

KRISHNAPATNAM RAILWAY COMPANY LIMITED

Name of the work:

Maintenance of Signalling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028

REQUEST FOR PROPOSAL (RFP) DOCUMENT (OPEN TENDER)

Bid No. KRCL/KAPT-OBVP/S&T Maint/2026



KRISHNAPATNAM RAILWAY COMPANY LIMITED

Regd. Office: 3rd Floor, Lekha Bhavan, South Central Railway,
Opposite: Secunderabad East Metro Station, Secunderabad-500025.

Issued by:

Krishnapatnam Railway Company Limited, (RVNL OFFICE PREMISES)
“Lekha Bhavan” 3rd Floor, S. Cl. Railway, Secunderabad. 500 025, India

03 April 2026

Section 1

INTRODUCTION

Krishnapatnam Railway Company Limited (KRCL) desires to appoint a Contracting Agency through invitation of Open Bids for Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028 through competitive bidding system. The tenderers/applicants or Bidders are invited to submit their financial proposal in response to this Request for Proposal. (RFP document)

1.1 The contents of this RFP Document include the following:

- a) Information to applicants, Instructions to Applicants, Evaluation criteria for financial proposal
- b) Covering letter/Proposal Submission Form
- c) Financial Proposal submission Form
- d) Bid Security Form.
- e) Top sheet

Section 2

INSTRUCTIONS TO APPLICANTS

2.1. General.

2.1.1 KRCL invites Tenders for Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028.

2.1.2. The selection is based on lowest financial bid and competency of the qualified bidders.

2.1.3. Invitation for Bids. The Applicants should submit their Bids (Proposal) in separate covers as specified -

2.1.4. The Bidders/applicants shall submit all the documents as mentioned above along in their BID Document which are **MUST MEET CONDITIONS**. The Bidders should satisfy the minimum eligibility criteria as brought out in this document. If these criteria are not satisfied the bid will be cancelled and the offer will be summarily rejected.

2.1.5 In preparing their Bid proposals Applicants are expected to examine in detail the documents comprising this RFP Document. Material deficiencies in providing the information requested may result in rejection of the application.

2.1. 6. The Applicants are requested to submit the proposal and all their correspondence in English language.

2.1.7 KRCL reserves its right not to select any or all of the applicant(s) without assigning any reason.

2.1.8. The RFP document can be downloaded from KRCL web site www.krcl.org.in with effect from - **03 April 2026 (03.04.2026)**. The cost of Document is Rs. 5,000/- (Rs. Five thousand only). The Cost of Bid Document should be paid through Demand Draft in favour of **KRISHNAPATNAM RAILWAY COMPANY LIMITED**, payable at **NEW DELHI**. The Demand Draft should be submitted along with the offer at the time of submission of Bid documents **in a separate envelop** marked as "Cost of Bidding Document" failing which the offer will be summarily rejected. Under no circumstances the cost of Bidding Document will be refunded to the applicants.

Applicants/Bidders, submitting bid document(s) should ensure the submission of the following undertaking in Form -1

"We have not tampered or made any changes in the bidding documents on which the bid is being submitted and if any tampering or changes are detected at any stage, we understand the bid will be rejected summarily along with forfeiture of bid security/the contract will be liable to be terminated along with forfeiture of performance security, even if LOA has been issued.

2.1.9 **BID SECURITY:** (Earnest Money Deposit)

A) The tenderer shall be required to submit the Bid Security in the form of a DEMAND DRAFT, from any scheduled Bank in India in favor of **KRISHNAPATNAM RAILWAY COMPANY LIMITED**, payable at **NEW DELHI**, for the sum of **Rs.8,21,500/- (Rs. Eight Lakhs Twenty One Thousand Five Hundred only)** with the tender for the due performance with the stipulation to keep the offer open till such date as specified in the tender, under the conditions of tender. The Demand Draft in Original shall be placed in an envelope and attached with the envelope containing the financial proposals. Bids received without the appropriate Bid Security shall be summarily rejected. The Bid Security shall be returned to unsuccessful bidders on finalization and award of tender without any interest. In case of successful bidder, bid security will be adjusted towards Security Deposit.

B) Bid Security of Rs.8,21,500/- (Rs. Eight Lakhs Twenty One Thousand Five Hundred only) can be paid online through RTGS. The details are as under:

Account Number: 8143002900000519

Type of Account: Current Account (Escrow Account)

Name of the Bank: Punjab National Bank

Bank Address: LCB, 8th Floor, DCM Building, Barakhamba Road, Connaught Place, New Delhi- 110001

IFS Code: PUNB0814300

Branch Code: 8143

MICR Code: 110024799

UTR reference number should be given along with proof of deposit through RTGS. In case of non-furnishing the UTR reference Number or Proof of deposit through RTGS, the bid will be summarily rejected.

2.2 **CORRUPT PRACTICES**

The Company requires that Bidders/Applicants observe the highest standards of ethics during the execution of the Contract.

2.3. **Proposal Validity.**

The proposal shall remain valid for acceptance by KRCL for a period of 120 days from the last date of submission of proposal. In case of need KRCL may request the Applicants to extend the period of validity of their proposals on the same terms and conditions and Applicants shall have the right to refuse such further extension.

2.4 ENQUIRIES & CLARIFICATIONS.

Enquiries, If any, can be addressed to:

Sr. Manager/ F&A/ Expert,
Krishnapatnam Railway Company Limited.
(RVNL office complex), "Lekha Bhavan" 3rdFloor,
S.C.Railway, Secunderabad- 500025
Tele.040-27710154
Email.: registerofficekrcl@gmail.com

2.5 SUBMISSION OF PROPOSAL: -

The Applicants shall submit its Proposal in the following covers:

Cover 1- Cost of Bidding Document. (Through Demand Draft) for **Rs.5,000/-** Drawn in favour of **KRISHNAPATNAM RAILWAY COMPANY LIMITED payable at New Delhi**

Cover 2- Bid Security. (Through Demand Draft) Or Through RTGS for **Rs.15,70,300/-**

Cover 3- Financial Proposal and

Outer Cover:

This shall contain the Sealed Covers 1, 2 & 3

2.5.1 Outer Cover

All parts of the Proposal (sealed cover1, sealed cover 2, and sealed cover 3) organized as above, shall be placed in a sealed outer envelope or a box and it should be superscripted as under;

Outer Cover - Name of the work: Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028

Submitted by _____ (Name of the Bidder/Applicant)

Submitted to
Sr. Manager/ F&A/ Expert,
Krishnapatnam Railway Company Limited.
(RVNL office complex), "Lekha Bhavan" 3rdFloor,
S.C.Railway, Secunderabad- 500025
Mail.id: registerofficekrcl@gmail.com

The Applicant can submit the Proposal by Registered Post/courier or submit the same in person, so as to reach the designated address by the time and date stipulated. No delay in the submission of the Proposal for any reason will be entertained. Any proposal received by KRCL at the designated address after the deadline for submission of the Proposals stipulated, shall not be opened and shall be returned as such to the Applicant as it is.

2.5.2 Cover 1. Cost of Bidding Document

The applicant shall place the original DD as specified 2.1.8 in this sealed cover, which shall be super scribed as under.

<p>Cover 1. Cost of Bidding Document</p> <p>Name of the work: Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028</p> <p>Submitted by ----- (name of the Bidder/Applicant)-_____</p>

2.5.3 Cover 2 – Cost of Bid Security

The applicant shall place the original DD or proof of RTGS payment of bid security as specified 2.1.9 in this sealed cover, which shall be super scribed as under.

<p>Cover 2. Cost of Bid Security</p> <p>Name of the work: Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028</p> <p>Submitted by ----- (name of the Bidder/Applicant)-_____</p>
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2.5.4 Cover 3 – Financial Proposal

The applicant shall place the original Financial Proposal in a sealed envelope which shall be super scribed as under.

<p>Cover 3. FINANCIAL PROPOSAL</p> <p>Name of he work: Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028</p> <p>Submitted by ----- (name of the Bidder/Applicant)-_____</p>

2.6 LAST DATE OF SUBMISSION

The Proposals must be dropped in Box provided near Enquiry Cell of RVNL Office (KRCL Register Office), 3rd Floor, Lekhabhavan by 14.30 HRS of 25 April 2026 or before at the following address.

Sr. Manager/ F&A/ Expert,
Krishnapatnam Railway Company Limited.
(RVNL office complex), "Lekha Bhavan" 3rdFloor,
S.C.Railway, Secunderabad- 500025

**Last Date & Time for submission of Bids will be 14.30 Hrs of 25 April 2026.
Tender Box will be opened at above office at 15.000 Hrs of 25 April 2026.**

2.7 **BID OPENING:**

2.7.1 Interested Bidders may like to be present in KRCL office at the closing time of bid submission and witness the **Bid Opening at 11.30 hours** on the last date of submission as mentioned in 2.6 above. Only the main envelope will be opened and availability of RFP fee and Bid Security amount will be checked. All such bids received after the expiry of the prescribed deadline for submission of bids shall be returned to the bidders in unopened condition.

2.7.2 After the bid opening, the evaluation of Financial Proposal received shall be initiated.

2.8 Preparation of Proposal: **FINANCIAL PROPOSAL**

2.8.1 In preparing the financial proposal, the Applicants/Bidders are expected to take into account the requirements and **MUST MEET CONDITIONS** outlined in the RFP documents.

2.8.2 The financial proposal should be as per the format given.

2.8.3 The rates given in Schedule/Item are inclusive of GST. Hence no need to quote GST separately.

2.8.4 The Bidder/Tenderer/Applicant should quote the percentage rate, in both figures and words, for each Schedule in columns 4 & 5 respectively in the Summary of Schedules given as Annexure II. Also mention in column No. 6 whether the percentage rate mentioned in column's 4 & 5 are **ABOVE** or **BELOW** or **AT PAR** over the estimated rate.

2.8.5 All payments shall be subject to deduction of prevailing tax at source in accordance with the provisions of The Income Tax Act and any other applicable law.

2.9 Organization of the Financial Proposal.

The Financial Proposal shall be organized in the following manner.

Sl. No.	Description	Document
1	Covering Letter Submission Form. (MUST MEET CONDITION)	Form-I
2	Cost of Tender Documents Payment Details (MUST MEET CONDITION) – DD No., Date, Amount & Bank Details	DD in Original

3	Bid Security Payment Details (MUST MEET CONDITION) – DD No., Date, Amount & Bank Details Or RTGS details	DD in Original or UTR number along with proof of deposit in case of RTGS payment
4	Eligibility Criteria- Experience of Works. (MUST MEET CONDITION)	Form-II
5	Turnover certificate. (MUST MEET CONDITION)	Form-III
6	Tender Form (MUST MEET CONDITION)	Annexure I
7	Summary of Schedules (MUST MEET CONDITION)	Annexure II
8	Detailed Schedules (MUST MEET CONDITION)	Annexure III
9	Top sheet (MUST MEET CONDITION)	Annexure A
10	Declaration (MUST MEET CONDITION)	Annexure B
11	Certificate (MUST MEET CONDITION)	Annexure C
12	Bid Documents in pen drive in word format to be submitted along with bid documents (MUST MEET CONDITION)	PEN DRIVE

2.10 OTHER INSTRUCTIONS:

All applicants should note the following.

2.10.1 Proposals that are incomplete in any respect or those that are not consistent with the requirements as specified in this RFP Document or those that do not contain the information as per the specified formats, **will be considered non-responsive and will be liable for rejection.**

2.10.2 All communication and information provided should be legible, and where ever the information is given in figures, the same should also be mentioned in words. In case of conflict between amounts stated in figures and words, **the amount stated in words will be taken as correct.**

2.10.3 No change in or supplementary information to a Proposal shall be accepted once submitted. However, KRCL reserves the right to seek additional information from the Bidders/Applicants, if found necessary, during the course of evaluation of the Proposal. In case of non-submission, incomplete submission or delayed submission of such additional information clarifications sought by KRCL, the Proposal would be evaluated solely on the basis of the available information.

2.10.4 **KRCL reserves the right to reject any or all of the Proposals without assigning any reason whatsoever.**

2.10.5 Any Certificate/ Documents offered/ submitted/ received after the tender opening shall not be given any credit and shall not be considered.

2.10.6 Tenderer(s) shall note that conditional/alternate offer will not be considered and will summarily be rejected, even though such condition makes them as the lowest tenderer.

2.10.7 The bidders/tenderers should ensure that they are GST compliant. Quoted Rates are inclusive of applicable GST as per the GST ACT 2017 amended from time to time.

2.11 EVALUATION OF FINANCIAL PROPOSAL

The Financial Proposals that are found to be responsive and complete shall be then assessed based on the evaluation criteria as specified below: -

2.11.1 ELIGIBILITY CRITERIA (MUST MEET CONDITION)

2.11.2 The tenderer(s) should have physically & successfully completed similar work viz., "Laying and linking of track work, CTR, TSR, TRR, Deep Screening, Lifting of track, Maintenance of track (or) a Zonal P-Way Contract Work (or) a track maintenance work" for a minimum value of

- 1) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or
- 2) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender or
- 3) One similar work costing not less than the amount equal to 60% of advertised value of the tender in the last Seven years, ending last day of month previous to the one in which tender is invited.

2.11.3 The tenderer must have minimum average annual contractual turnover of V/N or "V" whichever is less, where

V=Advertised value of the tender in crores of Rupees

N= Number of years prescribed for completion of work for which bids have been invited.

The Average annual contractual turnover shall be calculated as an average of "total Contractual Payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The Tenderer(s) shall submit requisite information as per Form III, along with copies of Audited Balance sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance sheet.

2.12 Performance Guarantee:

The Bidder shall obtain (at his cost) and deliver a Performance Guarantee Equal to 5 % of Contract value within 21 days after receiving the Letter of Acceptance. The performance Guarantee shall be at the Bidders option, in any of the following forms.

- A) **DEMAND DRAFT IN FAVOUR OF KRISHNAPATNAM RAILWAY COMPANY LIMITED PAYABLE AT NEW DELHI.**
- B) **FIXED DEPOSIT RECIEPT (With Scheduled Commercial Bank of India) ---a/c with KRCL.**

The Performance Guarantee shall be released without Interest, after the physical completion of the work based on completion certificate by Engineer in chief /KRCL and after passing the Final Bill based on NO CLAIM CERTIFICATE.

2.13 Security Deposit:

The scale of Security Deposit that would be recovered from the contractor shall be as follows as per the Extent instructions.

- a) Security Deposit for the work shall be 5% of the contract value.
- b) The recovery shall be at the rate of 10% from the **running bills** amount till the full security deposit is recovered.
- c) The Bid Security submitted will be adjusted towards Security Deposit payable by the contractor.
- d) Rest of the Security Deposits will be recovered only from the running bills of the contract and no other mode of collecting Security Deposit such as Security in the form of instruments like Bank Guarantees, Fixed Deposit etc, shall be accepted towards Security Deposit.
- e) The Security Deposit shall be released only after the expiry of the contract period and after passing the final bill based on submission of NO CLAIM CERTIFICATE.

3.0: Details of Bid/Tender is placed at Annexure I (TENDER FORM).

4.0: Details of Summary of Work Schedule is placed at Annexure II.

5.0 The tenderer should submit a certificate as indicated in Annexure along with the tender documents. (MUST MEET CONDITION). Bids received without this certificate shall be summarily rejected.

6.0 The tenderer is responsible for complying all legal obligations as may be required by the labour Laws. He shall enclose a declaration as indicated in **Annexure-B** indicating that there are no penalties levied for non-compliance labour laws. (MUST MEET CONDITION). Bids received without this certificate shall be summarily rejected.

FORM I
FORMAT OF COVERING LETTER/PROPOSAL SUBMISSION FORM

(MUST MEET CONDITION)

(The covering letter is to be submitted by the Tenderer/Bidder, on their letter head)

To,

Sr. Manager/ F&A/ Expert,
Krishnapatnam Railway Company Limited.
(RVNL office complex), "Lekha Bhavan" 3rdFloor,
S.C.Railway, Secunderabad- 500025

Dear Sir,

Sub: RFP Application for Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028.

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The undersigned offer for Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028, in accordance with your Request for Proposal Document and our Proposal submitted herewith.

We are hereby submitting our Proposal, which includes a Financial Proposal and other Forms sealed under a separate envelope.

We hereby declare that all the information and statements made in this proposal are true and accept that any misinterpretation contained in it may lead to our disqualification

We undertake, if our Proposal is accepted, to initiate the MAINTENANCE Services related to the assignment within 10 days from the date of issue of letter of intent.

We, the undersigned, declare that:

- i) We have examined and have no reservations to the Bidding Documents.
- ii) We offer to execute the assignment in conformity with the Terms of Reference in Bidding Documents.
- iii) Our Bid shall be valid for a period of 120 days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiry of that period:
- iv) If our bid is accepted, we shall submit a Performance Guarantee in accordance with the Bidding Documents;

- v) If our bid is accepted, we commit to deploy resources and key personnel consistent with the requirements stipulated in the bidding document.
- vi) We understand that this bid, together with your written acceptance thereof included in your notifications of award, shall constitute a binding contract between us, until a formal contract is prepared and executed, and
- vii) We have not tampered or made any changes in the bidding documents on which the bid is being submitted and if any tampering or changes are detected at any stage, we understand the bid will be rejected summarily along with forfeiture of bid security/the contract will be liable to be terminated along with forfeiture of Performance Guarantee, even if LOA has been issued.
- viii) We understand that KRCL reserves its right not to select any or all of the applicant(s) without assigning any reason.

Yours sincerely

Signature of the Bidder:
Name and Title of Signatory:
Name of the firm:
Date:

FORM NO. II

EXPERIENCE CERTIFICATE

S. No.	Work Details	Details
1	Name of Work	
2	Agt. No date and Name of the Agency	
3	Agt. Value in Rs.	
4	Due Date of Completion	
5	Actual Date of Completion	
6	Work Completed/in Progress	

Note: Separate Certificates for each Work Completed and work in physically progress with payments received should be given.

The certificate to be issued by an officer not below the rank of JA Grade or bill passing officer in Railways and Bill passing Officer/Executive In-charge of work in other Government department/Govt bodies/Public Sector under taking. The certificate should bear the signature and seal of the issuing officer, name of the department etc.

Signature:

Name:

Designation:

Office Stamp:

Date:

FORM NO. III

CERTIFICATE FROM CHARTERED ACCOUNTANT IN THEIR LETTER HEAD

TO WHOMSOEVER CONCERNED

We ----- are the Auditors for the Firm/Applicant -----since last----- (many) years. On the Strength of the above association, we are issuing this Certificate to the Firm on the Annual Contractual Turnover during the last three Audited Financial years as per Audited Balance Sheet.

It is further certified that advances or loans taken by the firm in connection with execution of works is not reflected in the contractual receipts from Works Contracts indicated below.

Sl. No.	Financial Year	Contractual Receipts from Works contracts executed for Govt/Govt. bodies/PSUs. Rs.	Remarks (if any)
(1)	(2)	(3)	(4)

Note: Certified Audited Balance sheets as required should be enclosed along with this certificate –
MUST MEET CONDITION

Signature:

Name of CA:

Registration No.

Address:

Office Seal:

Phone No.

Email:

Date:

Annexure A

Top – Sheet

Sl. No.	Description	Document	Folio/ Page number
1	Covering Letter Submission Form. (MUST MEET CONDITION)	Form-I	
2	Cost of Tender Documents Payment Details (MUST MEET CONDITION) – DD No., Date, Amount & Bank Details	DD in Original	
3	Bid Security Payment Details (MUST MEET CONDITION) – DD No., Date, Amount & Bank Details Or RTGS details	DD in Original or UTR number along with proof of deposit in case of RTGS payment	
4	Eligibility Criteria- Experience of Works. (MUST MEET CONDITION)	Form-II	
5	Turnover certificate. (MUST MEET CONDITION)	Form-III	
6	Tender Form (MUST MEET CONDITION)	Annexure I	
7	Summary of Schedules (MUST MEET CONDITION)	Annexure II	
8	Detailed Schedules (MUST MEET CONDITION)	Annexure III	
9	Declaration (MUST MEET CONDITION)	Annexure B	
10	Certificate (MUST MEET CONDITION)	Annexure C	
11	Bid Documents in pen drive in word format to be submitted along with bid documents (MUST MEET CONDITION)	PEN DRIVE	

Signature of the Bidder:

Name and Title of Signatory:

Name of the firm:

Date:

Annexure B

DECLARATION

I..... (Name of the contractor) on behalf of M/s.(Name of the firm, if any) (hereinafter called the tenderer) for the purpose of the Tender Documents for the work of Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028as per the tender Bid No. KRCL/KAPT-OBVP/S&T Maint/2026 of KRCL, do hereby solemnly affirm and state that:

I authorized signatory of the tenderer do hereby certify that Labour Enforcement Officer or Labour Commissioner or appropriate enforcing agency has not levied a single penalty towards violation or non-compliance of labour laws in the last 3 years either in individual capacity or as a firm.

Signature and seal
of the Tenderer

Place:

Date:

Annexure C

FORMAT FOR CERTIFICATE TO BE SUBMITTED/ UPLOADED BY TENDERER ALONGWITH THE TENDER DOCUMENTS

I.....(Name of the contractor) on behalf of M/s.....(Name of the firm, if any)(hereinafter called the tenderer) for the purpose of the Tender Documents for the work of Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028 as per the tender Bid No. KRCL/KAPT-OBVP/S&T Maint/2026 of KRCL, do hereby solemnly affirm and state on 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 the tenderer(s) hereby declare that I/We have downloaded the tender documents from KRCL website www.krcl.org.in. I/We have verified the content of the document from the website and there is no addition, no deletion or no alteration made to the content of the tender document. In case of any discrepancy noticed at any stage, i.e., evaluation of tenders, execution of work or final payment of the contract, the master copy available with the KRCL administration shall be final and binding upon me/us.
- 4) I/We declare and certify that I/We have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
- 5) I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
- 6) I/We declare that the information and documents submitted along with the tender by me/us are correct and I/We are fully responsible for the correctness of the information and documents, submitted by us.
- 7) I/We certify that I/We the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry or Department of Government of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/member of the partnership firm/LLP/JV/ Society/Trust.
- 8) I/We understand that if the contents of the certificate submitted by us are found to be forged/false or incorrect at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two years. Further, I/We (insert name of the tenderer) and all my/our constituents understand that my/our offer shall be summarily rejected.
- 9) I/We also understand that if the contents of the certificate submitted by me/us are found to be false or incorrect at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/ Security Deposit and Performance Guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two years.

10) I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/ We are not from such a country, Or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/We fulfill all the requirements in this regard and am/are eligible to be considered (evidence of valid registration considered by the competent authority is enclosed.

Signature and seal
of the Tenderer

Place:
Date

6.1 Part I: General Conditions of Contract (GCC)

6.1.1 Definitions

The following words and expressions shall have the meanings assigned to them except where the context otherwise requires.

“Agreement” means the Conditions of Service Agreement (Part 1: GCC and Part II: SCC) together with the undertakings and the Appendices, any further clarifications, and Letter of Award and formal Agreement.

“Applicable Law” means the laws and any other instruments having the force of law in India.

“Client” means Krishnapatnam Railway Company Limited also called as KRCL.

“Client’s Representative” means any of its officers nominated by the Client and notified from time to time to the Agency.

MINISTRY OF RAILWAYS (MoR)” means Ministry of Railways having its office at Rail Bhawan, Rafi Marg, New Delhi 110001

“Month” means a period of one month according to the Gregorian calendar commencing with any day of the month.

“BIDDER” means the Agency named in the Agreement, who has to perform the services, and which expression shall include his/their legal successors and permitted assigns.

“Party” means Client or Agency as the case may be and “Parties” means both of them.

“Third party” means any other person or entity as the context requires.

“Rupees” means the currency of India, and shall be the currency used for the project.

6.1.2 Interpretation

6.1.2.1 The headings in the Agreement shall not be used in its interpretation.

6.1.2.2 The singular includes the plural, the masculine includes the feminine, and `vice-versa where the context requires.

6.1.2.3 If there is a conflict between provisions of the Agreement, the last to be written chronologically shall prevail, unless otherwise specified in Part II of the Service Agreement – SCC.

6.1.3 Obligations of Agency/ Bidder.

6.1.3.1 Scope of Services to be performed by the Agency/ Bidder.

6.1.3.2 The Agency/Bidder shall exercise reasonable skill, care and diligence in the performance of his obligations under the Agreement.

6.1.3.3 Performance Guarantee

The Agency/Bidder shall obtain (at his cost) and deliver a Performance Guarantee equal to 5 % of contract value (detail to be seen under INSTRUCTIONS TO TENDERERS AND CONDITIONS OF TENDER– ‘PERFORMANCE GUARANTEE BELOW’) to the client Instructions within 21 (Twenty One) days from the date of issue of Letter of Acceptance. The Performance Guarantee shall be at the Agency’s option, in any of the following forms

A) DEMAND DRAFT IN FAVOUR OF KRISHNAPATNAM RAILWAY COMPANY LIMITED, PAYABLE AT NEW DELHI

B) FIXED DEPOSIT RECEIPT (WITH INDIAN BANKS ONLY) -----a/c with KRCL.

Wherever the contract is terminated under Clause 6.1.15.1.2 of this document, the Performance Guarantee shall be encashed or payment of 5% of contract value deposited with the client shall be withheld and the balance work should be got done separately.

The balance work shall be got done independently without risk and cost of the original Agency.

6.1.4 Change in Constitution

The Agency shall promptly notify Client of any changes in the constitution of the Agency. It shall be open for Client to terminate the Agreement on the addition or introduction of new partner managing the Project for the Agency without the previous approval in writing of Client. But in absence of and until its termination by Client as aforesaid, this Agreement shall be in full force, and effect notwithstanding any changes in the constitution of the Agency by addition or introduction of any new partners.

6.1.5 Information

Client shall within a reasonable time give to Agency, free of cost, all information which they are able to obtain and which may pertain to the services.

6.1.6 Decisions

On all matters properly referred to it in writing by the Agency/Bidder, Client shall give a decision in writing within a reasonable time.

6.1.7 Assistance

CLIENT shall assist in:

- (i) Providing Agency Bidder unobstructed access wherever it is required for the services.
- (ii) Providing Agency/Bidder access to other organizations for collection of information.

6.1.8 Engaging of Personnel

6.1.8.1 The Agency/Bidder shall employ and provide such qualified and experienced personnel as are required to carry out the Services.

6.1.8.2 The Agency/Bidder shall ensure that the key personnel are assigned to the specified tasks and deployed on the field in accordance with the work plan.

6.1.8.3 Representatives

For the administration of the Agreement, the Agency shall designate an official or individual to be his representative.

6.1.8.4 Changes in Personnel

6.1.8.4.1 Except as the Client may otherwise agree, no changes shall be made in the Key Personnel. If, for any reason beyond the reasonable control of the Agency, such as retirement, death, medical incapacity, among others, it becomes necessary to replace any of the Key Personnel, the Agency/Bidder shall provide as a replacement a person of equivalent or better qualifications and experience. This shall however be done with the approval of Client within 7 days of such an event, and hence, no penalty shall then be leviable. However, change of key personnel may also be permitted by KRCL in exceptional circumstances, if the contractual period extends beyond the permissible limits of the currency of the contract, no penalty will be levied if the delay is on account of KRCL. However, if the Agency/Bidder replaces/changes any of the Key Personnel without the prior consent/approval of KRCL, then a sum equal to One month salary of the removed/changed Key personnel will be deducted from the agency/Bidder as penalty for each such case of change in Key personnel. However, in case of repeated similar changes by the agency/Bidder the amount of penalty can be increased by the client at its discretion upto Two times of the normal penalty applicable.

6.1.8.4.2 If the Client finds that any of the Personnel have (i) committed serious misconduct or have been charged with having committed a criminal action, or (ii) have reasonable cause to be dissatisfied with the performance of any of the Personnel, then the Agency/Bidder shall, at the Client's written request specifying the grounds thereof, provide as a replacement a person with qualifications and experience acceptable to the Client.

6.1.8.4.3 The Agency/Bidder shall have no claim for additional costs arising out of or incidental to any removal and/or replacement of Personnel.

6.1.9 Liability of Agency/Bidder to Client

6.1.9.1 The Agency/Bidder shall only be liable to pay compensation to Client arising out of or in connection with the Agreement if a breach of Contract is established against him.

6.1.9.2 Such compensation shall be limited to the fees actually paid to the Agency under this Contract.

6.1.9.3 Duration of Liability

The Agency shall not be considered liable for any loss or damage resulting from any occurrence unless a claim is formally made on him by the client.

6.1.10 Agreement Effective Date

The Contract shall come into effect from the date of acceptance of Letter of Award by the agency/bidder or the date of commencement of work as intimated by the agency/bidder to the client, whichever is earlier.

6.1.11 Commencement and Completion

The Services shall be commenced and completed at the times or within the periods stated in Agreement subject to extensions in accordance with the Agreement.

6.1.12 Modifications

6.1.12.1 The Contract can be modified with mutual consent of the parties.

6.1.12.2 KRCL shall have right to extend the contract period further at the same Rates, Terms and conditions with the mutual consent of the Agency under "Variation Clause".

6.1.13 It shall be the bounded duty of the Agency/Bidder to strictly adhere to the time for performance of various services indicated in the Contract.

6.1.14 Extension of Time for Completion

6.1.14.1 If circumstances arise for which the Agency/Bidder is not responsible and which make it impossible for him to perform in whole or in part the Services in accordance with the Contract he shall promptly dispatch a notice to Client for extension of time, giving specific reasons.

6.1.14.2 The client on his satisfaction regarding genuineness and adequacy of the circumstances will grant such extension. However, no additional cost will be paid for the extended period.

6.1.15 Abandonment, Suspension or Termination

6.1.15.1 By Notice of Client

6.1.15.1.1 Client may suspend all or part of the Services or terminate the Agreement by notice of at least 14 days to the Agency who shall immediately make arrangements to stop the Services and minimize expenditure.

6.1.15.1.2 If Client considers that Agency/Bidder is not discharging his obligations or has engaged in corrupt or fraudulent practices or has defaulted in any terms of the Agreement or has failed to provide correct information in relation to the Assignment; Client can inform the Agency by notice stating grounds for the notice. If a satisfactory reply is not received within 7 days of receipt of the notice by Agency, Client can with a further notice terminate the Agreement.

6.1.15.1.3 If Agency /Bidder is adjudged bankrupt, or if he makes a general assignment for the benefits of his creditors, or if a receiver is appointed on account of his insolvency, or persistently disregards laws, ordinances, rules, regulations or orders of any public authority having jurisdiction, or otherwise is guilty of a breach of the Agreement, then Client may terminate the services of the Agency as per the procedure given in the previous clause.

6.1.15.1.4 Client may complete the project by whatever method may be deemed expedient and the Agency shall not be entitled to receive any further payment.

6.1.15.2 By Notice of the Agency/Bidder

6.1.15.2.1 The Agency/Bidder may, by notice to the Client, terminate this contract if payments pursuant to Clause 6.1.17 and 6.1.18 of this Agreement are not received within 30 days after the due dates, and such default has not been remedied within 45 days after notice has been given by the Agency to the Client.

6.1.16 Rights and Liabilities of the Parties

Termination of the Agreement shall not prejudice or affect the accrued rights or claims and liabilities of either party.

6.1.17 Payment to Agency/Bidder

Client shall pay the Lump sum Price to the Agency in partial payments for the performance of services as described in accepted schedule of payment. Partial payments may be withheld if the Agency does not deploy the key personnel in accordance with the staffing schedule. Whenever the team leader/key professional does not attend scheduled meetings, a penalty amounting to 15 days salary of such team leader/key professional shall be imposed on the agency/bidder for every single default, in absence of the prior notice of 7 (seven) days / intimation for non-attendance due to unavoidable circumstances. However, absence of key personnel due (i) to death, medical incapacity, retirement, etc., upto a reasonable period of 7days and (ii) under force majeure conditions may be accepted by the client upon receipt of immediate information from the Agency/bidder.

6.1.18 Time for Payment

Amount due to the Agency shall be paid promptly and generally within 30 days of presentation of claim (Bill).

6.1.19 Currency of Payment

All payments shall be made in Indian Rupees.

6.1.20 Disputed invoices

If any item or part of an item in an invoice submitted by the Agency is contested by Client, then Client shall give prompt notice with reasons and shall not delay payment on the balance invoice.

6.1.21 Language and Law

The language of the agreement shall be English and it shall be governed by Indian Laws.

6.1.22 Assignment and Sub-Contracts

6.1.22.1 The Agency shall not, without the written consent of Client, assign the benefits from the Agreement.

6.1.22.2 The Agency shall not assign obligations under the Agreement without the written consent of Client.

6.1.22.3 The Contractor/Agency shall not without the written consent of the Client initiate or terminate any sub-contract for performance of all or part of the Services.

6.1.23 Copyright

The copyright of all documents prepared by the Agency in performance of the services under the Agreement shall be vested in Client provided that the Agency may retain copies of the documentation prepared by them for record purposes only.

6.1.24 Conflicts of Interest

6.1.24.1 Unless otherwise agreed in writing by Client, the Agency and his personnel shall have no interest in nor receive remuneration in connection with the Project except as provided for in the Agreement.

6.1.24.2 The Agency shall not engage in any activity that might conflict with the interests of Client under the Agreement.

6.1.25 Notices

Notices under the Agreement shall be in writing and will take effect from receipt at the address stated in Part II of the Service Agreement. Delivery can be by hand or facsimile message subsequently confirmed by letter or by registered letter against a written confirmation of receipt.

6.1.26 Publication

Unless otherwise specified in Part II of the Service Agreement, Agency either alone or jointly with others, can publish material relating the Services, subject to approval by Client, if it is within two years of completion or termination of the services. Thereafter, the Agency may publish only that information/material which is already available in the public domain. For information not available in the public domain, the Agency shall necessarily have to obtain the prior permission of KRCL before publication of such material.

6.1.27 Claims for Loss or Damage

Any claim for loss or damage arising out of breach or termination of the Agreement shall be agreed between Client and the Agency or failing which the same shall be referred to arbitration in accordance with Clause 6.1.29 of this agreement.

6.1.28 Taxes and Duties

The Agency and their personnel shall pay such taxes, duties, fees and other impositions as may be levied under the Applicable Laws, the amount of which shall be deemed to have been included in the Contract Price. Further, if the rates of existing taxes increased or decreased or removed by Statute after the date of opening of tender, the change in tax rates will be adjusted from the contractor bills accordingly.

6.1.29 Conciliation and Arbitration

6.1.29.1 Any dispute or claim arising out of or relating to this Agreement or the breach, termination or the invalidity thereof, shall firstly be attempted to be settled by conciliation.

6.1.29.2 All dispute relating to this contract on any issue whether arising during the progress of the services or after the completion or abandonment thereof or any matter directly or indirectly connected with this Agreement shall in the first place be referred to a mutually agreed sole conciliator to be appointed by Client.

6.1.29.3 The Conciliator shall make the settlement agreement after the parties reach agreement and give an authenticated copy thereof to each of the parties.

6.1.29.4 The settlement agreement shall be final and binding on the parties. The settlement agreement shall have the same status and effect of an arbitration award.

6.1.29.5 The views expressed or the suggestions made or the admissions made by either party in the courses of conciliation proceedings shall not be introduced as evidence in any arbitration Proceedings.

6.1.29.6 Any dispute that cannot be settled through the Conciliation procedure shall be referred for Arbitration in accordance with the Rules stipulated in Part II of this Agreement (para 6.2.2 below) in force on the effective date of the Agreement.

6.1.29.7 The parties agree to comply with the awards resulting from arbitration and waive their rights to any form of appeal in so far as such waiver can validly be made.

6.1.30 Force Majeure

6.1.30.1 If, at any time during the currency of the Contract, the performance in whole or in part by either party of any obligation under this Contract shall be prevented or delayed by reason of any war, hostilities, invasion, acts of public or foreign enemies, rebellion, revolution, insurrection, civil commotion, sabotage, large scale arson, floods earthquake, large scale epidemics, nuclear accidents, any other catastrophic unforeseeable circumstances, quarantine restrictions, any statutory rules, regulations, orders or requisitions issued by a Government department or competent authority or acts of God (hereinafter referred to as "event") then, provided notice of the happening of such an event is given by either party to the other within 21 days of the occurrence thereof.

6.1.30.2 Neither party shall by reason of such event be entitled to terminate the Contract or have claim for damages against the other in respect of such non-performance or delay in performance.

6.1.30.3 The obligations under the Contract shall be resumed as soon as practicable after the event has come to an end or ceased to exist.

6.1.30.4 If the performance in whole or part of any obligation under the Contract is prevented or delayed by reasons of the event beyond a period mutually agreed to if any, or 120 days, whichever is more, either party may at its option terminate the Contract.

6.1.30.5 In case of doubt or dispute, whether a particular occurrence should be considered an "event" as defined under this clause, the decision of the Client shall be final and binding.

6.1.30.6 Deliverables which have been accepted shall be paid for by the Client even if the same is subsequently destroyed or damaged as a result of the event. The cost of rebuilding or replacing any work that has been delivered shall be borne by the Client.

6.1.30.7 If the Contract is terminated under the Clause, the Agency shall be paid fully for the work done under the Contract, but not for any defective work or work done which has been destroyed or damaged before its acceptance.

6.1.30.8 If neither party issues notice regarding the event within 21 days of its occurrence, the said event be deemed not to have occurred and the Contract will continue to have effect as such.

6.2 Part II: Special Conditions of Contract (SCC)

6.2.1 Language of the Agreement shall be English.

The Agreement shall be interpreted, construed and governed by the laws of India and the legal proceedings, if any, shall be under the jurisdiction of the courts of Hyderabad.

6.2.1.1 Notices shall be delivered to:

For CLIENT:

Client

For the Agency

Attention:

Facsimile:

6.2.2 Arbitration

6.2.2.1 If the efforts to resolve all or any of the disputes through conciliation fail, then such disputes shall be referred within 30 days for Arbitration in accordance with the following provisions:

6.2.2.2 All the matters to be arbitrated upon under this agreement shall be referred to a sole Arbitrator.

6.2.2.3 The Client shall prepare a panel of three Arbitrators, who are not associated with work, out of which the Agency will choose one.

6.2.2.4 If, in a dispute subject to clause 6.2.2.2 of this agreement the Agency fails to appoint the arbitrator within thirty (30) days after the Client has nominated the panel, the Client may nominate an arbitrator from the panel of arbitrators, for that dispute.

6.2.2.5 No suspension of work on account of arbitration.

6.2.2.6 The reference to arbitration shall proceed notwithstanding that Works shall not then be or be alleged to be complete provided always that the obligations of the Client and the agency shall not be altered by reasons of arbitration being conducted during the progress of Works. Neither party shall be entitled to suspend the work to which the dispute relates on account of arbitration.

6.2.3 Rules Governing the Arbitration Proceedings

6.2.3.1 The arbitration proceedings shall be governed by Indian Arbitration and Conciliation Act 1996, as amended from time to time including provisions in force at the time the reference is made.

6.2.3.2 Interest on Arbitration Award

6.2.3.3 Where the Arbitration award is for payment of money, no interest shall be payable on whole or any part of the money for any period, till the date on which the award is made.

6.2.4 Cost of the Arbitration

The cost of arbitration shall be borne by the respective parties. The cost shall inter-alia include the fees of the arbitrator(s) as per the rates fixed by CLIENT from time to time.

7.0.1 VARIATION OF COSTS (PVC) Labour and material escalation clause: NOT APPLICABLE to this contract.

8.0.1 VARIATIONS IN QUANTITIES;

The quantities of each item of work furnished in the schedule are approximate and are intended for the guidance of Tender/Contractor in actual execution of work there may be some increase in the quantities specified. Such variation up to 25% shall in no degree affect the validity of the contract and it shall be performed by the contractor as provided there in and be subjected to the same conditions, stipulations and obligations originally and expressly included and provided for in specification and drawings and the amount to be paid therefore shall be calculated in accordance with the following rates.

8.0.2. In case an increase in quantity of an individual item by more than 25% of the agreement quantity is considered unavoidable, then same shall be executed at following rates.

(a) Quantities operated in excess of 125% but up to 140% of the agreement quantity of the concerned item, shall be paid at 98% of the rate awarded for that item in that particular tender.

(b) Quantities operated in excess of 140% but up to 150% of the agreement quantity of the concerned item shall be paid at 96% of the rate awarded for that item in that particular tender.

(c) Variations in quantities of individual items beyond 150% will be avoided and would be permitted only in exceptional unavoidable circumstances and shall be paid at 96% of the rate awarded for that item in that particular tender.

(d) Variation to quantities of Minor Value item

The limit for varying quantities for minor value items shall be 100% (as against 25% prescribed for other items). A minor value item for this purpose is defined as an item whose original agreement value is less than 1% on the total original agreement value.

(d) (i) Quantities operated up to and including 100% of the agreement quantity of the concerned minor value item, shall be paid at the rate awarded for that item in that particular tender.

(d) (ii) Quantities operated in excess of 100% but up to 200% of the agreement quantity of the concerned minor value item, shall be paid at 98% of the rate awarded for that item in that particular tender.

(d) (iii) Variation in quantities of individual minor value item beyond 200% will be avoided and would be permitted only in exceptional unavoidable circumstances and shall be paid at 96% of the rate awarded for that item in that particular tender.

8.03. General Conditions of Contract of INDIAN RAILWAYS will be applicable for this contract.

9.0.1 **Provisions of payment of wages Act:** The contractor shall comply with the provisions of the Payment of Wages Act. 1936, revised/modified from time to time and in force as on date and the rules made there under in respect of all employees directly or through pretty contractors or sub-contractors employed by her in the services/works.

9.02. **Provisions of Employees Provident Fund and Misc Provisions Act:** The Agency should ensure Statutory payments, such as EPF/ESI/Insurance/Minimum Wages etc. to its employees /labour.

9.0.3 The contractor shall comply with the provisions of Employees Provident Fund scheme, Employees' Pension scheme etc. The details of the scheme and procedure of payment may be referred from GCC of South-Central Railway.

9.0.4 In respect of man power schedules, the contractor shall be responsible for complying all legal obligations as may be required by the law.

9.0.5 The Agency should provide Personnel Protective Equipment (PPE) like, Helmets, Safety Slings, Reflective Jackets, Hand Gloves, Shoes, Uniform etc. to its staff/Labour. In case of non-compliance or non-wearing the PPE kit by the contractor staff during their performance of duty, suitable penalty will be levied by the KRCL inspecting officials. The penalty levied by the inspecting officials of KRCL should be made good by the contractor within a week's time. In case of non-payment of penalty within a week, the same will be recovered from the on-account bills.

9.0.6 In respect of maintenance schedules, the contractor man power should take up daily/ monthly/ quarterly/ half-yearly/yearly maintenance schedules as per the codal provisions and other instructions/guidelines issued from time to time. Apart from the maintenance works indicated in the schedule, the contractor man power should take up any other work, at any time, at any part of the KRCL project line, as assigned by the site engineer, as per the need/requirement.

ANNEXURE I
KRISHNAPATNAM RAILWAY COMPANY LIMITED
TENDER FORM

Name of the work: Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028.

To

Sr. Manager/ F&A/ Expert,
Krishnapatnam Railway Company Limited.
(RVNL office complex), "Lekha Bhavan" 3rdFloor,
S.C.Railway, Secunderabad- 500025

I/We _____ have read the various conditions to tender attached hereto and agree to abide by the said conditions. I/We offer to do the work for KRCL, at the rates quoted in the attached schedule and hereby bind myself/ourselves to complete the work in all respects within with in stipulated period from the date of issue of letter of acceptance of the tender.

2. I/We also hereby agree to abide by the Indian Railways Standard General Conditions of Contract, with all correction slips up-to-date and to carry out the work according to the Special Conditions of Contract and Specifications of materials and works as laid down by Railway in the annexed Special Conditions/Specifications, Schedule of Rates with all correction slips up-to-date for the present contract.

3. Bid Security for a sum of ₹8,21,500/- is paid vide DD No....., Date..... of Bank. DD in original is enclosed. Or, Bid Security for a sum of ₹8,21,500/- is paid through RTGS vide UTR reference No., Date..... . A copy of the RTGS payment is placed in the sealed cover No. 2. Full value of the Earnest Money shall stand forfeited without prejudice to any other right or remedies in case my/our Tender is accepted and if:

- (a) I/We do not submit the Performance Guarantee within the time specified in the Tender document;
- (b) I/We do not execute the contract documents within seven days after receipt of notice issued by KRCL that such documents are ready; and
- (c) I/We do not commence the work within fifteen days after receipt of orders to that effect.

4. Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.

Signature of Witnesses: _____

(1) _____ Signature of Tenderer(s)

(2) _____ Date _____

Address of Tenderer(s)

Annexure II
TENDER FORM

Name of the work: Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028.

Summary of SCHEDULE

SL	Description of Schedule	Estimated cost (in Rs.)	Rate quoted by the contractor's percentage, Above, Below, At par % In Figures.	% Quoted in words	Write whether percentage quoted in Col. 4/5 is above/ Below/ At par over Estimated Rate	Amount In Figures	Amount in words
1	2	3	4	5	6	7	8
1	SCH. I	32208000					
2	SCH. II	8864000					
	Total	41072000					

The quantities shown in above Schedule are approximate and are as a guide to give the tenderer (s) an idea of quantum of work involved. The KRCL reserves the right to increase/ decrease, add or delete or include any of the quantities given above and no extra rate will be allowed on this account.

The tenderer should quote the percentage rate, in both figures and words, for each schedule in columns 4 & 5 respectively. Also mention in Column No. 6 whether the percentage rate mentioned in columns 4 & 5 are **ABOVE** or **BELOW** or **AT PAR** over the estimated rate.

- a. The price for each schedule shall be calculated and written against each schedule, in both figures and words in Columns 7 & 8 respectively.
- b. The total price as sum of the price of all the bills/schedules shall be shown, in both figures and words under Columns 7 & 8 respectively.
- c. Bidder should ensure that the rates are filled with due care and caution so as not to lead to any omission or discrepancy or ambiguity.
- d. The item rates given in each schedule are based on INCLUSIVE of GST-18%.
- e. While quoting the rates, Bidders shall consider the various provisions of the Central Goods and Services Tax Act, 2017 (CGS Integrated Goods and Services Tax Act, 2017 (IGST)/Union Territory Goods and services and Tax Act 2017 (UTGST)/respective State's States Goods and Services Tax Act, 2017(SGST) also, as notified by Central/State Government & as amended from time to time and all taxes, duties and levies applicable to the contract. Bidders shall also ensure that full benefit of Input Tax credit (ITC) likely to be admissible to them is duly considered while quoting rates.

f. The successful bidder who is liable to be registered under CGST/IGST/UTGST/SGST Act shall submit GSTIN along with other details required under GST/IGST/UTGST/SGST Act to KRCL within 07 days from the date of the award of contract, without which no payment shall be releases to the contractor. The Contactor shall be responsible for deposition of applicable GST to be concerned Authority.

g. INSTRUCTIONS FOR Schedule II

- a) The vehicles shall be new and delivered and maintained by the contractor in Good Road worthy conditions including daily cleaning. The vehicle shall be replaced with a new vehicle after a maximum run of 75000 Kms or Three years old from the date of its registration, whichever is earlier.
- b) The contractor shall employ and make available competent drivers duly Licensed to operate the vehicles as and when required by the Officers of KRCL. The contractor shall replace drivers at the request of the officers of KRCL.
- c) The vehicles shall be licensed and insured for use on the public highway and shall have Comprehensive Insurance and Third Party cover for any qualified driver authorized by the Officers of KRCL together with any authorized passengers and the carriage of Goods and samples.
- d) The contractor shall provide fuel, oil for running of each vehicle for 4000/3000 KMs per month. The contractor should ensure maintenance/servicing of the vehicles in conformity with the vehicle manufacturer's recommendations regularly, as and when due. The contractor should pay all relevant toll and parking charges incurred in connection with the Works. The vehicle shall be provided day and night as required by the officers of KRCL.
- e) A suitable replacement shall be provided by the contractor for any vehicle out of service for more than 24 hours. If the contactor at any time fails to provide vehicles or substitute vehicle as specified, an amount of Rs.2000/- per day for each vehicle (that the contractor failed to provide) shall be recovered from the contractor.
- f) Contractor should engage drivers for day and night shift separately and should be available with vehicles at Hqrs. The rate should be quoted accordingly.

KRISHANAPATNAM RAILWAY COMPANY LIMITED

KRCL invites Tenders for the following works.

The closing Date and Time is 14.30 Hrs of 25.04.2026

Name of the work	Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028.
Tender Type	Open
Cost of Bid Document	Rs. 5,000/-
Advertised Value	Rs. 4,10,72,000/-
EMD	Rs. 8,21,500/-
Tender Closing Date & Time	14.30 Hrs of 25.04.2026.
Tender Opening Date & Time	15.00 Hrs of 25.04.2026
Contract Period	2 Years (24 Months) from 01.06.2026 to 31.05.2028

I. Instructions to Tenderers and Conditions of Tender: The following documents form part of Tender/ Contract:

- (a) Tender Forms – First Sheet and Second Sheet
- (b) Special Conditions/Specifications of South-Central Railway applicable
- (c) Schedule of approximate quantities (enclosed)
- (d) Standard General Conditions of Contract and Standard Specifications (Works and Materials) of Indian Railways as amended/corrected up to latest correction slips,
- (e) Schedule of Rates (enclosed)

II. The Tenderer(s) shall quote his/their rates as a percentage above or below or AT PAR the Schedule of Rates of KRCL as applicable to except where he/they are required to quote item rates and must tender for all the items shown in the Schedule of approximate quantities attached. The quantities shown in the attached Schedule are given as a guide and are approximate only and are subject to variation according to the needs of the KRCL. The KRCL does not guarantee work under each item of the Schedule. The tenderer(s) shall quote rates / rebates only at specified place in Tender Form. Any revision of rates / rebates submitted (quoted) through a separate letter whether enclosed with the bid (Tender Form) or submitted separately or mentioned elsewhere in the document other than specified place shall be summarily ignored and will not be considered.

III. Tenders containing erasures and / or alterations of tender documents are liable to be rejected. Any correction made by tender(s) in his/their entries must be attested by him / them.

IV. The works are required to be completed within a period of TWENTYFOUR months from the date of issue of acceptance letter.

V. **ELIGIBILITY CRITERIA** (For works whose advertised Tender value is costing above Rs 50 Lakhs).

INSTRUCTIONS TO TENDERERS AND CONDITIONS OF TENDER

5.0 The tenderer who fulfils the following eligibility criteria are only eligible to quote:

5.1 ELIGIBILITY CRITERIA & CREDENTIALS OF THE TENDERER:

a) The tenderer(s) should have physically completed works viz.,

“Laying and linking of track work, CTR, TSR, TRR, Deep Screening, Lifting of track, Maintenance of track (or) a Zonal P-Way Contract Work (or) a track maintenance work” for a minimum value of

1) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or

2) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender or

3) One similar work costing not less than the amount equal to 60% of advertised value of the tender

in the last Seven years, ending last day of month previous to the one in which tender is invited.

b) The total value of similar nature of work completed during the qualifying period and not the payments received within qualifying period alone, shall be considered. In case, the Final Bill of similar nature of work has not been passed and final measurements have not been recorded, the paid amount including statutory deductions will be considered. If final measurements have been recorded and work has been completed with negative variation, then also the paid amount including statutory deductions will be considered. However, if final measurements have been recorded and work has been completed with positive variation but variation has not been sanctioned, original contract value or last sanctioned Agreement value, whichever is lower shall be considered for judging eligibility.

5.1.2 **FINANCIAL TURNOVER:** The tenderer must have minimum average annual contractual turnover of V/N or “V” whichever is less, where

V=Advertised value of the tender in crores of Rupees

N= Number of years prescribed for completion of work for which bids have been invited.

The Average annual contractual turnover shall be calculated as an average of “total Contractual Payments” in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The Tenderer(s) shall submit requisite information as per Form III, along with copies of Audited Balance sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance sheet.

5.1.3 The value of work completed will not include the cost of any materials issued free of cost by the Railway / Department NGR/ Private line section of at least 50KM long etc. Only cash value of the Agreement and executed cash value will be reckoned for eligibility.

NOTE: The tenderer who do not fulfill the requisite qualifications and who do not furnish documentary evidence along with Tender document will be summarily rejected. Any misleading/incorrect information will be rescinded and will lead to disqualification of tender.

5.1.4 The tenderer(s) shall also submit the following documents along with his/their tender.

- a) List of personnel, organization available on hand and proposed to be engaged for the subject work.
- b) List of plant and machinery available on hand (own) and proposed to inducted (own and hired to be given separately) for the subject work.
- c) List of works completed in the last three financial years giving
(i) description of work, (ii) organization for whom executed, (iii) approximate value of contract at the time of award, (iv) date of award and date of scheduled completion of work, (v) Date of actual start, (vi)F actual completion and final value of contract should also be given.
- d) List of works on hand indicating description of work with locations, contract value, approximate value of balance work yet to be done and date of award.

5.1.5 In case of Clause 5.1.4 (c) and (d) mentioned above, supportive documents/ certificates from the organizations with whom they worked/are working should be enclosed.

5.1.6 **Certificates from private individuals for whom such works are executed/being executed will not be accepted.**

5.1.7 The works executed by the tenderer for Government Departments or Semi Governments/Public Sector undertaking/NGR/Private Line Owner of repute having at least 50 Km section shall only be considered for eligibility. **Works executed for a party other than these parties shall not be considered for eligibility.** The experience certificate to be issued by an officer not below the rank of JA Grade or bill passing officer in Railways or Bill passing Officer/Executive In-charge of work in other Government department/Govt. bodies/Public Sector Under taking/NGR or General Manager level Officer of a Private Railway co. The certificate should bear the signature and seal of the issuing Officer and name of the department etc.

- 5.1.8
- i) In case the tenderer is a partnership firm(s), the experience and turnover certificate shall be in the name and style of the firm only
 - ii) If the Tenderer is a partnership firm, all the partners shall be jointly and severally liable for successful completion of the work and no request for change in the constitution of the Firm shall be entertained.
 - iii) During the currency of the contract, no partner of the firm shall be permitted to withdraw from the partnership business and in such an event it shall be treated as breach of trust and abandonment of contract.
 - iv) Partnership firms should submit
 - a) Partnership Deed,
 - b) Power of Attorney (duly registered as per prevailing law) in favour of an individual to sign the tender documents and create liability against the firm
 - c) PAN/ TAN number of partnership firm. PAN/ TAN number in the name of any of the constituent partners shall not be considered.

- d) An undertaking by all partners of the partnership firm that they are not block listed or debarred by Railways or any other Ministry/ Department of the Government of India/ any State Government from participation of tenders/ contracts as on the date of opening of bids, either in their individual capacity or in any firm in which they were/ are partners. Concealment/ wrong information in regard to above shall make the contract liable for determination under clause 62 of the General Conditions of Contract.
 - e) All the above are MUST MEET CONDITIONS for partnership firms.
- 5.2.0 The tenderer/tenderers shall quote percentage rates as stipulated in the schedules. The quantities shown in the attached schedule are given as guidance and are approximate only and are subject to variation according to the needs of the KRCL. KRCL accepts no responsibility for their accuracy, and the KRCL does not guarantee work under each item of schedule.
- 5.2.1 The tenderers are required to take note of all the Schedules are inclusive of Taxes and Govt. Cess leviable under Works Contract and quote their rates inclusive of all taxes, GST and Cess etc.
- 5.2.2 Bids containing erased and/or alterations of the tender documents are liable to be rejected. Any corrections made by the tenderer/tenderers in his/their entries must be attested by him/them.
- 5.3.0 The work is required to be completed within a period of (Twenty Four) 24 months from the date of issue of acceptance letter including intervening monsoon period.
- 5.4.0 **BID Security (Earnest Money) should only be paid through “DEMAND DRAFT” in favour of ‘Krishnapatnam Railway Company Limited’ payable at New Delhi or Through RTGS. Cheques, War Bonds and Government Promissory Notes will not be accepted towards the Earnest Money. No interest shall be paid on the earnest money. Earnest Money to the unsuccessful bidders will be returned within thirty (30) days from the date of issue of the LOA to the successful bidder.**
 The tenderer shall hold the offer open till such date as may be specified in the tender. It is understood that the tender documents have been sold/issued to the tenderer and the tenderer is being permitted to tender in consideration of the stipulation on his part that after submitting his tender he will not resile from his offer or modify the terms and conditions thereof in a manner not acceptable to the KRCL. Should the tenderer fail to observe or comply with the foregoing stipulation, the amount deposited as security for the due performance of the above stipulation shall be forfeited by KRCL. If the tender is accepted, the amount of Earnest Money will be held as security deposit for the due and faithful fulfillment of the contract. The earnest money of unsuccessful tenderers will save as herein before provided be returned to the unsuccessful tenderers but KRCL shall not be responsible for any loss or depreciation that may happen to the security for the due performance of the stipulation to keep the offer open for the period specified in the tender documents or to the earnest money while in their possession nor be liable to pay interest thereon.
- 5.4.1 It shall not be obligatory on the said authority to accept the lowest tender and no tenderer/tenderers shall demand any explanation for the cause of rejection of his/their tender.
- 5.4.2 If the tenderer deliberately furnishes wrong information in his/their tender or creates/create circumstances for the acceptance of his/their tender, KRCL reserves the right to reject such tender at any stage.

- 5.4.3 If a tenderer expires after the submission of his tender or after the acceptance of his tender, KRCL shall deem such Bid as cancelled. If a partner of a firm expires after the submission of their tender or after the acceptance of their tender, the KRCL shall deem such tender as cancelled, unless the firm retains its character.
- a) Documents testifying to the tenderer's works experience and financial status should be submitted along with the tender.
- 5.4.4 Tenders must enclose in a sealed cover, super scribed with the name of the work as appearing on the top sheet and must be sent by registered post/ or as mentioned in Tender Notice, so as to **reach not beyond 14.30 hours on 25 April 2026 or deposited in the box kept for the purpose. The boxes will be sealed at 14.30 hours on 25.04.2026 and will be opened at 15.00 hours on 25.04.2026 at the place mentioned above.**
- 5.4.5 Non-compliance with any of the condition set forth herein above is liable to result in the tender being rejected.
- 5.4.6 The authority for acceptance of the tender, who does not bind himself to accept the lowest or any other tender nor does he undertake to assign reasons for declining to consider any particular tender or tenders.
- 5.4.7 The successful tenderer/tenderers shall be required to execute an agreement with the KRCL within seven days of notice from KRCL for carrying out the work according to the General Conditions of Contract and specifications for works and materials, of South Central Railway Standard Specifications including correction slips issued from time to time.
- 5.4.8 The tenderer shall keep the offer open for a minimum period of 120 days from the date of opening of the tender, within which period; the tenderer cannot withdraw his offer, subject to the period being extended further if required, by mutual agreement from time to time. Any contravention of the above condition will make the tenderer liable for forfeiture of EMD for due performance of the foregoing stipulations.
- 5.4.9 Should the KRCL decide to negotiate with a view to bring down the rates, the tenderer called for negotiations should furnish the following form of declaration before commencement of negotiations.

I/We-----do declare that in the event of failure of contemplated negotiations relating to Tender No.KRCL/ P. Way Maint./ Package – 1/KAPT-OBVP/2026 opened on -----my original tender shall remain open for acceptance on its original terms and conditions.

5.5.0 **DEDUCTION OF INCOME TAX AT SOURCE:**

In terms of Section 194-C inserted by the Finance Act, 1972, in the Income-Tax Act, 1961, the KRCL shall, at the time of arranging payments to the contractor and/or sub-contractor (in the case of sub-contractor only when the KRCL is responsible for payment of consideration to him under the contract) for carrying out any work (including supply of labour for carrying out any work) under the contract, be entitled to deduct Income-Tax at source on income comprised in the sum of such payment.

The deductions towards income-tax to be made at source from the payment due to non-residents shall continue to be governed by Section 195 of the Income-Tax Act 1961.

5.5.1 Tenders are required to submit the following documents along with the tender:

Sl. No.	Description	Document
1	Covering Letter Submission Form. (MUST MEET CONDITION)	Form-I
2	Cost of Tender Documents Payment Details (MUST MEET CONDITION) – DD No., Date, Amount & Bank Details	DD in Original
3	Bid Security Payment Details (MUST MEET CONDITION) – DD No., Date, Amount & Bank Details Or RTGS details	DD in Original or UTR number along with proof of deposit in case of RTGS payment
4	Eligibility Criteria- Experience of Works. (MUST MEET CONDITION)	Form-II
5	Turnover certificate. (MUST MEET CONDITION)	Form-III
6	Tender Form (MUST MEET CONDITION)	Annexure I
7	Summary of Schedules (MUST MEET CONDITION)	Annexure II
8	Detailed Schedules (MUST MEET CONDITION)	Annexure III
9	Top sheet (MUST MEET CONDITION)	Annexure A
10	Declaration (MUST MEET CONDITION)	Annexure B
11	Certificate (MUST MEET CONDITION)	Annexure C
12	Bid Documents in pen drive in word format to be submitted along with bid documents (MUST MEET CONDITION)	PEN DRIVE

5.5.2 If the tender is not accompanied by any of the documents mentioned above, (UNDER MUST MEET CONDITION), the tender shall be summarily rejected. No post tender correspondence will be entertained; however, if any clarification is required by the KRCL the same may be sought from the tenderer.

- 5.5.3
- i) The onus of establishing the credentials of the tenderer(s) from the Office records or otherwise does not lie with the KRCL shall evaluate offer only from the certificates / documents (as referred above) submitted along with the tender offer.
 - ii) Any certificates / documents offered after the tender opening shall not be given any credit and shall not be considered.
 - iii) Even if the tenderer(s) is / are working contractor(s) of the any Division also if he / they do not enclose the required certificates his / their offer will not be considered.

5.5.4 Delayed/ Post Tender Submission of Documents/ information of Mandatory Nature linked to Eligibility Criteria called for a Tender stage will be rejected

- 1. The offer of Tenderer(s) who do not enclose Experience Certificate and Turnover Certificate with requisite details and supporting documents, along with their Tender to establish their credentials shall be summarily rejected, even though they are working contractors or contractors on approved list.**
2. (i) The offer shall be evaluated only from the certificates/documents (as referred above) submitted along with the tender offer.
 - ii) Any Certificate/Documents offered after the tender opening shall not be given any credit and shall not be considered.
 - iii) Tenderer(s) shall note that conditional/alternate offer will not be considered and will summarily be rejected, even though such condition makes them as the lowest tenderer.
 - iv) KRCL reserves the right to verify the authenticity of the documents/information furnished.

VI. EARNEST MONEY DEPOSIT.

- The tender must be accompanied by a sum of **Rs. 8,21,500/-** as Earnest Money deposited through DD or RTGS as mentioned in tender documents, failing which the tender shall not be considered.
- a) The tenderer shall be required to deposit Earnest Money of **Rs. 8,21,500/-** with tender for the due performance with the stipulation to keep the offer open till such date as specified in the tender, under the conditions of tender. The Earnest Money shall be 2% of the estimated tender value.
 - b) It shall be understood that the tender documents have been sold/ issued to the tenderer and the tenderer is permitted in consideration of stipulation of his part, that after submitting his tender he will not resile from his offer or modify the terms and conditions thereof in a manner not acceptable to the Engineer. Should the tenderer fail to observe or comply with the said stipulations, the aforesaid EMD amount shall be liable to be forfeited by KRCL.
 - c) If his tender is accepted the Earnest Money mentioned in sub clause (a) above will be retained as part of security for the due and faithful fulfillment of the contract in terms of clause 16 of the Standard General Conditions of Contract. The Earnest Money of other Tenderers shall, save as herein before provided, be returned to them, but the KRCL shall not be liable to pay interest thereon.
 - d) Earnest Money should only be paid through "Demand Draft" in favor of "Krishnapatnam Railway Company Limited" payable at New Delhi or through RTGS.
 - e) The Tenderer(s) shall keep the offer open for a minimum period of 120 days from the date of opening of the Tender.

PERFORMANCE GUARANTEE:

1.1 Performance guarantee at a rate of 5 % of the contractual value shall be deposited by the successful bidder. The successful bidder shall have to submit a Performance Guarantee (PG) valuing 5 % of the contract value. within 21 (Twenty One) days from the date of issue of Letter of Acceptance (LOA). Extension of time for submission of PG beyond 21 (Twenty one) days and up to 60 days from the date of issue of LOA may be given by the authority who is competent to sign the Contract Agreement. However, a penal interest of 12% per annum shall be charged for the delay beyond 21 (Twenty One) days, i.e. from 22nd day after the date of issue of LOA. Further, if the 60th day happens to a declared holiday in the concerned office of the KRCL, submission of PG can be accepted on the next working day. In all other cases, if the contractor fails to submit the requisite PG even after 60 days from the date of issue of LOA, the contract is liable to be terminated. In case contract is terminated KRCL shall be entitled to forfeit Bid Security other dues payable to the contractor against the particular contract, subject to maximum of PG amount. The failed contractor shall be debarred from participating in re- tender for that work. Decision of Authority competent to sign the Contract Agreement would be final in case of any dispute.

1.2 The value of PG to be submitted by the, contractor will not change for variation upto 25% (either increase or decrease). In case during the course of execution, value of the contract increases by more than 25% of the original contract value, an additional Performance Guarantee amounting to 10% (ten percent) for the excess value over the original contract *value* shall be deposited in four equal parts by the contractor. On the other hand, if the value of Contract decreases by more than 25% of the original contract value, Performance guarantee amounting to 10% of the decrease in the contract *value* shall be returned to contractor. The PG amount *in excess* of required PG for decreased contract value, available with KRCL shall be returned to the contractor duly safeguarding the interest of KRCL.

1.3 The applicable Performance Guarantee shall be calculated as per the revised *value* of the contract covering all variations up to the determination of the contract.

1.4 If the penalty imposed exceeds 50% of the applicable maximum penalty (as per the *revised value* of the contract), a PG equivalent to 25% of the applicable PG shall be forfeited. If the penalty imposed exceeds 75% of the applicable PG, a PG equivalent to 50% of the applicable PG shall be forfeited. The PGs shall be encashed by the Agency/Bidder after the completion of the contract.

1.5 The successful bidder shall submit the Performance Guarantees (PG) in any of the following forms, amounting to 5% of the contract value -

- A) Demand Draft in favour of KRISHNAPATNAM RAILWAY COMPANY LIMITED Payable at NEW DELHI**
- B) FIXED DEPOSIT RECEIPT (With Scheduled Commercial Bank of India)--- a/c with KRCL**

1.6 The Performance Guarantees shall be submitted by the successful bidder after the Letter of Acceptance (LOA) has been issued, but before signing of the contract agreement. These PGs shall be initially valid up to the stipulated date of completion and maintenance period, if any, plus 60 days beyond that. In case, the time for completion of service gets extended, the contractor shall get the validity of PGs extended to cover such extended time for completion and maintenance period, if any, of service plus 60 days.

SECURITY DEPOSIT

- a) Security Deposit at the rate of 5% the contractual value shall be payable by the successful bidder.
- b) The EMD amount paid by the successful bidder with his tender will be adjusted towards Security Deposit payable by the bidder.
- c) Balance of the Security Deposited may be deposited by the contractor in cash or may be recovered from the on account bills @ 10% of Bill value, till it reaches 5% of the contract value.
- d) **Refund of Security Deposit:** Security Deposit mentioned above shall be returned to the contractor along with or after, the following:
 - i) Final payment of the contract,
 - ii) Submission of No Due certificate,
 - iii) Maintenance certificate issued, on expiry of the maintenance period, in case applicable.
- e) **Forfeiture of Security Deposit:** Whenever the contract is rescinded as a whole, the Security Deposit already with KRCL under the contract shall be forfeited.
- f) No interest shall be payable upon the Bid Security and Security Deposit or amounts payable to the contractor under the contract.

Note: General Conditions of contract and Special conditions of Contract for P. Way works/Maintenance pertains to South Central Railway will be applicable for this tender.

FORM NO. II

EXPERIENCE CERTIFICATE

S. No.	Work Details	Details
1	Name of Work	
2	Agt. No date and Name of the Agency	
3	Agt. Value in Rs.	
4	Due Date of Completion	
5	Actual Date of Completion	
6	Work Completed/in Progress	

Note: Separate Certificates for each Work Completed and work in physically progress with payments received should be given.

The certificate to be issued by an officer not below the rank of JA Grade or bill passing officer in Railways and Bill passing Officer/Executive In-charge of work in other Government department/Govt bodies/Public Sector under taking. The certificate should bear the signature and seal of the issuing officer, name of the department etc.

Signature:

Name:

Designation:

Office Stamp:

Date:

FORM NO. III

CERTIFICATE FROM CHARTERED ACCOUNTANT IN THEIR LETTER HEAD

TO WHOMSOEVER CONCERNED

We ----- are the Auditors for the Firm/Applicant -----since last----- (many) years. On the Strength of the above association, we are issuing this Certificate to the Firm on the Annual Contractual Turnover during the last three Audited Financial years as per Audited Balance Sheet.

It is further certified that advances or loans taken by the firm in connection with execution of works is not reflected in the contractual receipts from Works Contracts indicated below.

Sl. No.	Financial Year	Contractual Receipts from Works contracts executed for Govt/Govt. bodies/PSUs. Rs.	Remarks (if any)
(1)	(2)	(3)	(4)

Note: Certified Audited Balance sheets as required should be enclosed along with this certificate –
MUST MEET CONDITION

Signature:

Name of CA:

Registration No.

Address:

Office Seal:

Phone No.

Email:

Date:

Annexure –II

KRISHNAPATNAM RAILWAY COMPANY LIMITED

Name of the work: Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028.

SUMMARY OF SCHEDULES

Sl. No.	Description of Schedule	Estimated Cost in Rs.	Rate quoted by Contractor as percentage above below at par over the estimate rates			In Figures	In Words
			Percentage In Figures	Percentage in Words	Write Whether percentage quoted in col 4 & 5 is above /below/at par over estimated rates		
1	2	3	4	5	6	7	8
1	SCHEDULE- I	32208000					
2	SCHEDULE- II	8864000					
Total Estimated Cost		41072000					

- a) Please mention the percentage rate, in both figures and words, for each schedule in columns 4 & 5 respectively. Please also mention in column 6 whether the percentage rate mentioned in columns 4 & 5 are above or below or at par over the estimated rates. All the schedules should be signed by the bidder.
- b) The price for each bill shall be calculated and written against each bill, in both figures and words, in columns 7 & 8 respectively.
- c) The total price, as sum of the price of all the bills/ schedules shall be shown, in both figures and words under columns 7 & 8 respectively in the last row of the summary sheet.
- d) Bidder should ensure that the rates are filled with due care and caution so as not to lead to any omission or discrepancy or ambiguity.
- e) The item rates given in each bill are based on all- inclusive taxes.
- f) While quoting their rates, Bidders shall consider the various provisions of the Central Goods and Services Tax Act, 2017 (CGST)/ Integrated Goods and Services Tax Act, 2017(IGST)/ Union Territory Goods and Services and Tax Act. 2017 (UTGST)/ respective state's State Goods and Services Tax Act, 2017 (SGST) also, as notified by Central/ State Government & as amended from time to time and all taxes, duties and levies applicable to the contract. Bidders shall also ensure that full benefit of Input Tax Credit (ITC) likely to be admissible to them is duly considered while quoting rates.
- g) The successful bidder who is liable to be registered under CGST/IGST/UTGST/SGST Act shall submit GSTIN along with other details required under CGST/IGST/UTGST/SGST Act to the Employer within 28 days from the date of the award of contract, without which no payment shall be released to the contractor. The contractor shall be responsible for deposition of applicable GST to be concerned authority. In case the successful bidder is not liable to be registered under CGST/IGST/UTGST/SGT

Act, the Employer shall deduct the applicable GST from his/their bills under reverse charge mechanism (RCM) and deposit the same to the concerned authority.

- h) The Agency shall employ and post at the site a Technical Supervisor who should be adequately qualified and well experienced in the execution of Permanent way works. The Name, Particulars of technical qualifications and record of experience of the supervisor employed should be advised to the Officer of KRCL. If in the opinion of the Officer/KRCL, the supervisor is not fit to be in charge of the work should be forthwith replaced.

Head Quarters of One Retd. ADEN, One Retd. SSE/P. Way and One P. Way Expert will be at RAPR. One P. Way Expert at MGPR and One P. Way Expert at KUMU, KAPT.

- i) The Contractor should provide Personnel Protective Equipment (PPE) like, Helmets, Safety Slings, Reflective Jackets, Hand Gloves, Shoes, Uniform etc. to its staff/Labour engaged for track works.

Annexure III
KRISHNAPATNAM RAILWAY COMPANY LIMITED

Name of the work: Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028.

Name of Work: Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass of the KRCL Project Line Between OBVP-KAPT Stations as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force

Schedule-I: SIGNALLING & TELECOMMUNICATION MAN POWER REQUIRED FOR MAINTENANCE OF EQUIPMENTS AS LISTED VIDE ANNEXURE IV					
SI No	Description of items as per	unit	Qty	Rate	Total
	Supervisors of SSE Rank Personal of IR for maintenance of S&T equipment and to complete schedule of inspecions. 1 Nos)	Man month	24	90000	2,160,000.00
1	Supervisors of JE Rank of Maintenance of S&T Equipment and to complete schedule of inspecions (3 Nos for Signals and 2 Nos for Telecom) Total 5 Nos	Man month	48	79000	3,792,000.00
2	Skilled Technicians fpr maintenance of S&T and to complete schedules of in section. (4 nos for Signals and 4 Nos for Telecom. Total	Man month	240	50000	12,000,000.00
3	Helpers for maintenance of S&T equipment and to complete schedules of inspection (7 Nos for Signals and 2 Nos for fitter/carpenter and 3 Nos for Telecom) Total 12 Nos (Skilled helpers)	Man month	432	33000	14,256,000.00
Schedule-I Total					32,208,000.00
Schedule II OTHER MAINTENANCE ACTIVITIES					
1	Hiring of Four Wheeler Bloero/Innova/Tawera Type up to 3000 Km per month (4 Vechicles)	Per Month	96	73000	7,008,000.00
2	Hiring of Two Wheeler (4 Nos)	Per Month	96	11000	1,056,000.00
3	Estra running charges per KM or part there of over initial running of 3000 Km per month per vehicle	Month	5000*4 = 20000*2 = 40000	20	800,000.00
Schedule-II Total					8,864,000.00
Schedule (I+II)					41,072,000.00
NOTE: Presently between VKT-KUMU New Bypass Line is being maintained by Railways. In future the same Bypass line may be handed over to KRCL Project. The same length also included in the Proposed Contract Agreement. The same men and materials will be utilized for the new Proposed Contract Agreement.					

Note:

- a) The vehicles shall be new and delivered and maintained by the Contractor in good roadworthy condition including daily cleaning. The vehicle shall be replaced with a new vehicle after a maximum run of 75000 Kms or three years whichever is earlier.
- b) The Contractor shall employ and make available competent drivers fully licensed to operate the vehicles as and when required by the Engineer/Employer. The Contractor shall replace drivers at the request of the Engineer/Employer.
- c) The vehicles shall be licensed and insured for use on the public highway and shall have comprehensive insurance cover for any qualified driver authorized by the Engineer together with any authorized passengers and the carriage of goods or samples.
- d) The Contractor shall provide fuel, oil for running of each vehicle for 4000 kms monthly for item No. (1) and 3,000 Km for item no. (3A), where the vehicle is required and ensure maintenance in conformity with the vehicle manufacturer's recommendations and all relevant toll and parking charges incurred in connection with the Works. The vehicle shall be provided day and night as required by the Engineer/Employer.
- e) A suitable replacement shall be provided by the contractor for any vehicle out of service for more than 24 hours. If the contractor at any time fails to provide vehicle(s) or substitute vehicle(s) as specified, an amount of Rs. 2000 per day for each vehicle (that the Contractor failed to provide) shall be recovered from the Contractor.
- f) Contractor should engage drivers for day and night shift separately and should be available with vehicles at Hqrs. The rate should be quoted accordingly.

KRISHNAPATNAM RAILWAY COMPANY LIMITED

Name of the work: Maintenance of Signaling and Tele-Communication Equipment and Associated Assets and Restoration Activities during Breakdown in Station Yards and Mid-Section between OBVP KM 0 Point to KAPT 0 Point Stations including VRJN-VKT, VRJN-KMLP and VKT-KUMU Bypass line of the KRCL Project Line in the jurisdiction of Vijayawada Division of South Central Railway as per the Procedure Outline in Indian Railways Signal Engineering Manual (IRSEM) in force for a period of two years from 01.06.2026 to 31.05.2028.

SUMMARY

Sl. No.	Description of Schedule	Estimated Cost in Rs.
1	SCHEDULE- I	32208000
2	SCHEDULE- II	8864000
	Total Estimated Cost	4,10,72,000.00

(Rupees Four Crores Ten Lakhs Seventy Two Thousand only)

Total Estimated Cost. Rs.4,10,72,000/-

**SCHEDULE OF MAINTENANCE OF SIGNALING EQUIPMENT
(Indian Railway Signal Engineering Manual [IRSEM – July 2021])**

S. No	Maintenance Work to be Done	Periodicity		
		Signal Technician	JE(Sig) Sectional	SSE(Sig) (In charge)
Color Light Signal				
1.	Cleaning of LED lighting unit & current regulator/integrated LED, all terminations, housing, signal units & around signal post.	M	Q	H
2.	Measurement of input voltage & current with clamp type ammeter at input terminals of current regulator/LED signal for all signal aspects and V/I reading shall be within specified range as below: (a) Main signal Voltage: 82.5 to 137.5 V and Current: 112 to 154 mA (b) Calling on/A/AG Marker Voltage: 88 to 132 V and current: 120 to 165 mA. (c) Route signal Voltage: 88 to 132 V and Current: 23.75 to 26.25 mA per LED. (d) Shunt signal Voltage: 88 to 132 V and Current: 52.25 to 57.75 mA per LED.	M	Q	H
3.	Checking of tightness of all adjusting screws of LED signal unit as well as Current regulator/integrated LED.	M	Q	H
4.	Ensure condition of signal post is satisfactory.	M	Q	H
5.	Check condition of Signal foundation, ladder & ensure proper alignment of signal post.	M	Q	H
6.	Ensure Signal unit condition, closing of door & locking arrangements are satisfactory.	M	Q	H
7.	Ensure Signal post & CLS unit should be earthed & screen earthing is effective.	M	Q	H
8.	Complete signal unit should be cleaned for removing oxidation, rusting & tightened properly.	M	Q	H
9.	Ensure that there is no opening/access for rain water/rodent entry.	M	Q	H
10.	Ensure the cable terminations in location box should be cleaned for removing oxidation, rusting & tightened properly.	M	Q	H
11.	Visual check of insulations of cables, PVC wires, proper termination without criss cross, condition of rubber gasket arrangement.	M	Q	H
12.	(a) Check that where signals are infringing with SOD, their Implantation distance is marked on Red colour on white background. (b) Blanking off to be done as given in chapter 19 of SEM. (c) Right hand signals to be provided with an arrow mark pointing towards the relevant track.	M	Q	H
Maintenance Schedule of Electrically Operated Points				
1.	The machine for tightness and free from rust & dirt. Cleaning, graphite/oiling of slide chairs. Lubrication of slide chairs and assembly up to 3 sleepers from the toe of switch by Signal staff.	F	M	Q

2.	Checking of Point Gear Assembly, slides, rollers & pins. Ensure that roller is free from wear and tear and falls freely on control and lift out disc.	F	M	Q
3.	Tightening of all nuts, check nuts & bolts, lock nuts holding the detector slides & lock slides with lugs and condition of split pins to be checked.	F	M	Q
4.	The Lubrication / Greasing of all gears and bearings, cleanliness & smoothness of commutator, checking contacts for freedom from pitting and proper adjustment.	F	M	Q
5.	Visual checks of Points insulations and stretcher bars not rubbing with any fixture.	F	M	Q
6.	The contacts for proper adjustment contact pressure & free from pitting. Wires are neatly dressed & clear of all moving part. Ensure they do not get trapped in the lid when closed.	F	M	Q
7.	All the bridge contacts make & break at the same time.	F	M	Q
8.	The setting of switch for having required amount of spring action.	F	M	Q
9.	Obstruction test of points with 5 mm test piece (to be kept at 150 mm from the toe of the switch) to ensure that point cannot be locked, detection contacts shall not make & friction clutch should also slip. However Detection contacts shall make with obstruction of 1.6 mm test piece (to be kept at 150 mm from the toe of the switch) Testing may be done either by Crank Handle or by Point Motor operation.	F	M	Q
10.	Also ensure that both sleepers are well packed & Ground connection rods are free from ballast.	F	M	Q
11.	Checked the insulation of Gauge tie plate, all stretcher bars, P/D brackets & driving lug and replaced if found damaged/broken.	F	M	Q
Maintenance Schedule of DC Track Circuit				
1.	Cleaning of track lead junction boxes, track feed battery chargers, regulating resistance, Secondary cells & all terminals.	F	Q	H
2.	Checking & replacement of defective Feed end, relay end lead wires, jumper cables & their terminations & securing them firmly.	F	Q	H
3.	Checking & replacement of defective/corrosive track bonds, Continuity bonds, channel pins etc.	F	Q	H
4.	Visual check and cleaning of insulated block joints/glued joints.	F	Q	H
5.	Condition of insulation sleeve on OHE bond beneath rails to be ensured. It may be ensured that it is not displaced or worn out. Check that no Z/transverse bond, continuity bond and structural bond is loose.	F	Q	H
6.	Check level & Specific gravity of electrolyte in all the LMLA cells & top-up distilled water if required, clean the terminals and connections shall be coated with pure Vaseline or petroleum jelly to prevent corrosion. Grease shall not be used. Note: if TF alarm system is not provided then measurement to be done once in a week in A, B & C route.	F	Q	H
7.	Measure and record Specific gravity (1180-1220) & voltage (1.8 to 2.2 V) of each & every cell by switching off charger, charger voltage and charging current, feed end/relay end voltage and currents, regulating resistance value & voltage across it, voltage across Choke and ensure all are in the acceptable ranges.	F	Q	H

	Take suitable remedial action for values beyond acceptable range.			
8.	Checking of TF charger failure alarms.	F	Q	H
Maintenance Schedule of Universal Fail-Safe Block Interface (UFSBI)				
1.	Visual inspection of Block Panel- Intactness of panel buttons & its connections, checking of all indications as they are in working order or not.	M	M	Q
2.	Block Panel & Interface free from rust, dirt & all the connectors & PCBs in the 6U rack inserted properly.	M	M	Q
3.	All cable terminations are tight & properly connected.	M	M	Q
4.	Physical checking & functioning of block Button, indication, buzzers, telephone & counter.	M	M	Q
5.	Ensure effective working of SM key, LCB key, SH key & HKT for single line.	M	M	Q
6.	All the relay in UFSBI rack are properly plugged & holding clip are intact & also contacts are clean & free from pitting.	M	M	Q
7.	All fuses provided are of proper capacity.	M	M	Q
8.	Failure indication on alarm panel: (i)Single CPU failure indication. (ii)Redundant DC-DC fail indication (iii) System failure indication.	M	M	Q
Maintenance Schedules for Integrated Power Supply System				
1.	Visual checking & cleaning of entire IPS equipment carefully & making dust free.	M	Bi-Monthly	Q
2.	Ensure IPS front panel all ACDP & DCDP indications are properly functioning.	M	Bi-Monthly	Q
3.	Checking of all cables, connectors, terminations and ensuring in good condition & properly tightened.	M	Bi-Monthly	Q
4.	Physical checking & proper functioning of Status Monitoring Panel (SMP).	M	Bi-Monthly	Q
5.	Visual checking of the indication of SPD box/checking of NON-Indicative type SPD with SPD life tester (where ever available). Ensure that Potential free contact (if provided) is connected to Datalogger.	M	Bi-Monthly	Q
6.	Ensuring Earthing wire connectivity and its tightness. Ensure that equipment is properly earthed, nut & bolts are not corroded and earthing is as per RDSO's Technical Advisory Note (TAN)	M	Bi-Monthly	Q
7.	Cleaning all cells of IPS battery bank & applying petroleum jelly as required.	M	Bi-Monthly	Q
8.	Checking of both IPS & battery bank room ventilation & Exhaust fan is in working condition.	M	Bi-Monthly	Q
9.	Measure Main Supply voltage to IPS, should be within the specified limit of 170 V to 275 V.	M	Bi-Monthly	Q
10.	Check and adjust all outputs of ACDP & DCDP module Voltage as per load requirement. Record all the measurements in Register.	M	Bi-Monthly	Q
11.	Testing of auto changeover working in ACDP Panel. Switch off Inverter-1 & observe inverter- 2 takes load. Switch off both inverters then observe CVT takes the load. (To be done in presence of JE/SSE)	M	Bi-Monthly	Q

12.	Load taking Capacity of IPS battery bank about 2 hours or 10 % of Depth of Discharge (DOD) & record the readings of all cells voltages & specific gravity (LMLA) in the register.	M	Bi-Monthly	Q
13.	The equipment is properly earthed, earth leads are proper in size. Nut, bolt etc are not corroded. Earthing is as per extant instructions.	M	Bi-Monthly	Q
Maintenance Schedule of Power Operated Lifting Barrier				
1.	Ensure the smooth operation of gate barrier and check for auto stop of barrier in fully Open (within 85°-90°) & closed (within 0°-5°) position. Adjust circuit controllers / limit switches, if required.	F	M	Q
2.	Cleaning the inside & outside of mechanism, booms, channels & hand Generator. Checking & cleaning of contacts, proper adjustment & condition of Limit switch/ Circuit controller/contactors.	F	M	Q
3.	Check tightness of all fixing nuts & bolts of the mechanism counterbalance channels & adjust screws of base, gear box, clutch assembly, motor, pulleys, boom, machine foundation & the circuit controllers. Along with this, any cracks on boom should also be checked.	F	M	Q
4.	Check all the indication on gate panel, Button & Emergency key.	F	M	Q
5.	Checking and cleaning of operating panel, Road signals and retro reflective STOP board on both LB & hooter.	F	M	Q
6.	Checking of Audio-Visual alarm/hooter for approach warning/approach locking. Wherever provided.	F	M	Q
7.	Check the proper working of telephone.	F	M	Q
8.	Availability of lubrication to its level in the gear box.	F	M	Q
9.	Locking Checking	F	M	Q
10.	Solenoid Locking: Clean inside the solenoid device and ensure that (a) The lever falls to the lock position by gravity. (b) Making of Magnet Switch contacts (check with continuity meter) when boom hook is inside lock unit & lock lever is in locked Position. (c) Contact does not break even when boom is moved up & down or sideways within allowable play in lock. (d) Contact of boom lock proving switch, replace if required.	F	M	Q
11.	Motorized Locking: Ensure that the boom hook falls properly into the Boom Lock Post. Adjust position of Boom Hook/lock unit if required.	F	M	Q
Maintenance Schedule of Sliding Boom				
1.	Ensure Sliding boom is easy to operate and travels smoothly in its boom channel.	F	M	Q
2.	E type lock and other moving parts to be oiled and free movement to be ensured.	F	M	Q
3.	SBB E type key is taken out only when combination key is inserted.	F	M	Q
4.	Stop board has retro-reflective paint/tape. Stop board of approx. size 600 mm to be provided.	F	M	Q
5.	EKT/KLCR for slot transmission is effective. Ensure that Locking is directly with E type lock and not with Chain.	F	M	Q
6.	Ensure locking of slide covers on sliding booms.	F	M	Q

7.	Check and ensure that aspect of both sides road signal should be RED aspect before taking OFF of Gate signal by using sliding boom arrangement.	F	M	Q
Maintenance Schedule of Cable				
1.	All termination at CTR, Location Box, Junction Box and relay room should be checked for sulphation. Entries of cables in relay room, cable pit, location box etc. to be checked and should be sealed properly	M	Q	H
2.	Check for possible rat bite, vulnerability to bush fire/likely damage due to ongoing works nearby.	M	Q	H
3.	Visual check of connections, cable Armour earthing arrangement in location boxes.	M	Q	H
4.	Visual check of protective arrangement provided at track crossing, culverts, bridges, construction site and cable route marker in complete section. Special attention should be paid to these protective works soon after the monsoon	Q	H	Y
5.	Checking of exposed cable in earth, bridges, duct, Platform, pipe etc. Exposed cable shall be buried or protected by concreting. Ends of the pipe must be concreted.	Q	H	Y
6.	Condition of cable pipe to be checked. Cables, pipe on bridges to be fastened properly, bracket to be tightened & fixed. Entries of cables in pipes should be sealed properly	Q	H	Y
Maintenance Schedule of Earthing (Conventional & Maintenance Free) and Lightning Protection				
1.	All earth connections of block earth, Axle counter, MUX and other equipment earth are intact.	M	Q	H
2.	Earth wire lead is not corroded and is well protected.	M	Q	H
3.	Nut connecting earth wires to electrode are not corroded.	M	Q	H
4.	SPD (B & C type at 230 V entry stage) indications are OK.	M	Q	H
5.	Connections to SPD are intact.	M	Q	H
Maintenance Schedule of Electronic Interlocking				
1.	Ensure all entries to EI room shall be suitably sealed to prevent entry of rodents, lizards, insects etc. & equipment/Racks are free from Dust. Rodent Ultrasonic repellent functioning to be ensured	M	M	Q
2.	All modules are free from rust, dirt & are inserted properly & all screws of cards are tightened.	M	M	Q
3.	Cleanliness of room and equipment.	M	M	Q
4.	Visual checking of relays & its contact.	M	M	Q
5.	Checking of all fuses and its indication.	M	M	Q
6.	Visual checking of indication of switch.	M	M	Q
7.	Ensure identification labels/markers are intact for all the terminals.	M	M	Q
8.	Ensure that all the fittings in the racks are intact & adequately supported.	M	M	Q
9.	The Earthing wire & its connectivity tightness.	M	M	Q
10.	Checked unused slots are covered with blank plates in the housing.	M	M	Q
11.	Visual checking of all the indication on EI and sub-systems i.e. EI modules, VDU or Panel.	M	M	Q
12.	Checking of relay room ventilation, condition of Exhaust fan, cooling arrangement, and dust filters.	M	M	Q
13.	Voltage shall be checked at Test Points	M	M	Q

14.	Ensure that VDUs & Maintenance Terminals shall not be loaded with external applications /software.	M	M	Q
15.	Re start standby VDU PC, changeover working to this and then re start other VDU PC (At every 15 days or early if VDU operation gets sluggish)	M	M	Q
16.	Changeover of EI system shall be done from Main to Hot Standby and vice-versa once a month under supervision of sectional SSE/JE when there is no train movement in the yard.	M	M	Q

**SCHEDULE OF MAINTENANCE OF TELECOM EQUIPMENT
(New Telecom Manual)**

S.No	Maintenance Work to be Done	Periodicity		
		Signal Technician	JE(Tele) Sectional	SSE(Tele) (In charge)
Maintenance Schedules for Telecom Power Supply System				
1.	Visual checking of the indication of SPD box/checking of NON- Indicative type. SPD with SPD life tester (where ever available). Ensure that Potential free contact (if provided) is connected to Datalogger.	F	M	Q
2.	Visual checking and cleaning of power supply equipment, their front panel and of batteries.	F	M	Q
3.	Ensuring Earthing wire connectivity and its tightness. Ensure that equipment is properly earthed, nut & bolts are not corroded.	F	M	Q
4.	Checking of both Equipment room & battery bank room ventilation & Exhaust fan is in working condition	F	M	Q
5.	Check tightness of battery & load connections.	F	M	Q
6.	Taking readings of voltages of all supplies and taking remedial action in case of abnormal variation is observed.	F	M	Q
7.	Measure Main Supply voltage to power equipment, should be within specified limit of 170V to 275V.	F	M	Q
8.	Testing of UPS on Load, wherever applicable.	F	M	Q
9.	Testing of Diesel Generators and Auto Push Button start, wherever applicable.	F	M	Q
10.	Cleaning & checking voltage of battery cells and specific gravity (LMLA) of batteries and adjustment of charging current so that readings are withing specified limits and record in the battery History card.	F	M	Q
11.	The terminals and connections shall be coated with pure Vaseline or petroleum jelly to prevent corrosion. Grease shall not be used.	F	M	Q
12.	Check visual indications provided on Fire alarm sensors (if provided)	F	M	Q
Maintenance Schedules for OFC Room and SM's Room				
1.	Cleaning of OFC Room, equipment kept and cable termination boards.	F	M	Q
2.	Check sealing of OFC rooms to prevent entry of Rodents, Lizards etc.	F	M	Q
3.	Check working of A.C. if provided.	F	M	Q
4.	All visual indications provided on equipment in OFC shall be checked.	F	M	Q

5.	Take temperature of room.	F	M	Q
6.	Check working of all Control and other Rly Telephones and BSNL Telephone provided, check their cord wires connections are not loose.	F	M	Q
7.	Check working of 25 W VHF set provided.	F	M	Q
8.	Check working of LC Gate Telephones provided	F	M	Q
9.	Check voice recording in case of voice logger phones provided for LC Gates.	F	M	Q
10.	Check all cable and wire termination are securely tight. There is no sulfation. There is proper lessing and dressing.	-	M	Q
11.	Check description of cables terminated, description of channels allotted in Mux, Equipment's, description of E1 is up dated and correct.	-	M	Q
12.	Ensuring Earthing wire connectivity in OFC room and its tightness. Ensure that equipment is properly earthed, nut & bolts are not corroded.	-	M	Q
13.	Check condition of power wiring from Power room to OFC equipment's.	-	M	Q
14.	Measure input voltage to equipment and see that voltage is withing specified limits.	-	M	Q
15.	Details of all Telecom/Datacom and Power supply equipment installed are properly recorded in Asset register.	-	M	Q
16.	Check condition of room in general and that of floor, Door, Windows, Lights, Fans etc.	-	M	Q
17.	Check condition of Indoor cables in SMs room that they are securely fixed and not getting pressed/damaged.	-	M	Q
18.	Check fixing of OFC Pigtails and Patch cords from OFC	-	M	Q
19.	Test working of all fire alarm sensors provided by generating smoke and also check working of fire alarm buzzer. (Quarterly)	-	M	Q
Maintenance Schedules for 6 Quad cable EC Sockets & LC Gates				
1.	All Quad cable terminations at CTR, DPs at LC Gates/SP, SSP &TSS in Block section should be checked that they are securely tight and there is no sulfation.	F	M	M
2.	Check cable entry points in Cable huts/LC Gates etc are properly sealed and protected. No portion of cable is exposed.	F	M	M
3.	Visually check earthing connections for cable armour and shield.	F	M	M
4.	Carry out foot survey of Quad cable route in Block section, visually check protective arrangements at vulnerable locations like bridges and culverts, road and trac crossing etc.	F	M	M
5.	Fixing of GI Pipes carrying Quad cables at Bridges and culvert may be checked, if any loose fittings are observed it may be advised to senior officers.	F	M	M
6.	It may be observed that no earth work on Quad cable route has been done. In case earth work is found to be done it may be advised to higher officers to provide adequate protection to telecom cables.	F	M	M
7.	Carry out testing of EC Sockets in route.	F	M	M
8.	Vegetation around EC Socket pole to be cleared.	F	M	M

9.	It may be observed that there is no trespassing of road vehicle on land over route Quad cables.	F	M	M
10.	It may be observed that no garbage is being dumped over cable route.	F	M	M
11.	Check working of LC Gate Telephones, TPC Phone at SP/SSP/TSS provided.	F	M	M
Maintenance Schedules for PIJF & Other copper cables				
1.	Carry out foot survey of cable route and visually check protective arrangements at vulnerable locations like culverts, road crossing etc.	Q	Q	Q
2.	Check cable entry points in buildings are properly sealed and protected. No portion of cable is exposed.	Q	Q	Q
3.	Cable terminations at CTR, DPs should be checked that they are securely tight and there is no sulfation.	Q	Q	Q
4.	It may be observed that no earth work on cable route has been done	Q	Q	Q
5.	It may be observed that there is no trespassing of road vehicle on land over route of cables	Q	Q	Q
6.	It may be observed that no garbage is being dumped over cable route.	Q	Q	Q
Maintenance Schedules for Rly Maintained OFC Cables				
1.	Check OFC cable entry points in buildings are properly sealed and protected. No portion of cable is exposed.	Q	Q	Q
2.	Carry out foot survey of OFC cable route in visually check protective arrangements at vulnerable locations like bridges and culverts, road and trac crossing etc	Q	Q	Q
3.	Fixing of GI Pipes carrying OFC cables at Bridges and culvert may be checked.	Q	Q	Q
4.	It may be observed that no earth work on OFC cable route has been done.	Q	Q	Q
5.	It may be observed that there is no trespassing of road vehicle on land over route of OFC cables.	Q	Q	Q
Maintenance Schedules for VHF sets				
1.	Monthly Joint report regarding working of VHF sets being issued to crew to be made by SSE/JE Tele with lobby In charge (Monthly)	-	M	M
2.	Condition of VHF set chargers provided in lobby to be checked. (Monthly)	-	M	M
3.	Availability of spare batteries for VHF sets being issued to crew and their condition to be checked. (Monthly)	-	M	M
4.	Spurious emission squelch operation current drain frequency stability, frequency deviation	-	M	M
	Fixed VHF installation must be inspected every month by JE, by SSE once in six months. Charging arrangement for battery and condition of battery to be checked. (Monthly, Six monthly)	-	M	H
	Fixing arrangement of antenna to be checked by JE Quarterly, by SSE once in six month	-	Q	H
	VHF set's transmitting power at different frequencies/channels are to be measured once in a year.	-	-	Y