

WESTERN RAILWAY
TENDER FORM (First Sheet)

Tender No.: 02-TRDBVP-2026-27-R1.

Name of Work: TRD work in connection with Upgradation of Interlocking from Standard I to Standard II (R) with provision of EI & MSDAC at Wansjaliya Jn.

To

The President of India

Acting through the Senior Divisional Electrical Engineer (Traction), Bhavnagar, Western Railway

I/We _____ have read the various conditions to tender attached here to and agree to abide by the said conditions. I/We also agree to keep this offer open for acceptance for a period of 60 days from the date fixed for closing of the tender and in default thereof, I/We will be liable for forfeiture of my/our "Bid Security". I/We offer to do the work for Bhavnagar Division of Western Railway, at the rates quoted in the attached bill(s) of quantities and hereby bind myself/ourselves to complete the work in all respects within 9 months 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, Standard Schedule of Rates (SSOR) with all correction slips up-to-date for the present contract.
3. A Bid security of **Rs.1,32,100** /- has already been deposited online/ submitted as Bank Guarantee bond. Full value of the Bid security 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 the Railway 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. I/We am/are a Startup firm registered by Department of Industrial Policy and Promotion (DIPP) and my registration number is valid up to(Copy enclosed) and hence exempted from submission of Bid security.
5. We are a Labour Cooperative Society and our Registration No. is with..... and hence required to deposit only 50% of Bid security.
6. 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.

2.

Signature of Tenderer(s)

Date:

Address of the Tenderer(s)

TENDER FORM (Second Sheet)

1. **Instructions to Tenderer and Conditions of Tender:** The following documents form part of Tender / Contract:
 - I. NIT header
 - II. Schedule
 - III. Item break up
 - IV. Eligibility condition
 - V. Compliance
 - VI. Documents attached
 - A. SGCC with latest AC's
 - B. Attached Tender Document
 - a. Tender Forms - First Sheet and Second Sheet
 - b. Special conditions/Technical specifications.
 - c. Declaration
 - d. Standard General Conditions of Contract and Standard Specifications (Works and Materials) of Indian Railways as amended/corrected up to latest correction slips, copies of which can be seen in the office of Sr. Divisional Electrical Engineer (Traction) or obtained from the office of the Chief Electrical Engineer, Western Railway on payment of prescribed charges.
 - e. Standard Schedule of Rates as amended / corrected up to latest correction slips, copies of which can be seen in the office of Sr. Divisional Electrical Engineer (Traction) or obtained from the office of the Chief Electrical Engineer, Western Railway on payment of prescribed charges.
 - f. All general and detailed drawings pertaining to this work which will be issued by the Engineer or his representatives (from time to time) with all changes and modifications.
2. Drawings for the Work: The Drawing for the work can be seen in the office of the Sr. Divisional Electrical Engineer (Traction), Western Railway, Bhavnagar and / or Chief Electrical Engineer, Western Railway at any time during the office hours. The drawings are only for the guidance of Tenderer(s). Detailed working drawings (if required) based generally on the drawing mentioned above, will be given by the Engineer or his representative from time to time.
3. The Tenderer(s) shall quote his / their rates as a percentage above or below the Standard Schedule of Rates (SSOR) of **Western Railway** as applicable to Bhavnagar Division except where he/they are required to quote item rates and must tender for all the items shown in the Bill(s) of Quantities attached. The quantities shown in the attached Bill(s) of Quantities are given as a guide and are approximate only and are subject to variation according to the needs of the Railway. The Railway does not guarantee work under each item of the Bill(s) of Quantities. The tenderer(s) shall quote rates / rebates only at specified place in Tender Form supplied by Railway. 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.
4. 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.
5. The works are required to be completed within a period of **NINE MONTHS** from the date of issue of acceptance letter.

1. Bid Security

- (a) Subject to exemptions provided under para 5(1) (a) of Part-1 (ITT) of GCC of April 2022, the tender must be accompanied by a Bid security as mentioned in tender documents, failing which the tender shall be summarily rejected.
- (b) The Tenderer(s) shall keep the offer open for a minimum period of 60 days (in case of two packet system of tendering 90days) from the date of closing of the Tender. It is understood that the tender documents have been issued to the Tenderer(s) and the Tenderer(s), is / are permitted to tender in consideration of the stipulation on his/ Their part that after submitting his / their tender subject to the period being extended further, if required by mutual agreement from time to time, he will not resile from his offer or modify the terms and conditions thereof in a manner not acceptable to Western Railway. Should the tenderer fail to observe or comply with the foregoing stipulation, the amount deposited or Bank guarantee bond submitted as Bid security deposit (BD) for the due performance of the above stipulation, shall be forfeited to the Railway.
- (c) If his tender is accepted,
- (i) the Bid security deposit mentioned in sub para(a) above deposited in cash through e-payment gateway will be retained as part security for the due and faithful fulfilment of the contract in terms of Clause 16 of the Standard General Conditions of Contract;
 - (ii) the Bid security deposit mentioned in sub para(a) above submitted as Bank guarantee bond, will be encashed as part security for the due and faithful fulfilment of the contract in terms of Clause 16 of the Standard General Conditions of Contract. The Bid security deposit of other Tenderers shall, save as herein before provided, be returned to them, but the Railway shall not be responsible for any loss or depreciation to the Bid security deposit that may happen thereto while in their possession, nor be liable to pay interest thereon.
- (d) In case Contractor submits the Term Deposit Receipt/Bank Guarantee Bond towards either the Full Security Depositor the Part Security Deposit equal to or more than Bid security deposit, the Railway shall return the Bid security deposit so retained as per sub para(c) above, to the Contractor.
6. **Rights of the Railway to deal with Tender:** The authority for the acceptance of the tender will rest with the Railway. It shall not be obligatory on the said authority to accept the lowest tender or any other tender, and tenderer(s) shall neither demand any explanation for the cause of rejection of his/ their tender nor the Railway to assign reasons for declining to consider or reject any particular tender or tenders.
7. If the tenderer(s) deliberately gives / give wrong information in his / their tender or creates / Create circumstances for the acceptance of his / their tender, the Railway reserves the right to reject such tender at any stage.
8. If the tenderer(s) expire(s) after the submission of his / their tender or after the acceptance of his / their offer, the Railway shall deem such tender cancelled. If a partner of a firm expires after the submission of their tender or after the acceptance of their tender, the Railway shall deem such tender as cancelled, unless the firm retains its character.
9. If any partner(s) of a partnership firm expires after the submission of its tender or after the acceptance of its tender, the Railway shall deem such tender as cancelled/contract as terminated under clause 61 of the Standard General Conditions of Contract, unless the firm retains its character as per partnership agreement. If a sole proprietor expires after the submission of tender or after the acceptance of tender, the Railway shall deem such tender as cancelled / contract as terminated under clause 61 of the Standard General Conditions of Contract.

10. Eligibility criteria for the tenderer

10.1 Technical eligibility criteria

- (a) Tenderer has to submit attested copy of valid electrical contractor's license as per IE rule 45, which can be in his own name or in the name of his firm.
- (b) The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited:

- (i) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or
- (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or
- (iii) One similar work costing not less than the amount equal to 60% of advertised value of the tender.

(b) (1) In case of tenders for composite works (e.g., works involving more than one distinct component, such as Civil Engineering works, S&T works, Electrical works, OHE works etc. and in the case of major bridges - substructure, superstructure etc.), tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited:

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

OR

(ii) Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender,

OR

(iii) One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender.

Note for (b) (1): Separate completed works of minimum required values shall also be considered for fulfilment of technical eligibility criteria for different components.

(b) (2) In such cases, what constitutes a component in a composite work shall be clearly pre-defined with estimated tender cost of it, as part of the tender documents without any ambiguity.

(b) (3) To evaluate the technical eligibility of tenderer, only components of work as stipulated in tender documents for evaluation of technical eligibility, shall be considered. The scope of work covered in other remaining components shall be either executed by tenderer himself if he has work experience as mentioned in clause 7 of the Standard General Conditions of Contractor through subcontractor fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract or jointly i.e., partly himself and remaining through subcontractor, with prior approval of Chief Engineer in writing.

However, if required in tender documents by way of Special Conditions, a formal agreement duly notarized, legally enforceable in the court of law, shall be executed by the main contractor with the subcontractor for the component(s) of work proposed to be executed by the subcontractor(s), and shall be submitted along with the offer for considering subletting of that scope of work towards fulfilment of technical eligibility. Such subcontractor must fulfil technical eligibility criteria as follows:

The subcontractor shall have successfully completed at least one work similar to work proposed for subcontract, costing not less than 35% value of work to be sublet, in last 5 years, ending last day of month previous to the one in which tender is invited through a works contract.

Note: for subletting of work costing up to Rs 50 lakh, no previous work experience of subcontractor shall be asked for by the Railway.

In case after award of contract or during execution of work it becomes necessary for contractor to change subcontractor, the same shall be done with subcontractor(s) fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract, with prior approval of Chief Engineer in writing.

Note for Item 10.1:

Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organization, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates.

In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.

10.1(A) Similar nature work for “TRD work in connection with Upgradation of Interlocking from Standard I to Standard II (R) with provision of EI & MSDAC at Wansjaliya Jn.” is as follows:

Tenderer should have experience on “Execution of any 1500 V DC or 25 KV AC OHE work.”
(Authority: GM/Elect/WR/CCG’s letter no. EL 90/TRD/W/1 dated 21.01.2009)

10.2. Financial Eligibility Criteria: 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 and N= Number of years prescribed for completion of work for which bids have been invited.

The average annual contractual turnover shall be calculated as an average of “total contractual payments” in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover.

The tenderers shall submit requisite information as per Annexure-VIB, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.

Bid Capacity: The tender/technical bid will be evaluated based on bid capacity formula detailed as Annexure-VI.

No Technical and Financial credentials are required for tenders having advertised value up to Rs 50 lakh except electrical contractor license as per IE rule 45 as per clause 10(a) of this tender document. Credentials if submitted in foreign currency shall be converted into Indian currency i.e., Indian Rupee as under:

The conversion rate of US Dollars into Rupees shall be the daily representative exchange rates published by the Reserve Bank of India or entity authorized by RBI to do so for the relevant date or immediately previous date for which rates have been published. Where, relevant date shall be as on the last day of month previous to the one in which tender is invited. In case of any other currency, the same shall first be converted to US Dollars as on the last day of month previous to the one in which tender is invited, and the amount so derived in US Dollars shall be converted into Rupees at the aforesaid rate. The conversion rate of such currencies shall be the daily representative exchange rates published by the International Monetary Fund for the relevant date or immediately previous date for which rates have been published.

[Explanation for Para 10 of the Tender Form (Second Sheet) including Para 10.1 to 10.5 - Eligibility Criteria:

1. Substantially Completed Work means an ongoing work in which payment equal to or more than 90% of the present contract value (excluding the payment made for adjustment of Price variation (PVC), if any) has been made to the contractor in that ongoing contract and no proceedings of termination of contract on Contractor's default has been initiated. The credential certificate in this regard should have been issued not prior to 60 days of date of invitation of present tender.
2. In case a work is started prior to 07 (seven) years, ending last day of month previous to the one in which tender is invited, but completed in last 07 (seven) years, ending last day of month previous to the one in which tender is invited, the completed work shall be considered for fulfilment of credentials.
3. If a work is physically completed and completion certificate to this extent is issued by the concerned organization but final bill is pending, such work shall be considered for fulfilment of credentials.
4. In case of completed work, the value of final bill (gross amount) including the PVC amount (if paid) shall be considered as the completion cost of work. In case final bill is pending, only the total gross amount already paid including the PVC amount (if paid) shall be considered as the completion cost of work. In case of substantially completed work, the total gross amount already paid including the PVC amount (if paid), as mentioned in the certificate, shall be considered as the cost of substantially completed work.
5. If a bidder has successfully completed a work as subcontractor and the work experience certificate has been issued for such work to the subcontractor by a Govt. Organization or public listed company as defined in Note for Item 10.1 Para 10 of the Tender Form (Second Sheet), the same shall be considered for the purpose of fulfilment of credentials.
6. In case a work is considered similar in nature for fulfilment of technical credentials, the overall cost including the PVC amount (if paid) of that completed work or substantially completed work, shall be considered and no separate evaluation for each component of that work shall be made to decide eligibility.
7. In case of newly formed partnership firm, the credentials of individual partners from previous propriety firm(s) or dissolved previous partnership firm(s) or split previous partnership firm(s), shall be considered only to the extent of their share in previous entity on the date of dissolution / split and their share in newly formed partnership firm. For example, a partner A had 30% share in previous entity and his share in present partnership firm is 20%. In the present tender under consideration, the credentials of partner A will be considered to the

extent of 0.3*0.2*value of the work done in the previous entity. For this purpose, the tenderer shall submit along with his bid all the relevant documents which include copy of previous partnership deed(s), dissolution deed(s) and proof of surrender of PAN No.(s) in case of dissolution of partnership firm(s) etc.

8. In case of existing partnership firm, if any one or more partners quit the partnership firm, the credentials of remaining partnership firm shall be re-worked out i.e., the quitting partner(s) shall take away his credentials to the extent of his share on the date of quitting the partnership firm(e.g. in a partnership firm of partners A, B & C having share 30%, 30% & 40% respectively and credentials of Rs 10 crore; in case partner C quits the firm, the credentials of this partnership firm shall remain as Rs 6 crore). For this purpose, the tenderer shall submit along with his bid all the relevant documents which include copy of previous partnership deed(s), dissolution deed(s) and proof of surrender of PAN No.(s) in case of dissolution of partnership firm(s) etc.
9. In case of existing partnership firm if any new partner(s) joins the firm without any modification in the name and PAN/TAN no. of the firm, the credentials of partnership firm shall get enhanced to the extent of credentials of newly added partner(s) on the same principles as mentioned in item 6 above. For this purpose, the tenderer shall submit along with his bid all the relevant documents which include copy of previous partnership deeds, dissolution/splitting deeds and proof of surrender of PAN No.(s) in case of dissolution of partnership firm etc.
10. Any partner in a partnership firm cannot use or claim his credentials in any other firm without leaving the partnership firm i.e., In a partnership firm of A&B partners, A or B partner cannot use credentials of partnership firm of A&B partners in any other partnership firm or propriety firm without leaving partnership firm of A&B partners.
11. In case a partner in a partnership firm is replaced due to succession as per succession law, the proportion of credentials of the previous partner will be passed on to the successor.
12. If the percentage share among partners of a partnership firm is changed, but the partners remain the same, the credentials of the firm before such modification in the share will continue to be considered for the firm as it is without any change in their value. Further, in case a partner of partnership firm retires without taking away any credentials from the firm, the credentials of partnership firm shall remain the same as it is without any change in their value.
13. In a partnership firm "AB" of A&B partners, in case A also works as propriety firm "P" or partner in some other partnership firm "AX", credentials of A in propriety firm "P" or in other partnership firm "AX" earned after the date of becoming a partner of the firm AB shall not be added in partnership firm AB.
14. In case a tenderer is LLP, the credentials of tenderer shall be worked out on above lines similar to a partnership firm.
15. In case company A is merged with company B, then company B would get the credentials of company A also.

11. Tenderer Credentials: -

Documents testifying tenderer previous experience and financial status should be produced along with the tender. Tenderer(s) who is / are not borne on the approved list of the Contractors of Western Railway shall submit along with his / their tender:

- i. Certificates and testimonials regarding contracting experience for the type of job for which tender is invited with list of works carried out in the past.
- ii. Certificates which may be an attested Certificate from the client, Audited Balance Sheet duly certified by the Chartered Accountant etc. regarding contractual payments received in the past.
- iii. The list of personnel / organization on hand and proposed to be engaged for the tendered work. Similarly list of Plant & Machinery available on hand and proposed to be inducted and hired for the tendered work.

- iv. A copy of certificate stating that they are not liable to be disqualified and all their statements/documents submitted along with bid are true and factual. Standard format of the certificate to be submitted by the bidder is enclosed as Annexure-V, in case of other than Company/Proprietary firm, Annexure-V(A) shall also be submitted by each member of a partnership firm/Joint venture (JV)/ Hindu undivided family (HUF)/ Limited liability partnership (LLP) etc. as the case may be. Non submission of a copy of certificate by the bidder shall result in summarily rejection of his/their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self-attested/ digitally signed by which they/he are/is qualifying the Qualifying Criteria mentioned in the Tender Document. (as per GCC April 22 advance correction slip No.2 dated 13.12.2022).
 - v. The Railway reserves the right to verify all statements, information and documents submitted by the bidder in his tender offer, and the bidder shall, when so required by the Railway, make available all such information, evidence and documents as may be necessary for such verification. Any such verification or lack of such verification, by the Railway shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the Railway there under.
 - vi. (a) In case of any information submitted by tenderer is found to be false forged or incorrect at any time during process for evaluation of tenders, it shall lead to forfeiture of the tender besides banning of business for a period of up to five years.
(b) In case of any information submitted by tenderer is found to be false forged or incorrect after the award of contract, the contract shall be terminated. BD, Performance Guarantee and Security Deposit available with the railway shall be forfeited. In addition, other dues of the contractor, if any, under this contract shall be forfeited and agency shall be banned for doing business for a period of up to five years.
12. Non-compliance with any of the conditions set forth therein above is liable to result in the tender being rejected.
13. **Execution of Contract Documents:** The successful Tenderer(s) shall be required to execute an agreement with the President of India acting through the Senior Divisional Electrical Engineer, Bhavnagar, Western Railway for carrying out the work according to Standard General Conditions of Contract, Special Conditions / Specifications annexed to the tender and Standard Specifications (Works and Materials) of Railway as amended/corrected up to latest correction. Slips, mentioned in tender form (First Sheet).
14. **Partnership Deeds, Power of Attorney, etc.:**
- I. The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / company / Joint Venture (JV) /Registered Society / Registered Trust/ HUF (Hindu Undivided Family)/ Limited Liability Partnership (LLP) etc. The tenderer(s) shall enclose the attested copies of the constitution of their concern, and copy of PAN Card along with their tender. Tender Documents in such cases are to be signed by such persons as may be legally competent to sign them on behalf of the firm, company, association, trust or society, as the case may be.
 - II. Following documents shall be submitted by the tenderer:
 - (a) Sole Proprietorship Firm:
 - (i) All documents in terms of Para 10 of the Tender Form (Second Sheet) above.
 - (b) HUF:
 - (i) A copy of notarized affidavit on Stamp Paper declaring that he who is submitting the tender on behalf of HUF is in the position of 'Karta' of Hindu Undivided Family (HUF) and he has the authority, power and consent given by other members to act on behalf of HUF.
 - (ii) All other documents in terms of Para 10 of the Tender Form (Second Sheet) above.
 - (c) Partnership Firm:
 - (i) All documents as mentioned in para 18 of the Tender Form (Second Sheet).

- (d) Joint Venture (JV):
 - (i) All documents as mentioned in para 17 of the Tender Form (Second Sheet).
- (e) Company registered under Companies Act 2013:
 - (i) The copies of MOA (Memorandum of Association) / AOA (Articles of Association) of the company.
 - (ii) A copy of Certificate of Incorporation.
 - (iii) A copy of Authorization/Power of Attorney issued by the Company (backed by the resolution of Board of Directors) in favour of the individual to sign the tender on behalf of the company and create liability against the company.
 - (iv) All other documents in terms Para 10 of the Tender Form (Second Sheet) above.
- (f) LLP (Limited Liability Partnership):
 - (i) A copy of LLP Agreement.
 - (ii) A copy of Certificate of Incorporation.
 - (iii) A copy of Power of Attorney/Authorization issued by the LLP in favor of the individual to sign the tender on behalf of the LLP and create liability against the LLP.
 - (iv) An undertaking by all partners of the LLP that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP or JV in which they were / are partners/members. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the Standard General Conditions of Contract.
 - (v) All other documents in terms of Para 10 of the Tender Form (Second Sheet).
- (g) Registered Society & Registered Trust:
 - (i) A copy of Certificate of Registration.
 - (ii) A copy of Memorandum of Association of Society/Trust Deed.
 - (iii) A copy of Power of Attorney in favor of the individual to sign the tender documents and create liability against the Society/Trust.
 - (iv) A copy of Rules & Regulations of the Society
 - (v) All other documents in terms of Para 10 of the Tender Form (Second Sheet) above.
 - (vi) If it is NOT mentioned in the submitted tender that tender is being submitted on behalf of a Sole Proprietorship firm / Partnership firm / Joint Venture / Registered Company etc., then the tender shall be treated as having been submitted by the individual who has signed the tender.
 - (vii) After opening of the tender, any document pertaining to the constitution of Sole Proprietorship Firm / Partnership Firm / Registered Company/ Registered Trust / Registered Society / HUF/LLP etc. shall be neither asked nor considered, if submitted. Further, no suo-moto cognizance of any document available in public domain (i.e., on internet etc.) or in Railway's record/office files etc. will be taken for consideration of the tender, if no such mention is available in tender offer submitted.
 - (viii) A tender from JV shall be considered only where permissible as per the tender conditions.
 - (ix) The Railway will not be bound by any change of power of attorney or in the composition of the firm made subsequent to the submission of tender. Railway may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the Contractor.

15. The tenderer whether sole proprietor/ a company or a partnership firm / joint venture (JV)/ registered society / registered trust/HUF/ LLP etc. if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person specifically authorizing him/them to submit the tender, sign the agreement, receive money, co- ordinate measurements through contractor's authorized engineer, witness measurements, sign measurement books, compromise, settle, relinquish any claim(s) preferred by the firm and sign "No Claim Certificate" and refer all or any disputes to arbitration. The above power of attorney shall be submitted even if such specific person is authorized for above purposes

through partnership deed / Memorandum of Understanding / Article of Association or such other document, failing which tender is liable to be rejected.

A separate power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favor of the specific person whether he/they be partner(s) of the firm or any other person, shall be submitted after award of work, specifically authorizing him/them to deal with all other contractual activities subsequent to signing of agreement, if required. Note: A Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by Bidders from countries that have signed the Hague Legislation Convention 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Apostille certificate.

16. Employment/Partnership etc. of Retired Railway Employees:

a) Should a tenderer

- (i) be a retired Engineer of the gazetted rank or any other gazette officer working before his retirement, whether in the executive or administrative capacity or whether holding a pensionable post or not, in the Engineering or any other department of any of the railways owned and administered by the President of India for the time being, OR
- (ii) being partnership firm / joint venture (JV) / registered society / registered trust etc. have as one of its partners/ members a retired Engineer of the gazetted rank or any other gazette officer working before his retirement.

OR

- (iii) being an incorporated company have any such retired Engineer of the gazetted rank or any other gazetted officer working before his retirement as one of its directors.

AND

In case where such Engineer or officer had not retired from government service at least 1 year prior to the date of submission of the tender.

THEN

the tenderer will give full information as to the date of retirement of such Engineer or gazetted officer from the said service and as to whether permission for taking such contract, or if the Contractor be a partnership firm or an incorporated company, to become a partner or director as the case may be, has been obtained by the tenderer or the Engineer or officer, as the case may be from the President of India or any officer, duly authorized by him in this behalf, shall be clearly stated in writing at the time of submitting the tender.

- b) In case, upon successful award of contract, should a tenderer depute for execution of the works under or to deal matters related with this contract, any retired Engineer of gazette rank or retired gazetted officer working before his retirement in the Engineering or any other department of any of the railways owned and administered by the President of India for the time being, and now in his employment, then the tenderer will ensure that retired Engineer or retired gazetted officer had retired from government service at least 1 year prior to the date of his employment with tenderer and in case he had retired from service within a year then he possesses the requisite permission from the President of India or any officer, duly authorized by him in this behalf, to get associated with the tenderer.
- c) Should a tenderer or Contractor being an individual, have member(s) of his family or in the case of partnership firm/ company / joint venture (JV) / registered society / registered trust etc. one or more of his partner(s)/shareholder(s) or member(s) of the family of partner(s)/shareholder(s) having share of more than 1% in the tendering entity employed in gazetted capacity in the Engineering or any other department of the railway, then the tenderer at the time of submission of tender, will inform the authority inviting tenders the details of such persons.

Note: -If information as required as per 16.a), b), c) above has not been furnished, contract is liable to be dealt in accordance with provision of clause 62 of Standard General Condition of contract.

17. **Participation of Joint Venture (JV) in Works** Tender as mentioned in Clause 17 of the Tender form of Second sheet of Indian Railways Standard General Conditions of Contract, April 2022 or latest correction slips.
18. **Participation of Partnership Firms in works tenders** as mentioned in Clause 18 of the Tender form of Second sheet of Indian Railways Standard General Conditions of Contract, April 2022.
19. **Advances to Contractor:**

If specifically provided in Tender Documents of tender having advertised value more than Rs 50 Crores, Railway shall make payment, as an Interest-bearing advance, as per Contractor's request. These advances shall carry a simple interests indicated in the Tender documents. The payment and recovery of such advances shall be made as per manners prescribed in Clause 46.4 of the Standard General Conditions of Contract.
20. It is responsibility of the tenderer to check any correction or any modifications published subsequently in website and the same shall be taken into account while submitting the tender on website.
21. Each of the page of tender documents and corrigendum (if any) is required to be signed by person/ persons submitting the tender in token of their having acquainted themselves with latest GCC, standard specification as laid down at the time of contract agreement.
22. Tenderer/s is/are free to download tender document at their own risk and cost, for the purpose of perusal as well as for using the same as tender document for submitting the offer. Master copy of the tender document is available in the office of The Sr. Divisional Electrical Engineer, Western Railway, Bhavnagar-45. After award of work an agreement will be prepared based on the master copy of tender available in the above-mentioned office. In case, any discrepancy between the tender documents downloaded from the Internet and master copy later shall prevail and will be binding on the tenderer/s no claim on this account will be entertained.
23. If any change/addition/deletion is made by the Tenderer/Contractor and the same is detected at any stage even after the award of the tender, full Bid Security will be forfeited and the contract will be terminated at his/their risk and cost. The tenderer is also liable to be banned from doing business with Railways and/or prosecuted.
24. Omissions & Discrepancies: Should a tenderer find discrepancies in or omissions from the drawings or any of the Tender Forms or should he be in doubt as to their meaning, he should at once notify the authority inviting tenders. The tender inviting authority may, if deemed necessary, clarify the same to all tenderers. It shall be understood that every endeavor has been made to avoid any error which can materially affect the basis of tender and successful tenderer shall take upon himself and provide for the risk of any error which may subsequently be discovered and shall make no subsequent claim on account thereof.
25. Tenderers are requested to submit his offer well within the closing time of tender and Railway will not be responsible for any last-minute technical snag whatsoever in submission of bid.
26. In case of any wrong information submitted by tenderer, the contract shall be terminated, Bid Security (BD), Performance Guarantee (PG) and security Deposit (SD) of contract forfeited and agency banned for doing business on entire Indian Railways for a period of upto 5(Five) years.
27. With such a system of self-certification of credentials, Tender finalization should also be speeded up. It has accordingly been decided that the tender validity period should be reduced to 60 days for single packet and 90 days for Two packet system of tendering for tenders having affidavit-based system of credential verification.

28. A sum of **Rs.1,32,100/-** as Bid Security shall be paid through online gateway facilities provided on IREPS website.

29. Bid Security:

1. (a) The tenderer shall be required to submit Bid Security 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 Bid Security shall be as under:

Value of the Work Bid Security

Bid security to paid	2% of the estimated cost of the work.
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Note:

- i. The Bid Security shall be rounded off to the nearest Rs.100. This Bid Security shall be applicable for all modes of tendering.
 - ii. Any firm recognized by Department of Industrial Policy and Promotion (DIPP) as 'Start-ups' shall be exempted from payment of Bid Security detailed above.
 - iii. 100% Govt. owned PSUs shall be exempt from payment of Bid Security detailed above.
 - iv. Labour Cooperative Societies shall deposit only 50% of above Bid Security detailed above.
- (b) It shall be understood that the tender documents have been issued to the tenderer and the tenderer is permitted to tender in consideration of 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 Engineer. Should the tenderer fail to observe or comply with the said stipulation, the aforesaid amount shall be liable to be forfeited to the Railway.
- (c) If his tender is accepted this Bid Security mentioned in sub clause (a) above will be retained as part security for the due and faithful fulfilment of the contract in terms of Clause 16 of the Standard General Conditions of Contract. The Bid Security of other Tenderers shall, save as herein before provided, be returned to them, but the Railway shall not be responsible for any loss or depreciation that may happen thereto while in their possession, nor be liable to pay interest thereon.
- (2) The Bid Security shall be deposited either in cash through e-payment gateway or submitted as Bank Guarantee bond from a scheduled commercial bank of India or as mentioned in tender documents. The Bank Guarantee bond shall be as per Annexure-VIA and shall be valid for a period of 90 days beyond the bid validity period.
- (3) In case, submission of Bid Security in the form of Bank Guarantee, following shall be ensured:
- i. A scanned copy of the Bank Guarantee shall be uploaded on e-Procurement Portal (IREPS) while applying to the tender.
 - ii. The original Bank Guarantee should be delivered in person to the official nominated as indicated in the tender document within 5 working days before closing date for submission of bids.
 - iii. Non submission of scanned copy of Bank Guarantee with the bid on e-tendering portal (IREPS) and/or non-submission of original Bank Guarantee within the specified period shall lead to summary rejection of bid.
 - iv. The Tender Security shall remain valid for a period of 90 days beyond the validity period for the Tender.
 - v. The details of the BG, physically submitted should match with the details available in the scanned copy and the data entered during bid submission time, failing which the bid will be rejected.
 - vi. The Bank Guarantee shall be placed in an envelope, which shall be sealed. The envelope shall clearly bear the identification "Bid for the ***** Project" and shall clearly indicate the

- name and address of the Bidder. In addition, the Bid Due Date should be indicated on the right-hand top corner of the envelope.
- vii. The envelope shall be addressed to the officer and address as mentioned in the tender document.
- viii. If the envelope is not sealed and marked as instructed above, the Railway assumes no responsibility for the misplacement or premature opening of the contents of the Bid submitted and consequent losses, if any, suffered by the Bidder.
30. The Bid Security for the due performance of the stipulation to keep the offer open till the date specified in the tender will be refunded to the unsuccessful tenderer/ tenderers within a reasonable time, after deducting postal registration charges and other if any Amount. The full Bid Security by the successful tenderer/tenderers, will be retained towards the security deposit for due and faithful fulfilment of the contract, but shall be forfeited if the contractor fails/contractors fail to execute the Agreement bond or to start the work within the time as specified in the letter of offer after notification of the acceptance of his/their tender. The Railway shall not be responsible for any loss or depreciation that may happen to the Bid Security while in their possession and not be liable to pay interests there on.
31. Tenderer shall submit documentary proof in support of satisfying eligibility criteria, failing which their offer shall be treated as invalid & summarily rejected.
32. In case whether the power of attorney/partnership deed has not been executed in English the true and authenticate copies of translation of the same by advocate authorized translator of court and licensed petition writers should be supplied by the contractor while tendering for the work.
33. A) If the tenderer/s has/have already submitted the partnership deed, power of attorney or any other documents relating to their firm they will attach a declaration signed by all the partners of firm to the following effect. The partnership deed, power of attorney is already submitted to the Railway Administration vide letter No.
- _____ Dated _____ hold good for this contract also.
- B) The Railway will not be bound by any power of attorney granted by the tenderer or by change in the composition of the firm made subsequent to the execution of the contract. It may however, recognized such powers of attorney and change after obtaining proper legal advice the cost of which will be chargeable to the contractor. The charges have been fixed Rs. 100/- payable by the tenderer at the time of submitting the power of attorney for scrutiny legal advice. If the power of attorney is not accepted otherwise than for legal effect the charges will be refunded, if the power of attorney is returned on account of legal defect for correction separate charges of Rs. 50/- for security of corrected power of attorney will be payable by the tenderer while resubmitting the power of attorney. The same charges will be recoverable for scrutiny of all documents as in file of. The charges mentioned above are liable to vary and contractor shall be bound to make payment as per latest norms. Power of attorney, partnership deed, joint ventures or any other legal documents shall be subjected for legal vetting in head quarter office unless these are already vetted and no change have been incorporated in them till date of opening of tender. No payment shall be made unless legal vetting is obtained on such documents.
34. **Right of Railway to Deal with Tenders:** The Railway reserves the right of not to invite tenders for any of Railway work or works or to invite open or limited tenders and when tenders are called to accept a tender in whole or in part or reject any tender or all tenders without assigning reasons for any such action.
35. The successful tenderer/Tenderer shall be required to execute an agreement with the president of India acting through Divisional Railway Manager (Elect.) Western Railway Bhavnagar to carry out the work according to the latest Standard General Conditions of Contract and as per terms & conditions of the tender and technical specifications of the work.

36. Railway Passes: No free railway passes shall be issued by the Railway to the Contractor or any of his employee/worker.
37. **Carriage of Materials:** No forwarding orders shall be issued by the Railway for the conveyance of Contractor's materials, tools and plant by train which may be required for use in the works and the Contractor shall pay full freight charges at public tariff rates therefore.
38. The successful tenderer will however have no right or claim in the execution of the work, which is in opinion of the Sr. Divisional Electrical Engineer (Traction) that work should be carried out departmentally or otherwise. The Sr. Divisional Electrical Engineer (Traction) reserves to himself the right at any time after the acceptance of the tender to keep back from the contract and carry work in other ways or by other agency all work or any portion of work, he may think fit without assigning any reasons.
39. All loading/ unloading and transportation that may be required shall be done by the contractor at his own cost. No counter offer/ deviation from tender conditions shall be given in the tender. The rates should be inclusive of supervision and all incidental charges. No extra payment on any account would be admissible.
40. Cess and drinking water charges will be recovered from the contractors as per rules in force from time to time.
41. Royalty on materials to be supplied by the contractor for construction work if any (Except those to be supplied by the Railway) will be borne by the contractor.
42. Arrangements for permits or license for materials will not made by the Railway, but assistance will be given whenever possible.
43. All taxes, duties and other Govt. levies etc. shall be liable to be deducted as per rates and rules in force at the time of preparation of bill and contractor shall have no objection in this regard. The rates quoted by tenderer shall be inclusive of all taxes, duties and other Govt. levies etc.
44. The successful tenderer should give no claim certificate at the time of signing the final bill. The payment of the final bill as well as refund of security deposit will not be arranged till such certificate is given.
45. Non-compliance with any of the conditions set forth there in above is liable to result in the tender may be rejected.
46. The tender form is not transferable.
47. The tenderer(s) shall inspect the proposed site of work and acquaint himself/themselves with the site conditions, working hours, layout of, land trees and shrubs that he/they will have to cut, type of strata likely to be met within the burrow pits, stacking space for materials, approach roads, path ways available, etc. and all relevant items connected with the execution of the work. No claim shall be entertained for the contractor (s) making his/their own arrangement for approaches/approach road from outside Railway land and contractor (s) will bear entire expenses such as road taxes, payment for right of way, etc. outsiders and for construction of approaches/approach roads etc.
48. The contractor shall inspect the site fully before quoting of tender. The work shall be done as per site requirements and tender schedule. The contractor shall quote rates after fully satisfying himself about site requirements.
49. All drawings copies of which may be furnished to the contractors by the Railway Administration shall be treated as secret documents and should not be handed over or shown to the persons other than who are directly concerned with the work. The drawings shall be

returned to the Engineer-in-charge on completion of the works or termination of the contract.

50. The contractor shall take all steps necessary to ensure that all persons employed to any work in connection with this contract have noticed that the Indian officials secret act 1923 (XIV) of 1923 is applied to them and will continue to apply even after the execution of such work under the contract.
51. Tenderer shall have not tamper/ modify the tender forms in any manner. In case, if the same is found to be tampered/ modified, tender will be summarily rejected and full Bid Security will be forfeited and tenderer are liable to the banned from doing business with Railways and/or prosecuted.
52. The tenderer should keep the offer open for 60 days (in case of two packet system of tendering 90 days) from the date of opening of the tender.
53. Contractors registered with DGS & D controller of stores, NSSI/SSI and having permanent Bid Security with stores Department of the Railway are not exempted from Bid Security.
54. Rates tendered should be inclusive of all taxes & levies etc. If there is any variation between the rates quoted in figures and in words the rates quoted in "WORDS" shall be taken as correct. However, if more than one or improper rates are quoted, then such ambiguous offers shall be summarily rejected. Similarly, if a tenderer fails to strike out "below/above/at par" then in such condition the offer shall be treated as below.
55. The completion period of the work will be **NINE Months**.
56. The tenderer shall submit an analysis of rates if called upon to do so.
57. This work shall be governed by latest Standard General Conditions of Contract of Railway amended up to the date of opening of tender.
58. Railway shall not be responsible for any personal injury or loss to the representative of the firm or any other loss to the firm while they are on the job at Railway premises. The contractor's representative shall observe all the disciplinary and safety codes as applicable to Railway employees at the premises of Railways.
59. The successful contractor should have experience and expertise in undertaking such jobs and he will get the work done by experienced and skilled manpower.
60. The rates are firm & consolidated and inclusive of all taxes, duties, levies including ED, ST on works contract, incidental transport etc.
61. No payment at the stage of supply shall be made against all items where supply rates have been shown zero. Full payment of supply, erection & labour charges for quantity executed against these items shall be given after completion of that particular quantity in running / final bills.
62. No price variation is admissible in this tender whether on rates, taxes, duties, levies etc.
63. The Schedule of Rates & Quantities shall be read together with the GCC in vogue and the terms & conditions incorporated in the tender paper.
64. The unit rate in the rate schedule includes supply, installation, testing, & commissioning including all contingent material like hard ware, bushes, PVC flexible pipe, down rods, chain, clamps, connecting wires etc. if not specified in the rates schedule.
65. All released material, if any, shall have to be handed over to concerned Railway supervisor in-charge of the jurisdiction with deploying manpower as well as own transport of contractor.
66. Any correction in made by the tenderer/tenderers his/their entries must be attested by

him/them.

67. During execution of contractual work, the consignee should not issue departmental material (which is contractor supply items) to the contractor keeping Railways interest at top priority.

68. Contract shall be governed by GST act and rules as applicable from time to time.

69. Care in submission of tender:

(a) (i). Before submitting a tender, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he enters in the tender forms are adequate and all-inclusive to accord with the provisions in Clause-37 of the Standard General Conditions of Contract for the completion of works to the entire satisfaction of the Engineer.

(a) (ii) Tenderers will examine the various provisions of the Central Goods and service Tax Act, 2017 (CGST) / Integrated Goods and Service Tax Act, 2017(IGST) / Union Territory Goods and Service Tax Act, 2017(UTGST) / respective state's State Goods and Service Tax Act (SGST) also, as notified by Central / State Govt. & as amended from time to time and applicable taxes before bidding. Tenderers will ensure that full benefit of Input Tax credit (ITC) likely to be availed by them is duly considered while quoting rates.

(iii) The successful tenderer 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 railway immediately after 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 the concerned authority.

(a) (iv) In case the successful tenderer is not liable to be registered under CGST/IGST/UTGST/SGST Act, the railway shall deduct the applicable GST from his/their bills under reverse charge mechanism (RCM) and deposit the same to the concerned authority.

(b) When work is tendered for by a firm or company, the tender shall be signed by the individual legally authorized to enter into commitments on their behalf.

(c) The Railway will not be bound by any power of attorney granted by the tenderer or by changes in the composition of the firm made subsequent to the execution of the contract. It may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the Contractor.

70. Contractor shall follow the guidelines regarding application of policies/Laws related to "Contract labour".

1. Social security covers under ESI Act, PF Act are to be followed.
2. Issue of ID cards.
3. Labour Law Related to
 - I. Minimum Wages Act.
 - II. Payments of Wages Act.
 - III. Apprentice Act.
 - IV. Provisions of contract labour (Regulation and abolition) Act.
 - V. Reporting of accident to labour commissioner.
 - VI. Provision of workmen compensations Act.
 - VII. Railway not to provide quarters to contractors.
 - VIII. Compliance of rules for employment of labour.
 - IX. Non employment of female labour in cantonment areas.
 - X. Non employment of labour below the age of 15.
 - XI. Medical fitness of labour is to be followed.

71. Provisions of Contract Labour (Regulation and Abolition) Act, 1970:

- a) The regulation of abolition Act of 1970 and Central rules of 1971 will be governed by Para 55-A of Part II of GCC for services April-2022.

72. Variation in quantities of tender schedule (as per New GCC -April 2022).

73. Modification to Contract to be in Writing: In the event of any of the provisions of the contract required to be modified after the contract documents have been signed, the modifications shall be made in writing and signed by the Railway and the Contractor and no work shall proceed under such modifications until this has been done. Any verbal or written arrangement abandoning, modifying, extending, reducing or supplementing the contract or any of the terms thereof shall be deemed conditional and shall not be binding on the Railway unless and until the same is incorporated in a formal instrument and signed by the Railway and the Contractor, and till then the Railway shall have the right to repudiate such arrangements.

74. **Powers of Modification to Contract:** The Sr DEE/TR/BVP on behalf of the Railway shall be entitled by order in writing to enlarge or extend, diminish or reduce the works or make any alterations in their design, character position, site, quantities, dimensions or in the method of their execution or in the combination and use of materials for the execution thereof or to order any additional work to be done or any works not to be done and the Contractor will not be entitled, to any compensation for any increase/reduction in the quantities of work but will be paid only for the actual amount of work done and for approved materials supplied against a specific order.

- (i) Unless otherwise specified in the special conditions of the contract, the accepted variation in quantity of each individual item of the contract would be upto 25% of the quantity originally contracted, except in case of foundation work (in which no variation limit shall apply). However, the rates for the increased quantities shall be as per sub- para (iii) below.
- (ii) The Contractor shall be bound to carry out the work at the agreed rates and shall not be entitled to any claim or any compensation whatsoever upto the limit of 25% variation in quantity of individual item of works.
- (iii) 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 upto 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 upto 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) Variation 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 % of the total original agreement value.
 - d.(i) Quantities operated upto 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 upto 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.

- (iv) In case of foundation work, no variation limit shall apply and the work shall be carried out by the Contractor on agreed rates irrespective of any variation.
- (v) As far as Standard Schedule of Rates (SSOR items are concerned, the variation limit of 25% would apply to the value of SSOR schedule as a whole and not on individual SSOR items. However, in case of Non-Standard Schedule of Rates (SSOR) items, the limit of 25% would apply on the individual items irrespective of the manner of quoting the rate (single percentage rate or individual item rate).

Valuation of Variations: The enlargements, extensions, diminution, reduction, alterations or additions shall in no degree affect the validity of the contract; but shall be performed by the Contractor as provided therein and be subject to the same conditions, stipulations and obligations as if they had been originally and expressively included and provided for in the Specifications and Drawings and the amounts to be paid therefor shall be calculated in accordance with the accepted Bill(s) of Quantities. Any extra items/quantities of work falling outside the purview of the Bill of quantities above shall be paid for at the rates determined under Clause-39 of the GCC-April 2022 Conditions or its latest amendment.

75. General Conditions of Contract:

As per New GCC (April 2022) or as per latest amendments.

Hyperlink: <https://drive.google.com/file/d/1PJLoOo84mpdCCtxnTviglTGpH3xoTCPM/view?usp=sharing>

76. Performance Guarantee [PG]:

The terms and conditions of Performance Guarantee will be as per latest GCC of April 2022 with all its latest amendments issued from time to time.

77. Security Deposit [SD]: (As per New GCC (April 2022) clause no. 16 (1,2,3):

The terms and conditions of Security deposit will be as per latest GCC of April 2022 with all its latest amendments issued from time to time.

78. Furnishing Wrong Information:

If the tenderer/s deliberately gives/give wrong information in his/their tender, creates/Create circumstances for the acceptance of his/their tender, the Railway administration reserve the right to reject such tender at any stage.

79. Railway Administration Reserve the Rights:

The Railway Administration reserves the right to change or amend the drawings as and when necessary, at any stage of the work. No claim of any kind what so ever will be entertained by the Railway. In case the execution of any item of the work is held up for want of approved design or late supply of such material as are to be arranged by the Railway, then such failure or delay shall in no way effect or vitiate the contractor or alter the character thereof or entitle the contractor for damages or compensation thereof but in any such case, the Railway may grant such extension of the completion date as may be considered reasonable.

80. Railways Not Bound to Accept Any Tender:

- i. The Railways shall not be bound to accept the lowest or any tender or to assign any reason for non-acceptance or rejection of a tender.
- ii. The Railways reserve the right to accept any tender in respect of the whole or any portion of the work specified in the tender papers or to sub-divide the work among different tenderer or to accept any tender for less than the tendered quantities without assigning any reason whatsoever.
- iii. The Railway Administration reserve the right to modify the quantity from time to time whether it is an increase or decrease in the scope and quantity of work. The tenderer shall

not be entitled to any compensation but will be paid for as per contract for the actual work done.

81. Price Variation Clause (PVC):

Price variation clause will be governed by Para-46A of GCC of April 2022 or latest

82. Measurements, certificates and payments:

Quantities in Schedule Annexed to Contract:

The quantities set out in the accepted Schedule of Rates with items of works quantified are the estimated quantities of the works and they shall not be taken as the actual and correct quantities of the work to be executed by the Contractor in fulfillment of his obligations under the contract.

Measurement of Works by Railway:

The Contractor shall be paid for the works at the rates in the accepted Schedule of Rates and for extra works at rates determined under Clause 39 of GCC-April 2022 on the measurements taken by the Engineer or the Engineer's representative in accordance with the rules prescribed for the purpose by the Railway. The quantities for items the unit of which in the accepted Schedule of Rates is 100 or 1000 shall be calculated to the nearest whole number, any fraction below half being dropped and half and above being taken as one; for items the unit of which in the accepted Schedule of Rates is single, the quantities shall be calculated to two places of decimals. Such measurements will be taken of the work in progress from time to time and at such intervals as in the opinion of the Engineer shall be proper having regard to the progress of works. The date and time on which 'on account' or 'final' measurements are to be made shall be communicated to the Contractor who shall be present at the site and shall sign the results of the measurements (which shall also be signed by the Engineer or the Engineer's representative) recorded in the official measurements book as an acknowledgement of his acceptance of the accuracy of the measurements. Failing the Contractor's attendance, the work may be measured up in his absence and such measurements shall, notwithstanding such absence, be binding upon the Contractor whether or not he shall have signed the measurement books provided always that any objection made by him to measurement shall be duly investigated and Considered in the manner set out below:

(a) It shall be open to the Contractor to take specific objection to any recorded measurements or Classification on any ground within seven days of the date of such measurements. Any re-measurement taken by the Engineer or the Engineer's representative in the presence of the Contractor or in his absence after due notice has been given to him in consequence of objection made by the Contractor shall be final and binding on the Contractor and no claim whatsoever shall thereafter be entertained regarding the accuracy and Classification of the measurements.

(b) If an objection raised by the Contractor is found by the Engineer to be incorrect the Contractor shall be liable to pay the actual expenses incurred in measurements. Measurement of Works by Contractor's Authorized Representative (in case the contract provides for the same):

(a) The Contractor shall be paid for the works at the rates in the accepted Schedule of Rates and for extra works at rates determined under Clause 39 of these Conditions on the measurements taken by the Contractor's authorized Engineer in accordance with the rules prescribed for the purpose by the Railway. The quantities for items the unit of which in the accepted Schedule of Rates is 100 or 1000 shall be calculated to the nearest whole number, any fraction below half being dropped and half and above being taken as one; for items the unit of which in the accepted Schedule of Rates is single, the quantities shall be calculated to two places of decimals. Such measurements will be taken of the work in progress from time to

time. The date and time on which 'on account' or 'final' measurements are to be made shall be communicated to the Engineer.

The date and time of test checks shall be communicated to the Contractor who shall be present at the site and shall witness the test checks, failing the Contractor's attendance the test checks may be conducted in his absence and such test checks shall notwithstanding such absence be binding upon Contractor provided always that any objection made by Contractor to test check shall be duly investigated and considered in the manner set out below:

(i) It shall be open to the Contractor to take specific objection to test checks of any recorded measurement within 7 days of date of such test checks. Any re-test check done by the concerned Railway's authority in the presence of the Contractor or in his absence after due notice given to him in consequent of objection made by the Contractor shall be final and binding on the Contractor and no claim whatsoever shall thereafter be entertained regarding the accuracy and classification of the measurements.

(ii) If an objection raised by the Contractor is found by the Engineer to be incorrect the Contractor shall be liable to pay the actual expenses incurred in measurements.

(b) Incorrect measurement, actions to be taken: If in case during test check or otherwise, it is detected by the Engineer that agency has claimed any exaggerated measurement or has claimed any false measurement for the works which have not been executed; amounting to variation of 5% or more of claimed gross bill amount, action shall be taken as following:

(i) On first occasion of noticing exaggerated/ false measurement, Engineer shall impose a penalty of 10% of claimed gross bill value.

(ii) On any next occasion of noticing any exaggerated/false measurement, railway shall impose penalty of 15% of claimed gross bill value. In addition, the facility of recording of measurements by Contractor as well as release of provisional payment shall be withdrawn. Once withdrawn, measurements shall be done by railway as per clause 45(i) above.

"On-Account " Payments: The Contractor shall be entitled to be paid from time to time by way of "On-Account" payment only for such works as in the opinion of the Engineer he has executed in terms of the contract. All payments due on the Engineer's/Engineer's Representative's certificates of measurements or Engineer's certified "Contractor's authorized Engineer's measurements" shall be subject to any deductions which may be made under these presents and shall further be subject to, unless otherwise required by Clause 16 of these Conditions, a retention

of ten percent by way of Security Deposits, until the amount of Security Deposit by way of such retentions shall amount to 5% of the total value of the contract provided always that the Engineer may by any certificate make any correction or modification in any previous certificate which shall have been issued by him and that the Engineer may withhold any certificate, if the works or any part thereof are not being carried out to his satisfaction. Rounding off Amounts: The total amount due on each certificate shall be rounded off to the nearest rupee, i.e., sum less than 50 paise shall be omitted and sums of 50 paise and more upto ₹1 will be reckoned as ₹1.

On Account Payments not Prejudicial to Final Settlement: "On-Account" payments made to the Contractor shall be without prejudice to the final making up of the accounts (except where measurements are specifically noted in the Measurement Book as "Final Measurements" and as such have been signed by the Contractor and Engineer/Engineer's Representative) and shall in no respect be considered or used as evidence of any facts stated in or to be inferred from such accounts nor of any particular quantity of work having been executed nor of the manner of its execution being satisfactory.

Manner of Payment: Unless otherwise specified payments to the Contractor will be transferred electronically to his bank account.

SPECIAL CONDITIONS OF TENDER

1. The following special conditions supplement to the regulations for tenders and contracts, conditions of tender and general conditions of contract and should be considered as part of the contract papers where the provision in the special conditions are at variance with general conditions/other documents mentioned above, the special conditions shall prevail upon.
2. All the terms and conditions stipulated under special Conditions are binding upon the contractor in all matters of dispute the decisions of Senior Divisional Electrical Engineer (Traction) Bhavnagar division, Western railway (Sr DEE/TR/BVP) shall be final. It is to be noted that the works may be executed at any other site in BVP division other than specified in the tender document as per the discretion of Sr.DEE/TR/BVP.
3. The detailed Scope of work for this work in this contract are given in the explanatory notes of schedules.
4. Contractor shall deploy his competent staff as per the requirement of the work. However, the number of hours for each labor should not exceed the stipulated maximum number of man-hours in a fortnight as per the hours of employment regulations stipulated in minimum wages Act/Labor laws in force.
5. The Railway Engineer-in-Charge reserves the right to ask the removal of any staff without reason in cases of misconduct, negligence, or breach of duty done by staff. The decision of the Railway Engineer-in-Charge is final and binding.
6. **ACCIDENTS:** The tenderer shall indemnify and keep the purchaser/consignee indemnified and harmless against all actions, suits, claims, demands, costs, charges or expenses arising in connection with any death or injury sustained by any person or persons within the Railway premises and any loss or damages to Railway property sustained due to the act or omission of the tender's his agents or his staff during the execution of this contract irrespective of whether such liability arises under the workman's compensation act, or fatal accident act or factory act or payment of wages act or any other statutes in force for the time being.
7. The tenderer should abide by all Railway rules and regulations in force from time to time and ensure that same are being followed by his representatives, agents or subcontractor or workmen.
8. If at any time the works to be carried out directly concerned with the safety of trains, the tenderer's staff must comply fully with Railway regulations given to him by the authorized Railway staff. They shall notify the authorized representative of the purchaser/consignee who will take all necessary steps in this regard.

9. The contractor shall promptly and correctly carry out all instructions received from time to time from Sr.DEE/TR/BVP or his authorized representative.
10. The employee/labor engaged/deployed by the contractor for the execution of said contract will be employed by the contractor only and will have no claim for employment in railway organization/establishment, whatsoever.
11. The workers to be engaged by the contractor shall be medically fit and free from any communicable diseases.
12. The personnel deployed for the tendered work should be of good character who can interact with railway personnel in a polite & decent manner. It shall be the sole responsibility of the contractor to ensure that the personnel deployed in this work do not have bad habits or misbehave with any railway staff and bear good moral character.
13. Addenda and corrigenda to the 'Special/other Terms and conditions may be issued as and when necessary and the tenderers shall abide by them. During the working, it will be sole/entire responsibility of the contractor to ensure safety of the staff and due to carelessness of the working of his staff, if any damage is done to railway property or any theft is committed, the amount, so assessed, shall be recovered from the contractor along with imposition of fine/penalty as the administration deems fit.
14. Storage area for material which will be procured for this work will be provided by Railway free of cost to contractor if required. However, responsibility of security of material will be on contractor. Railway is not responsible for any damage or theft of contractor material from store allotted by Railway.
15. Competency will be issued by Sr.DEE/Tr/BVP or by representative of Sr.DEE/Tr/BVP to nominated representative/supervisor after checking his knowledge regarding working in 25 KV OHE/Power Block.
16. **Precautions to be taken while working in the vicinity of the running trains.**
 - A. When the work is required to be carried out on the track itself or as close to the track as may pose a hazard to rail traffic, the work shall be carried out under the supervision of an authorized Railway Representative only. During the execution of the works, the contractor or his representative shall not leave the site where the works are being carried out.
 - B. At the work site, the contractor shall always make available a representative approved by the Railway Administration. This representative must be vested with adequate authority by the contractor to ensure that any orders or instructions given to them in writing by the Railway Administration are considered as having been duly conveyed to the contractor. A representative of the Railway Administration will periodically inspect the work.

- C. The contractor shall not allow any road vehicle belonging to him or his suppliers etc. to ply in Railway land next to the running line. If permitted by Railway Administration for execution of certain works such as supply of ballast, sand, etc. the following precautions must be taken by the Contractor in the presence of Railway representative.
- D. Nominated vehicles and drivers will be utilized for work in the presence of at least one flagman and one supervisor certified for such work.
- E. The vehicles shall operate at least 6 meters clear of the track. Any movement or work between 6 meters and a minimum of 3.5 meters from the track center shall only be carried out in the presence of a Railway employee authorized by the Engineer-in-Charge. No part of the vehicle shall be allowed closer than 3.5 meters from the track center.
- F. The contractor shall remain fully responsible for ensuring safety and in case of any accident, contractor shall bear the cost of all damages to his equipment and men and also damages to Railway and its passengers.

17. Inspection of work:

The Railway's representatives or officers may inspect the work site at any time to check the progress and quality of the work. Any defects identified by the inspecting officials must be rectified by the contractor at their own cost. If the inspecting officer finds the progress unsatisfactory or the quality of work substandard, they may order the contractor to suspend the work immediately. If the contractor fails to address the defects promptly, the Railway reserves the right to rectify the defects and complete the remaining work through another agency at the risk and cost of the defaulting contractor.

18. Inspection of materials:

- (a) Inspection of the materials will be carried out by RDSO/RITES or by authorized representative of the Engineer in-charge of the work,
- (b) All the materials/equipment to be supplied shall confirm to the relevant specification only.
- (c) The inspection charges, if any, shall be reimbursed by the railway on production of documentary evidence from RITES/ RDSO/ authorized & approved testing agency as demanded by the engineer.
- (d) All the procured material is to be inspected by the concerned depot in charge before erection of material at site and 2 % test check of all the material will be done at JS/SS officer level.
- (e) RITES inspection is required for materials valued above ₹5 lakhs. Approval of Sr.DEE/Tr/BVP is required if RITES inspection is not carried out for any material.

19. Works completion report:

Work completion report will have to be given by the contractor after the work has been completed in all respects with information as specified in clause, after clearing of site before submitting his final bill.

20. Police verification of labour employed by Contractor:

The Contractor is required to submit police verification certificates with online registration number for all contractual staff that she/he will be hiring for delivery of services for Indian railways.

21. Transportation of material:

The Loading, unloading, transportation of dismantled and other material from the proposed site to TRD depot, or else shall be done contractor on his own cost. It also includes insurance and others charges. The transportation of Railway supplied material shall also be done by contractor if not covered elsewhere in the schedule of works but essential to complete the work. It should be ensured that during loading, transit, unloading etc., any damage to the Rly material or railway property shall be charged on the contractor through necessary debit /recovery as per Rly. Rules/conditions.

22. The vehicles and equipment's of the contractors can be utilized by the Railway administration in case of accidents/ natural calamity involving human lives"

23. Jurisdiction of court:

If any dispute arises between the parties with respect to this agreement, any application or suit shall be instituted only in the court with the local limits of whose jurisdiction, the Western Railway's Divisional Headquarters Office Bhavnagar and both the parties shall be bound by this clause.

24. The Railways reserve the right to accept any tender in respect of the whole or any portion of the work specified in the tender papers or to sub-divide the work among different tenderer or to accept any tender for less than the tendered quantities without assigning any reason whatsoever.

25. Supply of Electricity for work:

Electrical supply will be provided at work site for execution of any TRD work for free of cost if available in the vicinity of work site.

26. Employment of Staff for completion of the work:

Manpower Organization: The tenderer shall have adequate Manpower required for the execution of the tendered work/activities in satisfactory manner. After work completion safe certificate/signed statement in favor of safe work to be submitted to railway representatives at work site.

Educational Qualification of nominated Representative:

Since qualification and competence of the manpower deployed by the contractor is a crucial factor; therefore, the following stipulations are made.

Qualified Engineer: The supervisory staff posted by the contractor should at least be engineering bachelor degree holder in Electrical discipline.

OR

Diploma in Electrical engineering & should have 3 years' experience in similar works.

OR

Should have worked at the supervisory level (SSE/JE of OHE/PSI/RC) in Railway for a minimum period of 3 years.

Note: Documents of above educational qualification Certificates shall be self-attested by the concerned person and successful tenderer. The certificate of experience shall be submitted duly countersigned by the successful tenderer to this office. Deployed Manpower must have proper knowledge about 25KV OHE.

- a) The staff should be healthy, physically fit, eye side normal with spectacles and generally good physique.
- b) Spoken/Written knowledge of Hindi/English is desired.
- c) Should not have any criminal background.
- d) The Contractor shall be solely responsible for the conduct of the staff deputed by him for the work.
- e) The contractor's staff deputed for duty should not consume alcohol/ intoxicating drugs etc.
- f) The Contractor's staff should not carry any unauthorized / dangerous /explosives in the complex.
- g) No boarding and lodging facilities will be provided by Railway to the staff of the contractor.
- h) Required gang size:
- i) The contractor should proportionately maintain the size of the gang for execution of tender work.

27. Tools and plants:

The contractor will have to make his own arrangements for tools and plants required for execution of all the works given in as per Schedule. If Any T&P provided by Railway (if mentioned to provide in tender), it is to be returned to Railway by contractor in the same condition as provided otherwise penalty will be imposed as per clause of penalty.

28. Commencement of contract:

After the work is awarded, the contractor should be required to furnish the following documents pertaining to the staff proposed to be deputed by him before commencement of the contract.

- (i) Full name of the staff with Aadhar No.
- (ii) Residential/Permanent address with telephone No. if any.
- (iii) Copy of police verification of staff
- (iv) Fitness certificates issued by the Qualified Medical Practitioner & must be a medical officer in the service of state or municipal corporation (Certificate of medical examination - ANNEXURE - VIII Reference Para 60. (2) of Indian Railways Standard General Conditions of Contract, April 2022.
- (v) Railway administration will issue the identity card to the Contractor's staff by signature of Sr DEE/TR/BVP or his authorized representative for which passport size photo of the employee should be submitted.

29. Safety during work site:

The contractor shall ensure the safety of all the staff provided for the work. In case of any injury or accident the contractor is liable for their compensation, Railway will not take any responsibility to the contractor's provided labor.

- i) The contractor should maintain safety belts, shock proof safety shoes, raincoats and helmets etc. to all his staff who are authorized to work. Banner flags and barricading must be used wherever required.
- ii) Contractor shall ensure that communication facilities (cell phones) are available with all the workers.
- iii) While working, if any breakdown occurs in the section, the staff should be diverted to breakdown site immediately as per the direction of Railway's representative.
- iv) Contractor shall provide for transportation bearing the cost for his staff by road/train for the work.
- v) Contractor shall be in position for arranging immediate attention of the defects noticed during various inspections for normal /emergency power block.
- vi) The arrangement for the stay of the contractor's staff shall be made by the contractor at his own cost.
- vii) Safety precautions to be followed as per Para 20332 to 20348 of ACTM Vol-II Part-I with its latest correction slips and also Joint Procedural Orders, if any, issued by Railways.
- viii) The contractor shall have to take all precautions to prevent possible electrical accidents due to proximity of adjacent OHE always in live condition, unless otherwise a power block is granted on the adjacent line. The contractor shall also take all precautions to protect his staff working on the line against traffic (running of trains) on the working lines/adjacent lines.

30. Power Block Working – Protection of Men Working:

- i. Railway will arrange only power block for the works related to power block depending on the traffic and other conditions. The contractor shall ensure the removal of men and material before cancellation of power block. The contractor shall have to take full advantage of available power block by employing adequate staff for getting the maximum possible work done during the available block period. For adhering to target Time/date of completion, the contractor may have to work during night time under power block for which the contractor is not entitled for any additional payments.
- ii. The contractor shall take all precautions necessary to protect staff working under him. The contractor shall treat all other lines live except the line under Power block. He should ensure execution of work under the supervision of a competent person to carry out the work in electrified areas. Unless the adjacent lines are also under power block, voltage and currents will be induced in the line under power block. To protect against these induced voltages and currents, sufficient nos. of earth discharge rods are to be provided. Care should be taken by the contractor that these discharge rods are intact and not disturbed by his staff. He shall also ensure that none of the staff working under him shall work/reach beyond safe working limits.
- iii. Under all conditions the contractor shall have to arrange protection of his staff against traffic. He shall have to also take all necessary precautions to guard against any possible obstructions to traffic during working by providing necessary staff while erection/dismantling of structures, coverage of excavated foundation pits with sand filled bags to keep free of stacked materials from obstructions to traffic etc.
- iv. At the end of each power block work the contractor shall ensure removal of all men and material and no work materials should be left out in a state of obstruction to running of trains and the section should be made fit for electric traffic, failing which Railway will remove such obstructions and the Contractor will be liable to pay cost of such removal.
- v. If the contractor fails to execute and to work within the time of power block granted, Railway shall be at liberty to take action and recover penalty for availing additional power block in accordance with standard practice of the Railway. The contractor shall in consultation with the Railway submit a weekly power block programmed for work, 7 days in advance of the commencement of work in consultation with concerned depot in-charge.

31. Tower Wagon/BFR:

For carrying out works on PTFE neutral section, Section Insulators, crossover/Turn-outs, Overlaps, staggers, etc., Tower Wagon will be given by Railways without any charges to the extent of requirement as decided by Sr.DEE/TR/BVP or his authorized representative.

The loading, transportation and unloading from stocking depot to site will be done by the contractor at his own expenses. BFR for transportation of structures will be made available without any charges (if available with railway). The crane will be made

available by the purchaser (if available) without any charges for erection & dismantling of structures, however fuel and crane operator for crane to be arranged by the contractor. Crane operator should have minimum 6 months experience of working in railway and Certification of experience is to be submitted by contractor.

32. The following documents shall be submitted along with the bills for the work:

- 1) Supplier's challans for all received materials.
- 2) RITES Inspection Certificate along with factory test reports / consignee test reports.
- 3) Certificate of receipt of materials at the Contractor's depot(s), duly accepted by the Purchaser's Engineer, and any other required certificates to ensure the quality of work.

33. Quality Inspection by Officers/Engineers:

Quality of schedule maintenance and other works carried out by the contractor are subject to periodical inspections by Railway Engineers of various levels as per the schedules laid down by Railways. Any shortfall in the quality of work shall be subject to penalties/Recoveries as per prevailing conditions.

34. Terms of payment:

The following payment terms shall be applicable subject to certification of work to the satisfaction of the Engineer:

- In case of supply of materials,
- 70% payment on items shall be made after successful supply of items, if the items are found fit in all respects.
- 20% of the amount on the supply items shall be paid after successful erection of the supplied items.
- Remaining 10% shall be released in the final bill with valid deductions as per schedule duly following procedures as per GCC April 2022.
- In case of erection of materials,
- 90% payment shall be made after successful erection of supply items.
- Remaining 10% of the amount shall be released in the final bill with valid deductions as per schedule duly following procedures as per GCC April 2022.

35. Penalties related to defect/deficiencies observed in work:

- i. Recovery Due to Failure to Utilize Power Block / Poor Progress for Every Hour of Power Block Utilized/Bursting of Power Block.
 - If any breakdown, unusual incident, or train detention occurs due to the contractor's work, a flat penalty of Rs.10,000/-* will be imposed per occasion.
 - If the contractor's team fails to utilize the power block effectively, shows poor progress during the power block, or causes a busted power block, a flat penalty of Rs.1,000/-* per occasion will be imposed, subject to joint findings.
- * Amount of penalty may be increased as per severity of case by competent authority.

ii. Recovery Due to Non-Returning of T&P supplied by Railways:

Any T&P items supplied by the Railways “over and above” of “Scope of the work and Special conditions” if supplied by railway in Break downs, the contractor should be liable for safe return of the same. If the contractor fails to return such T&P items, the cost of such T&P will be recovered at the book rate or the market rate whichever is higher.

iii. Recovery for failing to return unutilized/released Railway supplied material.

The unused materials and released materials should be handed over to the depot in-charge at depot premises after completion of day's work. If the contractor fails to return such materials, the cost of such materials will be recovered at the book rate or the market rate whichever is higher.

iv. The availability of manpower should be throughout work progress from starting to end of activity. In case contractor staff leave the work site without the permission of supervisor-in-charge, penalty of Rs.1,000/- per person per occasion will be imposed. In such event contractor should ensure that absence of said staff should not affect timely completion of work.

v. For non-compliance of any other conditions of the tender for which issue raised by Engineer or representative of engineer for non-compliance, token penalty of Rs.1,000/- per day till compliance will be imposed.

vi. Contractor will ensure that deputed staff is not performing duty in intoxicated condition failing to which the concerned staff will be immediately removed from the working premises and a penalty of Rs.1,000/- will be imposed. The contractor has to arrange for another staff immediately so as not to affect working of railways in any manner.

vii. Bill of the executed work will not be processed until submission of data of staff in Sharmik Kalyan Portal.

viii. In case staff of contractor will not use safety items like Helmet, Safety belt, retro reflective jackets etc. appropriate for the situation, Penalty of Rs.1,000/- per occasion per person will be imposed.

ix. If any damage to Railway property occurs during the execution of work, the cost of the damaged item at book rate or market rate whichever is higher along with the cost of its re-erection shall be recovered from the contractor, or recovery shall be made as per the applicable policy, if any.

x. Un-grouted mast is to be secured as per photo attached below. If un-grouted mast is not secured properly till grouting, penalty of Rs.500/- per mast/Portal upright per day shall be imposed.

36. The contractor shall ensure that the mast/portal (& structure) upright shall be grouted immediately after lowering them into core hole. The contractor shall ensure that the erected mast/portal (& structure) upright is in safe condition before/during grouting and even after grouting is completed. The contractor shall be fully responsible for any unsafe condition arising out of the delay in grouting of the mast/portal (& structure) upright. In case of failure of the contractor to ensure the grouting of mast/portal (& structure) upright within three (03) days i.e. within D+3 (where “D” is the day on which the mast/portal (& structure) upright has been dropped into the core hole), a penalty of Rs. 500 per mast/portal upright per day (or part thereof) shall be imposed on the contractor for each ungrouted mast/portal (& structure) upright, starting with the fourth (04th) day i.e. w.e.f. D+4 (where “D” is the day on which the mast/portal (& structure) upright has been dropped into the core hole).

In case the grouting is not completed within seven (07) days i.e. within D+7 (where “D” is the day on which the mast/portal (& structure) upright has been dropped into the core hole), the rate of penalty shall be Rs. 1000 /- per mast/portal (& structure) upright per day (or part thereof), for each ungrouted mast/portal (& structure) upright, starting with the eighth (8th) day i.e. w.e.f. D+8 (where “D” is the day on which the mast/portal (& structure) upright has been dropped into the core hole). However, during rainy season, in the event of failure on account of the contractor, to adhere to the above-mentioned time schedule for the grouting of the masts, the decision of the purchaser’s Engineer regarding the cause of such failure/delay shall be final and binding on the contractor.

Arrangement for securing ungrouted Mast/Portal upright



- 37. Right to Alter the Scope of Work:**

The Railways reserves the right “to alter the scope of work” as well “to drop any portion of this work” within the time of tendering and awarding the contract. The contractor shall be prepared to carry out the work at any other specified locations over the Bhavnagar division depending up on the requirement, as directed by the Railway officials at site.

38. Termination of contract:

If the competent authority decides to withdraw the work, then contract will be terminated as per the procedure laid down in GCC April- 2022 or latest.

39. Subletting of Contract:

The contractor shall not assign/sublet the contract in the interest therein or the part thereof to any other party or partner(s) without the consent of the Railway.

40. Advertisement:

The contractor's staff shall not carry or display or exhibit any kind of advertisement on his person at Railway premises.

41. Progress Monitoring of work:

- i) The contractor will submit the daily progress report jointly signed by Contractor's supervisor & railway's representative in the format prescribed by the consignee of the work/authorized representative of Sr.DEE/Tr/BVP.
- ii) The contractor will also maintain the copy of daily progress report and submit daily to the consignee. The contractor shall also maintain monthly progress report with him for each day & each month respectively for the entire length of the contract.
- iii) Consignee of the work/authorized representative of Sr.DEE/Tr/BVP may suggest modifications in the formats of daily progress reports & monthly progress reports as he may deem fit from time to time.

42. Submission of Document certificates desired for various approvals of works:

The contractor shall submit all documents and certificates required for various approvals such as PTW application and EIG application. Any delay by the contractor in submitting the above documents and certificates, resulting in a delay in obtaining final approval for PTW or EIG, shall be considered a delay on the part of the contractor. Accordingly, necessary Liquidated Damages (LD) will be recovered from the contractor.

43. Guarantee/Warranty:

- I. The Contractor shall guarantee the satisfactory performance of the installations erected by him for a period of 12 months from the date of commercial operation, or as per RDSO/CORE guidelines, whichever is later.
- II. During the guarantee period, the Contractor shall be liable to replace any defective parts in the equipment, whether such equipment is manufactured by him or by his sub-contractors, if the defects arise from faulty design, material, workmanship, or negligence on the part of the Contractor. Defective parts that cannot be repaired at site shall, if required by the Contractor, be returned to him at his own expense.
- III. In the event of type defects detected in the Contractor's equipment or components during the guarantee period, the Contractor shall replace all such items, irrespective of whether they have failed or not. The Contractor shall also bear the cost of any repairs carried out on his behalf by the Purchaser at site, provided that the Contractor is informed in advance of the works proposed to be undertaken by the Purchaser.
- IV. If it becomes necessary for the Contractor to replace or renew any defective portions of the installation under the provisions of this clause, then the same guarantee conditions shall apply to the replaced or renewed portions until the expiry of six months from the date of such replacement or renewal, or until the end of the original guarantee period, whichever is later. This extension shall not apply in cases of minor defects, the decision of Sr.DEE/Tr/BVP or his successor being final in this regard.
- V. If any defect is not remedied within a reasonable time during the guarantee period, the Purchaser may carry out the necessary work at the Contractor's risk and expense, without prejudice to any other rights or remedies available to the Purchaser. The repaired or renewed parts shall be delivered and erected on site free of charge to the Purchaser.

TECHNICAL SPECIFICATIONS & EXPLANATORY NOTES

SCOPE OF THE WORK:

The scope of work includes **“TRD work in connection with Upgradation of Interlocking from Standard I to Standard II (R) with provision of EI & MSDAC at Wansjaliya Jn.”** as per tender schedule, specification and drawings or at any other station/location on Bhavnagar division advised by the Railway at the time of execution of work.

This job is on Turn Key basis, if any work is required to be carried out regarding this job & not mentioned in tender document, it should be considered within the scope of work. Any item not specifically mentioned in the scope, specification, schedule of rate etc. but required for the completion of the work including commissioning shall be arranged by the contractor. Railways shall not provide any tools, plants, machineries etc. for the work and the contractor has to arrange all those things at his own costs. It is therefore advised to the tenderers to do the site inspection before quoting. However, in case of urgency of work, certain T & P may be issued to the contractor at the discretion of Engineer – in charge. Contractor shall not have any claim / Right in this matter.

EXPLANATORY NOTES ON TENDER SCHEDULE – GENERAL

Explanatory notes and general information for various items of work schedule are given below:

- a) Wherever an item of work covers erection, such item shall include all bolts, nuts and washers of GI/SS etc. as per CORE/RDSO latest specification & drawing.
- b) All works shall be carried out strictly in accordance to the CORE/RDSO drawings, specifications and guidelines if any. However, any modified arrangement if in vogue in Western Railway or suggested by Sr.DEE/TR/BVP, the work shall be executed accordingly without any alteration in accepted rates.
- c) Explanatory note for various items of works in the Schedule of item, quantities and jobs is given. The work shall be carried out in line with relevant Paras of ACTM 2022 of Indian Railways with its latest correction slips and as per Latest SMIs and Technical circulars of Western Railway (HQ) if any during contract period OR as per the Procedure in vogue in TRD organization of respective Divisions. No additional payment will be made for any additional man power deployment in attending to latest maintenance instructions if any. In case of disputes between above standards if any, the decision of concerned Sr.DEE/TRD is the final and contractor is bound to act accordingly.
- d) The special condition & Technical specifications for schedule items are enclosed and Tenderer shall go through them thoroughly before submitting offer.

Schedule of work

ITEM BREAKUP

Schedule	A-Activities					
Item - 1	Survey, design and preparation of OHE lay out plan and SED					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Survey, design and preparation of OHE lay out plan and SED	Per Track KM	2	18923.79	37847.58
					Total	37847.58
Item - 2	Supply and erection of fabricated galvanized steel structure and SPS					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of fabricated galvanized steel structure and SPS	MT	17	134966.08	2294423.36
2	2	Erection of fabricated galvanized steel structure and SPS	MT	17	12268.80	208569.60
					Total	2502992.96
Item - 3	Digging, casting, grouting of cement concrete foundation					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Digging, casting, grouting of cement concrete foundation	cum	150	7186.46	1077969.00
					Total	1077969.00
Item - 4	Supply and erection of single cantilever assembly complete with insulator					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of single cantilever assembly complete with insulator	Numbers	30	24133.07	723992.10
2	2	Erection of single cantilever assembly complete with insulator	Numbers	30	4173.42	125202.60
					Total	849194.70
Item - 5	Supply and erection of guy rod assembly					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of guy rod assembly	Numbers	7	10597.65	74183.55
2	2	Erection of guy rod assembly	Numbers	7	2067.31	14471.17
					Total	88654.72
Item - 6	Supply and erection of regulating equipment 3 pulley type complete with all accessories					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of regulating equipment 3 pulley type complete with all accessories	Numbers	5	53284.32	266421.60
2	2	Erection of regulating equipment 3 pulley type complete with all accessories	Numbers	5	14195.34	70976.70
					Total	337398.30
Item - 7	Supply and erection of material for termination of single/double conductor (including supply of cut in insulator)					

S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of material for termination of single/double conductor (including supply of cut in insulator)	Numbers	7	14117.27	98820.89
2	2	Erection of material for termination of single/double conductor (including supply of cut in insulator)	Numbers	7	6995.94	48971.58
					Total	147792.47
Item - 8		Supply and erection of 9 ton cut in insulator				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of 9 ton cut in insulator	Numbers	10	7291.49	72914.90
2	2	Erection of 9 ton cut in insulator	Numbers	10	1265.20	12652.00
					Total	85566.90
Item - 9		Adjustment of OHE at overlap/crossover				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Adjustment of OHE at overlap/crossover	Numbers	4	21048.38	84193.52
					Total	84193.52
Item - 10		Transfer of OHE from one mast/support to another with adjustment of dropper if any				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Transfer of OHE from one mast/support to another with adjustment of dropper if any	Numbers	25	6150.97	153774.25
					Total	153774.25
Item - 11		Dismantling of single OHE mast by cutting				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Dismantling of single OHE mast by cutting	Numbers	8	6987.91	55903.28
					Total	55903.28
Item - 12		Dismantling of OHE portal				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Dismantling of OHE portal	Numbers	4	9298.54	37194.16
					Total	37194.16
Item - 13		Dismantling of cantilever assembly complete				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Dismantling of cantilever assembly complete	Numbers	25	1687.68	42192.00
					Total	42192.00
Item - 14		Dismantling of guy rod and termination				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Dismantling of guy rod and termination	Numbers	6	1507.76	9046.56

					Total	9046.56
Item - 15	Dismantling of regulating equipment					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Dismantling of regulating equipment	Numbers	4	8704.91	34819.64
					Total	34819.64
Item - 16	Supply and erection of 130 sq.mm copper large span wire for termination					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of 130 sq.mm copper large span wire for termination	Metre	100	972.68	97268.00
2	2	Erection of 130 sq.mm copper large span wire for termination	Metre	100	97.95	9795.00
					Total	107063.00
Item - 17	Supply and erection of section insulator assembly including core and cut in insulator					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of section insulator assembly including core and cut in insulator	Numbers	1	64724.30	64724.30
2	2	Erection of section insulator assembly including core and cut in insulator	Numbers	1	7610.04	7610.04
					Total	72334.34
Item - 18	Shifting, dismantling and removal of isolator					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Shifting, dismantling and removal of isolator	Numbers	1	8317.21	8317.21
					Total	8317.21
Item - 19	Breaking of PCC/concrete/foundation of mast, portal and TTC					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Breaking of PCC/concrete/foundation of mast, portal and TTC	cum	100	4203.72	420372.00
					Total	420372.00
Item - 20	Supply and erection of 160 sq.mm copper jumper wire with PG clamp and related fittings					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of 160 sq.mm copper jumper wire with PG clamp and related fittings	Numbers	10	8372.88	83728.80
2	2	Erection of 160 sq.mm copper jumper wire with PG clamp and related fittings	Numbers	10	1815.63	18156.30
					Total	101885.10
Item - 21	Supply, erection, testing and commissioning of Auxiliary Transformer 25 KV/240 V, 10 KVA					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of Auxiliary Transformer 25 KV/240 V, 10 KVA	Numbers	1	120144.56	120144.56

2	2	Erection, testing and commissioning of Auxiliary Transformer 25 KV/240 V, 10 KVA	Numbers	1	7534.57	7534.57
					Total	127679.13
Item - 22	Supply and erection of 25 KV drop out fuse switch assembly complete with fuse carrier & fuse element					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of 25 kV drop out fuse switch assembly complete with fuse carrier & fuse element	Numbers	1	37882.74	37882.74
2	2	Erection of 25 kV drop out fuse switch assembly complete with fuse carrier & fuse element	Numbers	1	2543.18	2543.18
					Total	40425.92
Item - 23	Supply and erection of anti climbing device					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of anti climbing device	Numbers	1	2683.19	2683.19
2	2	Erection of anti climbing device	Numbers	1	585.33	585.33
					Total	3268.52
Item - 24	Providing LT junction box with HRC fuses along with MCB & 2 Nos MS cramp with nut bolt & washer duly paint complete					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Providing LT junction box with HRC fuses along with MCB & 2 Nos MS cramp with nut bolt & washer duly paint complete	Numbers	1	5633.37	5633.37
					Total	5633.37
Item - 25	Providing LT junction box for AT price shall be include supply and erection of LV termination box assembly complete					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Providing LT junction box for AT price shall be include supply and erection of LV termination box assembly complete	Numbers	1	3708.24	3708.24
					Total	3708.24
Item - 26	Erection, testing and commissioning of 2x70 sq.mm control cable with complete lugs/glands and transportation of cable etc. from depot to the site					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Erection, testing and commissioning of 2x70 sq.mm control cable with complete lugs/glands and transportation of cable etc. from depot to the site	Metre	500	59.18	29590.00
					Total	29590.00
Item - 27	Digging of cable trench 450 mm wide and 900 mm deep					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Digging of cable trench 450 mm wide and 900 mm deep	Metre	300	50.22	15066.00
					Total	15066.00

Item - 28	Laying of bricks with sand for digging of cable trench 450 mm wide and 900 mm deep					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Laying of bricks with sand for digging of cable trench 450 mm wide and 900 mm deep	Metre	300	90.08	27024.00
					Total	27024.00
Item - 29	Providing GI pipe 100 mm diameter					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Providing GI pipe 100 mm diameter	Numbers	30	901.81	27054.30
					Total	27054.30
Item - 30	Providing LT cable marker					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Providing LT cable marker	Numbers	20	212.99	4259.80
					Total	4259.80
Item - 31	Providing 8 SWG GI wire in PVC sleeve with cable complete					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Providing 8 SWG GI wire in PVC sleeve with cable complete	Metre	20	33.31	666.20
					Total	666.20
Item - 32	Supply and erection of automatic CLS panel 63 Amp. Capacity 240 V for 10 kVA AT as per RDSO specifications					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of automatic CLS panel 63 Amp. Capacity 240 V for 10 kVA AT as per RDSO specifications	Numbers	1	56926.29	56926.29
2	2	Erection of automatic CLS panel 63 Amp. Capacity 240 V for 10 kVA AT as per RDSO specifications	Numbers	1	4463.34	4463.34
					Total	61389.63
Item - 33	Dismantling of auxiliary transformer with complete assembly					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Dismantling of auxiliary transformer with complete assembly	Numbers	1	2722.97	2722.97
					Total	2722.97

EXPLANATORY NOTES (SCOPE OF WORK)

SECTION 1: GENERAL

SCOPE - Explanatory notes for various Items of work included in the Schedule of Quantity and Rates.

1. Items details in the Schedule of Quantity and Rates shall be read in conjunction with explanatory note of schedule of tender for respective items.
2. All items of provision mentioned in SOR covers Design, Manufacture, Supply of materials, reaction, Testing and commissioning as required including small parts such as bolts, nuts, lock nuts, washers etc.
3. The tenderer shall quote the offer in percentage above/below the schedule for rates both in figures and words.
4. The quoted percentage will be applicable to each item and rate of tender schedule for deciding the amount to be paid to the Contractor.
5. The prices shall be commercially firm and without any ambiguity.
6. Basic Quantities and component of material required making up a unit of work for items mentioned in the explanatory notes are indicated for guidance purpose only. It is the sole responsibility of the contractor to supply the system as per design and therefore he shall work out the exact quantities of component required for completing the work and satisfactory operation of the system.
7. Offers quoted with deviations are likely to be rejected. However, in case of any deviations from the specification are proposed by the tenderer to improve the performance utility and efficiency of the equipment may furnish full particulars of the deviation with justification along with offer.
8. All the equipment and materials to be supplied by the Contractor against various schedule items should confirm to latest RDSO/CORE/PCEE-WR specification & drawings and technical circular issued by HQ/CCG. Material should be procured from sources approved by RDSO/CORE/PCEE-WR. Where such list is not available decision of TAA shall be final and binding.
9. Contractor should note that all specifications as per the latest amendments to RDSO's / CORE / W. Rly. / IS and other relevant standard specifications shall be applicable unless specified otherwise.
10. The Contractor shall arrange all necessary tools, equipment's, instruments, spares and other facilities for execution, checks and tests and commissioning as specified and decided by the engineer in-charge.
11. Testing and Commissioning: The successful tenderer shall demonstrate various efficiency and other related parameters as specified in the specification but not limited to during testing and commissioning validated with calculations and / or software as desired by the representative of the Electrical Engineer.
12. The information asked to be furnished shall be complete in all manners. If there is any entry like 'shall be furnished later' or blanks are left against any item, the tender is not likely to be considered.
13. Penalty shall be imposed by Railways to the successful tenderer with the discretion of competent authority under following circumstance:
 - a) Bursting of power block during execution of work.
 - b) Improper workmanship.

SECTION 2: Detail Description of items in Schedule of Quantity and Rates

Item no 1: Survey, design and preparation of OHE lay out plan and SED:

The price shall cover the survey, design, preparation and supply of hard copies, soft copies, and scanned copies of all OHE Layout plans and feeder drawings, including pre-pegging plans, Feeder Layout Plans, CSDs, SEDs, and required modifications in the existing Traction SWR drawings for the section related to the work, as required by the Railway Engineer, and as per ACTM Vol. II, Part II, Appendix–I. Preparation of all drawings and designs shall be finalized by the contractor. The price shall include the following:

- a. Making necessary modifications, with the approval of the Engineer, to the layout of structures and overhead equipment, and submission of overhead equipment layout plans, including Type of Mast/Portal, Stagger, Anchor, Anti-creep, Span, Implantation, LS wire, feeder wire, location of cut-in insulator, Isolator, signals, FOB, ROB, SP/SSP/TSS, AT locations, etc.
- b. Preparation of cross-section drawings and structure erection drawings for each structure location and drawings required for OHE modification and electrification.
- c. Selection of type and size of foundations to suit soil and loading conditions.
- d. Preparation of long-section drawings of overhead equipment wherever required, including a detailed study of overline structures such as foot over bridges, road over bridges, etc., to maintain the specified height of contact wire and requisite clearances.
- e. Preparation of other designs and drawings, including drawings of small parts steelwork (other than those covered by RDSO Standard Drawings).
- f. Supply of 6 copies of all drawings, including completion drawings, LOP, SED, and CSD.
- g. Supply of 3 copies of bonding plan drawings.
- h. Supply of 10 sets of modified Traction SWR diagrams, including all main and loop lines of the concerned station/section, with Appendix–G and instruction tables, incorporating modifications in existing LOP, SWR, and related drawings.
- I. Supply of soft and scanned copies of all the above drawings, including AutoCAD versions.

All drawings shall be approved by the Sr. Divisional Electrical Engineer, Western Railway, Bhavnagar, before the commencement of any work.

The price shall also cover the preparation of the required number of SWR diagram boards of Eco print framed on teak wood/metal frame (of size specified by the Railway Engineer-in-charge), suitable for installation in SM's Offices/Cabins, Control Office, and OHE Depot, with proper mounting arrangements. The boards shall be color-coded to distinguish different elementary sections and shall remain legible from an appropriate distance. The price shall further include preparation and correction of caption diagrams of adjoining stations on either side by incorporating additional wiring of new lines or modifications. The price also covers modifications in the existing Wiring-cum-Sectioning Diagram of Kanalus-Porbandar section.

Payment Conditions for Design and Drawings:

Payment for the above items shall be made based on the actual length of OHE modification

in TKM for this work, as per the approved LOP. All the above works are included in this item. Payment for design work will be made as follows:

- **50% after approval of drawings, and**
- **Balance in the final bill.**

Item no 2: Supply and erection of fabricated galvanized steel structure and SPS:

Based on RDSO specification no. ETI/OHE/13 (4/84) with latest A&C slip. The price shall include supply & erection of traction galvanized masts, portals, bridge masts, feeder masts, steel structures required for erection of equipment of SP/SSPs, gantries, whether rolled or fabricated steel work, (duly drilled as per RDSO's Drawings) drop arm, cross arms for feeders, standard super mast, dwarf mast, MMC, chairs, adopters, and other small parts steel etc. including all types of galvanized fasteners including galvanized bolt, nut & washers etc. as desired by Railways. The price shall cover cost of fabrication, Galvanization, alignment and setting before grouting of individual traction masts whether rolled or fabricated and shall include masts for head spans. The prices shall also cover cost of alignment and setting before grouting, wherever required, with drop arms, standard super masts and suspension brackets for feeders and return conductors, dwarf masts or stub masts for anchoring, complete with anchor plates drilled and welded in position including all other small part steel works the erection of which is to be carried out by the contractor. The steel shall be conforming to IS-2062/2006 (latest). Zinc conforming to IS-209/1992 (or latest). The price shall cover the cost of supply only of all fabricated steel work excluding fasteners which are required to be supplied by the Contractor.

Galvanization thickness shall be as per Railway specification No. ETI/OHE/13(4/84) with latest amendment. Supply of steel is to be done by considering galvanization of 1000 gm/M² of steel as per **WR – HQ letter EL 94/15/1 dated 24.03.2025** (Letter attached below). The price shall also include the straightening of masts/portal upright bent during transit. The price shall also include supply of all type of SPS required in the whole work. Payable black weight of feeder masts will hold good as per latest instructions issued by Electrical (HQ)/WR.

The price for erection shall also include the cost of stenciling of 1) location number, Implantation, Rail level for OHE & feeder masts in the manner as directed by purchaser 2) Height, stagger, and Emergency phone direction marking on masts/portals uprights of OHE. The price of erection shall also include straightening of masts/portals uprights wherever approved by the purchaser and cutting of mast/portals/upright to suit the site condition.

Identification marks/logo of manufacturer and Year of manufacture has to be engraved on each item. The methodology of execution, testing and commissioning of the item shall be as per specification mentioned in technical specification specific to the work. This activity is to be carried out under power block.

Item no 3: Digging, casting, grouting of cement concrete foundation:

The price shall cover excavation, supply and handling of all materials and accessories, temporary arrangement for excavation in all type of soil (hard/rocky/normal/black cotton),

casting concrete including frame work where ever necessary, tamping of concrete, grouting of OHE structures and finishing the top of concrete foundation or anchor blocks as per approved designs/drawings. The price shall also include dismantling of all connected temporary arrangements, back filling with earth and compacting the same to the required height and width as per drawings to ensure safety of foundation and removal of soil out of the railway boundary. The payable volume of the foundation shall be design one as shown in the approved drawings by RDSO. The depth of the excavation shall be measured from the foundation level to the maximum excavated point. For the computation of volume, the volume of steel work shall be ignored.

The prices shall also cover the cost of diversion of masonry/earth drain wherever necessary for casting of foundation. Foundation casting shall be done in compliance of IS: 456:2000 in each & every respect particularly material quantity, mixing, casting curing, frame work etc. Material used i.e., cement, aggregate and water shall be conforming to relevant IS. The graded coarse aggregate 20 mm nominal size table 7 of the latest version of IS: 383-2016 shall be used for foundation. A coarse aggregate for grouting and mulling shall be 20 mm grade nominal size as table 7 of the latest version of IS: 383-2016 (Specification for coarse and fine aggregate for natural sources for concrete).

Note:

1. The price shall be same for any shape for size of concrete blocks. In calculating the individual volume of concrete, fraction of a cubic meter beyond the third decimal shall be rounded off to the next nearest third decimal.
2. The prices shall apply for concreting of all foundations for masts, gantries, portals, and anchor blocks for guy rods, fencing uprights and other structure suggested by Engineer or his representative.
3. Cost of all concrete will be paid for only under this item and the prices of other item shall not include.
4. For purposes if compilation of concrete the volume of each muff for all masts shall be taken as 0.02 cum., except for masts with balance weights and for column of portal, each head span masts, 2 or 3 track cantilever masts and special fabricated masts for which the volume of muff shall be taken as 0.08 cum. Irrespective of the size and shape of muff on a flat basis.
5. Mixture for casting of foundation shall be (M-10) 1:3:6 and mixture for grouting shall be (M-15) 1:2:4 the gradation of concrete mixture is as per IS 456 – 2000 (explained as Part – II Chapter – II of foundation).
6. Curing of foundation shall be done by contractor for 21 days.
7. Correct size of core hole is to be used for Portal foundation.
8. No scroll will be supplied by Railway; contractor will use his scroll. The drawing of the scroll shall be submitted to consignee for approval before commencement of work at site.
9. Cube testing of concrete is to be done for each 50 cum works. All tests on the test cubes shall be carried out at approved institutes and cost of test shall be borne by the contractor.
10. Nominal reinforcement will be necessary in black cotton soil foundations for which no extra payment shall be made. The steel for nominal reinforcement will be supplied by the contractor.

11. As per provision in Clause 10.3 of IS: 456/2000, only mechanical mixers are to be used for mixing of concrete required anywhere in electrification works including concrete for OHE foundation.
12. The cement to be used in the construction of PCC structures should be of Ordinary Portland Cement to IS:269 (Latest version) or Portland Pozzolana cement (fly ash based) as per IS: 1489 Pt-I (Latest version).

In exceptional circumstances, such as mechanical breakdown of mixer, work in remote areas or power breakdown and when the quantity of concrete work is very small, hand mixing may be done with the specific prior permission of the Engineer in writing subject to adding 10% extra cement. When hand mixing is permitted, it shall be carried out on a water tight platform and care shall be taken to ensure that mixing is continued until the concrete is uniform in color and consistency.

The price shall also cover excavation and all reinforced concrete work for foundations including supply of cement and steel for reinforcement and other materials including bending, binding laying of the reinforcement, shoring where necessary casting concrete including frame work where necessary, grouting and finishing the tops of foundation blocks. The price shall include all works mentioned in all classes of soil including hard soil, concrete or, masonry/drains/ walls and rock. The cement manufactured by any one of recognized brand i.e. Ultratech, Gujarat, Ambuja, JK, Laxmi or Jaypee for casting purpose shall be procured.

Item no 4: Supply and erection of single cantilever assembly complete with insulator:

The price shall include the supply & erection of cantilever assembly with, ST & BT insulator - based on Guiding RDSO's specification No. ETI/OHE/11 (5/89) with latest A&C slip & TI/SPC/OHE/INS/0071 with latest A&C slip. The price shall cover on a flat rate basis any bracket assembly on a traction masts or support on drop arm and shall include these on high/low level platform, in the vicinity of turnouts, over bridges or overlaps and at location with reduced encumbrance or terminating wires. The price shall include the cost of supply & erection of all components including galvanized steel tube, Chair of ST/BT, RT for masts with for higher implantation, Insulators, dropper wires and small parts steel work complete with bolts and nuts etc., if any. The price shall cover supply & erection of all components including Long creepage porcelain ST & BT Insulator and dropper's wires. However, this does not include the anti-creep arrangements at masts/structures. The price shall include the cost of testing of insulators as per CEE Western Railway's Technical Circular No.22 or latest. Thickness of zinc coating should be taken as per WR – HQ letter EL 94/15/1 dated 24.03.2025.

Double inclined droppers shall be provided at all the cantilevers.

Rly. ID No.	Description of components	Qty. per unit
3020-1 3021	Mast fitting for hook insulator with bolt nuts, locknuts and washer of 16 dia	2 off 1 set
2400	Tubular stay arm assembly (including galvanized steel tube)	1 set
2110/2130/2380	Catenary suspension bracket assembly or hook bracket	1 off
1160/1171/2120/2140	Suspension clamp/Double suspension clamp	1 off (as required)

2040/2080	Bracket tube assembly complete with tube cap and sleeve where required (including galvanised steel tube)	1 set
3070-1/2	Mast bracket fitting assembly including bolts, nuts, lock nuts and washers of 16 dia for attachment to structure or to small part steel work.	2 off (1 set)
2150-1 2160-1	Register arm hook assembly complete with bolts nuts and lock nuts.	1 off
2420 or 2430 or 2270-4 or 5	Register arm assembly or raised register arm assembly (including galvanised steel tube)	1 set
2460-style-02 or 2470-style-02	Register arm dropper assembly excluding 5 mm dropper wire, but complete with bolts, nuts etc.	1 set
2390-1/2540/ 2520	BFB steady arm or bent steady arm	(Where as required)
2360/2490-2	25 mm steady arm drop bracket / clamp.	As required
1220/1370-1/1370-2	Contact wire swivel clip or raised register arm clamp.	1 off
2550-1/2	Anti-wind clamp	As required
	Stay tube porcelain insulator (1050mm CD)	1 off
	Bracket tube porcelain insulator (1050mm CD)	1 off
RE/33/P/3050	Mast ST/BT chair	
1174	Packing saddles	1 off
3131-1, 3131-2	Adapter	2 off
3076-1, 3076-2	Backing angle	2 off

This price shall also include the cost of supply & erection of any extra fittings required in the work for erection of single/double/triple cantilevers. The forged fittings to be used are as per RDSOs specification No. ETI/SPC/OHE/FITTINGS/0130 (10/13) Rev. 1 or latest. This activity is to be carried out under power block.

Item no 5: Supply and erection of guy rod assembly:

The price shall cover supply and erection of guy rod assembly of various lengths for traction masts/portal upright/Feeder complete with mast guy rod fittings, guy rod with adjustments and parts to be grouted etc. in the anchor block including SPS as per site requirement. This activity is to be carried out under power block. Thickness of zinc coating should be taken as per WR – HQ letter EL 94/15/1 dated 24.03.2025.

Item no 6: Supply and erection of regulating equipment 3 pulley type complete with all accessories:

This includes supply, erection and adjustment of 3 pulley type regulating equipment as per RDSO Spec. No. TI/SPC/OHE/ATD/0060 Rev.1 with latest A & C slip and as per Drg. No. TI / DRG / OHE / ATD / RDSO / 00001 / 99 / 2 or latest & TI / DRG / OHE / ATD / RDSO / 00002 / 99 / 2 or latest along with required counter weight, Distance rod with all other fittings and SS wire rope. The SS wire rope should be as per latest RDSO Spec. No. ETI/OHE/14 (9/94) with A & C slip No.1 to 5 or latest suitable for High Rise OHE. The price shall also include provision of anti-falling arrangement in ATD. The price shall also include monogram painting and temperature marking on ATD mast. This activity is to be carried out under power

block. Thickness of zinc coating should be taken as per WR – HQ letter EL 94/15/1 dated 24.03.2025.

Item no 7: Supply and erection of material for termination of single/double conductor (including supply of cut in insulator):

The price shall cover supply of all material necessary for the termination of single/double conductor/anticreep of overhead equipment or terminating wires on a traction mast or structure, including appropriate mast anchor fittings, clevis assembly, adjuster(s), anchor double straps, ending clamps for the catenary and/or contact wire or terminating wire or cross feeder wire, fittings, 9 ton adjusters and 9-tonne insulator assembly. The price shall cover erection of all materials including the 9-tonne insulator assembly and terminating wire, if any. This activity is to be carried out under power block. Thickness of zinc coating should be taken as per WR – HQ letter EL 94/15/1 dated 24.03.2025.

Item no 8: Supply and erection of 9-ton cut in insulator:

The price is applicable to the supply and erection of porcelain 9-tonne/cut-in-insulator on a flat rate basis such as for suspension of feeder wire on feeder mast to support feeder wire, across the track gentry cross span or in span wire or an overhead equipment conductor at anti-creep not provided for in other items (supply of 9 ton insulator already included in item no 7, 17 and 21 hence, payment of 9 ton insulator for those quantities will not be done under this item). The price shall cover supply of all components required for the cut-in-insulators assembly, including appropriate terminal fittings for the conductor and the 9-tonne insulator assembly. This price shall cover erection of all components, including the 9-tonne insulator. This activity is to be carried out under power block.

Item no 9: Adjustment of OHE at overlap/crossover:

The price shall cover adjustment of OHE overlap, turn out, crossover, creation of new overlap in the existing OHE/convert the existing overlap/crossover as through OHE, as per plan and site requirement and turn out, cross over adjustment to be carried out in tower wagon checking. The price shall also include adjustment of new dropper, clips and other fittings etc. to complete the whole erection work. This activity is to be carried out under power block.

Item no 10: Transfer of OHE from one mast/support to another with adjustment of dropper if any:

The price shall cover transfer of overhead equipment to a bracket assembly on a new mast or support from the old mast or support and consequent adjustment to overhead equipment required such as re-spacing of droppers, adjustment of height & stagger, levelling etc. This activity is to be carried out under power block.

Item no 11: Dismantling of single OHE mast by cutting:

The infringing mast and other small part of steel are required to be cut by gas cutter and handed over to suitable place as per direction of engineer in-charge. The contractor should cut structures from 30 cm below the ground level or as per instruction of engineer in-charge,

after breaking the muffling and concrete block. After gas cutting the structure, the relevant structure must be transported to the depot by the contractor. This activity is to be carried out under power block. The price shall also include the loading & unloading & transportation of released materials. If cutting of OHE Portal Uprights will be required, 01 mast cutting quantity for each upright cutting will be paid.

Item no 12: Dismantling of OHE portal:

The price shall cover dismantling of Portals/TTC Boom with associated fittings connected to uprights and handing over to the railway at nominated place at concerned depot. The price shall also include the loading & unloading & transportation of released materials. This activity is to be carried out under power block.

Item no 13: Dismantling of cantilever assembly complete:

The price shall include dismantling of existing complete cantilever assembly erected on the infringe OHE structure. While dismantling, care should be taken so that no ST/BT insulator is broken. The released materials shall be handed over to concerned SSE in-charge. This activity is to be carried out under power block.

Item no 14: Dismantling of guy rod and termination:

The price shall cover dismantling of existing Guy rod assembly complete with related fittings and termination; and handed over to suitable place as per direction of engineer in-charge. This activity is to be carried out under power block.

Item no 15: Dismantling of regulating equipment:

The price shall cover dismantling of counter weight assembly including 9-Tonne adjuster with double strap assembly, and normal/antitheft guide tube assembly including regulating equipment three-pulley, and stainless-steel wire rope with small parts steel etc. and released material shall be handed over to suitable place as directed by supervisor in-charge. This activity is to be carried out under power block.

Item no 16: Supply and erection of 130 sq.mm copper large span wire for termination:

Price shall cover supply and erection of 130 sq.mm Conductor (Cadmium Copper conductor wire) as per standard RDSO Specifications and from RDSO/CORE approved vendors only. This activity is to be carried out under power block.

Item no 17: Supply and erection of section insulator assembly including core and cut in insulator:

The lump sum prices shall include the supply & erection of Section Insulator assembly-based on Guiding RDSO's/CORE's/HQ W.Rly's and specification no. ETI/OHE/27 (8/84) Rev-1 (Oct-92) with latest A&C slip. The price shall cover supply & erection of all components required for a standard section insulator assembly (serving both the overhead equipment conductors) including special droppers for supporting the equipment and all terminal fittings for conductors, including the section insulator assembly, 9-tonne insulator assembly on the

catenary and dropper wires as required. The price shall cover erection and adjustment of all components including section insulator assembly, 9-tonne Porcelain insulator on the catenary and droppers and testing of insulator as per CEE-Western Railways Technical Circular No.22.

Rly.ID No.	Description of components	Qty. per Unit.
1120/ET/OHE/SK/436	Catenary ending clamp	2 Nos.
92/ET/OHE/SK/333	Catenary dropper clip assembly	As required
6170	Parallel clamp for double contact wire	12 Nos.
6180	Section insulator dropper assembly	3 Sets
6100	Section Insulator assembly	1 Nos.
6110	Section Insulator	1 Nos.
	9 tonne Porcelain insulator assembly for catenary	1 Nos.
Any other fitting required in the work shall be paid under this item. This activity is to be carried out under power block.		

Item no 18: Shifting, dismantling and removal of isolator:

The price shall cover cost of Shifting, dismantling and removal of all type isolator completely including Shifting, dismantling and removal of all arrangements, mast fitting and other associated small parts steel work and the same shall be handed over to Railways. This activity is to be carried out under power block.

Dismantling of 25 KV, 1600A/1250A single pole isolator along with cable/jumper, post insulator supporting the jumper, operating rod, SPS, bus bar etc. While dismantling of isolator precaution should be taken to avoid damage to the isolator. Any other activities/materials which are not mentioned above but is required for completion of shifting of isolators will be considered part of this work and for this no extra payment will be made.

Item no 19: Breaking of PCC/concrete/foundation of mast, portal and TTC:

The work must be carried out as per instructions of representative of railways taking all necessary safety precautions in account. The price shall include breaking of the existing RCC foundation upto 30 cm below the ground level in the premises of the work site. All the debris are to be removed and transported at proper place in consultation with the concerned supervisor in-charge. The area after removal of debris should be filled with earth up to ground level.

Item no 20: Supply and erection of 160 sq.mm copper jumper wire with PG clamp and related fittings:

The price shall include supply & erection of stranded annealed copper jumper wire of size 160 sq. mm. (19/7/1.25 mm) with required fittings as per RDSO's specification no. ETI/OHE/G/05102 for G jumpers and for isolator jumper's supply of PG 1030-3 and terminal connector (19 mm) 1009 or other required connectors for connection from Isolator to OHE. (Length of 1 number G jumper is 4 meters). This activity is to be carried out under power block.

- Supply and Erection of copper jumper from feeder wire to OHE or SSPs is covered in this item.

Item no 21: Supply, erection, testing and commissioning of Auxiliary Transformer 25 KV/240 V, 10 KVA:

The price covers supply of complete 25 KV/240 V/10 KVA Oil filled Auxiliary Transformers Confirming to RDSO Spec. No: ETI/PSI/15(08/2003) or latest. The price also covers supply of an enameled number plate of approved design. The ATs should be fully topped up with EHV grade insulating oil confirming to IS 335 (1993) with amendment 1 to 3 or latest. Transformer shall be supplied by contractor from approved supplier of CORE/RDSO, complete with terminal connectors. The price covers erection of complete 25 KV/240 V/10 KVA Oil filled Auxiliary Transformers Confirming to RDSO Spec. No: ETI/PSI/15(08/2003) or latest.

The price also covers oil filtration, testing and pre-commissioning tests as approved by the Railways. The contractor shall make his own arrangement for oil filtration equipment's, as well as power supply required for the same. All necessary tools, equipment's, instruments required for carrying out oil filtration / checks / tests and commissioning shall be arranged by the contractor. The testing shall be arranged by the contractor / supplier at his own cost as per RDSO Specification No. ETI/PSI/15 (08/2003) or Latest. The price shall also include jumper arrangements from AT to OHE including 9-tonne insulators, Arching horn parallel to 9-tonne, PG clamps suspension clamps etc. All the required test for approval of EIG and as desired by sectional SSE/JE for commissioning of AT is to be done by contractor. This activity is to be carried out under power block.

Item no 22: Supply and erection of 25 KV drop out fuse switch assembly complete with fuse carrier & fuse element:

The price covers supply of 25 KV drop out fuse switch assembly for 10 KVA capacity auxiliary transformers complete with all mounting accessories, terminal connectors as required and 25 KV solid core/pedestal insulators confirming to RDSO Spec. No: ETI/PSI/14 (1/86) Rev-1 or latest & RDSO drawing no. ETI/PSI/032 or latest. Price shall also cover erection of item as per standard instructions/arrangement. The price shall cover supply and erection of GI channel for fitment of DO fuse assembly on AT mast to maintain safe clearance. This activity is to be carried out under power block.

Item no 23: Supply and erection of anti-climbing device:

The price shall cover supply & erection of galvanized anti-climbing device consisting of steel fixtures mounted on the mast below the transformer with barbed wire, as per railway standards.

Item no 24: Providing LT junction box with HRC fuses along with MCB & 2 Nos MS clamp with nut bolt & washer duly paint complete:

2 mm CRCA sheet steel duly painted with powder coating grey enamel paint with, hinged door, locking arrangement & gasket of required size with 2 Nos of M.S. Clamp made up of 25 mm x 3 mm flat with nut, bolt & washer duly painted. The LT junction box should provide with the following accessories on detachable mounting plate.

- i) Rewireable, porcelain fuse fitting, 500 Volts, 200 amps of make Anchor/ Kew/ Hemvin HRC fuse base & fuse holder with HRC fuse, DIN type of 415 volts, 250amps with 200 amps. Fuse links of make L&T/C&S/Siemens/ABB/Schneider only – 3 Nos.
- ii) Heavy duty Connector strip with 6 ways, 200 amps - 1 Nos.
- iii) Cable gland - 1 lot.
- iv) Neutral link holder, porcelain, 200 Amps with link Anchor/ Kew/ Hemvin - 3 Nos.
- v) GI earthing nut bolts 10 mm diameter - 2 Nos.

The price shall cover for Fixing, Testing and Commissioning of MS pole/wall mounted LT junction box with 2 Nos of M.S. Clamp made up of 25mm x 3 mm flat with nut, bolt & washer duly painted.

Item no 25: Providing LT junction box for AT price shall be include supply and erection of LV termination box assembly complete:

The price shall also include supply and erection of LV termination box assembly as per drawing no ETI/PSI/0310 or latest suitable for 70 sq. mm cable termination. The size of box must be suitable for accommodating all the equipment suitable for 10 KVA AT. The rating of all the bus bar, switches, MCBs, protective devices and indication connected in the box must be matched and suitable for 10 KVA AT as per RDSO guidelines. Suitable size of MCB is to be provided instead of fuse mentioned in above drawing. After approval of the design by Railway representative the board must be erected at the place as directed by Railway representative.

Item no 26: Erection, testing and commissioning of 2x70 sq.mm control cable with complete lugs/glands and transportation of cable etc. from depot to the site:

The price shall cover cost of erection of 2x70 sq.mm. working voltage 1.1 KV volt grade conforming cable. 160 mm Dia HDPE pipe shall be provided for Track/Road crossing work. Provision of surplus loop of 03 mtr. Cable is to be kept at the both ends of cable (Each side of underground joints) for future use. All cables must be tested for continuity, insulation resistance, and absence of cross-phasing using a megger before installation. Cable coming out from trench should be in GI pipe (payment of supply and erection of GI pipe will be done in schedule-A item no 29) and GI pipe must be clamped either on pole or wall by at least two clamps. Distance and at the turns also. Wherever it is necessary to lay the cable in air/open space the same should be done by providing proper cable alley/grommets etc. During the execution of work adequate precaution should be taken not to damage any existing cable, pipe or other such installation in the proposed route. If any existing S&T or power cable damage done at the time of excavation of trench, penalty of 1 lakh will be imposed on contractor or as per latest guideline of Railway. Also, repaired of cable should be done on contractor's own cost. The bottom on trench shall be levelled and it should be free from stones, bricks bats etc. The price shall also cover preparation and submission of cable route plan (In principle) duly certified by field SSE/JE and ADEE/DEE before starting of work to Sr. Divisional Electrical Engineer Traction Distribution/BVP for approval. After completion of work, as erected drawing of cable route plan (02 nos. copies) should be submitted to Sr. Divisional Electrical Engineer Traction Distribution/BVP. Note: Supply of 2x70 sq.mm cable will be supplied by railways wherever required from WSJ Depot.

Item no 27: Digging of cable trench 450 mm wide and 900 mm deep:

The price shall cover for Digging of 450 mm wide and 900 mm deep trench in all type of soils including soft rock as per cable route plan and back filling after laying of cables. This also includes cleaning of roots of trees and bushes and temporary obstruction on the selected route. For underground cables adequate protection shall be taken not to damage any existing cable (s), pipes or other such installations coming in the proposed route during excavation. Where brick, tiles or protective covers or bare cables are encountered, further excavation shall not be carried out without consultation and approval of the Railway's representative at site. Existing Railway property exposed during trenching shall be temporarily supported or propped adequately as directed by Railway. The trenching in such cases shall be done in short length. If there is any danger of trench collapsing or endangering adjacent structure, the sides should be well shored with timbering and or sheeting as the excavation proceeds. The bottom of the trench shall be levelled and free from stone, bricks bats etc.

Item no 28: Laying of bricks with sand for digging of cable trench 450 mm wide and 900 mm deep:

The price shall include laying of second-class bricks in the trench to cover cables from the sides, with a 100 mm thick sand cushion both below and above the cables, as per the relevant drawing provided by the Divisional Office (Electrical Branch, Bhavnagar) or its nominated representative, and as per site requirements. The price shall include the supply and erection of both bricks and sand.

Item no 29: Providing GI pipe 100 mm diameter:

The price shall cover for Supply of GI pipe, B class medium grade, ISI marked, 100 mm diameter as per IS 1239-1990/latest for protection of cable at wall/cover shed/FOB and AT mast. The GI pipe shall be of make Tata/Zenith/Jindal/Surya/ Swastik. The price shall cover Fixing of GI pipe, B class medium grade, ISI marked, 100 mm diameter for protection of cable at wall/cover shed/FOB and AT mast and its fixing by clamp made up of MS flat with necessary GI nut bolt and washers, at a distance of 1.5 mtr.

Item no 30: Providing LT cable marker:

The price shall cover cost of Supply and erection of the cable route markers marked with L.T/H.T. as required as per approved RDSO drg. Or relevant IS and erection involves supply of cement concrete to make foundation/grouting etc. as directed by concern SSE. The cable route marker should be fixed at every 20 meters and at every turning point or as decide by concerned Site Engineer.

Item no 31: Providing 8 SWG GI wire in PVC sleeve with cable complete:

The price shall cover for supply of GI wire of 8 SWG covered with good quality PVC sleeve black color. The price shall also cover for laying of GI wire of 8 SWG to be laid along with existing PVC LTUG cable in existing cable trench, to connect earthing, fittings & LT panels etc.

Item no 32: Supply and erection of automatic CLS panel 63 Amp. Capacity 240 V for 10 kVA AT as per RDSO specifications:

The price shall cover cost for supply, erection, testing & commissioning of 10 KVA Change over panel (63 Amp) as per RDSO specification no. TI/SPC/PSI/CLS/0025 Rev. 5 or latest and suitable for 10 KVA AT Supply. The price also covers cost of any relay, fittings, glands, fasteners, lugs etc. for commissioning of panel and smooth working. The price shall also cover pre commissioning test required for taking EIG or as per desired by concern SSE/JE. Necessary tools/plants for pre-commissioning test shall be arranged by contractor on his own cost.

Item no 33: Dismantling of auxiliary transformer with complete assembly:

Price shall cover dismantling of existing 10 KVA Auxiliary Transformer along with all related fittings/SPS and loading, transportation, Unloading and shifted to nearest TRD Depot. All Released Materials are to be handed over to concerned TRD Depot In-charge. Care may be taken so as not to damage Insulators and other fittings which can be reutilized.

STANDING INDEMNITY BOND FOR SUPPLY OF MATERIALS TO THE CONTRACTOR

(To be executed in E-stamp paper of minimum Rs. 200/- & notarized for consideration price of Rs.50 Lakhs)

We, M/s _____ hereby undertake that we hold in our custody for and on behalf of the President of India, acting through the Sr. Divisional Electrical Engineer, TRD Distribution, Bhavnagar Division, Western Railways or his successor of the Ministry of Railways, Railway Board (hereinafter referred to as 'the Purchaser') and as his property is in trust of him all materials which have been handed over to us against the contract for **Name of work: "TRD work in connection with Upgradation of Interlocking from Standard I to Standard II (R) with provision of EI & MSDAC at Wansjaliya Jn."** vide letter of acceptance no Dt_ such as Galvanized steel materials. Blots and nuts, Conductor and wire, Hardware fitting, insulator and all other accessories etc. As per award have been handed over to us by the purchaser for the purpose of execution of the said Contract, until such time the materials are duly erected or otherwise handed over to him.

We shall be entirely responsible for the safe custody and protection of the said materials against all risk till they are duly delivered as erected equipment to the Purchaser, or as he may direct otherwise and shall indemnify the Purchaser against any loss damage, or deterioration whatsoever in respect of the said materials while in our possession and against disposal of surplus materials. The said materials shall at all times be open to inspection by any officer authorized by the Sr. Divisional Electrical Engineer, TRD Distribution, Bhavnagar Division, Western Railways or his successor (whose address will be intimated in due course).

Should any loss, damage or deterioration of materials occur or surplus materials disposed of and a refund becomes due, the Purchaser shall be entitled to recover from us the full cost as per prices included in Schedule of works to the contract (As applicable), and in respect of other materials as indicated in schedule and also compensation for such loss or damage, if any, along with the amount to be refunded without prejudice to any other remedies available to him by deduction from any sum due or any sum which at any time hereafter become due to us under the said or any other Contract. In the event of any loss, damage or deterioration as aforesaid the assessment of such loss or damage and the assessment of such compensation therefore would be made by the President of India or his authorized nominee and the said assessments shall be final and binding upon us.

Dated this _____ day of _____ 202_____

For and on behalf of Messrs. _____ (Contractor)

Signature of Witness:

POLICE VERIFICATION

<p>PHOTO</p> <p>(of applicant, signed by contractor)</p>

S. No.	Particulars	
1	Full Name with Aliases	
2	Parent's Name	
3	Nationality	
4	Present Address in full with Police Station and District	
5	Period of Residence	
6	Home/ Permanent Address in full with Police Station and District	

Declaration (by applicant):

	I certify that the following information is correct and complete to the best of my knowledge and belief.
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Police Certification:

The details as stated above are correct and the above person does not have any criminal or any case registered, pending in any court of law.

Signature of Applicant

Date:

Place:

Counter signature of

Authorized signatory with stamp