to enable auto allocation of relevant tickets.

Auto Assignment of Tickets as per Supervisors/Territory Manager of respective Territory to be given rights to manage (write/modify) shift duty of field engineers of their respective clusters.

Offered system must have mobile web interface (with screen adaptation and notification) or App for field engineers for Work Order Issuance, ERT & resolution.

Solution should provide a Framework to create SLA Templates.

Solution should offer collection framework for ease of integration with Alarm Management.

Solution should provide Hourly, Daily, Weekly, Monthly and yearly asset wise & Station wise failure position along with SLA calculation (as per 4.A.8, Chapter-4, Section-I).

8.3.7 Command Control Center (CCC) for information to bidders only- (NOT INCLUDED UNDER THE SCOPE OF PRESENT TENDER):

Functional Requirement of Command Control Centre (CCC) Software as per Clause no. 18.6 of RDSO specification (Version-6.0).

8.3.8 AC Distribution BOX with Required number of MCB's (as per site condition), AC SPD, Enclosure with IP67 rating and lock & key arrangement. Proper earthing arrangement from station earth to be provided by the bidder for ACDB distribution Box

SECTION-I
Chapter-9
CHECK LIST (To be filled up & uploaded)

A. List of Documents to be Submitted with Technical Bid

SN	Have you submitted the following documents?	Submitted /complied or Not	Page No./ref No. of Offer
1.	Cost of Tender Document (NIT Page) - to be submitted online through IREPS portal only		
2.	Offer Letter as per Chapter-1 (Section-I)		
3.	Schedule of Requirements with quantities but with prices blanked out (this will be a replica of price bid with prices blanked out) to be submitted along with the Technical Bid as per Note-VI of Chapter-2 of SOR.		
4.	Breakup of individual itemized BOM but prices blanked out (as per Format given in SOR) as per Note-VI of Chapter-2 (Section-I) of SOR.		
5.	Submission of Earnest Money Deposit (EMD) as mentioned in BDS (Chapter-5) - to be submitted online through IREPS portal only.		
6.	Audited balance sheet duly attested by Notary Public as per Clause no. 4.A.14.1, Point-3		
7.	Constitution of Firm and Power of Attorney as per clause 4.A.37 of Chapter-4.		
8.	Compliance to Technical Requirements as mentioned in Clause 3.A.1.15 (i), (ii) & (iii) of Chapter-3 of Section-I.		
9.	Complete technical data and particulars of the equipment offered, as specified in the Tender papers together with descriptive literature, leaflets, Drawings, if any, complete with list etc.		
10.	All Bidder as well as OEM's Eligibility Documents as mentioned in Clause 4.A.14 of Chapter-4.		
11.	Technical proposal of tenderer in conformity with system design or alternative proposal of the tenderer, if any as mentioned in Clause 3.A.1.15.3 of Chapter-3.		
12.	Form no. 2 (Chapter-6) - System Performance Guarantee as per Chapter		

	6, Form no. 2 (Section-I) – to be signed by the Bidder as well as OEM.		
13.	Form no. 3 (Chapter-6) - Long Term Maintenance Support - to be signed by the Bidder as well as OEM.		
14.	Form no. 4 (Chapter-6) – Affidavit – to be submitted by the bidder.		
15.	Form no. 5 (Chapter-6) - Integrity Pact - to be submitted by the bidder.		
16.	Form no. 6 (Chapter-6) - NIL Deviation certificate – to be signed by the Bidder.		
17.	Form no. 7 (Chapter-6) - OEM Undertaking on Letter Head		
18.	Form no. 8 (Chapter-6) - Bidder Undertaking on Letter Head		
19.	Form no. 9 (Chapter-6) – Consortium/JV Member		
20.	Form no. 10 (Chapter-6) – JV Agreement / MOA		
21.	Form no. 11 (Chapter-6) – Consortium Agreement / MOA		
22.	Form no. 12 (Chapter-6) – Past Experience Form as per Clause no.		
23.	Form no. 13 (Chapter-6) - Certificate by <i>Statutory Auditor/Cost Auditor</i> on their letter head (with UDIN number) as per Clause 4.A.45.3 of Tender document.		
24.	Any other information required to be submitted by the bidder as per technical and eligibility criteria.		
25.	Relaxation to Start-ups as per Eligibility clause 4.A.14 of Chapter-4 (Section-I), if any.		

B. List of Documents to be Submitted with Financial Bid

DETAILS OF CREDENTIALS SUBMITTED AGAINST ELIGIBILITY CRITERIA OF Bidder as per Clause 4.A.14 of Chapter-4 (Section-I)

SN	Clause	Supporting documents	Details/Remarks	Page no of the Bid

DETAILS OF CREDENTIALS SUBMITTED AGAINST ELIGIBILITY CRITERIA OF OEM as per Clause 4.A.14 of Chapter-4 (Section-I):

SN	Have you submitted	Submitted /complied or Not	Page No./ref No. of Offer
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	the following documents?		
1.			
2.			
3.			

Note: Non submission/ non-compliance of above documents as deliberated in Check List will make the offer liable to be **REJECTED**.

RailTel

SECTION – II

TECHNICAL REQUIREMENTS & SUPPLEMENT

INDEX

<u>Chapter No.</u>	<u>Content</u>
1.	Precautions to be taken in 25 KVA A.C Traction Area.
2.	Preparation of as built route plan.
3.	Technical specification for Trenching & Laying of OFC.
4.	Specification for Jointing & Termination of OFC.
5.	Technical specification for provision of Earthing
6.	List of Address for specification.

SECTION - II

CHAPTER - 1

Precautions TO BE TAKEN IN 25 KV A.C. Traction AREA:

II.1.1 GENERAL

Any Telecommunication circuits in the vicinity of AC Traction running parallel to 25 KV lines are liable to be affected by AC induced voltage. Therefore precautions should be taken to eliminate the possibility of induced voltage affecting equipment and humans.

Crossing of track, if any, should be negotiated by underground cables running at right angles to the track as far as practicable.

Special protective measures (viz. provision of G.D tubes, fuses and earthing etc) are required to be taken for telecommunication lines entering 25 KV sub-station /switching posts.

For the human safety considerations the safe working voltages should be 60 V under normal conditions and 150 V with special precautions and 430 V under fault conditions.

Instructions for protection of railway staff/working personals on signaling and telecommunications installations on 25 kV AC traction shall be strictly adhered to. Precautions are required to be taken on account of following,

- (i) Proximity of live conductor.
- (ii) Pressure of return current in Rails.
- (iii) Induction in all metallic bodies situated closed to over head equipment.

SECTION - II

CHAPTER - 2

PREPARATION OF AS-BUILT ROUTE PLANS

II.2.0 SCOPE:

The scope of this is to prepare a final set of As-Built drawings of route plans, based on the actual cable route (which in turn shall be based on a preliminary & approved drawings of route plans, already supplied to the contractor).

II.2.1 Points to be taken care of for laying the OFC cable:

II.2.1.1 Avoid underground structures, signaling cable, power cables and pipe lines etc.

II.2.1.2 Avoid rodent/termite infested or infected side of the alignment.

II.2.1.3 Avoiding areas prone to water logging.

II.2.1.4 For the straight runs as far as possible a separation of 10 Meter should be kept from the nearest track. This is as per CCITT recommendation K.8.

As a rule a minimum distance of 5.75 M should be maintained between the OHE masts and the cable. In Yards etc. where observance of this rule may be difficult, a minimum distance of 3 Meter should be maintained. In exceptional cases where the cable trench depth is less than 0.5 M the lateral distance may be reduced to 1 M.

Make the route of OFC cable within 1 meter of Railway boundary normally.

II.2.2 As-Built Cable Route plan.

Based on above actual route, the as-built cable route plan should be prepared:

II.2.3 Preparation of Drawings

All the plans and drawings shall be neatly prepared using Computer Aided Design System & plotter etc. The drawings shall be in A3 size & suitably filed for ease of handling.

Further, a soft copy of Auto-CAD drawings in CD shall be submitted.

II.2.4 Information in Cable route plan:-

The cable route plan shall contain following information:-

II.2.4.1 Whether the cable route is on the **up** or **down** side of the Railway Tracks. Exact locations and lengths where the cable is laid in RCC/DWC/G.I. pipes/ troughs and under the bed on culverts. Location of track crossing and the number of tracks being crossed. Location of road crossing and the no. of RCC/DWC/GI pipes provided. Locations of Pull Chambers/Joint Pits.

II.2.5 Protective works for Cable/ Ducts:-

II.2.5.1 For building, masonry platforms, crossing of tracks and roads etc. special protection for the cables are required. Some of the methods adopted for different types of protective works are specified in the following drawings:-

For Girder bridges M.S. Troughing Drg. S&T/RE/78/2/76 Page 1 & 2 and RE/42/172. (P-160 & 163).

For cable entries to Cabins, ASM's Offices etc. through HDPE pipe Drg.No. RE/S&T/ALD/SK/161/81 (P-174).

For unconsolidated embankments Shoring for the cable trench as per Drg.No. RDSO/TC/35003. (P-168). For laying cables over the culverts in DWC pipes Drg. No. RE/S&T/ALD/SK/160/81. (P-162).

For laying cables over arch bridges brick channeling Drg. No. RE/S&T/ALD/SK/162/81. (P-173).

For route over rocky area through chase Drg.No. RE/S&T/SK/303/85 with Alteration 'A'. (P-167).

For routes under bed of culverts in DWC pipes Drg.No. RE/S&T/ALD/SK/184/81. (P-165). For cable laying under railway track Drg. RE/S&T/ALD/SK/159/81 (P-169). For cable laying under road drg. No. RE/S&T/ALD/SK/497/2000 (P-157). For Stone/RCC cable route marker drg no. RCIL/NR/01 (P-172).

Note1: In non-RE area, wherever distances are reckoned with reference to overhead alignment, the distances from the nearest KM-post provided along the track, may also be mentioned.

Note 2: If any of the above-mentioned drawings are illegible or not clear, the clarifications may be sought from the office of Executive Director, RailTel.

SECTION – II

CHAPTER - 3

TECHNICAL SPECIFICATION AND INSTRUCTIONS FOR TRENCHING AND LAYING OF OPTICAL FIBRE CABLE:

II.3.1 SCOPE:

This chapter deals with the specifications under which the various work for trenching & laying of optical fibre cable coming under the purview of the contract are to be executed by the contractor.

II.3.2 SUPPLY OF ROUTE PLAN:

Approved Cable Route plan and jointing schedule for mid section splicing of cable will be prepared and supplied by the RailTel. This shall give a preliminary idea of the number & locations and the quantities and type of various equipment to be fixed, wired and commissioned.

II.3.3 LEADING OF CABLE IN MASONRY BUILDINGS

II.3.3.1 The cable will have to be led inside any masonry building such as Cable hut, ASM's room at a depth of 0.75 meters by cutting the masonry structure of the wall as per Drg.No. RE/S&T/ALD/SK/161/81 as given at Annexure- 3.12. After the cable has been led inside the masonry wall, the floor inside shall be duly repaired and plastered.

II.3.4 LAYING OF CABLE IN SPECIAL CASES:

II.3.4.1 Near Power Cable

When the proposed cable route comes across any other cable already laid, the contractor shall first report the fact to the Engineer. Should the cable be identified by the Engineer as a power cable (LT or HT), the trench shall be dug as far away from the route of the power cable as practicable.

II.3.4.2 Crossing of Optical Fibre Cable with another cable

Crossing of the Optical Fibre cable with another cable shall be avoided wherever possible. Where, however, this is not possible, the Optical Fibre cable shall be laid in cement or asbestos cement pipes. The length of the pipe to be provided on either side of the crossing shall be atleast one meter.

II.3.4.3 Laying other than optical fibre cables in the same Trench

No cable other than quad cable shall be laid in the trench made for the Optical Fibre cable. Even in such cases, both the cables are to be laid as per approved drawing. Where, however, exceptional circumstances exist, the optical fibre cable may be laid along with another cable in the same trench provided a specific permission of each such case is obtained in writing from Engineer. When optical fibre cable and L.T. power cable have to be laid in the same trench they shall be

separated by placing a layer of second class bricks between them vertically (approx. 16 bricks/meter) or laid in RCC pipe.

II.3.4.4 Laying of cable through RCC/GI/DWC pipes

The cable shall be laid through RCC/GI/DWC pipes at the locations marked on the route plan and as advised by the Engineer or his representative.

For laying the cable through pipes galvanised steel wires of a cross section not less than 10 SWG shall be used as a lead wire. Two such lengths of wires shall be laid through the pipes, so that after the cable is threaded through the pipe, one lead wire is permanently left in the pipe with a suitable overlay at two ends, to enable the cable to be pulled out at a later stage if required to do so.

On arch bridges and culvert bridges the cables will be threaded through DWC pipes etc. While threading the cable through these pipes the Contractor shall do the trenching to the required depth wherever necessary for which no extra charge will be paid.

II.3.4.5 Laying cable near feeding post:

In the vicinity of feeding posts, as far as possible the cable shall be laid on the side of the track opposite to the feeding post. Further the Optical fibre cable shall be at least one metre away from any metallic part of the O.H.E. and other equipment at the sub station which is fixed on the ground and at least one metre away from the sub - station earthing. In addition, the cable shall be laid in RCC pipes 150 mm dia (standard 2 metre length) complete or capable of being split into two half as per specn. No. ISS-458 latest for a length of 300 metres on either side of the feeding point.

II.3.4.6 Running of cables at foundations others than OHE Masts and from pipe outlets.

Damages to cable is likely to occur if care is not taken in laying cable where the bed changes from solid support such as a foundation pipe or bridge to soft support such as soft soil. The cable must not press against the edge of the solid support. The soft soil near the edge must be tamped and the cable raised slightly.

II.3.5 HANDLING OF CABLE DRUMS & PAYING OF CABLES:

II.3.5.1 While collecting OFC/HDPE from RailTel depot the contractor must ensure that the materials should be received in good condition. The drums shall be unloaded by the side of the Railway Track/Road from either a crane or any other suitable means very carefully so as not to cause any damage to the cable. The drums at site shall be protected until they are laid. The cable must be tested before and after laying.

II.3.5.2 On each drum there are two ends, A & B. The 'B' end of one cable length shall meet 'A' end of the next cable at a joint. The 'A' end shall be normally on the top unless indicated otherwise on a drum.

II.3.5.3 The drums shall always be kept upright, i.e. axle in parallel position to the base. The drums shall not be set by jerks but shall be handled slowly and with care. The

walls of the drums should not be damaged while moving the drums if required for unrolling.

- II.3.5.4 The drums shall normally be unrolled at the same place and the cable carried by workmen near the trench. The drums shall not be dragged in any case. But where drums of cable have to be moved, would always be rolled in the direction of the arrow, otherwise the coils tend to unwind and the cable may get battered. In case no direction arrow is marked on the drum, remove several battens and determine the direction in which the cable is coiled. The arrow should then be painted on the drum pointing in the opposite direction in which the upper cable end is coiled so that future handling of the cable drum is facilitated and then replace the battens carefully.
- II.3.5.5 The drum should be properly mounted on jacks (or on a cable wheel) making sure that the spindle is large enough to carry the weight without bending and that it is laying horizontally in the bearings so as to prevent the drum creeping to one side or the other while it is rotating. Before attempting to pull off the cable, remove the end protection box attached to the flange of the drum and cut the security ropes so as to leave the cable free to move.
- II.3.5.6 If a portion of the cable only is taken out from the cable drum, the battens should be immediately replaced to prevent damage to the balance of the cable. This is important.
- II.3.5.7 The use of steel bars between the bolt heads to 'jump' or turn the drum around is dangerous to staff and likely to damage the drums. A better method is to use two steel plates with grease between them. By standing the drum on these greased plates, it can be easily elevated round to the desired position.
- II.3.5.8 All care should be taken in handling cable drums with a view to ensure safety not only of the cables but also of the working party handling them. The man should not be allowed to brake the cable drum by standing in front but only from side.
- II.3.5.9 Rewinding and Redrumming of cables
- (a) If for any reason it is found necessary to rewind a cable on a drum, cable drum with a proper barrel diameter not less than of the original drum should be chosen.
 - (b) The drums should be mounted on cable jacks during rewinding operations using proper size of spindles passed through the flange holes, which will not buckle under the lead. The cable should not be bent opposite to the set it is having already.
 - (c) In the re-drumming operations, drums should be so turned that the cable passes from the bottom of the original set with as little gap as possible.
 - (d) Replace all the lagging on the cable drum.

II.3.6 MINIMUM BENDING RADIUS:

Cables should always be bent (or straightened) slowly, they should never be bent to small radius while handling. The minimum safe bending radius for optical fibre cables should be 30 times the diameter of the cable but wherever possible larger radius should be used.

II.3.7 TOOLS REQUIRED FOR TRENCHING, CABLE LAYING AND FILLING.

TOOL'S NAME

Cable Jack
Cable Grip
Reopening Device
Free Hood Hook
Shackle free head hook
Grouling Hook
Pulling Bolt
Tension meter
Pulley
Anti Twist Device (swivel)
Roller
Flexible Cable
Pulling Rope
Brush
Mandrel
Chain
Measuring cord for strain gauge
Slip Winch
Wire rope
Portable VHF set
Measuring tape
Phowrah
Iron plate
Loader Backhoe for Drilling
Warning Tape
Caterpillar tractor
Fork Lifter
Vehicle Van type
Tacho- meter
Road measurer.

II.3.8 Blowing /Drawing of Optical Fibre Cable:

- II.3.8.1 **OFC** should normally be **blown** through the ducts by standard blowing machines Only in exceptional cases drawing may be adopted in short lengths with the permission of the site engineer of RailTel.

SECTION - II

CHAPTER - 4

JOINTING AND TERMINATION OF FIBRE OPTIC CABLE

II.4.1 TECHNIQUE FOR JOINTING OF OPTICAL FIBRE CABLE

Fusion splicing shall be used for splicing fibres. This is accomplished by applying localized heating (i.e. by electric arc or flame) at the interface between two butted, pre-aligned fibre ends, causing them to soften and fuse together.

II.4.2 STRAIGHT JOINT FOR FIBRE OPTIC CABLE

II.4.2.1 There are various types of joint enclosures available in the market. The procedure for assembly of joint closure is described in the installation manual supplied with straight joint closure. This includes the following:

Material inside joint closure kit

Installation tools required

Detailed procedure for cable jointing

Procedure for re-opening the closure.

II.4.2.2 The Optic Fibre straight through joint closure shall be as per specn. TEC TO 910 G92 (latest) or a proven design approved by RCIL. The joint shall be protected in RCC Joint Pits per drawing given in Annexure 2.14. (The Optic Fibre straight through joint closure shall be of TVSE, R&M, Raychem, 3M make and shall be approved in advance by RailTel. The joint shall be protected in concrete chamber as approved by engineer- in-charge)

II.4.2.3 Generally, the following steps are involved for jointing of the cable:

- Preparation of cable for jointing
- Stripping/cutting the cable
- Preparation of Cable and joint closure for splicing
- Stripping and Cleaving of Fibres
- Fibre splicing
- Organisingfibres and Finishing joints
- Sealing of joint closure and
- Placing joint in the Jointing Chamber/Pit.

II.4.3 STRIPPING/CUTTING OF THE CABLE

The cables are stripped of their outer and inner sheath with each sheath staggered approximately 10mm from the one above it.

Proper care must be taken when removing the inner sheath to ensure the fibres are not scratched or cut with the stripping knife or tool. To prevent this, it is best to only score the inner sheath twice on opposite sides of the cable, rather than cut

completely through it. The two scores marking on either side of the cable are then stripped of the inner sheath by hand quite easily.

The fibres are then removed from cable one by one and each fibre is cleaned individually using Kerosene to remove the jelly.

II.4.4 STRIPPING AND CLEAVING OF FIBRE

Prior to splicing each fibre must have approximately 50mm of its primary protective U.V. cured coating removed, using fibre stripper which are manufactured to fine tolerances and only score the coating without contacting the glass fibre.

The bare fibre is then wiped with a lint free tissue doused with ethyl alcohol. Cleaving of the fibre is then performed to obtain as close as possible to a perfect 90 degree face on the fibre.

II.4.5 SPLICING OF THE FIBRES

The fusion splicing shall be used for fibre splicing. Some of the basic steps for fusion splicing are as given in 4.8 below.

II.4.6 FUSION SPLICING OF FIBRE

Some of the general steps with full automatic micro processor control splicing machine are as under

Wash hands thoroughly prior to commencing this procedure.

Dip the clean bare fibre in the beaker of ethyl alcohol of the ultrasonic cleaver. Switch on ultrasonic cleaver for 5-10 seconds (Some of the manufacturers do not prescribe the above cleaning).

Place the bare fibre inside 'V' groove of the splicing machine by opening clamp handle such that the end of fibre is app. 1 mm. over the end of the "V" groove towards the electrodes.

Repeat the same procedure for other fibre, however, first insert heat shrink splice protector.

Press the start button on the splice controller.

The machine will pre fuse, set align both in 'X' and 'Y' direction and then finally fuse the fibre.

Inspect the splice on monitor if provided on the fusion splicing machine and assure no nicking, bulging is there and cores appear to be adequately aligned. If the splice does not visually look good repeat the above procedure.

Slide the heat shrink protector over the splice and place in tube heater. Heat is complete when soft inner layer is seen to be 'oozing' out of the ends of the outer layer of the protector.

Repeat for other fibres.

II.4.7 FUSION SPLICER AND OTDR

The fusion splicer and Optical Time Domain Reflecto meter (OTDR), to be used for splicing and measurements of parameters respectively, shall be of approved design and quality. The contractor shall submit

Specification of fusion splicer and OTDR

Certificate from the users, who have used the splicer and OTDR of the make, the contractor intends to use, regarding their satisfactory performance.

The RCIL reserves the right to direct the contractor to use the same or any other proven design of fusion splicer and OTDR if in the opinion of RCIL the specification of Fusion splicer and OTDR are not suitable

II.4.8 ORGANISING FIBRE AND FINISHING JOINTS

After each fibre is spliced, the heat shrink protection sleeve must be slipped over the bare fibre before any handling of fibre takes place, as uncoated fibres are very brittle and cannot withstand small radius bends without breaking.

The fibre is then organized into its tray by coiling the fibres on each side of the protection sleeve using the full tray side to ensure the maximum radius possible for fibre coils.

The trays are placed in the position.

OTDR reading taken for all splices in this organized state and recorded on the test sheet to confirm that all fibres attenuation are within specification. This OTDR test confirms fibres were not subjected to excessive stress during the organizing process.

After this the joint can be closed with necessary sealing etc. and ready for placement in the pit.

II.4.9 TERMINATION JOINT FOR FIBRE OPTIC CABLE.

II.4.9.1 This joint is provided in the cable hut for terminating the outdoor fibre optic cable of both the sides, splicing through fibres, connecting fibres to pigtails for connection to Optical Line Terminal Equipment etc.

II.4.9.2 The OFC Cables shall be dressed up on teak wood plank/Aluminum ladder inside cable hut. The armour of the OFC Cable shall be cut before taking the cable in the equipment rack. The cables shall be terminated on FDMS and derive required pigtails.

Two pairs of fibres shall be derived from either side cable at every OFC cable hut through pigtails with FC/PC connectors. The remaining fibres shall be looped through.

II.4.9.3 The procedure for installation of termination joint box depend upon the type of joint enclosure. The installation manual supplied gives the step-by-step procedure for installation. However, the general steps are as under:-

- Marking the cable
- Stripping/cutting the cable
- Gripping cable in sheath/clamp
- Treatment of tension member
- Fibre splicing
- Enclosing fibre
- Fixing strength member
- Closing the cover
- Fixing termination box
- Fixing the cable.

II.4.10 MARKING THE CABLE

Determine the cable length up to the proposed location of termination box. It is also to be ensured that at least 10 meters of cable is coiled in the cable pit.

Determine the cutting point and mark the cable

Determine the sheath peeling point and mark the cable

II.4.11 CUTTING / STRIPPING THE CABLE

Cut the cable as per the marking

Remove the sheath from cable ends. During sheath stripping care should be taken not to damage the fibres.

The length and the steps for various sheath cutting shall be as per the instruction given in the manual.

II.4.12 GRIPPING THE CABLE

Wind PVC tape around the cable core just beside edge of the sheath.

Insert the bushing inside sheath by cutting the cable sheath for about 25mm.

Place the sheath grip (lower half and upper half) and tighten it with the help of torque wrench.

II.4.13 FIXING OF TENSION MEMBER

- a) Mark the tension member for the specified length and cut it.
- b) Clean the tension member thoroughly by Alcohol and cotton cloth.
- c) Fix tension member holder with the help of instant adhesive at the end of tension member.

II.4.14 FIBRE SPLICING

The procedure for splicing is same as described for straight joint closure in Clause 4.7 above.

II.4.15 ENCLOSING FIBRES

- a) Set the fibre cassette on the base
- b) Arrange excess length of fibre to make double figure of eight.
- c) Enclose the spliced fibre and its excess length carefully.
- d) Repeat the procedure for other fibres.
- e) After this, the box can be closed. However, a packet of silica gel may be placed inside for protection from entry of moisture.

II.4.16 MOUNTING OF TERMINATION BOX

Termination box can be fixed either on wall or on equipment rack. Mark the fixing holes on the walls/bracket/frame

- a) Place the termination box and tightened the nuts inside the base box.
- b) Put the covers.

II.4.17 FIXING THE CABLE

Secure the cable on wall/frame at two places within one meter from termination box keeping in view straight entry of cable in termination box.

II.4.18 ACCEPTANCE TEST FOR FIBRE OPTIC CABLE

The Procedure for Testing of Fibre Optic Cable shall be jointly finalized by Contractor with Engineer of the RCIL. The parameters in the concerned specification shall be taken as reference. The Test shall be conducted from cable hut to cable hut, after the Splicing & termination Joints are completed. The length of cable (as per marking in cable & as measured by OTDR), loss in cable, average loss per Km., No. of Splices, Splice loss, etc. shall be recorded and jointly signed as per pro-forma given in para 4.24 below.

II.4.19 TEST PROTOCOL FOR OPTICAL FIBRE CABLE

SYSTEM TEST PROTOCOL	OPTICAL FIBRE CABLE	FIELD TEST
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Route: -----

Date: -----

Station: -----

No. of mid-section splices: -----

Section: -----

Measured by: -----

Length
(by OTDR): -----

Length as per meter
marking on cable sheath-----

- 1)
2) Optical measurements (On Line):

Measurement	Fibre – number 1 2 3 422 23 24	Accepted Value
1.1 Total attenuation at 1300/1550 nm with OTDR		
1.2 Total attenuation per Km at 1300/1550 nm:		<0.40 dB/Km at 1300 nm & <0.25 at 1550 nm
1.3 Splice Loss in dB with OTDR Location		Average splice loss
OHE Mast No./ Overhead alignment post no. A. B. C. D. E.		
Average Splice Loss		0.15 db, no splice should have loss >0.2 db

NOTE : ALSO ATTACH OTDR RESULTS |----|

2) Visual Inspection (On Line):

2.1 No. of Cable drum used in the section: -----

2.2 S.No. of cable and length of each drum:

S.No. LENGTH

1. -----M

2. -----M

3. -----M

4. -----M

5. -----M

2.3 Location of Isolation Sleeves:

1.

2.

3.

Contractor's Representative

RCIL's Representative

II.4.20 TOOLS AND EQUIPMENTS REQUIRED FOR JOINTING AND TERMINATION OF FIBRE OPTIC CABLE.

S. No. TOOL's Name

1. Branch Joint Closure
2. Termination Box
3. Rubber end Block
4. Sheath Clamp
5. Bushing
6. Strength Member holder
7. Heat Shrinkage tube
8. Arc fusion splicer machine.
9. Power cord AC/DC
10. Walkie-Talkie 12V DC source
11. Tube heater
12. Precision cleaver
13. Cable sheath stripper
14. Fibre stripper
15. Knife for HDPE cutting
16. Hexa for strength membrane
17. Isopropyl alcohol or methanol of high specific gravity
18. Johnson Buds
19. Tweezers
20. Gun heater Blower type
21. Sleeve for splice protection
22. O.T.D.R.
23. Stickers for numbering of splicers.
24. Portable k. oil generator
25. Umbrella's 2 Nos.
26. Dust protection for splicing machine

Note:- Wherever cable has to be coiled/looped , the diameter of the coil/loop shall be greater than 30 times the diameter of the cable.

SECTION-II

CHAPTER – 5

TECHNICAL SPECIFICATION OF MAINTENANCE FREE EARTHING

II.5.1 Maintenance Free Earthing – Earthing should be as per RDSO Specification No. RDSO/SPN/197 (Version-1.0) or latest.

Note:- Bidder to ensure appropriate Surge Protection Device (SPD) arrangement with ACDB to protect IT infrastructure i.e. switches, server/workstation, storage, UPS etc. system being installed at platforms and RPF Thana/Post. Further, this proposed SPD arrangement should be connected with earthing system of the stations.

SECTION - II
CHAPTER –6

List of Address for Specification

II.6.1. Address from where specification copy can be purchased:

The copy of IRS, RDSO, TEC and BIS specification used in the tender documents can be purchased from following sources.

- II.6.2 IRS Specification:**
- i) Manager Publications,
Government of India
Civil Lines, New Delhi- 110054
 - ii) Government of India Book Depot,
8 - S.K. Roy Road, Calcutta – 700001

II.6.3 RDSO Specification : RDSO, Manak Nagar, Lucknow

II.6.4 DOT/TEC/ITD Specification: Khurshid Lal Bhavan, Janpath,
New Delhi- 110001

II.6.5 B.I.S. Specification:

Directorate General,
Indian Standards Institution,
9- Bahadur Shah Zafar Marg,
New Delhi -110002
F- block, Unity Building,
Narsimhraj Square,
Bangalore- 560002

534- Sardar Vallabh Bhai Patel Raod , Mumbai.
5- Chowringhee Approach, PO Princep Street, Calcutta- 700072
Ahinsa Building (1st floor) , SCO 82-83, Sector 27-C,
Chandigarh- 160017
5-8-56/57, L.N. Gupta Marg, Hyderabad- 208005.
117/418-B, Sarvoday Nagar, Kanpur – 208005
C.I.T. Campus, Adyar, Madras – 600020.

6. If any specifications and drawings referred but not enclosed in the tender documents may be seen in the RCIL's office on any working day.

****END of Tender Document****