

# **TENDER DOCUMENT** **(TOP SHEET)**



<b>Name of Work</b>	<b>Provision of New Carriage Watering Hydrant facilities at various Stations of BSB Division</b>
<b>Tender Notice No.</b>	M/C&W/03/2026-27 dated 12-06-2026
<b>Type of tender</b>	Open Tender (Single packet) (Works Tender)
<b>Estimated cost of the work</b>	<b>Rs. 4,71,38,429.48</b> <b>(Four Crore Seventy One Lakh Thirty Eight Thousand Four Hundred Twenty Nine Rupees and Forty Eight Paise Only )</b>
<b>Period of Work</b>	<b>For Supply, Installation, Testing and Commissioning as per Scope of Work:-</b> 09 months from date of issue of LOA. <b>Warranty/Guarantee:-For Hydrant Pipeline:-</b> 18 months after commissioning <b>and for Pipes/Fittings/Valves/Equipments etc. :-</b> 18 months after commissioning/fitment or OEM specified warranty/guarantee whichever is more.
<b>Cost of tender paper</b>	<b>NIL</b> (Authority:- SGCC, Works, April 2022, issued by Railway Board vide Letter No. 2022/CE-I/CT/GCC-2022/POLICY New Delhi, Dated 27.04.2022
<b>Earnest money</b>	<b>Rs.9,42,800.00/-</b> <b>( Nine Lakh Forty Two Thousand Eight Hundred Rupees Only )</b>
<b>Date and Time of Closing of Tender</b>	<b>11-07-2026 At 13:30 Hrs.</b>
<b>Date and Time of opening of tender</b>	<b>11-07-2026 At 14:00 Hrs.</b>

- NOTE :-**
1. For Details, Submitting offer for this tender please refer to the IREPS website [www.ireps.gov.in](http://www.ireps.gov.in).
  2. SGCC Works, April 2022 upto latest correction slips shall be applicable for this tender in case of Conflict, if any.
  3. The Bid Security Money must be submitted/ Exemption to be claimed as per the BID SECURITY clause of this tender document and specified in the NIT ( Notice Inviting Tender).
  4. No manual offer shall be received for this tender and offer to be submitted on line on IREPS portal [www.ireps.gov.in](http://www.ireps.gov.in).
  5. For any clarification, query, Sr. DME/C&W/NER/BSB office may be contacted during working hours or email may be sent at [srdmebsb8@gmail.com](mailto:srdmebsb8@gmail.com).
  6. SGCC Works April 2022 may be downloaded from website [www.indianrailways.gov.in](http://www.indianrailways.gov.in) or can be obtained from this office during working hours.
  7. Each page of this Tender Document & Documents submitted by the Tenderer(s) online on IREPS portal for this tender must be self-attested i.e signed with date, duly stamped and submitted by the Authorized person on behalf of the Firm for signing and submitting this tender.
  8. Tenderers must carefully read the uploaded tender document before submitting offer for this tender.
  9. All the Company/Legal Documents viz. Power of Attorney, Board Resolution, MOA , AOA, Partnership Deed etc. must be legally valid under the prevailing laws/rules/guidelines/stamp duty act etc.
  10. Documents submitted by the tenderer must be legible, duly signed and stamped with date as mentioned above otherwise shall not be considered for evaluation.

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**PART I**  
**Regulations For Tenders And Contracts**

**1.0 Applicability:** These regulations and conditions of contract shall be applicable for all the tenders and contracts of railways for execution of 'Works' as defined in GFR 2017.

**1.01 Order of Precedence of Documents:** In a tender/contract, in case of any difference, contradiction, discrepancy, with regard to conditions of tender/contract, specifications, drawings, bill of quantities etc., forming part of the tender/contract, the following shall be the order of precedence:

- i. Letter of Award/Acceptance (LOA)
- ii. Schedule of Items, Rates & Quantities
- iii. Special Conditions of Contract
- iv. Technical Specifications as given in tender documents
- v. Drawings
- vi. Indian Railways Standard General Conditions of Contract updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents.
- vii. Indian Railways Unified Standard Specification (IRUSS-2019) updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents, if applicable in the contract.
- viii. CPWD Specifications 2019 Vol. I & II updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents, if applicable in the contract.
- ix. Indian Railways Unified Standard Specifications (Works and Material) 2010 updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents, if applicable in the contract.
- x. IR Specifications/Guidelines updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents.
- xi. Relevant B.I.S. Codes updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents.

**1.1 Interpretation:** These Regulations for Tenders and Contracts shall be read in conjunction with the Standard General Conditions of Contract which are referred to herein and shall be subject to modifications additions or suppression by Special Conditions of Contract and/or Special Specifications, if any, annexed to the Tender Forms.

**1.2 Definition:** In these Regulations for Tenders and Contracts the following terms shall have the meanings assigned hereunder except where the context otherwise requires:

- (a) **"Railway"** shall mean the President of the Republic of India or the administrative officers of the Railway or Successor Railway authorized to deal with any matter, which these presents are concerned on his behalf.
- (b) **"General Manager"** shall mean the Officer-in-Charge of the general superintendence and control of the Zonal Railway/Production Unit and shall also include Addl. General Manager, General Manager (Construction) and shall mean and include their successors of the Successor Railway.
- (c) **"Chief Engineer"** shall mean the Officer-in-Charge of the Engineering Department of Railway and shall also include Chief Engineer (Construction), Chief Electrical Engineer, Chief Electrical Engineer (Construction), Chief Signal & Telecom Engineer, Chief Signal & Telecom Engineer (Construction), Chief Mechanical Engineer and shall mean and include their successors of the Successor Railway.
- (d) **"Divisional Railway Manager"** shall mean the Officer-in-Charge of a Division of Zonal Railway and shall mean and include Divisional Railway Manager of the Successor Railway.
- (e) **"Engineer"** shall mean the Divisional Engineer or Executive Engineer, Divisional Signal & Telecom Engineer, Divisional Electrical Engineer, Divisional Mechanical Engineer in executive charge of the works and shall include the superior officers, both Open Line and Construction Organizations, of Engineering, Signal & Telecom, Mechanical and Electrical Departments, i.e. the Senior Divisional Engineer/Deputy Chief Engineer, Senior Divisional Signal & Telecom Engineer/ Dy. Chief Signal & Telecom Engineer, Senior Divisional Electrical Engineer/Deputy Chief Electrical Engineer, Senior Divisional Mechanical Engineer and shall mean & include the Engineers of the Successor Railway.

- (f) **“Tenderer”** shall mean the person/firm/co-operative or company whether incorporated or not who tenders for the works with a view to execute the works on contract with the Railway and shall include their representatives, successors and permitted assigns.
  - (g) **“Limited Tenders”** shall mean tenders invited from all or some contractors on the approved or select list of contractors with the Railway.
  - (h) **“Open Tenders”** shall mean the tenders invited in open and public manner and with adequate notice.
  - (i) **“Works”** shall mean the works contemplated in the drawings and schedules set forth in the tender forms /tender document and NITs and required to be executed according to the specifications.
  - (j) **“Specifications”** shall mean the Specifications for Materials and Works of the Railway as specified under the authority of the Ministry of Railways or Chief Engineer or as amplified, added to or superseded by special specifications if any, appended to the Tender Forms/Tender Document.
  - (k) **“Schedule of Rates of the Railway”** shall mean the Schedule of Rates issued under the authority of the Chief Engineer from time to time.
  - (l) **“Drawings”** shall mean the maps, drawings, plans and tracings, or prints thereof annexed to the Tender Forms/Tender Document.
  - (m) **“Contractor’s authorized Engineer”** shall mean a graduate engineer or equivalent, having more than 3 years experience in the relevant field of similar work involved in the contract, duly approved by the Engineer.
  - (n) **Date of inviting tender** shall be the date of publishing tender notice on IREPS website if tender is published on website or the date of publication in newspaper in case tender is not published on website.
- 1.3 Words importing the singular number shall also include the plural and vice versa where the context requires.

## **CREDENTIALS OF CONTRACTORS**

### **2. Application for Registration:**

2.1 Works of construction and of supply of material shall be entrusted for execution to contractors whose capabilities and financial status have been investigated and approved to the satisfaction of the Railway. A list of approved contractors shall be maintained in the Railway. The said list be revised periodically once in a year or so by giving wide publicity through advertisements etc. A contractor including a contractor who is already on the approved list shall apply to the concerned General Manager (Construction)/Chief Administrative Officer (Construction)/Principal Chief Engineer/Principal Chief Signal & Telecommunication Engineer/Principal Chief Mechanical Engineer/ Principal Chief Electrical Engineer/Divisional Railway Manager, furnishing particulars regarding:

- (a) his position as an independent contractor specifying engineering organization available with details of partners/staff/engineers employed with qualifications and experience;
- (b) his capacity to undertake and carry out works satisfactorily as vouched for by a responsible official or firm; details about the transport equipments, construction tools and plants etc. required for the work, maintained by him;
- (c) his previous experience of works similar to that to be contracted for, in proof of which original certificates or testimonials may be called for and their genuineness verified, if needs be, by reference to the signatories thereof;
- (d) his knowledge from actual personal investigation of the resources of the area/zone or zones in which he offers to work;
- (e) his ability to supervise the work personally or by competent and duly authorized agent;
- (f) his financial position;

2.2 An applicant shall clearly state the categories of works and the area/zone/division(s)/district(s) in which he desires registration in the list of approved contractors.

2.3 The selection of contractors for enlistment in the approved list would be done by a committee for different value of slabs as notified by Railway.

2.4 An annual fee as prescribed by the Railway from time to time would be charged from such approved contractors to cover the cost of sending notices to them and clerkage for tenders etc. Notices shall be sent to them on registered e-mail address and registered postal address.

## **TENDERS FOR WORKS**

**3.Tender Form/Tender Document:-**Tender Forms/Tender Documents shall embody the contents of the contract documents either directly or by reference and shall be as per specimen form, Annexure-I. e- Tender Forms shall be issued free of cost to all tenderers.

**4. Omissions & Discrepancies:** Should a tenderer find discrepancies in or omissions from the drawings or any of the Tender Forms/Tender Document 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 endeavour 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.***

### **5.BID SECURITY:-**

- (1) (a) The tenderer shall be required to submit the 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:

<b>Value of the Work</b>	<b>Bid Security</b>
For all works	2% of the estimated cost of the work

**Note:-**

- i. The Bid Security shall be rounded off to the nearest ₹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 'Startups' shall be exempted from payment of Bid Security detailed above.
- iii. Labor Cooperative Societies shall submit only 50% of above BID SECURITY detailed above.
- iv. As per Advance Correction Slip No. 11 to IR-SGCC, April -2022 circulated vide RB Letter No. 2022/CE-I/CT/GCC-2022/POLICY/Pt.I( E-3320424) New Delhi, Dated:13.03.2026

(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 para (a) above will be retained as part security for the due and faithful fulfillment 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 (Ch. OS/Mech/C&W/BSB/NER, DRM Office Lahartara, Varanasi nominated for this tender) as indicated in the tender document before closing date for submission of bids (i.e. excluding the last date of 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 below :-  
(To, The Sr. Divisional Mechanical Engineer/C&W, DRM office, Lahartara, NER, Varanasi  
Pin code -221002)
  - 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.

**6.0 Care in Submission of Tenders:-**

- (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 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 Services Tax Act, 2017(CGST)/ Integrated Goods and Services Tax Act, 2017(IGST)/ Union Territory Goods and Services Tax Act, 2017(UTGST)/ respective state's State Goods and Services 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.
- (a) (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.

**(a) (v)** *Contractor shall be liable to pay/refund the amount collected as GST to the Indian Railways along with interest and penalties, if any imposed by the authorities, in case GST input tax credit of Indian Railways is denied/rejected by the tax authorities due to reasons mentioned below but not limited to:*

*Wrong/incorrect invoices issued by Contractor;*

*No-filing of GST returns;*

*Non-payment of GST collected from Indian Railways to the authorities;*

*Any other non-compliance done by Contractor;*

**General Indemnity:** Contractor hereby agrees to indemnify and hold harmless the Indian Railways from and against any and all losses, including loss on account of Input Tax Credit and all losses incurred by the Indian Railways relating to or arising out of or in connection with any actual or threatened claim, legal action, proceedings, prosecution or inquiry by or against the Indian Railways arising out, directly or indirectly, of failure by the contractor to comply with the provisions of GST and related laws, or based upon or arising from any failure by the Contractor.

**Retention Money:** Any payment liable to be paid by Indian Railways to contractor against the goods or services or both supplied by such contractor to Indian Railways shall be kept on hold in case supplier makes any non-compliance of any of the GST law provisions including non-reporting of invoices in GST returns. Such payment shall be released after proper verification of records and availability of ITC to Indian Railways as per provisions of GST Law.

**6.1** The tenderers shall submit a copy of certificate stating that all their statements/documents submitted along with bid are true and factual. Standard format of certificate to be submitted by the bidder is enclosed as **Annexure-V**. In addition to Annexure-V, in case of other than Company/Proprietary firm. **Annexure - V(A) shall also be submitted** by the 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 above certificate(s) (i.e. Annexure V & V(A)) 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 is qualifying the Qualifying Criteria mentioned in the Tender Document.

**NOTE:-“On IREPS Module, a facility has already been created for online submission of Annexure-V. Therefore, the provision of downloading of Annexure-V of GCC & uploading of physically signed Annexure-V by the tenderer has been discontinued on IREPS”**

**(As per Railway Board’s Letter No. 2022/CE-I/CT/GCC Correspondence New Delhi, dated 14.05.2024)**

## **CONSIDERATION OF TENDERS**

**7. 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. In case if tender is accepted in part by Railway administration, Letter of Acceptance shall be issued as counter offer to the Tenderer, which shall be subject to acceptance by the Tenderer.

**7A. Two Packets System of Tendering:** With a view to assess the tenders technically without being influenced by the financial bids, Two Packets System of tendering shall be adopted wherein tender documents provided for the same.

**7B. Pre Bid Conference:** Intenders having advertised value more than Rs 50 Crore or as mentioned in the tender document, Railway shall conduct Pre Bid Conference(s) with the prospective bidders.

**7C. Make in India Policy:** Provisions of Make in India Policy 2017 issued by Govt. of India, as amended from time to time, shall be followed for consideration of tenders.

**7D. Permission to Bid for a bidder from a country which shares Land boundary with India:** Any bidder from the countries sharing a land border with India will be eligible to bid in any procurement of works (including turnkey projects) only if the bidder is registered with the Competent Authority. The Competent Authority for registration will be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT), Government of India. For interpretation of this para, Department of Expenditure, Ministry of Finance, Government of India letter F.No.6/18/2019-PPD dated 23/07/2020 shall be referred.

**7E. Clarification of Bids:** To assist in the examination, evaluation & comparison and prequalification of the Tender, the Railway may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by the Railway shall not be entertained or considered. The Railway request for clarification and the response of the bidder in this regard shall be in writing.

However, if a Bidder does not provide clarification of its bid by the date and time communicated in the Railway request for clarification, the bid shall be evaluated as per the documents submitted along with the bid.

## **CONTRACT DOCUMENTS**

**8. Execution of Contract Document:** The Tenderer whose tender is accepted shall be required to appear in person at the office of General Manager/General Manager (Construction), Chief Administrative Officer (Construction), Divisional Railway Manager or concerned Engineer, as the case may be, or if tenderer is a firm or corporation, a duly authorized representative shall appear (there would be no need for appear in person if agreement is signed digitally) and execute the contract agreement within seven days of notice from Railways that the Contract Agreement is ready. Failure to do so shall constitute a breach of the agreement affected by the acceptance of the tender. The Contract Agreement shall be entered into by Railway only after submission of valid Performance Guarantee by the Contractor. In such cases the Railway may determine that such tenderer has abandoned the contract and there upon his tender and acceptance thereof shall be treated as cancelled and the Railway shall be entitled to forfeit the full amount of the Bid Security and other dues payable to the Contractor under this contract. The failed Contractor shall be debarred from participating in the re-tender for that work.



**9. Form of Contract Document:** Every contract shall be complete in respect of the document it shall so constitute. Not less than 2 copies of the contract document shall be signed by the competent authority and the Contractor and one copy given to the Contractor. (there would be no need of signing two copies if agreement is signed digitally).

- (a) For Zone Contracts, awarded on the basis of the percentage above or below the applicable chapter(s) of Standard Schedule of Rates (SSOR) for the whole or part of financial year, the contract agreement required to be executed by the tenderer whose tender is accepted shall be as per specimen form, Annexure-II of GCC. During the currency of the Zone Contract, work orders as per specimen form Annexures-III of GCC, for works not exceeding ₹ 5, 00,000 each, shall be issued by the Divisional Railway Manager/Executive Engineer under the agreement for Zone Contract.
- (b) For contracts for specific works, the contract document required to be executed by the tenderer whose tender is accepted shall be an agreement as per specimen form Annexure-IV of GCC.

**RAILWAY**  
**TENDER FORM (First Sheet)**

Tender No. \_\_\_\_\_

Name of Work \_\_\_\_\_

To

The President of India,

Acting through Sr. DME (C&amp;W)

North Eastern Railway Varanasi

1. I/We \_\_\_\_\_ have read the various conditions to tender attached hereto 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 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 09 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 ₹ \_\_\_\_\_ 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. (a) I/We am/are a Startup firm registered by ..... Department of Industrial Policy and Promotion (DIPP) and my registration number is -----valid upto ..... (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 Tenderer(s)

Date \_\_\_\_\_

Address of the Tenderer(s)  
\_\_\_\_\_  
\_\_\_\_\_

**TENDER FORM (Second Sheet)**

1. **Instructions to Tenderers and Conditions of Tender:** The following documents form part of Tender / Contract:
  - (a) Tender Forms–First Sheet and Second Sheet
  - (b) Special Conditions/Specifications (enclosed)
  - (c) Bill(s) of approximate quantities (enclosed)
  - (d) Standard General Conditions of Contract and Standard Specifications (Works and Materials) of Indian Railways as amended/corrected upto latest correction slips, copies of which can be seen in the office of Sr. DME/C&W/BSB N.E. Railway on payment of prescribed charges.
  - (e) Standard Schedule of Rates (SSOR) as amended/corrected upto latest correction slips, copies of which can be seen in the office of Sr. DME/C&W/BSB N.E. 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 (if needed):-**The drawings are only for the guidance of Tenderer(s). Detailed GA drawing (if required) based generally on the drawing mentioned above, will be given by the firm after award of contract .
3. The Tenderer(s) shall quote his/their rates as a percentage above or below the Standard Schedule of Rates (SSOR) of Railway as applicable to 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 (in all respects) are to be completed within 09 months from the date of issue LOA (Letter of Acceptance) .
6. **BID SECURITY:**
  - (a) Subject to exemptions provided under para 5(1) (a) of Part-1 (ITT) of this document, 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 90 days) 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 \_\_\_\_\_ Railway. Should the tenderer fail to observe or comply with the foregoing stipulation, the amount deposited or Bank guarantee bond submitted as BID SECURITY for the due performance of the above stipulation, shall be forfeited to the Railway.
  - (c) If his tender is accepted,
    - (i) the BID SECURITY mentioned in sub para(a) above deposited in cash through e-payment gateway will be retained as part security for the due and faithful fulfillment of the contract in terms of Clause 16 of the Standard General Conditions of Contract;
    - (ii) the BID SECURITY mentioned in sub para(a) above submitted as Bank guarantee bond, will be encashed as part security for the due and faithful fulfillment 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 to the BID SECURITY 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, the Railway shall return the BID SECURITY so retained as per sub para(c) above, to the Contractor.

7. **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.
8. 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.
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.

#### 10.1 **Eligibility Criteria:**

##### **Definition of Similar Nature of Work:-**

***"Supply, Erection & Commissioning of watering Hydrant/Plumbing /Water Piping /Tubewell in Railways /PSUs/Other Government Agencies".***

**(Authority:-** Vide Letter No. M/272/3/C&W Facilities/Tender Cell/Part-I/Division Dated 27.04.2022 issued by Dy. CME/Works/(HQ)

#### 10.1 **Technical Eligibility Criteria:-**

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.
- a) (i)** 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) (i): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components.**

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

**(b) (iii)** 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 fulfillment of technical eligibility. Such subcontractor must fulfill technical eligibility criteria as follows:

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

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

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

**Note for Item 10.1:**

Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. 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.

**10.2 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

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.

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

**10.4 No Technical and Financial credentials are required for tenders having advertised value up to Rs 50 lakh.** ( Authority – SGGC Works April 2022)

**10.5 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 fulfillment 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 fulfillment 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 fulfillment of

credentials.

6. In case a work is considered similar in nature for fulfillment 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  $0.3 \times 0.2$  \* 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 \_\_\_\_\_ 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) Audited Balance Sheet duly certified by the Chartered Accountant 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 addition to Annexure-V, in case of other than Company/Proprietary firm. Annexure-V(A) shall also be submitted by the 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.

**NOTE:-***"On IREPS Module, a facility has already been created for online submission of Annexure-V.*

*Therefore , the provision of downloading of Annexure –V of GCC & uploading of physically signed Annexure-V by the tenderer has been discontinued on IREPS”*

**(As per Railway Board’s Letter No. 2022/CE-I/CT/GCC Correspondence New Delhi , dated 14.05.2024)**

(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 BID SECURITY besides banning of business for a period of upto two 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. BID SECURITY, 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 upto two 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, 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 upto latest correction slips, mentioned in tender form (First Sheet).

**14. Documents to be Submitted Along with Tender:-**

(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/Hindu Undivided Family (HUF)/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. **Annexure – P of this tender document must be mandatorily filled, signed and submitted by the tenderers.***

(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.( if applicable)

(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 documents mentioned in para 10 of the tender form (Second Sheet) above. .( if applicable)

(c) **Partnership Firm:**

(i) All documents as mentioned in para 18 of the Tender Form (Second Sheet).

(d) **Joint Venture (JV): 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 of para 10 of the Tender Form (Second Sheet) above. (if applicable)

(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 favour 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 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 the Certificate of Registration
  - (ii) A copy of Memorandum of Association of Society/Trust Deed
  - (iii) A copy of Power of Attorney in favour of the individual to sign the tender documents and createliability 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. **(if applicable)**
  - (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/registered society/registered trust/HUF/LLP etc if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, specifically authorizing him/them to sign the tender, submit the tender and further to deal with the Tender/Contract up to the stage of signing the agreement except in case where such specific person is authorized for above purposes through a provision made in the partnership deed/Memorandum of Understanding/Article of Association /Board resolution, failing which tender shall be summarily rejected.

A separate power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, shall be submitted after award of work, specifically authorizing him/them to deal with all other contractual activities subsequent to signing of agreement, if required.

**Note:** *A Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by Bidders from countries that have signed 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 (Annexure O of this tender document must be submitted by the tenderer)**

**(a) Should a tenderer**

- i) be a retired Engineer of the gazetted rank or any other gazetted 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 gazetted 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.

### **JOINT VENTURE (JV) IN WORKS TENDERS-N/A**

**17. Participation of Joint Venture (JV) in Works Tender: Not Applicable for this Tender.**

**18. Participation of Partnership Firms in works tenders:**

**18.1** The Partnership Firms participating in the tender should be legally valid under the provisions of the Indian Partnership Act.

**18.2** The partnership firm should have been in existence or should have been formed prior to submission of tender. Partnership firm should have either been registered with the Registrar or the partnership deed should have been notarized as per the Indian Partnership Act. prior to submission of tender.

**18.3** Separate identity/name should be given to the partnership firm. The partnership firm should have PAN/TAN number in its own name and PAN/TAN number in the name of any of the constituent partners shall not be considered. The valid constituents of the firm shall be called partners.

**18.4** Once the tender has been submitted, the constitution of the firm shall not normally be allowed to be modified / altered/terminated during the validity of the tender as well as the currency of the contract except when modification becomes inevitable due to succession laws etc., in which case prior permission should be taken from Railway and in any case the minimum eligibility criteria should not get vitiated. The re-constitution of firm in such cases should be followed by a notary certified Supplementary Deed. The approval for change of constitution of the firm, in any case, shall be at the sole discretion of the Railways and the tenderer shall have no claims what-so-ever. Any change in the constitution of Partnership firm after submission of tender shall be with the consent of all partners and with the signatures of all partners as that in the Partnership Deed. Failure to observe this requirement shall render the offer invalid and full BID SECURITY shall be forfeited.

If any Partner/s withdraws from the firm after submission of the tender and before the award of the contract, the offer shall be rejected and BID SECURITY of the tenderer will be forfeited. If any new partner joins the firm after submission of tender but prior to award of contract, his / her credentials shall not qualify for consideration towards eligibility criteria either individually or in proportion to his share in the previous firm. In case the tenderer fails to inform Railway beforehand about any such changes/modification in the constitution which is inevitable due to succession laws etc. and the contract is awarded to such firm, then it will be considered a breach of the contract conditions liable for determination of the contract under Clause 62 of the standard General Conditions of Contract.

**18.5** A partner of the firm shall not be permitted to participate either in his individual capacity or as a partner of any other firm in the same tender.

**18.6** The tender form shall be submitted only in the name of partnership firm. The BID SECURITY shall be submitted by partnership firm through e-payment gateway or as mentioned in tender document. The BID SECURITY submitted in the name of any individual partner or in the name of authorized partner (s) shall not be considered.

**18.7** On issue of Letter of Acceptance (LOA) to the partnership firm, all the guarantees like Performance Guarantee, Guarantee for various Advances to the Contractor shall be submitted only in the name of the partnership firm and no splitting of guarantees among the partners shall be acceptable.

**18.8** On issue of Letter of Acceptance (LOA), contract agreement with partnership firm shall be executed in the name of the firm only and not in the name of any individual partner.

**18.9** In case the Letter of Acceptance (LOA) is issued to a partnership firm, the following undertakings shall be furnished by all the partners through a notarized affidavit, before signing of contract agreement.

**(a) Joint and several liabilities:**

The partners of the firm to which the Letter of Acceptance (LOA) is issued, shall be jointly and severally liable to the Railway for execution of the contract in accordance with General and Special Conditions of the Contract. The partners shall also be liable jointly and severally for the loss, damages caused to the Railway during the course of execution of the contract or due to non-execution of the contract or part thereof.

**(b) Duration of the partnership deed and partnership firm agreement:**

The partnership deed/partnership firm agreement shall normally not be modified/altered/ terminated during the currency of contract and the maintenance period after the work is completed as contemplated in the conditions of the contract. Any change carried out by partners in the constitution of the firm without permission of Railway, shall constitute a breach of the contract, liable for determination of the contract under Clause 62 of the Standard General Conditions of Contract.

**(c) Governing laws:** The partnership firm agreement shall in all respect be governed by and interpreted in accordance with the Indian laws.

**(d)** No partner of the firm shall have the right to assign or transfer the interest right or liability in the contract without the written consent of the other partner/s and that of the Railway.

**18.10** The tenderer shall clearly specify that the tender is submitted on behalf of a partnership firm. The following documents shall be submitted by the partnership firm, with the tender:

**(i)** A notarized copy of partnership deed or a copy of the Partnership deed registered with the Registrar.

**(ii)** A notarized or registered copy of Power of Attorney in favour of the individual to tender for the work, sign the agreement etc. and create liability against the firm.

**(iii)** An undertaking by all partners of the partnership firm that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders/contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP in which they were/are partners/members. Any Concealment/wrong information in regard to above shall make the bid ineligible or the contract shall be determined under Clause 62 of the Standard General Conditions of Contract.

**(iv)** All other documents in terms of para 10 of the tender form (Second Sheet) above.

**18.11 Evaluation of eligibility of a partnership firm:**

Technical and financial eligibility of the firm shall be adjudged based on satisfactory fulfillment of the eligibility criteria laid down para 10 of the tender form (Second Sheet) above (if applicable)

**19.0 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 advances, as per Contractor's request.

These advances shall carry a simple interest \_\_\_\_\_ as 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.

(Signature)

(Designation)

Signature of Tenderer (s) \_\_\_\_\_ Railway Date \_\_\_\_\_

ANNEXURE-I (Contd. ...), ANNEXURE-II, ANNEXURE-III, and ANNEXURE-IV will be applicable As per GCC of Works, April -2022 editions with all correction slip.

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

**NOTE:-“On IREPS Module, a facility has already been created for online submission of Annexure–V. Therefore, the provision of downloading of Annexure –V of GCC & uploading of physically signed Annexure-V by the tenderer has been discontinued on IREPS”**

**(As per Railway Board’s Letter No. 2022/CE-I/CT/GCC Correspondence New Delhi, dated 14.05.2024)**

I----- (Name and designation)\*\*appointed as the attorney/authorized signatory of the tenderer

M/s -----(hereinafter called the tenderer) for the purpose of the tender documents for the work of-----as per the tender No. \_\_\_\_\_ of \_\_\_\_\_ (North Eastern Railway), do hereby solemnly affirm and state on the behalf of the tenderer including its constituents as under: -

1. I/We the tenderer(s), am /are signing this document after carefully reading the contents.
2. I/We the tenderer(s), also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3. I/We hereby declare that I/We have downloaded the tender document from Indian Railway website [www.ireps.gov.in](http://www.ireps.gov.in). I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the Railway Administration shall be final and binding upon me/us.
4. I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5. **I/we also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.**
6. **I/we declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.**
7. I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry/ Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8. I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two years. Further, I/We (insert name of the tenderer)\*\* \_\_\_\_\_ and all my/our constituents understand that my/our offer shall be summarily rejected.
9. I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/ Security Deposit and performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two years.
10. I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfill all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

**SEAL AND SIGNATURE OF THE TENDERER**

**Place:**

**Dated: .....**

\*\* The contents in Italics are only for guidance purpose. Details as appropriate are to be filled in suitably by tenderer.

**(MANDATORY)**

*(This certificate is to be given by attorney/authorized signatory/each member of Partnership firm/Joint Venture (JV)/Hindu Undivided Family (HUF)/ Limited Liability Partnership (LLP) etc.)*

I/We -----(Name), attorney/authorized signatory of the -----  
- (constituent firm/constituent partner) and member/ partner of the -----  
(tendering firm) hereby solemnly affirm the state as under :

1. I/we certify that ----- (constituent firm/constituent partner) is/are not blacklisted or debarred by Railways or any other Ministry/Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
2. I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfill all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

**SEAL AND SIGNATURE OF THE CONSTITUENT  
FIRM/CONSTITUENT PARTNER**

Place:

Date:

**TENDERER'S CREDENTIALS (BID CAPACITY)****RAILWAY**

For tenders having advertised value more than **Rs 10 crore** wherein eligibility criteria includes bid capacity also, the tenderer will be qualified only if its available bid capacity is equal to or more than the total bid value of the present tender. The available bid capacity shall be calculated as under:

**(Revised Guidelines shall be applicable as per Advance Correction Slip No. 11 to IR-SGCC Works April 2022 ( Uploaded on IREPS website along with Tender Document ) )**

Available Bid Capacity =  $[A \times N \times 2] - 0.33 \times N \times B$  Where,

A = Maximum value of construction works executed and payment received in any one of the previous three financial years or the current financial year (up to date of inviting tender), taking into account the completed as well as works in progress.

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

B = Existing commitments and balance amount of ongoing works with tenderer as per the prescribed Proforma of Railways for statement of all works in progress and also the works which are awarded to tenderer but yet not started upto the date of inviting of tender.

**Note:**

**(a)** The Tenderer(s) shall furnish the details of –

- (i)** Maximum value of construction works executed and payment received in any one of the previous three financial years or the current financial year (up to date of inviting tender) for calculating A, and
- (ii)** Existing commitments and balance amount of ongoing works with tenderer as per the prescribed Proforma of Railway for statement of all works in progress and also the works which are awarded to tenderer but yet not started upto the date of inviting of tender for calculating B. In case of no works in hand, a 'NIL' statement should be furnished.

**(b)** In case if a bidder is JV, the tenderer(s) must furnish the details of

- (i)** Maximum value of construction works executed and payment received in any one of the previous three financial years or the current financial year (up to date of inviting tender) by each member of JV for calculating A, and
- (ii)** Existing commitments and balance amount of ongoing works with each member of JV either in individual capacity or as a member of other JV as per the prescribed proforma of Railway for statement of all works in progress and also the works which are awarded to each member of JV either in individual capacity or as a member of other JV but yet not started upto the date of inviting of tender for calculating B. In case of no works in hand, a 'NIL' statement should be furnished. The submitted details for (i) and (ii) above should be duly verified by Chartered Accountant.
- (c)** Value of a completed work/work in progress/work awarded but yet not started for a Member in an earlier JV shall be reckoned only to the extent of the concerned member's share in that JV for the purpose of satisfying his/her compliance to the above mentioned bid capacity in the tender under consideration.
- (d)** The arithmetic sum of individual "bid capacity" of all the members shall be taken as JV's "bid capacity".
- (e)** In case, the tenderer/s failed to submit the above statement along with offer, their/his offer shall be considered as incomplete and will be rejected summarily.
- (f)** The available bid capacity of tenderer shall be assessed based on the details submitted by the tenderer. In case, the available bid capacity is lesser than estimated cost of work put to tender, his offer shall not be considered even if he has been found eligible in other eligibility criteria/tender requirement.

**Para 5 of the Instructions to Tenderers**  
**(Bid Security)**

Bank Guarantee Bond from any scheduled commercial bank of India  
(On non-judicial stamp paper, which should be in the name of the Executing Bank).

Name of the Bank: -----

President of India,

Acting through .....,

..... Railway,

Beneficiary..... Railway

Date:.....

**Bank Guarantee Bond No.:**

**Date:-----**

In consideration of the President of India acting through-----(**Designation & address of Contract Signing Authority**), ..... Railway, ....., .... (hereinafter called "The Railway") having invited the bidfor -----through Notice inviting tender (NIT) No.,

We have been informed that . . . . **[Insert name of the Bidder]**..... (hereinafter called "the Bidder") intends to submit its bid(hereinafter called "the Bid") .

WHEREAS, the Bidder is required to furnish Bid Security for the sum of [Insert required Value of Bid Security], in the form of Bank Guarantee, according to conditions of Bid.

**AND**

WHEREAS, .....**[Insert Name of the Bank]**, with its Branch..... **[Insert Address]** having its Headquarters office at..... **[Insert Address]**, hereinafter called the Bank, acting through ..... **[Insert**  
**t**

**Name and Designation of the authorised persons of the Bank]**, have, at the request of the Bidder, agreed to give guarantee for Bid Security as hereinafter contained, in favour of the Railway:

1. **KNOW ALL MEN** that by these present that I/We the undersigned **[Insert name(s) of authorized representatives of the Bank]**, being fully authorized to sign and incur obligations for and on behalf of the Bank, confirm that the Bank, hereby, unconditionally and irrevocably guarantee to pay to the Railway full amount in the sum of **[Insert required Value of Bid Security]** as above stated.
2. The Bank undertakes to immediately pay on presentation of demand by the Railway any amount up to and including aforementioned full amount without any demur, reservation or recourse. Any such demand made by the Railway on the Bank shall be final, conclusive and binding, absolute and unequivocal on the Bank notwithstanding any disputes raised/ pending before any Court, Tribunal, Arbitration or any Authority or any threatened litigation by the Bidder or Bank.
3. The Bank shall pay the amount as demanded immediately on presentation of the demand by Railway without any reference to the Bidder and without the Railway being required to show grounds or give reasons for its demand of the amount so demanded.
4. The guarantee hereinbefore shall not be affected by any change in the constitution of the Bank or in the constitution of the Bidder.
5. The Bank agrees that no change, addition, modifications to the terms of the Bid document or to any documents, which have been or may be made between the Railway and the Bidder, will in any way absolve the Bank from the liability under this guarantee; and the Bank, hereby, waives any requirement for notice of any such change, addition or modification made by Railway at any time.
6. This guarantee will remain valid and effective from.....[insert date of issue] till .....[insert date, which should be minimum 90 days beyond the expiry of validity of Bid]. Any demand in respect of this Guarantee should reach the Bank within the validity period of Bid Security.
7. The Bank Guarantee is unconditional and irrevocable.

8. The expressions Bank and Railway herein before used shall include their respective successors and assigns.

9. The Bank hereby undertakes not to revoke the guarantee during its currency, except with the previous consent in writing of the Railway. This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No.758.

10. The Bank hereby confirms that it is on the SFMS (Structured Financial Messaging System) and shall invariably send the advice of this Bank Guarantee to the following bank details –

IFSC CODE	SBIN000RAIL
IFSC TYPE	BRANCH
BANK NAME	STATE BANK OF INDIA
BRANCH NAME	RAIL
CITY NAME	NAVI MUMBAI
ADDRESS	SECTOR-11, CBD BELAPUR, NAVI MUMBAI
DISTRICT	NAVI MUMBAI
STATE	MAHARASHTRA
BG ENABLED	YES

11. The Guarantee shall be valid in addition to and without prejudice to any other security Guarantee(s) of Bidder in favour of the Railway. The Bank, under this Guarantee, shall be deemed as Principal Debtor of the Railway.

Date .....

Place.....

Bank's Seal and authorized signature(s)  
[Name in Block letters] .....  
[Designation with Code

No.].....

[P/Attorney] No.

Witness:

1 Signature, Name & Address & Seal

2 Signature, Name & address & Seal

Bank's Seal  
[P/Attorney]No.

**Note:** All italicized text is for guidance on how to prepare this bank guarantee and shall be deleted from the final document.

Reference -Para 10.2 &amp; 17.15.2 of Tender Form (Second Sheet) of Annexure I of ITT

Each Bidder or each member of a JV must fill in this form separately:

NAME OF BIDDER/JV PARTNER:

Annual Contractual Turnover Data for the Previous 3/4 Years (Contractual Payment only)			
Year	Amount Currency	Exchange Rate	Indian National Rupees Equivalent
Average Annual Contractual Turnover for last 3 years			

1. The average annual contractual turnover shall be calculated as an average of “total contractual payments” in the previous three financial years. 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 contractor shall must clarify whether previous year balance sheet is audited or not with full justification in written along with their offer
2. The information supplied shall be substantiated by data in the audited balance sheets and profit and loss accounts for the relevant years in respect of the bidder or all members constituting the bidder.
3. Contents of this form should be certified by a Chartered Accountant duly supported by Audited Balance Sheet duly certified by the Chartered Accountant.

**SEAL AND SIGNATURE OF THE BIDDER**

Certified that all figures and facts submitted in this form have been furnished after full consideration of all observations/notes in Auditor's reports. \_\_\_\_\_

(Signature of Chartered Accountant)

Name of CA: \_\_\_\_\_

Registration No: \_\_\_\_\_

(Seal)



## Part II

### STANDARD GENERAL CONDITIONS OF CONTRACT

#### GENERAL OBLIGATIONS

- 2. (1) Execution Co-Relation and Intent of Contract Documents:** The contract documents shall be signed in triplicate by the Railway and the Contractor. The contract documents are complementary and what is called for by anyone shall be as binding as if called for by all, the intention of the documents is to include all labour and materials, equipments and transportation necessary for proper execution of work. Materials or works not covered by or properly inferable from any heading or class of the specifications shall not be supplied by the Railway to the Contractors unless distinctly specified in the contract documents. Materials or works described in words which so applied have a well-known technical or trade meaning, shall be held to refer to such recognized standards.
- 2.(2)** If a work is transferred from the jurisdiction of one Railway to another Railway or to a Project authority or vice versa while contract is in subsistence, the contract shall be binding on the Contractor and the Successor Railway/Project in the same manner & take effect in all respects as if the Contractor and the Successor Railway/Project were parties thereto from the inception and the corresponding officer or the Competent Authority in the Successor Railway/Project will exercise the same powers and enjoy the same authority as conferred to the Predecessor Railway/Project under the original contract/agreement entered into.
- 2.(3)** If for administrative or other reasons the contract is transferred to the Successor Railway, the contract shall, notwithstanding any things contained herein contrary there to, be binding on the Contractor and the Successor Railway in the same manner and take effect in all respects as if the Contractor and the Successor Railway had been parties thereto from the date of this contract.
- 3. (1) Law Governing the Contract:** The contract shall be governed by the law for the time being in force in the Republic of India.
- 3.(2) Compliance to Regulations and Bye-Laws:** The Contractor shall conform to the provision of any statute relating to the works and regulations and bye-laws of any local authority and of any water and lighting companies or undertakings, with whose system the work is proposed to be connected and shall before making any variation from the drawings or the specifications that may be necessitated by so confirming give to the Engineer notice specifying the variation proposed to be made and the reason for making the variation and shall not carry out such variation until he has received instructions from the Engineer in respect thereof. The Contractor shall be bound to give all notices required by statute, regulations or bye-laws as aforesaid and to pay all fees and taxes payable to any authority in respect thereof.
- 3.(3) Environmental and Forest clearances:**  
The Railway represents and warrants that the environmental and forest clearances pertaining to the work commensurate with the progress of work/agreed programme, will be obtained by Engineer. In the event of any delay in securing respective clearances leading to delay in execution of work, the Contractor shall be entitled to Extension of Time for the period of such delay in accordance with the provisions of Clause-17A(ii).
- 4.Communications to be in Writing:** All notices, communications, reference and complaints made by the Railway or the Engineer or the Engineer's Representative or the Contractor inter-se concerning the works shall be in writing or e-mail on registered e-mail IDs i.e. the e mail id provided for correspondences in the contract agreement, otherwise email id registered with IREPS and no notice, communication, reference or complaint not in writing or through e-mail, shall be recognized.
- 5.Service of Notices on Contractors:** The Contractor shall furnish to the Engineer the name, designation and address of his authorized agent and all complaints, notices, communications and references shall be deemed to have been duly given to the Contractor, if delivered to the Contractor or his authorized agent or left at or posted to the address so given and shall be deemed to have been so given in the case of posting on day on which they would have reached such address in the ordinary course of post/ e-mail or on the day on which they were so delivered or left. In the case of contract by partners, any change in the constitution of the firm shall be forthwith notified by the Contractor to the Engineer.

**6. Occupation and Use of Land:** No land belonging to or in the possession of the Railway shall be occupied by the Contractor without the permission of the Railway. The Contractor shall not use, or allow to be used the site for any purposes other than that of executing the works. Whenever non-railway bodies/persons are permitted to use railway premises with competent authority's approval, conservancy charges as applicable from time to time may be levied.

**7. Assignment or Subletting of Contract:** The Contractor shall not assign or sublet the contract or any part thereof or allow any person to become interested therein in any manner whatsoever without the special permission in writing of the Chief Engineer, save as provided below. Any breach of this condition shall entitle the Railway to rescind the contract under Clause 62 of these Conditions and also render the Contractor liable for payment to the Railway in respect of any loss or damage arising or ensuing from such cancellation; provided always that execution of the details of the work by petty Contractor under the direct and personal supervision of the Contractor or his agent shall not be deemed to be sub-letting under this clause.

In case Contractor intends to subcontract part of work, he shall submit a proposal in writing seeking permission of Chief Engineer for the same. While submitting the proposal to railway, Contractor shall ensure the following:

**a. (i)** Total value of work to be assigned to sub-contractor(s) shall not be more than 50% of total contract value.

**Revised Guidelines shall be applicable as per Advance Correction Slip No. 11 to IR-SGCC Works April 2022 ( Uploaded on IREPS website along with Tender Document )**

**(ii)** The subcontractor shall have successfully completed at least one work similar to work proposed for subcontract in last 5 years, ending date of submission of proposal by Contractor to Railway, costing not less than 35% value of work to be subletted, through a works contract. For fulfillment of above, Work Experience Certificate issued by a Govt. Department/Organisation shall be considered. Further, Work Experience Certificate issued by a Public listed company shall be considered provided the company is 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, registered at least 5 years back from the date of submission of proposal by Contractor to Railway and work experience certificate issued by a person authorized by the Public Listed Company to issue such certificates.

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

In case contractor submits subcontractor's work experience certificate issued by public listed company, the contractor 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.

**(iii)** There is no banning of business with the sub-contractor in force over IR.

**b.** The Contractor shall provide to the Engineer a copy of the agreement to be entered into by Contractor with subcontractor. No subcontractor shall be permitted without a formal agreement between Contractor and subcontractor. This agreement shall clearly define the scope of work to be carried out by subcontractor and the terms of payment in clear & unambiguous manner.

**c.** On receipt of approval from Chief Engineer, Contractor shall enter into a formal agreement legally enforceable in Court of Law with subcontractor and submit a copy of the same to the Engineer.

**d.** The Contractor shall intimate to the Engineer not less than 7 days in advance, the intended date of commencement of subcontractor's work.

**e.** Once having entered into above arrangement, Contractor shall discontinue such arrangement, if he intends to do so at his own or on the instructions of Railway, with prior intimation to Chief Engineer.

**f.** The Contractor shall indemnify railway against any claim of subcontractor.

**g.** The Contractor shall release payment to the Sub-contractor(s) promptly and shall endeavour to resolve all issues amicably and speedily with the Sub-contractor(s), so that the execution of work is not affected in any manner whatsoever.

**h.** In addition to issuance of work experience certificate to Contractor, the Engineer, when, based on documents, is satisfied that subcontracted work has been carried out by subcontractor, shall issue work experience certificate to the subcontractor also for the portion of work subcontracted and successfully completed by the sub-contractor.

**Note:** Work Experience Certificate to the subcontractor shall be issued only when the contractor's work is complete and contractor is entitled for the issuance of Work Experience Certificate.

However, in the same contract, when the Chief Engineer, based on documents, is satisfied that the subcontractor has successfully carried out subletted work; without issuance of work experience certificate to subcontractor at this stage, the Chief Engineer can, only once, consider the successfully completed subletted work for the fulfillment of eligibility for further subletting of work to the subcontractor in the same contract. When the contractor's work is complete and contractor is entitled for the issuance of work experience certificate, the subcontractor shall be issued one Work Experience Certificate for the total scope of work executed by the subcontractor in the contract.

- i. The responsibility of successful completion of work by subcontractor shall lie with Contractor. Subcontracting will in no way relieve the Contractor to execute the work as per terms of the Contract.
- j. Further, in case Engineer is of the view that subcontractor's performance is not satisfactory, he may instruct the Contractor to remove the subcontractor from the work and Contractor has to comply with the above instructions with due promptness. Contractor shall intimate the actual date of discontinuation of subcontract to Engineer. No claim of Contractor whatsoever on this account shall be entertained by the Railway and this shall be deemed as 'excepted matter' (matter not arbitrable).
- k. The permitted subcontracting of work by the Contractor shall not establish any contractual relationship between the sub-contractor and the Railway and shall not relieve the Contractor of any responsibility under the Contract.

**8. Assistance by Railway for the Stores to be obtained by the Contractor:** Owing to difficulty in obtaining certain materials (including Tools & Plant) in the market, the Railway may have agreed without any liability therefore to endeavour to obtain or assist the Contractor in obtaining the required quantities of such materials as may be specified in the Tender. In the event of delay or failure in obtaining the required quantities of the aforesaid material, the Contractor shall not be deemed absolved of his own responsibility and shall keep in touch with the day to day position regarding their availability and accordingly adjust progress of works including employment of labour and the Railway shall not in any way be liable for the supply of materials or for the non-supply thereof for any reasons whatsoever nor for any loss or damage arising in consequence of such delay or non-supply.

**9. Railway Passes:** No free railway passes shall be issued by the Railway to the Contractor or any of his employee/worker.

**10. 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 therefor.

**11. Use of Ballast Trains:** The Railway may agree to allow the Contractor use of the ballast or material trains under such conditions as shall be specially prescribed, provided that the Contractor shall pay for the use thereof charges calculated at public tariff rates on the marked carrying capacity of each vehicle subject to specified minimum charge per day or part of day and provided further that the Contractor shall indemnify the Railway against any claims or damages arising out of the use or misuse thereof and against any liabilities under the Workmen's Compensation Act, 1923 or any statutory amendments thereto.

**12. Representation on Works :** The Contractor shall, when he is not personally present on the site of the works place, keep a responsible agent at the works during working hours who shall on receiving reasonable notice, present himself to the Engineer and orders given by the Engineer or the Engineer's representative to the agent shall be deemed to have the same force as if they had been given to the Contractor. Before absenting himself, the Contractor shall furnish the name and address of his agent for the purpose of this clause and failure on the part of the Contractor to comply with this provision at any time will entitle the Railway to rescind the contract under Clause 62 of these Conditions.

**13. Relics and Treasures:** All gold, silver, oil, other minerals of any description, all precious stones, coins, treasures relics antiquities and other similar things which shall be found in or upon the site shall be the property of the Railway and the Contractor shall duly preserve the same to the satisfaction of the Railway and shall from time to time deliver the same to such person or persons as the Railway may appoint to receive the same.

**14.Excavated Material:** The Contractor shall not sell or otherwise dispose of or remove except for the purpose of this contract, the sand, stone, clay ballast, earth, trees, rock or other substances or materials which may be obtained from any excavation made for the purpose of the works or any building or produced upon the site at the time of delivery of the possession thereof but all the substances, materials, buildings and produce shall be the property of the Railway provided that the Contractor may, with the permission of the Engineer, use the same for the purpose of the works either free of cost or pay the cost of the same at such rates as may be determined by the Engineer.

**15.Indemnity by Contractors:** The Contractor shall indemnify and save harmless the Railway from and against all actions, suit, proceedings, losses, costs, damages, charges, claims and demands of every nature and description brought or recovered against the Railways by reason of any act or omission of the Contractor, his agents or employees, in the execution of the works or in his guarding of the same. All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the actual loss or damage sustained, and whether or not any damage shall have been sustained.

**16. (1) Security Deposit:** The Security Deposit shall be 5% of the contract value. The Bid Security submitted by the Contractor with his tender will be retained/encashed by the Railways as part of security for the due and faithful fulfillment of the contract by the Contractor. Provided further that, if Contractor submits the Cash or Term Deposit Receipt issued from a Scheduled commercial bank of India or irrevocable Bank Guarantee Bond from a Scheduled commercial bank of India, either towards the Full Security Depositor the Part Security Deposit equal to or more than Bid Security, the Railway shall return the Bid Security, to the Contractor.

Balance of Security Deposit may be deposited by the Contractor in cash or Term Deposit Receipt issued from Scheduled commercial bank of India or irrevocable Bank Guarantee bond issued from Scheduled commercial bank of India, or may be recovered at the rate of 6% of the bill amount till the full Security Deposit is recovered. Provided also that in case of defaulting Contractor, the Railway may retain any amount due for payment to the Contractor on the pending "on account bills" so that the amounts so retained (including amount guaranteed through Performance Guarantee) may not exceed 10% of the total value of the contract.

The Irrevocable Bank Guarantee submitted towards Security deposit shall be initially valid up to the stipulated date of Maintenance period plus 60 days and shall be extended from time to time, depending upon extension of contract granted in terms of Clause 17A and 17B of the Standard General Conditions of Contract.

**Note:** Security Deposit deposited in cash by the Contractor or recovered from the running bills of a Contractor or submitted by contractor as Term Deposit Receipt(s) can be refunded/returned to the contractor, in lieu of irrevocable Bank Guarantee bond issued from scheduled commercial bank of India, to be submitted by him, for an amount equal to or more than the already available Security Deposit, provided however that, in a contract of value less than Rs. 50 Crore, such refund/ return of the already available Security Deposit is permitted up to two times and in a contract of value equal to or more than Rs. 50 Crore, such refund / return of the already available Security Deposit is permitted up to three times.

**16.(2) (i) Refund of Security Deposit:** Security Deposit mentioned in sub clause (1) above shall be returned to the Contractor along with or after, the following:

- (a) Final Payment of the Contract as per clause 51.(1) and
- (b) Execution of Final Supplementary Agreement or Certification by Engineer that Railway has No Claim on Contractor and
- (c) Maintenance Certificate issued, on expiry of the maintenance period as per clause 50.(1), in case applicable.

**16.2 (ii) Forfeiture of Security Deposit:** Whenever the contract is rescinded as a whole under clause 62(1) these condition, the Security Deposit already with railways under the contract shall be forfeited. However, in case the contract is rescinded in part or parts under clause 62 (1) of these conditions, the Security Deposit shall not be forfeited.

**16.(3)** No interest shall be payable upon the BID SECURITY and Security Deposit or amounts payable to the Contractor under the Contract, but Government Securities deposited in terms of Sub-Clause 16.(4)(b) of this clause will be payable with interest accrued thereon.

**16.(4) Performance Guarantee:-**

The procedure for obtaining Performance Guarantee is outlined below:

- (a) The successful bidder shall have to submit a Performance Guarantee (PG) within 21 (Twenty one) days from the date of issue of Letter of Acceptance (LOA). Extension of time for submission of PG beyond 21 (Twenty one) days and upto 60 days from the date of issue of LOA may be given by the Authority who is competent to sign the contract agreement. However, a penal interest of 12% per annum shall be charged for the delay beyond 21(Twenty one) days, i.e. from 22nd day after the date of issue of LOA. Further, if the 60th day

happens to be a declared holiday in the concerned office of the Railway, submission of PG can be accepted on the next working day.

In all other cases, if the Contractor fails to submit the requisite PG even after 60 days from the date of issue of LOA, the contract is liable to be terminated. In case contract is terminated railway shall be entitled to forfeit BID SECURITY Deposit and other dues payable to the contractor against that particular contract, subject to maximum of PG amount . In case a tenderer has not submitted BID SECURITY on the strength of their registration as a Startup recognized by Department of Industrial Policy and Promotion (DIPP) under Ministry of Commerce and Industry, DIPP shall be informed to this effect.

The failed Contractor shall be debarred from participating in re-tender for that work.

- (b) The successful bidder shall submit the Performance Guarantee (PG) in any of the following forms, amounting to 5% of the original contract value: **(Revised Guidelines shall be applicable as per Advance Correction Slip No. 11 to IR-SGCC Works April 2022 ( Uploaded on IREPS website along with Tender Document )**
- (i) A deposit of Cash;
  - (ii) Irrevocable Bank Guarantee;
  - (iii) Government Securities including State Loan Bonds at 5% below the market value;
  - (iv) Pay Orders and Demand Drafts tendered by any Scheduled Commercial Bank of India;
  - (v) Guarantee Bonds executed or Deposits Receipts tendered by all Scheduled Commercial Bank of India;
  - (vi) Deposit in the Post Office Saving Bank;
  - (vii) Deposit in the National Savings Certificates;
  - (viii) Twelve years National Defence Certificates;
  - (ix) Ten years Defence Deposits;
  - (x) National Defence Bonds and
  - (xi) Unit Trust Certificates at 5% below market value or at the face value whichever is less. Also, FDR in favour of FA&CAO (free from any encumbrance) may be accepted.
- (c) The Performance Guarantee shall be submitted by the successful bidder after the Letter of Acceptance (LOA) has been issued, but before signing of the contract agreement. This P.G. shall be initially valid upto the stipulated date of completion plus 60 days beyond that. In case, the time for completion of work gets extended, the Contractor shall get the validity of P.G. extended to cover such extended time for completion of work plus 60 days.
- (d) The value of PG to be submitted by the Contractor is based on original contract value and shall not change due to subsequent variation(s) in the original contract value.
- (e) The Performance Guarantee (PG) shall be released after physical completion of the work based on 'Completion Certificate' issued by the competent authority stating that the Contractor has completed the work in all respects satisfactorily.
- (f) Whenever the contract is rescinded, the Performance Guarantee already submitted for the contract shall be encashed in addition to forfeiture of Security Deposit available with railway.
- (g) The Engineer shall not make a claim under the Performance Guarantee except for amounts to which the President of India is entitled under the contract (not withstanding and/or without prejudice to any other provisions in the contract agreement) in the event of:
- (i) Failure by the Contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Engineer may claim the full amount of the Performance Guarantee.
  - (ii) Failure by the Contractor to pay President of India any amount due, either as agreed by the Contractor or determined under any of the Clauses/Conditions of the Agreement, within 30 days of the service of notice to this effect by Engineer.
  - (iii) The Contract being determined or rescinded under clause 62 of the condition.
- (h) **New Para to SGCC Works April, 2022 :-** If a tender is accepted on the quoted rates of bidder which is below the advertised tender value, an additional performance security shall be submitted by the bidder as below:-

Bid quoted in % of advertised cost	Additional Performance Guarantee (%)
Below 0 – 5% ( inclusive)	Nil
Below 5%	5%

**( As per Advance Correction Slip No. 11 to IR-SGCC Works April 2022)**

**17.Force Majeure Clause:** If at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract shall be prevented or delayed by reason of any war, hostility, acts of public enemy, civil commotion, sabotage, serious loss or damage by fire, explosions, epidemics/pandemics, strikes, lockouts or acts of God (hereinafter, referred to events) provided, notice of the happening of any such event is given by either party to the other within 30 days from the date of occurrence thereof, neither party shall by reason of such event, be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such non-performance or delay in performance, and works under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist, and the decision of the Engineer as to whether the works have been so resumed or not shall be final and conclusive, PROVIDED FURTHER that if the performance in whole or in part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 120 days, either party may at its option terminate the contract by giving notice to the other party.

**17A Extension of Time in Contracts:** Subject to any requirement in the contract as to completion of any portion or portions of the works before completion of the whole, the Contractor shall fully and finally complete the whole of the works comprised in the contract (with such modifications as may be directed under conditions of this contract) by the date entered in the contract or extended date in terms of the following clauses:

- (i) Extension due to Modification:** If any modifications have been ordered which in the opinion of the Engineer have materially increased the magnitude of the work, then such extension of the contracted date of completion may be granted as shall appear to the Engineer to be reasonable in the circumstances, provided moreover that the Contractor shall be responsible for requesting such extension of the date as may be considered necessary as soon as the cause thereof shall arise.
- (ii) Extension for Delay not due to Railway or Contractor:** If in the opinion of the Engineer, the progress of work has any time been delayed by any act or neglect of Railway's employees or by other Contractor employed by the Railway under Sub-Clause(4) of Clause 20 of these Conditions or in executing the work not forming part of the contract but on which Contractor's performance necessarily depends or by reason of proceeding taken or threatened by or dispute with adjoining or to neighboring owners or public authority arising otherwise through the Contractor's own default etc. or by the delay authorized by the Engineer pending arbitration or in consequences of the Contractor not having received in due time necessary instructions from the Railway for which he shall have specially applied in writing to the Engineer or his authorized representative then upon happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Engineer within 15 days of such happening, but shall nevertheless make constantly his best endeavors to bring down or make good the delay and shall do all that may be reasonably required of him to the satisfaction of the Engineer to proceed with the works. The Contractor may also indicate the period for which the work is likely to be delayed and shall be bound to ask for necessary extension of time.
- (iii) Extension for Delay due to Railways:** In the event of any failure or delay by the Railway to hand over the Contractor possession of the lands necessary for the execution of the works or to give the necessary notice to commence the works or to provide the necessary drawings or instructions or any other delay caused by the Railway due to any other cause whatsoever, then such failure or delay shall in no way affect or vitiate the contract or alter the character thereof or entitle the Contractor to damages or compensation therefor, but in any such case, the Railway may grant such extension or extensions of the completion date as may be considered reasonable.  
The Contractor shall indicate the period for which the work is likely to be delayed and shall seek extension of time as may be considered necessary under clause 17A(i) or/and 17A(ii) or/ and 17A(iii) above, as soon as the cause thereof shall arise and, in any case, not less than 15 days before the expiry of the date fixed for completion of the works. The Engineer shall consider the same and shall grant and communicate such extension of time as in his opinion is reasonable having regard to the nature and period of delay and the type and quantum of work affected thereby. No other compensation shall be payable for works so carried forward to the extended period of time; the same rates, terms and conditions of contract being applicable, as if such extended period of time was originally provided in the original contract itself. The non-submission of request for extension or submission of request within less than 15 days before the expiry of the date fixed for completion of the works, shall make him ineligible for extension under these sub clauses, subject to final decision of Engineer.

**17B Extension of Time with Liquidated Damages (LD) for delay due to Contractor:** The time for the execution of the work or part of the works specified in the contract documents shall be deemed to be the essence of the contract and the works must be completed not later than the date(s) as specified in the contract. If the Contractor fails to complete the works within the time as specified in the contract for the reasons other than the reasons specified in Clause 17 and 17-A, the Railway may, if satisfied that the works can be completed by the Contractor within reasonable short time thereafter, allow the Contractor for further extension of time (Proforma at Annexure-VII) as the Engineer may decide. On such extension the Railway will be entitled without prejudice to any other right and remedy available on that behalf, to recover from the Contractor as agreed damages and not by way of penalty for each week or part of the week, a sum calculated at the rate of Liquidated Damages as decided by Engineer, between 0.05% to 0.30% of contract value of the works for each week or part of the week.

For the purpose of this Clause, the contract value of the works shall be taken as value of work as per contract agreement including any supplementary work order/contract agreement issued. Provided also, that the total amount of liquidated damages under this condition shall not exceed 5% of the contract value or of the total value of the item or groups of items of work for which a separate distinct completion period is specified in the contract.

Provided further, that if the Railway is not satisfied that the works can be completed by the Contractor and in the event of failure on the part of the contractor to complete the work within further extension of time allowed as aforesaid, the Railway shall be entitled without prejudice to any other right or remedy available in that behalf, to appropriate the contractor's Security Deposit and rescind the contract under Clause 62 of these Conditions, whether or not actual damage is caused by such default.

**NOTE:**

In a contract, where extension(s) of time have been allowed once under clause 17B, further request(s) for extension of time under clause 17A can also be considered under exceptional circumstances. Such extension(s) of time under clause 17A shall be without any Liquidated damages, but the Liquidated damages already recovered during extension(s) of time granted previously under clause 17B shall not be waived. However, Price variation during such extension(s) shall be dealt as applicable for extension(s) of time under clause 17B.

**17C Bonus for Early Completion of Work:** In case of open tenders having advertised value more than Rs 50 crore and original period of completion 12 months or more, when there is no reduction in original scope of work by more than 10%, and no extension granted on either railway or Contractor's account, Contractor shall be entitled for a bonus of 1% for each 30 days early completion of work. The period of less than 30 days shall be ignored while working out bonus. The maximum bonus shall be limited to 5% of original contract value. The completion date shall be reckoned as the date of issuance of completion certificate by engineer.

**18.(1) Illegal Gratification:** Any bribe, commission, gift or advantage given, promised or offered by or on behalf of the Contractor or his partner or agent or servant or anyone on his behalf, to any officer or employee of the Railway or to any person on his behalf in relation to obtaining or execution of this or any other contract with the Railway shall, in addition to any criminal liability which he may incur, subject Contractor to the rescission of the contract and all other contracts with the Railway and to the payment of any loss or damage resulting from such decision and the Railway shall be entitled to deduct the amounts so payable from the Contractor's bills/Security Deposit or any other dues of Contractor with the Government of India.

**(Revised Guidelines shall be applicable as per Advance Correction Slip No. 11 to IR-SGCC Works April 2022 ( Uploaded on IREPS website along with Tender Document ) )**

**18 (2)** The Contractor shall not lend or borrow from or have or enter into any monetary dealings or transactions either directly or indirectly with any employee of the Railway and if he shall do so, the Railway shall be entitled forthwith to rescind the contract and all other contracts with the Railway. Any question or dispute as to the commission of any such offence or compensation payable to the Railway under this Clause shall be settled by the General Manager of the Railway, in such a manner as he shall consider fit & sufficient and his decision shall be final & conclusive. In the event of rescission of the contract under this Clause, the Contractor will not be paid any compensation whatsoever except payments for the work done upto the date of rescission.

**(Revised Guidelines shall be applicable as per Advance Correction Slip No. 11 to IR-SGCC Works April 2022 (Uploaded on IREPS website along with Tender Document)**

## **EXECUTION OF WORKS**

**19. (1) Contractor's understanding:** It is understood and agreed that the Contractor has, by careful examination, satisfied himself as to the nature and location of the work, the conformation of the ground, the character, quality and quantity of the materials to be encountered, the character of equipment and facilities needed preliminary to and during the progress of the works, the general and local conditions, the labour conditions prevailing therein and all other matters which can in any way affect the works under the contract.

**19.(2) Commencement of Works:** The Contractor shall commence the works within 15 days after the receipt by him of an order in writing to this effect from the Engineer and shall proceed with the same with due expedition and without delay.

**19.(3) Accepted Programme of Work:** The Contractor who has been awarded the work shall as soon as possible but not later than 30 days after the date of receipt of the acceptance letter in respect of contracts with initial completion period of two years or less or not later than 90 days for other contracts have to submit the detailed programme of work indicating the time schedule of various items of works in the form of Bar Chart/PERT/CPM. He shall also submit the details of organization (in terms of labour and supervisors), plant and machinery that he intends to utilize (from time to time) for execution of the work within stipulated date of completion. The programme of work amended as necessary by discussions with the Engineer, shall be treated as the agreed programme of the work for the purpose of this contract and the Contractor shall endeavor to fulfill this programme of work. The progress of work will be watched accordingly and the liquidated damages will be with reference to the overall completion date. Nothing stated herein shall preclude the Contractor in achieving earlier completion of item or whole of the works than indicated in the programme.

In Contracts for works of New Line/Gauge Conversion/Doubling/Railway Electrification, finalized through Tenders having advertised value more than Rs.100 crores, the Contractor shall submit a detailed time programme to the Engineer within 30 days after issue of LOA. The program shall include the physical and Financial Progress vis-à-vis program and forecast cash flow adopting Project Management Software such as Primavera/Sure Track/MS Project etc. The program must identify the milestones, interface requirements and program reporting elements. The Contractor shall supply, free of cost one set of authorized software to the Engineer and the soft copy of structured program for the project. This shall be updated every month. The Contractor shall also submit a revised programme whenever the previous programme is inconsistent with actual progress. Each programme shall include:

The order in which the Contractor intends to carry out the Works, including the anticipated timing of each stage, Contractor's Documents, procurement, manufacture of Plant, delivery to Site, construction, erection and testing, each of these stages for work by each Subcontractor, if any, the sequence and timing of inspections and tests specified in the Contract, and a supporting report which includes:

a general description of the methods which the Contractor intends to adopt, and of the major stages, in the execution of the Works, and

details showing the Contractor's reasonable estimate for the number of each class of Contractor's Personnel & Equipment, required on the Site for each major stage.

Unless the Engineer, within 21 days after receiving a programme, gives notice to the Contractor stating the extent to which it does not comply with the Contract, the Contractor shall proceed in accordance with the programme, subject to his other obligations under the Contract. The Engineer shall be entitled to rely upon the programme when planning their activities.

If, at any time, the Engineer gives notice to the Contractor that a programme fails (to the extent stated) to comply with the Contract or to be consistent with actual progress and the Contractor's stated intentions, the Contractor shall submit a revised programme to the Engineer within 15 days in accordance with this Sub-Clause.



**19.(4) Setting out of Works:** The Contractor shall be responsible for the correct setting out of all works in relation to original points, lines and levels of reference at his cost. The Contractor shall execute the work true to alignment, grade, levels and dimensions as shown in the drawing and as directed by the Engineer's representative and check these at frequent intervals. The Contractor shall provide all facilities like labour and instruments and shall co-operate with the Engineer's representative for checking of all alignment, grades, levels and dimensions. If, at any time, during the progress of the works any error appear or arise in any part of the work, the Contractor, on being required so to do by the Engineer's representative shall, at his own cost rectify such errors, to the satisfaction of the Engineer's representative.

Such checking shall not absolve the Contractor of his own responsibility of maintaining accuracy in the work. The Contractor shall carefully protect and preserve all bench marks, sight rails, pegs and other things used in setting out the work.

**20.(1) Compliance to Engineer's Instructions:** The Engineer shall direct the sequence in which the several parts of the works shall be executed and the Contractor shall execute without delay all orders given by the Engineer from time to time; but the Contractor shall not be relieved thereby from responsibility for the due performance of the works in all respects.

**20.(2) Alterations to be Authorized:** No alterations in or additions to or omissions or abandonment of any part of the works shall be deemed authorized, except under written instructions from the Engineer. The Contractor shall be responsible to obtain such instructions in each and every case in writing from the Engineer.

**20.(3) Extra Works:** Should works over and above those included in the contract require to be executed at the site, the Contractor shall have no right to be entrusted with the execution of such works which may be carried out by another Contractor or Contractors or by other means at the option of the Railway.

**20.(4) Separate Contracts in Connection with Works:** The Railway shall have the right to let other contracts in connection with the works. The Contractor shall afford other Contractors reasonable opportunity for the storage of their materials and the execution of their works and shall properly connect and coordinate his work with theirs. If any part of the Contractor's work depends upon proper execution or result upon the work of another Contractor(s), the Contractor shall inspect and promptly report to the Engineer any defects in such works that render it unsuitable for such proper execution and results. The Contractor's failure so-to inspect and report shall constitute an acceptance of the other Contractor's work as fit and proper for the reception of his work, except as to defects which may develop in the other Contractor's work after the execution of his work.

**21. Instruction of Engineer's Representative:** Any instructions or approval given by the Engineer's representative to Contractor in connection with the works shall bind the Contractor as though it had been given by the Engineer provided always as follows:

(a) Failure of the Engineer's representative to disapprove any work or materials shall not prejudice the power of the Engineer thereafter to disapprove such work or material and to order the removal or breaking up thereof.

(b) If the Contractor shall be dissatisfied by reason of any decision of the Engineer's representative, he shall be entitled to refer the matter to the Engineer who shall there upon confirm or vary such decision.

**22.(1) Adherence to Specifications and Drawings:** The site and the detailed drawings shall be made available to the contractor commensurate with the accepted programme of work submitted under clause 19(3). The whole of the works shall be executed in perfect conformity with the specifications and drawings of the contract. If Contractor performs any works in a manner contrary to the specifications or drawings or any of them and without such reference to the Engineer, he shall bear all the costs arising or ensuing therefrom and shall be responsible for all loss to the Railway.

**22.(2) Drawings and Specifications of the Works:** The Contractor shall keep one copy of Drawings and Specifications at the site, in good order, and such contract documents as may be necessary, available to the Engineer or the Engineer's Representative.

**22.(3) Ownership of Drawings and Specifications:** All Drawings and Specifications and copies thereof furnished by the Railway to the Contractor are deemed to be the property of the Railway. They shall not be used on other works and with the exception of the signed contract set, shall be returned by the Contractor to the Railway on completion of the work or termination of the Contract.

**22.(4) Compliance with Contractor's Request for Details:** The Engineer shall furnish with reasonable promptness, after receipt by him of the Contractor's request, additional instructions by means of drawings or otherwise, necessary for the proper execution of the works or any part thereof. All such drawings and instructions shall be consistent with the Contract Documents and reasonably inferable there from.

**22.(5) Meaning and Intent of Specification and Drawings:** If any ambiguity arises as to the meaning and intent of any portion of the Specifications and Drawings or as to execution or quality of any work or material, or as to the measurements of the works the decision of the Engineer thereon shall be final subject to the appeal (within 7 days of such decision being intimated to the Contractor) to the Chief Engineer who shall have the power to correct any errors, omissions, or discrepancies in aforementioned items and whose decision in the matter in dispute or doubt shall be final and conclusive.

**23. Working during Night:** The Contractor shall not carry out any work between sun-set and sun-rise without the previous permission of the Engineer. However, if the Engineer is satisfied that the work is not likely to be completed in time except by resorting to night work, he may order the same without confirming any right on the Contractor for claiming any extra payment for the same.

**24. Damage to Railway Property or Private Life and Property:** The Contractor shall be responsible for all risk to the work and for trespass and shall make good at his own expense all loss or damage whether to the works themselves or to any other property of the Railway or the lives, persons or property of others from whatsoever cause in connection with the works until they are taken over by the Railway, although all reasonable and proper precautions may have been taken by the Contractor. In case the Railway shall be called upon to make good any costs, loss or damages, or to pay any compensation, including that payable under the provisions of the Workmen's Compensation Act or any statutory amendments thereof to any person or persons sustaining damages as aforesaid by reason of any act, or any negligence or omissions on the part of the Contractor; the amount of any costs or charges including costs and charges in connection with legal proceedings, which the Railway may incur in reference thereto, shall be charged to the Contractor. The Railway shall have the power and right to pay or to defend or compromise any claim of threatened legal proceedings or in anticipation of legal proceedings being instituted consequent on the action or default of the Contractor, to take such steps as may be considered necessary or desirable to ward off or mitigate the effect of such proceedings, charging to Contractor, as aforesaid; any sum or sums of money which may be paid and any expenses whether for reinstatement or otherwise which may be incurred and the propriety of any such payment, defence or compromise, and the incurring of any such expenses shall not be called in question by the Contractor.

**25. Sheds, Storehouses and Yards:** The Contractor shall at his own expense provide himself with sheds, storehouses and yards in such situations and in such numbers as in the opinion of the Engineer is requisite for carrying on the works and the Contractor shall keep at each such sheds, storehouses and yards a sufficient quantity of materials and plant in stock as not to delay the carrying out of the works with due expedition and the Engineer and the Engineer's representative shall have free access to the said sheds, store houses and yards at any time for the purpose of inspecting the stock of materials or plant so kept in hand, and any materials or plant which the Engineer may object to shall not be brought upon or used in the works, but shall be forthwith removed from the sheds, storehouses or yards by the Contractor. The Contractor shall at his own expenses provide and maintain suitable mortar mills, soaking vats or any other equipments necessary for the execution of the works.

**26. Provision of Efficient and Competent Staff at Work Sites by the Contractor:**

**26.1** The Contractor shall place and keep on the works at all times efficient and competent staff to give the necessary directions to his workmen and to see that they execute their work in sound & proper manner and shall employ only such supervisors, workmen & labourers in or about the execution of any of these works as are careful and skilled in the various trades.

**26.2** The Contractor shall at once remove from the works any agents, permitted sub-contractor, supervisor, workman or labourer who shall be objected to by the Engineer and if and whenever required by the

Engineer, he shall submit a correct return showing the names of all staff and workmen employed by him.

**26.3** In the event of the Engineer being of the opinion that the Contractor is not employing on the works a sufficient number of staff and workmen as is necessary for proper completion of the works within the time prescribed, the Contractor shall forthwith on receiving intimation to this effect deploy the additional number of staff and labour as specified by the Engineer within seven days of being so required and failure on the part of the Contractor to comply with such instructions will entitle the Railway to rescind the contract under Clause 62 of these conditions.

**26A. Deployment of Qualified Engineers at Work Sites by the Contractor:**

**26A.1** The Contractor shall also employ qualified Graduate Engineer(s) or equivalent, or qualified Diploma Engineer(s), for the execution of the Tendered work .

**26A.2** In case the Contractor fails to employ the Engineer, as aforesaid in Para 26A.1, he shall be liable to pay liquidated damages at the rates, as prescribed in the tender documents.

**26A.3** No. of qualified Engineers required to be deployed by the Contractor for various activities contained in the works will be as per the instructions of the Engineer's representative at workplace where work is to be executed and the contractor shall have to comply with the instructions .

**27.(1) Workmanship and Testing:** The whole of the works and/or supply of materials specified and provided in the contract or that may be necessary to be done in order to form and complete any part thereof shall be executed in the best and most substantial workman like manner with materials of the best and most approved quality of their respective kinds, agreeable to the particulars contained in or implied by the specifications and as referred to in and represented by the drawings or in such other additional particulars, instructions and drawings given during the carrying on of the works and to the entire satisfaction of the Engineer according to the instructions and directions which the Contractors may from time to time receive from the Engineer. The materials may be subjected to tests by means of such machines, instruments and appliances as the Engineer may direct and wholly at the expense of the Contractor.

**27. (2) Removal of Improper Work and Materials:** The Engineer or the Engineer's Representative shall be entitled to order from time to time:

(a) The removal from the site, within the time specified in the order, of any materials which in his opinion are not in accordance with the specifications or drawings.

(b) The substitution of proper and suitable materials, and

(c) the removal and proper re-execution, notwithstanding any previous tests thereof or on account payments therefor, of any work which in respect of materials or workmanship is not in his opinion in accordance with the specifications and in case of default on the part of the Contractor in carrying out such order, the Railway shall be entitled to rescind the contract under Clause 62 of these conditions.

(d) The provision of Construction and Demolition Waste Management Rule 2016 issued by Ministry of Environment Forest and Climate Change dated 29.03.2016 and published in the Gazette of India, Part – II, Section -3, Sub-section (ii) are binding upon the Contractor. Contractor shall implement these provisions at worksites, for which no extra payment will be payable.

**28. Facilities for Inspection:** The Contractor shall afford the Engineer and the Engineer's Representative every facility for entering in and upon every portion of the work at all hours for the purpose of inspection or otherwise and shall provide all labour, materials, planks, ladders, pumps, appliances and things of every kind required for the purpose and the Engineer and the Engineer's Representative shall at all times have free access to every part of the works and to all places at which materials for the works are stored or being prepared.

**29. Examination of Work before Covering Up:** The Contractor shall give 7 days' notice to the Engineer or the Engineer's Representative whenever any work or materials are intended to be covered up in the earth, in bodies or walls or otherwise to be placed beyond the reach of measurements in order that the work may be inspected or that correct dimensions may be taken before being so covered, placed beyond the reach of measurement in default whereof, the same shall at the option of the Engineer or the Engineer's Representative be uncovered and measured at the Contractor's expense or no allowance shall be made for such work or materials.

**30. Temporary Works:** All temporary works necessary for the proper execution of the works shall be provided and maintained by the Contractor and subject to the consent of the Engineer shall be removed by him at his expenses when they are no longer required and in such manner as the Engineer shall direct. In the event of failure on the part of the Contractor to remove the temporary works, the Engineer will cause them to be removed and cost as increased by supervision and other incidental charges shall be recovered from the Contractor. If temporary huts are provided by the Contractor on the Railway land for labour engaged by him for the execution of works, the Contractor shall arrange for handing over vacant possession of the said land after the work is completed; if the Contractor's labour refuse to vacate, and have to be evicted by the Railway, necessary expenses incurred by the Railway in connection therewith shall be borne by the Contractor.

**31. (1) Contractor to Supply Water for Works:** Unless otherwise provided in the Contract, the Contractor shall be responsible for the arrangements to obtain supply of water necessary for the works.

**.31.(2) Water Supply from Railway System (if required by the contractor) :** The Railway may supply to the Contractor part or whole of the quantity of the water required for the execution of works from the Railway's existing water supply system at or near the site of works on specified terms and conditions and at such charges as shall be determined by the Railway and payable by the Contractor, provided that the Contractor shall arrange, at his own expense, to effect the connections and lay additional pipelines and accessories on the site and that the Contractor shall not be entitled to any compensation for interruption of failure of the water supply.

**31.(3) Water Supply by Railway Transport:** In the event of the Railway arranging supply of water to the Contractor at or near the site of works by travelling water tanks or other means, the freight and other charges incurred thereby, including demurrage charges that may be levied, shall be paid by the Contractor in addition to the charges referred to in Sub-Clause (2) of the Clause provided that the Contractor shall not be entitled to any compensation for interruption or failure of the water supply.

**31.(4)(a) Contractor to Arrange Supply of Electric Power for Works:** The Contractor shall be responsible for arrangements to obtain supply of Electric Power for the works.

**(b) Electric Supply from the Railway System (if required by the contractor):** The Railway may supply to the Contractor part or whole of the electric power wherever available and possible, required for execution of works from the Railway's existing electric supply systems at or near the site of works on specified terms and conditions and such charges as shall be determined by the Railway and payable by the Contractor provided the cost of arranging necessary connections to the Railway's Electric Supply systems and laying of underground/overhead conductor, circuit protection, electric power meters, transmission structure, shall be borne by the Contractor and that the Contractor shall not be entitled to any compensation for interruption or failure of the Electric supply system.

**32. Property in Materials and Plant:** The materials and plant brought by the Contractor upon the site or on the land occupied by the Contractor in connection with the works and intended to be used for the execution thereof shall immediately be deemed to be the property of the Railway. Such of them as during the progress of the works are rejected by the Engineer under Clause 25 of these conditions or are declared by him not to be needed for the execution of the works or such as on the grant of the certificate of completion remain unused shall immediately on such rejection, declaration or grant cease to be deemed the property of the Railway and the Contractor may then (but not before) remove them from the site or the said land. This clause shall not in any way diminish the liability of the Contractor nor shall the Railway be in any way answerable for any loss or damage which may happen to or in respect of any such materials or plant either by the same being lost, stolen, injured or destroyed by fire, tempest or otherwise.

**33. (1) Tools, Plant and Materials Supplied by Railway:** The Contractor shall take all reasonable care of all tools, plant and materials or other property whether of a like description or not belonging to the Railway and committed to his charge for the purpose of the works and shall be responsible for all damage or loss caused by him, his agents, permitted sub-contractor, or his workmen or others while they are in his charge. The Contractor shall sign accountable receipts for tools, plants and materials made over to him by the Engineer and on completion of the works shall hand over the unused balance of the same to the Engineer in good order and repair, fair wear and tear excepted, and shall be responsible for any failure to account for the same or any damage done thereto.

**33.(2) Hire of Railway's Plant:-** The Railway may hire to the Contractor such plant as concrete mixers, compressors and portable engines for use during execution of the works on such terms as may be specified in the special conditions or in a separate agreement for Hire of Plant.

**34. (1) Precaution During Progress of Works:** During the execution of works, unless otherwise specified, the Contractor shall at his own cost provide the materials for and execute all shoring, timbering and strutting works as is necessary for the stability and safety of all structures, excavations and works and shall ensure that no damage, injury or loss is caused or likely to be caused to any person or property. correction slip

**34.(2) Roads and Water Courses:** Existing roads or water courses shall not be blocked cut through, altered, diverted or obstructed in any way by the Contractor, except with the permission of the Engineer. All compensations claimed for any unauthorized closure, cutting through, alteration, diversion or obstruction to such roads or water courses by the Contractor or his agent or his staff shall be recoverable from the Contractor's bills/Security Deposit or any other dues of Contractor with the Government of India.

**34.(3) Provision of Access to Premises:** During progress of work in any street or thoroughfare, the Contractor shall make adequate provision for the passage of traffic, for securing safe access to all premises approached from such street or thoroughfare and for any drainage, water supply or means of lighting which may be interrupted by reasons of the execution of the works and shall erect and maintain at his own cost barriers, lights and other safeguards as prescribed by the Engineer, for the regulation of the traffic, and provide watchmen necessary to prevent accidents. The works shall in such cases be executed night and day, if so ordered by the Engineer and with such vigour so that the traffic way be impeded for as short a time as possible.

**34.(4) Safety of Public:** The Contractor shall be responsible to take all precautions to ensure the safety of the public whether on public or railway property and shall post such look out men as may, in the opinion of the Engineer, be required to comply with regulations appertaining to the work. Contractor shall ensure placement of barricading / partitions at the place of work to ensure safety of habitants of adjacent area, failing which Engineer may advise stoppage of work as per his discretion.

**34.(5) Display Board:** The Contractor shall be responsible for displaying the details of works i.e. name of work, approximate cost, expected date of completion, name and address of the Contractor and address of Engineer on a proper steel Board of size not less than 1m x 1m.

**35. Use of Explosives:** Explosives shall not be used on the works or on the site by the Contractor without the permission of the Engineer and then also only in the manner and to the extent to which such permission is given. Where explosives are required for the works, they shall be stored in a special magazine to be provided by and at the cost of the Contractor in accordance with the Explosive Rules. The Contractor shall obtain the necessary license for the storage and the use of explosives. All operations in which or for which explosives are employed shall be at the sole risk and responsibility of the Contractor and the Contractor shall indemnify the Railway in respect thereof.

**36.(1) Suspension of Works:** The Contractor shall on the order of the Engineer, suspend the progress of the works or any part thereof for such time or times and in such manner as the Engineer may consider necessary and shall during such suspension properly protect and secure the work so far as is necessary in the opinion of the Engineer. If such suspension is:

- (a) Provided for in the contract, or
- (b) Necessary for the proper execution of the works or by the reason of weather conditions or by some default on the part of the Contractor, and or
- (c) Necessary for the safety of the works or any part thereof.
- (d) Necessary for the safety of adjoining public or other property or safety of the public or workmen or those who have to be at the site, or
- (e) Necessary to avoid disruption of traffic and utilities, as also to permit fast repair and restoration of any damaged utilities, or
- (f) Due to instruction of The National Green Tribunal or any other statutory authority due to high level of pollution in the city of worksite.

**36.(2)** The Contractor shall not be entitled to the extra costs, if any, incurred by him during the period of suspension of the works, but in the event of any suspension ordered by the Engineer for reasons other than aforementioned and when each such period of suspension exceeds 14 days, the Contractor shall be entitled to such extension of time for completion of the works as the Engineer may consider proper having regard to the period or periods of such suspensions and to such compensations as the Engineer may consider reasonable in respect of salaries or wages paid by the Contractor to his employees during the periods of such suspension.

**36.(3) Suspension Lasting More than 3 Months:** If the progress of the works or any part thereof is suspended on the order of the Engineer for more than three months at a time, the Contractor may serve a written notice on the Engineer requiring permission within 15 days from the receipt thereof to proceed with the works or that part thereof in regard to which progress is suspended and if such permission is not granted within that time the Contractor by further written notice so served may, but is not bound to, elect to treat the suspension where it affects part only of the works as an omission of such part or where it affects the whole of the works, as an abandonment of the contract by the Railway.

**37. Rates for Items of Works:**

(i) The rates, entered in the accepted Bill(s) of Quantities of the Contract are intended to provide for works duly and properly completed in accordance with the General and Special (if any) Conditions of the Contract and the Specifications and drawings together with such enlargements, extensions, diminutions, reductions, alterations or additions as may be ordered in terms of Clause 42 of these conditions and without prejudice to the generality thereof and shall be deemed to include and cover superintendence and labour, supply, including full freight of materials, stores, patterns, profiles, moulds, fittings, centerings, scaffolding, shoring props, timber, machinery, barracks, tackle, roads, pegs, posts, tools and all apparatus and plant required on the works, except such tools, plant or materials as may be specified in the contract to be supplied to the Contractor by the Railway, the erection, maintenance and removal of all temporary works and buildings, all watching, lighting, bailing, pumping and draining, all prevention of or compensation for trespass, all

barriers and arrangements for the safety of the public or of employees during the execution of works, all sanitary and medical arrangements for labour camps as may be prescribed by the Railway, the setting of all work and of the construction, repair and upkeep of all centre lines, bench marks and level pegs thereon, site clearance, all fees duties, royalties, rent and compensation to owners for surface damage or taxes and impositions payable to local authorities in respect of land, structures and all material supplied for the work or other duties or expenses for which the Contractor may become liable or maybe put to under any provision of law for the purpose of or in connection with the execution of the contract and all such other incidental charges or contingencies as may have been specially provided for in the Specifications.

However, if rates of existing GST or cess on GST for Works Contract is increased or any new tax /cess on Works Contract is imposed by Statute after the date of opening of tender but within the original date of completion/date of completion extended under clause 17 & 17A and the Contractor thereupon properly pays such taxes/cess, the Contractor shall be reimbursed the amount so paid.

Further, if rates of existing GST or cess on GST for Works Contract is decreased or any tax/cess on Works Contract is decreased / removed by Statute after the date of opening of tender, the reduction in tax amount shall be recovered from Contractor's bills/Security Deposit or any other dues of Contractor with the Government of India.

**38. Demurrage and Wharfage Dues:** Demurrage charges calculated in accordance with the scale in force for the time being on the Railway and incurred by the Contractor failing to load or unload any goods or materials within the time allowed by the Railway for loading as also wharfage charges, of materials not removed in time, as also charges due on consignments booked by or to him shall be paid by the Contractor, failing which such charges shall be debited to the Contractor's account in the hands of the Railway and shall be deducted from any sums which may become due to him in terms of the contracts.

**39. (1) Rates for Extra Item(s) of Works:**

**(a) Standard Schedule of Rates (SSOR) Items:** Any item of work carried out by the Contractor on the instructions of the Engineer which is not included in the accepted Bill(s) of Quantities but figures in the Standard Schedule of Rates (SSOR), shall be executed at the rates set forth in the "Standard Schedule of Rates (SSOR)" modified by the tender percentage as accepted in the contract for that chapter of Standard Schedule of Rates (SSOR).

For item(s) not covered in this sub clause, the rate shall be decided as agreed upon between the Engineer and the Contractor before the execution of such items of work as per sub clause (b).

**(b) Other Items:** For any item of work to be carried out by the Contractor but not included in the accepted Bill(s) of Quantities and also not covered under sub clause (a) above, the Contractor shall be bound to notify the Engineer at least seven days before the necessity arises for the execution of such items of works that the accepted Bill(s) of Quantities does not include rate or rates for such extra work involved. The rates payable for such items shall be decided at the meeting to be held between the Engineer and Contractor, in as short a period as possible after the need for the special item has come to the notice. In case the Contractor fails to attend the meeting after being notified to do so or in the event of no settlement being arrived at, the Railway shall be entitled to execute the extra works by other means and the Contractor shall have no claim for loss or damage that may result from such procedure.

The assessment of rates for extra item(s) shall be arrived at based on the prevailing market rates of labour, machinery & materials and by taking guidance from the following documents in order of priority:

- i. Analysis of Rates for "Unified Standard Schedule of Rates of Indian Railways (USSOR)"
- ii. Analysis of Rates for "Delhi Schedule of Rates issued by CPWD (DSR)"
- iii. Market Analysis .

**39.(2)** Provided that if the Contractor commences work or incurs any expenditure in regard thereto before the rates as determined and agreed upon as lastly here unto fore-mentioned, then and in such a case the Contractor shall only be entitled to be paid in respect of the work carried out or expenditure incurred by him prior to the date of determination of the rates as aforesaid according to the rates as shall be fixed by the Engineer. However, if the Contractor is not satisfied with the decision of the Engineer in this respect, he may appeal to the Chief Engineer within 30 days of getting the decision of the Engineer, supported by analysis of the rates claimed. The Chief Engineer's decision after hearing both the parties in the matter would be final and binding on the Contractor and the Railway.

**40. (1) Handing over of Works:** The Contractor shall be bound to hand over the works executed under the contract to the Railway complete in all respects to the satisfaction of the Engineer. The Engineer shall determine the date on which the work is considered to have been completed, in support of which his certificate shall be regarded as sufficient evidence for all purposes. The Engineer shall determine from time to time, the date on which any particular section of the work shall have been completed, and the Contractor shall be bound to observe any such determination of the Engineer.

**40.(2) Clearance of Site on Completion:** On completion of the works, the Contractor shall clear away and remove from the site all constructional plant, surplus materials, rubbish and temporary works of every kind and leave the whole of the site and works clean and in a workman like condition to the satisfaction of the Engineer. No final payment in settlement of the accounts for the works shall be paid, held to be due or shall be made to the Contractor till, in addition to any other condition necessary for final payment, site clearance shall have been affected by him, and such clearance may be made by the Engineer at the expense of the Contractor in the event of his failure to comply with this provision within 7 days after receiving notice to that effect. Should it become necessary for the Engineer to have the site cleared at the expenses of the Contractor, the Railway shall not be held liable for any loss or damage to such of the Contractor's property as may be on the site and due to such removal there from which removal may be affected by means of public sales of such materials and property or in such a way as deemed fit and convenient to the Engineer.

**40A. Offloading of Part(s) of Work:** At the final stage of completion/ commissioning of work, in case the contractor fails to complete the final part(s) of the work and the value of such part(s) of the work is limited to 5% of the original contract value, the Engineer may allow/decide for offloading of such part(s) of works, either after the Contractor's request in writing to do so or after serving a 14 (Fourteen) days suo-moto notice (as per annexure-VIIA), if the Engineer is of the opinion that :-

(i) Such Offloading of works (up to 5% of original contract value) would enable successful completion of contract/work,

(ii) Termination/ Part termination of the contract at this stage is not be in the interest of the Railway/work;, and

(iii) The anticipated additional cost for execution of such works through other mode would not be substantial and can be recovered from the pending dues of the contractor;

The Contractor shall be informed, in due course, by the Engineer of the mode and cost of execution of such offloaded work through other agency(ies) (as per annexure-VIIB). The extra expenditure so incurred in execution of the offloaded work, shall be recovered from subsequent Bill(s) or any other dues of the Contractor, but not exceeding the value of Performance Guarantee available in the contract. There shall be no other repercussion of such offloading on execution of the balance contract. The Contractor shall have no claim on account of above mentioned offloading of works.

### **VARIATIONS IN EXTENT OF CONTRACT**

**41. 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.

**42.(1) Powers of Modification to Contract:** The Engineer 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.

**42. (2) (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 earthwork items , the variation limit of 25% shall apply to the gross quantity of earthwork items and variation in the quantities of individual classifications of soil shall not be subject to this limit.

**(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).

- 42. (3) Valuation of Variations:** The enlargements, extensions, diminution, reduction, alterations or additions referred to in Sub-Clause (2) of this Clause 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 provisions of Sub-Clause (2) above shall be paid for at the rates determined under Clause-39 of these Conditions.

### **CLAIMS**

**43. (1) Quarterly Statement of Claims:** The Contractor shall prepare and furnish to the Engineer once in every quarter commencing from the month following the month of issue of Letter of Acceptance, an account giving full and detailed particulars of all claims for any additional expenses to which the Contractor may consider himself entitled to and of all extra or additional works ordered by the Engineer which he has executed during the preceding quarter and no claim for payment for such work will be considered which has not been included in such particulars.

**43 (2) Signing of "No Claim" Certificate:** The Contractor shall not be entitled to make any claim whatsoever against the Railway under or by virtue of or arising out of this contract, nor shall the Railway entertain or consider any such claim, if made by the Contractor, after he shall have signed a "No Claim" Certificate in favour of the Railway in such form as shall be required by the Railway after the works are finally measured up. The Contractor shall be debarred from disputing the correctness of the items covered by "No Claim" Certificate or demanding a clearance to arbitration in respect thereof.



## **MEASUREMENTS, CERTIFICATES AND PAYMENTS**

- 44. Quantities in Bill(s) of Quantities Annexed to Contract:** The quantities set out in the accepted Bill(s) of Quantities 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.
- 45. (i). Measurement of Works by Railway:** The Contractor shall be paid for the works at the rates in the accepted Bill(s) of Quantities and for extra works at rates determined under Clause 39 of these Conditions 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 Bill(s) of Quantities 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 Bill(s) of Quantities 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.
- 45(ii). 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 Bill(s) of Quantities 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 Bill(s) of Quantities 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 Bill(s) of Quantities 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 recover liquidated damages equal to 10% of claimed gross bill value.
- (ii) On any next occasion of noticing any exaggerated/false measurement, railway shall recover liquidated damages equal to 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.

**46. (1) "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.

**46.(2) 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.

**46.(3) 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.

**46.(4)** If payment(s) of Advances are applicable in the contract, as mentioned in the Tender Documents, Railway shall make payment(s) of Interest bearing advances, on the request of contractor. The payment and recovery of such Advances shall be made as under:

**(a) : Mobilisation Advance –**

This shall be limited to 10% of the Contract value and shall be paid in 2 stages :

Stage 1– 5% of Contract Value on signing of the contract agreement.

Stage 2 – 5% on mobilization of site-establishment, setting up offices, bringing in equipment and actual commencement of work.

The stage 1 of advance shall be payable immediately after signing of contract agreement.

The stage 2 of advance shall be payable at the time of mobilisation, only after submission of an utilization certificate by the contractor that the Stage 1 advance has been properly utilized in the contract.

These Advances shall be payable against irrevocable guarantee (Bank Guarantee, FDRs) from a scheduled commercial bank of India of at least 110% of the value of the sanctioned advance amount (covering principal plus interest).

**(b) : Advance Against Machinery and Equipment –**

This advance shall be limited to a maximum of 10% of the contract value against new Machinery & Equipment, involving substantial outlay, brought to site and essentially required for the work. This advance shall not exceed 75% of the purchase price of such Equipment and shall be payable when Equipment is hypothecated to the President of India by a suitable bond or alternatively covered by an irrevocable Bank Guarantee from a scheduled commercial bank of India for full cost of the Plant & Equipment in a form acceptable to Railways. The Plant & Equipment shall be insured for the full value and for the entire period, they are required for the work. This Plant & Equipment shall not be removed from the site of work without prior written permission of the Engineer. No advance should be given against old Plant & Machinery.

**The advances under sub clause (a) and (b) above, are subject to the following conditions -**

(i) The full amount of Advances shall be recovered from contractor dues. The recovery shall commence when the value of contract executed reaches 15% of original contract value and shall be completed when the value of work executed reaches 85% of the original contract value. The installments on each "on account bill" will be on pro-rata basis.

Interest shall be recovered on the advance outstanding for the period commencing from the date of payment of advance till date of particular on-account bill (through which recovery of principal is effected) and adjusted fully against on-account bill along with pro-rata principal recovery. In the event of any short-fall, the same shall be carried forward to the next on-account bill and shall attract interest.

(ii) The advances shall be used by the Contractor for the purpose of the Contract, and for the purpose for which they are paid. Under no circumstances, shall the advances be diverted for other purposes. Any such diversion shall be construed as a breach of the Contract and the Contractor shall be asked to return the advance at once and pay interest at 15% per annum till the advance is recovered back from him. The Contractor shall return the advance and pay the interest in one go without demur. The Contractor, if required by the Engineer shall provide the details of utilization of Mobilisation advance.

(iii) If the Contractor is found to have contravened the provision, it will constitute a breach of contract and Railway shall be entitled to terminate the contract and forfeit his Performance Guarantee as well as Security Deposit.

(iv) In cases, where the Contract is rescinded as per clause 62 of the contract or short closed under any other condition(s) of the contract, without making full recovery of advances and accrued interest thereon, by the Railway, such balance of advances and accrued interest thereon shall immediately become due and payable by the Contractor to the Railway. The same shall be recovered from any due of Contractor with the Government of India.

**46.(5) Manner of Payment:** Unless otherwise specified payments to the Contractor will be transferred electronically to his bank account.

**46A. Price Variation Clause (PVC):** As per SGCC Works April 2022 upto latest correction slips.

**47. Maintenance of Works:** The Contractor shall at all times during the progress and continuance of the works and also for the period of maintenance specified in the Tender Form after the date of issue of the certificate of completion by the Engineer or any other earlier date subsequent to the completion of the works that may be fixed by the Engineer, be responsible for and effectively maintain and uphold in good substantial, sound and perfect condition all and every part of the works and shall make good from time to time and at all times as often as the Engineer shall require, any damage or defect that may during the above period arise in or be discovered or be in any way connected with the works, provided that such damage or defect is not directly caused by errors in the contract documents, act of providence or insurrection or civil riot, and the Contractor shall be liable for and shall pay and make good to the Railway or other persons legally entitled thereto whenever required by the Engineer so to do, all losses, damages, costs and expenses they or any of them may incur or be put or be liable to by reasons or in consequence of the operations of the Contractor or of his failure in any respect.

**48. (1) Certificate of Completion of Works:** As soon as in the opinion of the Engineer, the work has been completed and has satisfactorily passed any final test or tests that may be prescribed, the Engineer shall issue a certificate of completion duly indicating the date of completion in respect of the work and the period of maintenance of the work shall commence from the date of completion mentioned in such certificate. The certificate, inter alia, should mention that the work has been completed in all respects and that all the contractual obligations have been fulfilled by the Contractor and that there is no due from the Contractor to Railways against the contract concerned.

The Engineer may also issue such a certificate indicating date of completion with respect to any part of the work (before the completion of the whole of work), which has been both completed to the satisfaction of the Engineer and occupied or used by the Railway. When any such certificate is given in respect of part of a work, such part shall be considered as completed and the period of maintenance of such part shall commence from the date of completion mentioned in the completion certificate issued for that part of the work.

**48.(2) Contractor not Absolved by Completion Certificate:** The Certificate of Completion in respect of the works referred to in Sub-Clause (1) of this Clause shall not absolve the Contractor from his liability to make good any defects imperfections, shrinkages or faults which may appear during the period of maintenance specified in the tender arising in the opinion of the Engineer from materials or workmanship not in accordance with the drawings or specifications or instruction of the Engineer, which defects, imperfections, shrinkages or faults shall upon the direction in writing of the Engineer be amended and made good by the Contractor at his own cost; and in case of default on the part of Contractor, the Engineer may employ labour and materials or appoint another Contractor to amend and make good such defects, imperfections, shrinkages and faults and all expenses consequent thereon and incidental thereto shall be borne by the Contractor and shall be recoverable from any moneys due to him under the contract.

**48(3) Final Supplementary Agreement:** After the work is completed or otherwise concluded by the parties with mutual consent, and taken over by the Railway as per terms and conditions of the contract agreement, and there is unequivocal no claim on either side under the Contract other than as mentioned in item 4 of Annexure XIV of SGCC Works April 2022, the parties shall execute the Final Supplementary Agreement as per Annexure XIV of SGCC Works April 2022.

**49. Approval only by Maintenance Certificate:** No certificate other than Maintenance Certificate, if applicable, referred to in Clause 50 of the Conditions shall be deemed to constitute approval of any work or other matter in respect of which it is issued or shall be taken as an admission of the due performance of the contract or any part thereof.

**50. (1) Maintenance Certificate:** The Contract shall not be considered as completed until a Maintenance Certificate, if applicable, shall have been signed by the Engineer stating that the works have been completed and maintained to his satisfaction. The Maintenance Certificate shall be given by the Engineer upon the expiration of the period of maintenance or as soon thereafter as any works ordered during such period pursuant to Sub Clause (2) to Clause 48 of these Conditions shall have been completed to the satisfaction of the Engineer, and full effect shall be given to this Clause notwithstanding the taking possession of or using the works or any part thereof by the Railway.

The Competent Authority to issue above Maintenance Certificate shall normally be the authority who is competent to sign the contract. If this Competent Authority is of the rank lower than JA Grade, then a JA Grade Officer (concerned with the work) should issue the Certificate. The Certificate, inter alia, should mention that the work has been completed in all respects and that all the contractual obligations have been fulfilled by the Contractor and that there is no due from the Contractor to Railways against the contract concerned.

**50.(2) Cessation of Railway's Liability:** The Railway shall not be liable to the Contractor for any matter arising out of or in connection with the contract for execution of the works unless the Contractor has made a claim in writing in respect thereof before the issue of the Maintenance Certificate under this clause.

**50.(3) Unfulfilled Obligations:** Notwithstanding the issue of the Maintenance Certificate the Contractor and (subject to Sub-Clause (2) of this Clause) the Railway shall remain liable for the fulfillment of any obligation incurred under the provision of the contract prior to the issue of the Maintenance Certificate which remains unperformed at the time such Certificate is issued and for the purposes of determining the nature and extent of any such obligations, the contract shall be deemed to remain in force between the parties thereto.

**51. (1) Final Payment:** On the Engineer's certificate of completion in respect of the works, adjustment shall be made and the balance of account based on the Engineer or the Engineer's representative's certified measurements or Engineer's certified "contractor's authorized engineer's measurements" of the total quantity of work executed by the Contractor upto the date of completion and on the rates accepted in Bill(s) of Quantities and for extra works on rates determined under Clause 39 of these Conditions shall be paid to the Contractor subject always to any deduction which may be made under these presents and further subject to the Contractor having signed delivered to the Engineer enclosing either a full account in detail of all claims he may have on the Railway in respect of the works or having delivered No Claim Certificate and the Engineer having after the receipt of such account given a certificate in writing that such claims are not covered under excepted matter i.e. Clauses 7(j), 8, 18, 22(5), 39.1, 39.2, 40A, 39, 43(2), 45(i)(a), 55, 55-A(5), 57, 57A, 61(1), 61(2) and 62(1) (i), 63(iv) and 63.2.11 of Standard General Conditions of Contract or in any Clause (stated as excepted matter) of the Special Conditions of the Contract, that the whole of the works to be done under the provisions of the Contracts have been completed, that they have been inspected by him since their completion and found to be in good and substantial order, that all properties, works and things, removed,

disturbed or injured in consequence of the works have been properly replaced and made good and all expenses and demands incurred by or made upon the Railway for or in the respect of damage or loss by from or in consequence of the works, have been satisfied agreeably and in conformity with the contract.

**51.(2) Post Payment Audit:** It is an agreed term of contract that the Railway reserves to itself the right to carry out a post-payment audit and/ or technical examination of the works and the Final Bill including all supporting vouchers, abstracts etc. and to make a claim on the Contractor for the refund of any excess amount paid to him till the release of security deposit or settlement of claims, whichever is later, if as a result of such examination any over-payment to him is discovered to have been made in respect of any works done or alleged to have been done by him under the contract.

**51-A. Production of Vouchers etc. by the Contractor:**

- (i) For a contract of more than one crore of rupees, the Contractor shall, whenever required, produce or cause to be produced for examination by the Engineer any quotation, invoice, cost or other account, book of accounts, voucher, receipt, letter, memorandum, paper of writing or any copy of or extract from any such document and also furnish information and returns verified in such manner as may be required in any way relating to the execution of this contractor relevant for verifying or ascertaining cost of execution of this contract (the decision of the Engineer on the question of relevancy of any documents, information or return being final and binding in the parties). The Contractor shall similarly produce vouchers etc., if required to prove to the Engineer, that materials supplied by him, are in accordance with the specifications laid down in the contract.
- (ii) If any portion of the work in a contract of value more than one crore of rupees be carried out by a sub-contractor or any subsidiary or allied firm or company (as per Clause 7 of the Standard General Conditions of Contract), the Engineer shall have power to secure the books of such sub-contractor or any subsidiary or allied firm or company, through the Contractor, and such books shall be open to his inspection.
- (iii) The obligations imposed by Sub Clause (i) & (ii) above is without prejudice to the obligations of the Contractor under any statute rules or orders binding on the Contractor.

**52. Withholding and Lien in Respect of Sums Claimed:** Whenever any claim or claims for payment of a sum of money arises out of or under the contract against the Contractor, the Railway shall be entitled to withhold and also have a lien to retain such sum or sums in whole or in part from the security, if any, deposited by the Contractor and for the purpose aforesaid, the Railway shall be entitled to withhold the said cash Security Deposit or the Security if any, furnished as the case may be and also have a lien over the same pending finalization or adjudication of any such claim. In the event of the security being insufficient to cover the claimed amount or amounts or if no security has been taken from the Contractor, the Railway shall be entitled to withhold and have a lien to the extent of the such claimed amount or amounts referred to supra, from any sum or sums found payable or which at any time thereafter may become payable to the Contractor under the same contract or any other contract with this or any other Railway or any Department of the Central Government pending finalization or adjudication of any such claim.

It is an agreed term of the contract that the sum of money or moneys so withheld or retained under the lien referred to above, by the Railway will be kept withheld or retained as such by the Railways till the claim arising out of or under the contract is determined by the arbitrator (if the contract governed by the Arbitration Clause) or by the competent court as the case may be and that the Contractor will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention under the lien referred to supra and duly notified as such to the Contractor. For the purpose of this clause, where the Contractor is a partnership firm or a company, the Railway shall be entitled to withhold and also have a lien to retain towards such claimed amount or amounts in whole or in part from any sum found payable to any partner/company, as the case may be whether in his individual capacity or otherwise.

**52-A Lien in Respect of Claims in other Contracts:**

- (i) Any sum of money due and payable to the Contractor (including the Security Deposit returnable to him) under the contract may be withheld or retained by way of lien by the Railway, against any claim of this or any other Railway or any other Department of the Central Government in respect of payment of a sum of money arising out of or under any other contract made by the Contractor with this or any other Department of the Central Government.
- (ii) However, recovery of claims of Railway in regard to terminated contracts may be made from the Final Bill, Security Deposits and Performance Guarantees of other contract or contracts, executed by the Contractor. The Performance Guarantees submitted by the Contractor against other contracts, if required, may be withheld and encased. In addition, 10% of each subsequent 'on-account bill' may be withheld, if required, for recovery of Railway's dues against the terminated contract.

(iii) It is an agreed term of the contract that the sum of money so withheld or retained under this Clause by the Railway will be kept withheld or retained as such by the Railway till the claim arising out of or under any other contract is either mutually settled or determined by arbitration, if the other contract is governed by Arbitration Clause or by the competent court as the case may be and Contractor shall have no claim for interest or damages whatsoever on this account or on any other ground in respect of any sum of money withheld or retained under this Clause and duly notified as such to the Contractor.

**53. Signature on Receipts for Amounts:** Every receipt for money which may become payable or for any security which may become transferable to the Contractors under these presents, shall, if signed in the partnership name by anyone of the partners of a Contractor's firm be a good and sufficient discharge to the Railway in respect of the moneys or security purported to be acknowledged thereby and in the event of death of any of the Contractor, partners during the pendency of the contract, it is hereby expressly agreed that every receipt by anyone of the surviving Contractor partners shall if so signed as aforesaid be good and sufficient discharge as aforesaid provided that nothing in this Clause contained shall be deemed to prejudice or effect any claim which the Railway may hereafter have against the legal representative of any Contractor partner so dying for or in respect to any breach of any of the conditions of the contract, provided also that nothing in this clause contained shall be deemed to prejudice or effect the respective rights or obligations of the Contractor partners and of the legal representatives of any deceased Contractor partners interest.

### **LABOUR**

**54. Wages to Labour:** The Contractor shall be responsible to ensure compliance with the provision of the Minimum Wages Act, 1948 (hereinafter referred to as the "said Act") and the Rules made thereunder in respect of any employees directly or through petty Contractors or sub-contractors employed by him for the purpose of carrying out this contract.

If, in compliance with the terms of the contract, the Contractor supplied any labour to be used wholly or partly under the direct orders and control of the Railways whether in connection with any work being executed by the Contractor or otherwise for the purpose of the Railway such labour shall, for the purpose of this Clause, still be deemed to be persons employed by the Contractor.

If any moneys shall, as a result of any claim or application made under the said Act be directed to be paid by the Railway, such money shall be deemed to be moneys payable to the Railway by the Contractor and on failure by the Contractor to repay the Railway any moneys paid by it as aforesaid within seven days after the same shall have been demanded, the Railways shall be entitled to recover the same from Contractor's bills/Security Deposit or any other dues of Contractor with the Government of India.

**54-A. Apprentices Act:** The Contractor shall be responsible to ensure compliance with the provisions of the Apprentices Act, 1961 and the Rules and Orders issued thereunder from time to time in respect of apprentices directly or through petty Contractors or sub-contractors employed by him for the purpose of carrying out the Contract.

If the Contractor directly or through petty Contractors or sub-contractors fails to do so, his failure will be a breach of the contract and the Railway may, in its discretion, rescind the contract. The Contractor shall also be liable for any pecuniary liability arising on account of any violation of the provisions of the Act **55.**

**Provisions of Payments of Wages Act:** The Contractor shall comply with the provisions of the Payment of Wages Act, 1936 and the rules made thereunder in respect of all employees employed by him either directly or through petty Contractors or sub-contractors in the works. If in compliance with the terms of the contract, the Contractor directly or through petty Contractors or sub-contractors shall supply any labour to be used wholly or partly under the direct orders and control of the Engineer whether in connection with the works to be executed hereunder or otherwise for the purpose of the Engineer, such labour shall nevertheless be deemed to comprise persons employed by the Contractor and any moneys which may be ordered to be paid by the Engineer shall be deemed to be moneys payable by the Engineer on behalf of the Contractor and the Engineer may on failure of the Contractor to repay such money to the Railways deduct the same from any moneys due to the Contractor in terms of the contract. The Railway shall be entitled to recover the same from Contractor's bills/Security Deposit or any other dues of Contractor with the Government of India all moneys paid or payable by the Railway by way of compensation of aforesaid or for costs of expenses in connection with any claim thereto and the decision of the Engineer upon any question arising out of the effect or force of this Clause shall be final and binding upon the Contractor.

**55- A. Provisions of Contract Labour (Regulation and Abolition) Act, 1970:**

**55-A.(1)** The Contractor shall comply with the provision of the contract labour (Regulation and Abolition) Act, 1970 and the Contract labour (Regulation and Abolition) Central Rules 1971 as modified from time to time, wherever applicable and shall also indemnify the Railway from and against any claims under the aforesaid Act and the Rules.

**55-A.(2)** The Contractor shall obtain a valid license under the aforesaid Act as modified from time to time before the commencement of the work and continue to have a valid license until the completion of the work. Any failure to fulfill the requirement shall attract the penal provision of the Act.

**55-A.(3)** The Contractor shall pay to the labour employed by him directly or through sub- contractors the wages as per provision of the aforesaid Act and the Rules wherever applicable. The Contractor shall notwithstanding the provisions of the contract to the contrary, cause to be paid the wages to labour, indirectly engaged on the works including any engaged by sub- contractors in connection with the said work, as if the labour had been immediately employed by him.

**55-A.(4)** In respect of all labour directly or indirectly employed in the work for performance of the Contractor's part of the contract, the Contractor shall comply with or cause to be complied with the provisions of the aforesaid Act and Rules wherever applicable.

**55-A.(5)** In every case in which, by virtue of the provisions of the aforesaid Act or the rules, the Railway is obliged to pay any amount of wages to a workman employed by the Contractor or his sub-contractor in execution of the work or to incur any expenditure on account of the contingent, liability of the Railway due to the Contractor's failure to fulfill his statutory obligations under the aforesaid Act or the rules, the Railway will recover from the Contractor, the amount of wages so paid or the amount of expenditure so incurred and without prejudice to the rights of the Railway under the Section 20, Sub-Section (2) and Section 2, Sub-Section (4) of the aforesaid Act, the Railway shall be at liberty to recover such amount or part thereof from Contractor's bills/Security Deposit or any other dues of Contractor with the Government of India. The Railway shall not be bound to contest any claim made against it under Sub-Section(1) of Section 20 and Sub- Section (4) of Section 21 of the aforesaid Act except on the written request of the Contractor and upon his giving to the Railway full security for all costs for which the Railway might become liable in contesting such claim. The decision of the Chief Engineer regarding the amount actually recoverable from the Contractor as stated above shall be final and binding on the Contractor.

**55-B. Provisions of Employees Provident Fund and Miscellaneous Provisions Act, 1952:** The Contractor shall comply with the provisions of Para 30 & 36-B of the Employees Provident Fund Scheme, 1952; Para 3 & 4 of Employees' Pension Scheme, 1995; and Para 7 & 8 of Employees Deposit Linked Insurance Scheme, 1976; as modified from time to time through enactment of "Employees Provident Fund & Miscellaneous Provisions Act, 1952", wherever applicable and shall also indemnify the Railway from and against any claims under the aforesaid Act and the Rules.

**55-C (i)** Contractor is to abide by the provisions of various labour laws in terms of above clause 54, 55, 55-A and 55-B of Indian Railways Standard General Conditions of Contract. In order to ensure the same, an application has been developed and hosted on website 'www.shramikkalyan.indianrailways.gov.in'. Contractor shall register his firm/company etc. and upload requisite details of labour and their payment in this portal. These details shall be available in public domain. The registration / updation in Portal shall be done as under:

- (a)** Contractor shall apply for onetime registration of his company/firm etc. in the Shramikkalyan portal with requisite details subsequent to issue of Letter of Acceptance. Engineer shall approve the contractor's registration in the portal within 7 days of receipt of such request.
- (b)** Contractor once approved by any Engineer, can create password with login ID (PAN No.) for subsequent use of portal for all Letter of Acceptances (LoAs) issued in his favour.
- (c)** The contractor once registered on the portal, shall provide details of his Letter of Acceptances (LoAs) / Contract Agreements on shramikkalyan portal within 15 days of issue of any LoA for approval of concerned Engineer. Engineer shall update (if required) and approve the details of LoA filled by contractor within 7 days of receipt of such request.
- (d)** After approval of LoA by Engineer, contractor shall fill the salient details of contract labours engaged in the contract and ensure updating of each wage payment to them on shramikkalyan portal on monthly basis.
- (e)** It shall be mandatory upon the contractor to ensure correct and prompt uploading of all salient details of engaged contractual labour & payments made thereof after each wage period.

- (iii) While processing payment of any 'On Account Bill' or 'Final Bill' or release of 'Advances' or 'Performance Guarantee / Security deposit', contractor shall submit a certificate to the Engineer or Engineer's representatives that "I have uploaded the correct details of contract labours engaged in connection with this contract and payments made to them during the wage period in Railway's Shramikkalyan portal at 'www.shramikkalyan.indianrailways.gov.in' till \_\_\_\_\_ Month, \_\_\_\_\_ Year."

**55-D.Provisions of "The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996" and "The Building and Other Construction Workers' Welfare Cess Act, 1996":**

The tenderers, for carrying out any construction work, shall get themselves registered with the Registering Officer under Section-7 of the Building and Other Construction Workers Act, 1996 and Rules made thereto by the concerned State Govt., and submit Certificate of Registration issued by Registering Officer of the concerned State Govt. (Labour Dept.). The Cess shall be deducted from contractor's bills as per provisions of the Act.

**56. Reporting of Accidents:** The Contractor shall be responsible for the safety of all employees directly or through petty Contractors or sub-contractor employed by him on the works and shall report serious accidents to any of them however and wherever occurring on the works to the Engineer or the Engineers Representative and shall make every arrangements to render all possible assistance.

**57. Provision of Workmen's Compensation Act:** In every case in which by virtue of the provisions of Section 12 Sub-Section (1) of the Workmen's Compensation Act 1923, Railway is obliged to pay compensation to a workman directly or through petty Contractor or sub- contractor employed by the Contractor in executing the work, Railway will recover from the Contractor the amount of the compensation so paid, and, without prejudice to the rights of Railway under Section 12 Sub-section (2) of the said Act, Railway shall be at liberty to recover such amount or any part thereof from Contractor's bills/Security Deposit or any other dues of Contractor with the Government of India. Railway shall not be bound to contest any claim made against it under Section 12 Sub-Section (1) of the said Act except on the written request of the Contractor and upon his giving to Railway full security for all costs for which Railway might become liable in consequence of contesting such claim.

**57-A. Provision of Mines Act:** The Contractor shall observe and perform all the provisions of the Mines Act, 1952 or any statutory modifications or re-enactment thereof for the time being in force and any rules and regulations made thereunder in respect of all the persons directly or through the petty Contractors or sub-contractors employed by him under this contract and shall indemnify the Railway from and against any claims under the Mines Act, or the rules and regulations framed thereunder, by or on behalf of any persons employed by him or otherwise.

**58- Railway not to Provide Quarters for Contractors:** No quarters shall normally be provided by the Railway for the accommodation of the Contractor or any of his staff employed on the work. In exceptional cases where accommodation is provided to the Contractor at the Railway's discretion, recoveries shall be made at such rates as may be fixed by the Railway for the full rent of the buildings and equipments therein as well as charges for electric current, water supply and conservancy.

**59 (1) Labour Camps:** The Contractor shall at his own expense make adequate arrangements for the housing, supply of drinking water and provision of latrines and urinals for his staff and workmen, directly or through the petty Contractors or sub-contractors and for temporary creche (Bal-Mandir) where 50 or more women are employed at a time. Suitable sites on Railway land, if available, may be allotted to the Contractor for the erection of labour camps, either free of charge or on such terms and conditions that may be prescribed by the Railway. All camp sites shall be maintained in clean and sanitary conditions by the Contractor at his own cost.

**59. (2) Compliance to Rules for Employment of Labour:** The Contractor(s) shall conform to all laws, bye-laws rules and regulations for the time being in force pertaining to the employment of local or imported labour and shall take all necessary precautions to ensure and preserve the health and safety of all staff employed directly or through petty contractors or sub-contractors on the works.

**59.(3) Preservation of Peace:** The Contractor shall take requisite precautions and use his best endeavours to :

- (i) Prevent any riotous or unlawful behaviour by or amongst his workmen and other employed directly or through the petty Contractors or sub-contractors on the works and for the preservation of peace and protection of the inhabitants and



(ii) Security of property in the neighbourhood of the works. In the event of the Railway requiring the maintenance of a Special Police Force at or in the vicinity of the site during the tenure of works, the expenses thereof shall be borne by the Contractor and if paid by the Railway shall be recoverable from the Contractor.

**59.(4) Sanitary Arrangements:** The Contractor shall obey all sanitary rules and carry out all sanitary measures that may from time to time be prescribed by the Railway Medical Authority and permit inspection of all sanitary arrangements at all times by the Engineer, the Engineer's Representative or the Medical Staff of the Railway. Should the Contractor fail to make the adequate sanitary arrangements, these will be provided by the Railway and the cost thereof recovered from the Contractor.

**59.(5) Outbreak of Infectious Disease:** The Contractor shall remove from his camp such labour and their families as refuse protective inoculation and vaccination when called upon to do so by the Engineer or the Engineer's Representative on the advice of the Railway Medical Authority. Should cholera, plague, or other infectious disease break out, the Contractor shall burn the huts, beddings, clothes and other belongings of or used by the infected parties and promptly erect new huts on healthy sites as required by the Engineer, failing which within the time specified in the Engineer's requisition, the work may be done by the Railway and the cost thereof recovered from the Contractor.

**59.(6) Treatment of Contractor's Staff in Railway Hospitals:** The Contractor and his staff, other than labourers and their families requiring medical aid from the railway hospital and dispensaries will be treated as private patients and charged accordingly. The Contractors' labourers and their Families will be granted free treatment in railway hospitals and dispensaries where no other hospitals or dispensaries are available provided the Contractor pays the cost of medicines, dressing and diet money according to the normal scale and additional charges for special examinations such as pathological and bacteriological examination, X-Ray, etc. and for surgical operation.

**59.(7) Medical Facilities at Site:** The Contractor shall provide medical facilities at the site as may be prescribed by the Engineer on the advice of the Railway Medical Authority in relation to the strength of the Contractor's resident staff and workmen.

**59.(8) Use of Intoxicants:** The sale of ardent spirits or other intoxicating beverages upon the work or in any of the buildings, encampments or tenements owned, occupied by or within the control of the Contractor or any of his employees shall be forbidden and the Contractor shall exercise his influence and authority to the utmost extent to secure strict compliance with this condition.

**59.(9) Restrictions on the Employment of Retired Engineers of Railway Services Within One Year of their Retirement:** The Contractor shall not, if he is a retired Government Engineer of Gazetted rank, himself engage in or employ or associate a retired Government Engineer of Gazetted rank, who has not completed one year from the date of retirement, in connection with this contract in any manner whatsoever without obtaining prior permission of the President and if the Contractor is found to have contravened this provision it will constitute a breach of contract and administration will be entitled to terminate the contract and forfeit his Performance Guarantee as well as Security Deposit.

**60.(1) Non-Employment of Labourers below the age of 15:** The Contractor shall not employ children below the age of 15 as labourers directly or through petty Contractors or sub- contractors for the execution of work.

**60. (2) Medical Certificate of Fitness for Labour:** It is agreed that the Contractor shall not employ a person above 15 and below 19 years of age for the purpose of execution of work under the contract unless a medical certificate of fitness in the prescribed form (Proforma at Annexure-VIII) granted to him by a certifying surgeon certifying that he is fit to work as an adult, is obtained and kept in the custody of the Contractor or a person nominated by him in this behalf and the person carries with him, while at work; a token giving a reference to such certificate. It is further agreed that the responsibility for having the adolescent examined medically at the time of appointment or periodically till he attains the age of 19 years shall devolve entirely on the Contractor and all the expenses to be incurred on this account shall be borne by him and no fee shall be charged from the adolescent or his parent for such medical examination.

**60. (3) Period of Validity of Medical Fitness Certificate:** A certificate of fitness granted or renewed for the above said purposes shall be valid only for a period of one year at a time. The certifying surgeon shall revoke a certificate granted or renewed if in his opinion the holder of it, is no longer fit for work in the capacity stated therein. Where a certifying surgeon refuses to grant or renew a certificate or revoke a certificate, he shall, if so required by the person concerned, state his reasons in writing for doing so.

**60. (4) Medical Re-Examination of Labourer:** Where any official appointed in this behalf by the Ministry of Labour is of the opinion that any person employed in connection with the execution of any work under this contract in the age group 15 to 19 years is without a certificate of fitness or is having a certificate of fitness but no longer fit to work in the capacity stated in the certificate, he may serve on the Contractor, or on the person nominated by him in this regard, a notice requiring that such persons shall be examined by a certifying surgeon and such person shall not if the concerned official so directs, be employed or permitted to do any work under this contract unless he has been medically examined and certified that he is fit to work in the capacity stated in the certificate.

#### **DETERMINATION OF CONTRACT**

**61. (1) Right of Railway to Determine the Contract:** The Railway shall be entitled to determine and terminate the contract at any time should, in the Railway's opinion, the cessation of work becomes necessary owing to paucity of funds or from any other cause whatever, in which case the value of approved materials at site and of work done to date by the Contractor will be paid for in full at the rate specified in the contract. Notice in writing from the Railway of such determination and the reasons therefor shall be conclusive evidence thereof.

**61. (2) Payment on Determination of Contract:** Should the contract be determined under sub clause (1) of this clause and the Contractor claims payment for expenditure incurred by him in the expectation of completing the whole of the work, the Railways shall admit and consider such claims as are deemed reasonable and are supported by vouchers to the satisfaction of the Engineer. The Railway's decision on the necessity and propriety of such expenditure shall be final and conclusive.

**61.(3)** The Contractor shall have no claim to any payment of compensation or otherwise, howsoever on account of any profit or advantage which he might have derived from the execution of the work in full but which he did not derive in consequence of determination of contract.

**62. (1) Determination of Contract owing to Default of Contractor:**

If the Contractor should:

- (i) Becomes bankrupt or insolvent, or
- (ii) Make an arrangement for assignment in favour of his creditors, or agree to carry out the contract under a Committee of Inspection of his creditors, or
- (iii) Being a Company or Corporation, go into liquidation (other than a voluntary liquidation for the purposes of amalgamation or reconstruction), or
- (iv) Have an execution levied on his goods or property on the works, or
- (v) Assign the contract or any part thereof otherwise than as provided in Clause 7 of these Conditions , or
- (vi) Abandon the contract, or
- (vii) Persistently disregard the instructions of the Engineer, or contravene any provision of the contract, or
- (viii) Fail to adhere to the agreed programme of work by a margin of 10% of the stipulated period, or
- (ix) Fail to Execute the contract documents in terms of Clause 8 of the Instructions to Tenderers and Contracts of SGCC Works April, 2022.
- (x) Fails to submit the documents pertaining to identity of JV and PAN in terms of Clause 17.11 of Tender Form available in the Instructions to Tenderers. ( SGCC Works April 2022)
- (xi) Fail to remove materials from the site or to pull down and replace work after receiving from the Engineer notice to the effect that the said materials or works have been condemned or rejected under Clause 25 and 27 of these Conditions, or
- (xii) Fail to take steps to employ competent or additional staff and labour as required under Clause 26 of the Conditions, or
- (xiii) Fail to afford the Engineer or Engineer's representative proper facilities for inspecting the works or any part thereof as required under Clause 28 of the Conditions, or
- (xiv) Promise, offer or give any bribe, commission, gift or advantage either himself or through his partner, agent or servant to any officer or employee of the Railway or to any person on his or on their behalf in relation to the execution of this or any other contract with this Railway.
- (xv) Fail to adhere to the provisions of Clause 16 of Tender Form (Second Sheet) of Annexure I of Part I 'Instructions to Tenderers, or provision of above Clause 59(9).
- (xvi) Submits copy of fake documents/certificates in support of credentials, submitted by the tenderer

Then and in any of the **said Clause**, the Engineer on behalf of the Railway may serve the Contractor with a notice (Proforma at Annexure-IX of SGCC Works April 2022) in writing to that effect and if the Contractor does not within seven days after the delivery to him of such notice proceed to make good his default in so far as the same is capable of being made good and carry on the work or comply with such directions as aforesaid of the entire satisfaction of the Engineer, the Railway shall be entitled after giving 48 hours' notice (Proforma at Annexure-X or XII of SGCC Works April 2022, as the case may be) in writing under the hand of the Engineer to rescind the contract as a whole or in part or parts (as may be specified in such notice) and after expiry of 48 hours' notice, a final termination notice (Proforma at Annexure- XI or XIII of SGCC Works April 2022, as the case may be) should be issued.

**Note:** Engineer at his discretion may resort to the part termination of contract with notices (Proforma at Annexure- IX, XII and XIII of SGCC Works April 2022), only in cases where progress of work is more than or equal to 80% of the original scope of work.

**62. (2) Right of Railway after Rescission of Contract owing to Default of Contractor:** In the event of any or several of the courses, referred to in Sub-Clause(1) of this Clause, being adopted:

(a) The Contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any commitments or made any advances on account of or with a view to the execution of the works or the performance of the contract and Contractor shall not be entitled to recover or be paid any sum for any work thereto for actually performed under the contract unless and until the Engineer shall have certified the performance of such work and the value payable in respect thereof and the Contractor shall only be entitled to be paid the value so certified.

(b) In the contract which has been rescinded as a whole, the Security Deposit already with railways under the contract shall be encashed/ forfeited and the Performance Guarantee already submitted for the contract shall be encashed. The balance work shall be got done independently without risk & cost of the failed Contractor. The failed Contractor shall be debarred from participating in the tender for executing the balance work. If the failed Contractor is a JV or a Partnership firm, then every member/partner of such a firm shall be debarred from participating in the tender for the balance work in his/her individual capacity or as a partner of any other JV

/partnership firm.

Further the authorized representative of failed Contractor cannot be accepted as authorized representative in new contract.

(c) In the contract rescinded in part or parts,

(i) The full Performance Guarantee for the contract shall be recovered. No additional Performance Guarantee shall be required for balance of work being executed through the part terminated contract. The contract value of part terminated contract stands reduced to the balance value of work under the contract.

(ii) The Security Deposit of part terminated contract shall be dealt as per para 16(2) of these conditions.

(iii) The defaulting Contractor shall not be issued any completion certificate for the contract.

(iv) The balance work shall be got done independently without risk & cost of the failed Contractor. The failed Contractor shall be debarred from participating in the tender for executing the balance work. If the failed Contractor is a JV or a Partnership firm, then every member/partner of such a firm shall be debarred from participating in the tender for the balance work in his/her individual capacity or as a partner of any other JV /partnership firm.

(v) Further the authorized representative of failed Contractor will not be accepted as authorized representative in new contract.

(d) The Engineer or the Engineer's Representative shall be entitled to take possession of any materials, tools, implements, machinery and buildings on the works or on the property on which these are being or ought to have been executed, and to retain and employ the same in the further execution of the works or any part thereof until the completion of the works without the Contractor being entitled to any compensation for the use and employment thereof or for wear and tear or destruction thereof.

(e) The Engineer shall as soon as may be practicable after removal of the Contractor fix and determine ex-parte or by or after reference to the parties or after such investigation or enquiries as he may consider fit to make or institute and shall certify what amount (if any) had at the time of rescission of the contract been reasonably earned by or would reasonably accrue to the Contractor in respect of the work then actually done by him under the contract and what was the value of any unused, or partially used materials,

any constructional plant and any temporary works upon the site. The legitimate amount due to the Contractor after making necessary deductions and certified by the Engineer should be released expeditiously.

## **SETTLEMENT OF DISPUTES–INDIAN RAILWAY ARBITRATION AND CONCILIATION RULES**

### **63. Conciliation of Disputes:**

- (i) This clause is applicable in the tender having advertised value less than or equal to Rs 50 Crore.
- (ii) All disputes and differences of any kind whatsoever arising out of or in connection with the contract, whether during the progress of the work or after its completion and whether before or after the determination of the contract, shall be referred by the Contractor to the "Chief Engineer" or "Divisional Railway Manager" through "Notice of Dispute" provided that no such notice shall be served later than 30 days after the date of issue of Completion Certificate by the Engineer. Chief Engineer or Divisional Railway Manager shall, within 30 days after receipt of the Contractor's "Notice of Dispute", notify the name of conciliator(s) to the Contractor.
- (iii) The Conciliator(s) shall assist the parties to reach an amicable settlement in an independent and impartial manner within the terms of contract.
- (iv) If the parties reach agreement on a settlement of the dispute, they shall draw up and sign a written settlement agreement duly signed by Engineer In-charge, Contractor and conciliator(s). When the parties sign the settlement agreement, it shall be final and binding on the parties.
- (v) The parties shall not initiate, during the conciliation proceedings, any arbitral or judicial proceedings in respect of a dispute that is the subject matter of the conciliation proceedings.
- (vi) The conciliation proceedings shall be terminated as per Section 76 of 'The Arbitration and Conciliation Act, 1996.

**63.1 Matters Finally Determined by the Railway:** All disputes and differences of any kind whatsoever arising out of or in connection with the contract, whether during the progress of the work or after its completion and whether before or after the determination of the contract, shall be referred by the Contractor to the GM and the GM shall, within days after receipt of the Contractor's representation, make and notify decisions on all matters referred to by the Contractor in writing provided that matters for which provision has been made in Clauses 7(j), 8, 18, 22(5), 39.1, 39.2, 40A, 43(2), 45(i)(a), 55, 55-A(5), 57, 57A, 61(1), 61(2), 62(1) 63(iv) and 63.2.11 of Standard General Conditions of Contract or in any Clause (stated as excepted matter) of the Special Conditions of the Contract, shall be deemed as 'excepted matters' (matters not arbitrable) and decisions of the Railway authority, thereon shall be final and binding on the Contractor; provided further that 'excepted matters' shall stand specifically excluded from the purview of the Dispute Adjudication Board (DAB) and Arbitration Clause.

**63.2 Dispute Adjudication Board (DAB):** This clause is applicable in the tender having advertised value more than Rs 50 Crore.

**63.2.1** Any dispute/s if not settled with the Engineer, shall be referred to DAB.

The DAB shall consist of a panel of three Retired Railway Officers, retired not below senior administrative grade (SAG). The DAB shall be formed within 90 days of signing of Contract Agreement. For this purpose, a panel of DAB members shall be maintained in the General Manager's office. The complete panel, which shall not be less than five members, shall be sent by Chief Engineer to the Contractor to nominate one member of the DAB from the panel as Contractor's nominee within two weeks of receipt of the panel. On receipt of Contractor's nominee, the Chief Engineer shall nominate one member from the same panel as Railway nominee for the DAB. Both above nominees shall jointly select presiding member of the DAB from the same panel.

**63.2.2** The appointment of DAB shall be effectuated by way of a tri-partite agreement among the Railway, Contractor and the respective DAB members. The terms of the remuneration of each member shall be as fixed by Ministry of Railways from time to time. Each party shall be responsible for paying one-half of this remuneration.

**63.2.3** If one or more of the members appointed refuses to act as DAB member, or is unable or unwilling to perform his functions as DAB member for any reason whatsoever or dies or in the opinion of the Chief Engineer fails to act without undue delay, the parties shall terminate the mandate of such DAB member and thereupon new DAB member shall be appointed in the same manner, as the outgoing DAB member had been appointed.

**63.2.4** The appointment of any member may be terminated by mutual agreement of both Parties, but not by the Railway or the Contractor acting alone. Unless otherwise agreed by both the Parties, the appointment of the DAB (including each member) shall expire upon expiry of this Contract Agreement.

**63.2.5** Before start of DAB proceedings, each DAB member shall give the following certificate to the

Railway and the Contractor:

*"I have no any past or present relationship in relation to the subject matter in dispute, whether financial, business, professional or other kind. Further, I have no any past or present relationship with or interest in any of the parties whether financial, business, professional or other kind, which is likely to give rise to justifiable doubts as to my independence or impartiality."*

**63.2.6** DAB proceedings shall be conducted as decided by the DAB. The DAB shall give its decision within 90 days of a Dispute referred to it by any of the Parties, duly recording the reasons before arriving at the decision. The DAB shall decide the issue within terms and conditions of the contract. This time limit shall be extendable subject to the Parties mutual agreement.

**63.2.7** The DAB decision shall not be binding on both the Parties. In case any party is not satisfied by the decision of DAB, then the aggrieved party may approach Arbitral Tribunal for arbitration proceedings.

**63.2.8** No dispute shall be referred to Arbitral Tribunal unless the same has been referred to DAB for adjudication. However, in case DAB is not formed due to any reason, the disputes can be directly referred to Arbitral Tribunal to adjudicate the dispute.

**63.2.9** In the specific cases of any misconduct by any of the members of the DAB, the parties shall have the right to specifically bring it to the notice of the DAB such conduct, through a statement filed with necessary documents in proof of such misconduct and the DAB, after taking NOTICE of such conduct initiate the replacement of the member concerned, in the same manner the member to be replaced was appointed.

**63.2.10** Once the decision is given by DAB, DAB cannot review the decision at its own or on the request of one party, unless both parties agree for review of decision by DAB.

**63.2.11** In case DAB decision is not challenged by either party within 180 days of receipt of decision of DAB, the decision shall be considered as final and parties would be barred for referring the same to Arbitral Tribunal for adjudication.

**63.2.12** The obligation of the Railway and the Contractor shall not be altered by reasons of issue being or under reference to DAB.

**63.2.13** The DAB shall conduct the proceedings at any convenient venue which shall be decided by DAB in consultations with parties.

**63.2.14** It is a term of this contract that the Parties shall not approach any Court of Law for settlement of such disputes or differences unless an attempt has first been made by the parties to settle such disputes or differences through DAB and Arbitral Tribunal.

**64.(1) : Demand for Arbitration: 64.(1)(i):** In the event of any dispute or difference between the parties hereto as to the construction or operation of this contract, or the respective rights and liabilities of the parties on any matter in question, dispute or difference on any account or as to the withholding by the Railway of any certificate to which the Contractor may claim to be entitled to, or if the Railway fails to make a decision within 120 days, then and in any such case, but except in any of the "excepted matters" referred to in Clause 63.1 of these Conditions, the Contractor, after 120 days but within 180 days of his presenting his final claim on disputed matters shall demand in writing that the dispute or difference be referred to arbitration.

**64.(1)(ii)(a):** The demand for arbitration shall specify the matters which are in question, or subject of the dispute or difference as also the amount of claim item-wise. Only such dispute or difference, in respect of which the demand has been made, together with counter claims or set off, given by the Railway, shall be referred to arbitration and other matters shall not be included in the reference.

**64.(1)(ii)(b):** The parties may waive off the applicability of Sub-Section 12(5) of Arbitration and Conciliation (Amendment) Act 2015, if they agree for such waiver in writing, after dispute having arisen between them, in the format given under Annexure XV of these conditions.

**64.(1)(iii)(a):** The Arbitration proceedings shall be assumed to have commenced from the day, a written and valid demand for arbitration is received by the Railway.

**64.(1)(iii)(b):** The claimant shall submit his claims stating the facts supporting the claims along with all the relevant documents and the relief or remedy sought against each claim within a period of 30 days from the date of appointment of the Arbitral Tribunal.

**64.(1)(iii)(c):** The Railway shall submit its defence statement and counter claim(s), if any, within a period of 60 days of receipt of copy of claims from Tribunal, unless otherwise extension has been granted by Tribunal.

**64.(1)(iii)(d):** Place of Arbitration: The place of arbitration would be within the geographical limits

of the Division of the Railway where the cause of action arose or the Headquarters of the concerned Railway or any other place with the written consent of both the parties.

**64.(1)(iv):** No new claim shall be added during proceedings by either party. However, a party may amend or supplement the original claim or defense thereof during the course of arbitration proceedings subject to acceptance by Tribunal having due regard to the delay in making it.

**64.(1)(v):** If the Contractor(s) does/do not prefer his/their specific and final claims in writing, within a period of 90 days of receiving the intimation from the Railways that the final bill is ready for payment, he/they will be deemed to have waived his/their claim(s) and the Railway shall be discharged and released of all liabilities under the contract in respect of these claims.

**64.(2): Obligation During Pendency of Arbitration:** Work under the contract shall, unless otherwise directed by the Engineer, continue during the arbitration proceedings, and no payment due or payable by the Railway shall be withheld on account of such proceedings, provided, however, it shall be open for Arbitral Tribunal to consider and decide whether or not such work should continue during arbitration proceedings.

**64.(3) : Appointment of Arbitrator:**

**64.(3)(a) : Appointment of Arbitrator where applicability of section 12 (5) of Arbitration and Conciliation Act has been waived off:**

**64.(3)(a)(i):** In cases where the total value of all claims in question added together does not exceed ₹ 1,00,00,000/- (Rupees One Crore), the Arbitral Tribunal shall consist of a Sole Arbitrator who shall be a Gazetted Officer of Railway not below Junior Administrative Grade, nominated by the General Manager. The sole arbitrator shall be appointed within 60 days from the day when a written and valid demand for arbitration is received by General Manager.

**64.(3)(a)(ii):** In cases not covered by the Clause 64(3)(a)(i), the Arbitral Tribunal shall consist of a panel of three Gazetted Railway Officers not below Junior Administrative Grade or 2 Railway Gazetted Officers not below Junior Administrative Grade and a retired Railway Officer, retired not below the rank of Senior Administrative Grade Officer, as the arbitrators. For this purpose, the Railway will send a panel of at least four (4) names of Gazetted Railway Officers of one or more departments of the Railway which may also include the name(s) of retired Railway Officer(s) empanelled to work as Railway Arbitrator to the Contractor within 60 days from the day when a written and valid demand for arbitration is received by the General Manager.

Contractor will be asked to suggest to General Manager at least 2 names out of the panel for appointment as Contractor's nominee within 30 days from the date of dispatch of the request by Railway. The General Manager shall appoint at least one out of them as the Contractor's nominee and will, also simultaneously appoint the balance number of arbitrators either from the panel or from outside the panel, duly indicating the 'presiding arbitrator' from amongst the 3 arbitrators so appointed. General Manager shall complete this exercise of appointing the Arbitral Tribunal within 30 days from the receipt of the names of Contractor's nominees. While nominating the arbitrators, it will be necessary to ensure that one of them is from the Accounts Department. An officer of Selection Grade of the Accounts Department shall be considered of equal status to the officers in Senior Administrative Grade of other departments of the Railway for the purpose of appointment of arbitrator.

**64.3.(a).iii:** The serving railway officer working in arbitral tribunal in the ongoing arbitration cases as per clause 64.(3)(a)(i) and clause 64.(3)(a)(ii) above, can continue as arbitrator in the tribunal even after his retirement.

**64.(3)(b): Appointment of Arbitrator where applicability of Section 12 (5) of Arbitration and Conciliation Act has not been waived off:**

**(i)** In cases where the total value of all claims in question added together does not exceed ₹ 50,00,000/- (Rupees Fifty Lakh), the Arbitral Tribunal shall consist of a Retired Railway Officer, retired not below the rank of Senior Administrative Grade Officer, as the arbitrator. For this purpose, the Railway will send a panel of at least four (4) names of retired Railway Officer(s) empanelled to work as Railway Arbitrator duly indicating their retirement dates to the Contractor within 60 days from the day when a written and valid demand for arbitration is received by the General Manager.

Contractor will be asked to suggest to General Manager at least 2 names out of the panel for appointment as arbitrator within 30 days from the date of dispatch of the request by Railway. The General Manager shall appoint at least one out of them as the arbitrator within 30 days from the receipt of the name of Contractor's nominees..

**(ii)** In cases where the total value of all claims in question added together exceed ₹ 50,00,000/-

(Rupees Fifty Lakh), the Arbitral Tribunal shall consist of a Panel of three (3) retired Railway Officer, retired not below the rank of Senior Administrative Grade Officer, as the arbitrators. For this purpose, the Railway will send a panel of at least four (4) names of retired Railway Officer(s) empanelled to work as Railway Arbitrator duly indicating their retirement date to the Contractor within 60 days from the day when a written and valid demand for arbitration is received by the General Manager.

Contractor will be asked to suggest to General Manager at least 2 names out of the panel for appointment as Contractor's nominee within 30 days from the date of dispatch of the request by Railway. The General Manager shall appoint at least one out of them as the Contractor's nominee and will, also simultaneously appoint the balance number of arbitrators either from the panel or from outside the panel, duly indicating the 'Presiding Arbitrator' from amongst the 3 arbitrators so appointed. General Manager shall complete this exercise of appointing the Arbitral Tribunal within 30 days from the receipt of the names of Contractor's nominees. While nominating the arbitrators, it will be necessary to ensure that one of them has served in the Accounts Department.

**64.(3)(c)(i):** If one or more of the arbitrators appointed as above refuses to act as arbitrator, withdraws from his office as arbitrator, or vacates his/their office/offices or is/are unable or unwilling to perform his functions as arbitrator for any reason whatsoever or dies or in the opinion of the General Manager fails to act without undue delay, the General Manager shall appoint new arbitrator/arbitrators to act in his/their place in the same manner in which the earlier arbitrator/arbitrators had been appointed. Such re-constituted Tribunal may, at its discretion, proceed with the reference from the stage at which it was left by the previous arbitrator (s).

**64.(3) (c) (ii): (a)** The Arbitral Tribunal shall have power to call for such evidence by way of affidavits or otherwise as the Arbitral Tribunal shall think proper, and it shall be the duty of the parties hereto to do or cause to be done all such things as may be necessary to enable the Arbitral Tribunal to make the award without any delay. The proceedings shall normally be conducted on the basis of documents and written statements.

**(b)** Before proceeding into the merits of any dispute, the Arbitral Tribunal shall first decide and pass its orders over any plea submitted/objections raised by any party, if any, regarding appointment of Arbitral Tribunal, validity of arbitration agreement, jurisdiction and scope of the Tribunal to deal with the dispute (s) submitted to arbitration, applicability of time 'limitation' to any dispute, any violation of agreed procedure regarding conduct of the arbitral proceedings or plea for interim measures of protection and record its orders in day to day proceedings. A copy of the proceedings duly signed by all the members of tribunal should be provided to both the parties.

**64.3(c)(iii): (i)** Qualification of Arbitrator (s):

**(a)** Serving Gazetted Railway Officers of not below JA Grade level.

**(b)** Retired Railway Officers not below SA Grade level, one year after his date of retirement.

**(c)** Age of arbitrator at the time of appointment shall be below 70 years.

**(ii)** An arbitrator may be appointed notwithstanding the total number of arbitration cases in which he has been appointed in the past.

**(iii)** While appointing arbitrator(s) under Sub-Clause 64.(3)(a)(i), 64.(3)(a)(ii), 64.(3)(b)(i) & **64.(3)(b)(ii)** above, due care shall be taken that he/they is/are not the one/those who had an opportunity to deal with the matters to which the contract relates or who in the course of his/their duties as Railway servant(s) expressed views on all or any of the matters under dispute or differences. A certification to this effect as per annexure- XVI shall be taken from Arbitrators also. The proceedings of the Arbitral tribunal or the award made by such Tribunal will, however, not be invalid merely for the reason that one or more arbitrator had, in the course of his service, opportunity to deal with the matters to which the contract relates or who in the course of his/their duties expressed views on all or any of the matters under dispute.

**64.(3)(d)(i):** The arbitral award shall state item wise, the sum and reasons upon which it is based. The analysis and reasons shall be detailed enough so that the award could be inferred therefrom.

**64.(3)(d)(ii):** A party may apply for corrections of any computational errors, any typographical or clerical errors or any other error of similar nature occurring in the award of a Tribunal and interpretation of a specific point of award to Tribunal within 60 days of receipt of the award.

**64.(3)(d)(iii):** A party may apply to Tribunal within 60 days of receipt of award to make an additional award as to claims presented in the arbitral proceedings but omitted from the arbitral award.

**64.(4):** In case of the Tribunal, comprising of three members, any ruling on award shall be made by a majority of members of Tribunal. In the absence of such a majority, the views of the Presiding

Arbitrator shall prevail.

**64.(5):** Where the arbitral award is for the payment of money, no interest shall be payable on whole or any part of the money for any period till the date on which the award is made.

**64.(6):** The cost of arbitration shall be borne by the respective parties. The cost shall inter -alia include fee of the arbitrator(s), as per the rates fixed by Railway Board from time to time and the fee shall be borne equally by both the parties, provided parties sign an agreement in the format given at Annexure XV of SGCC Works April 2022. to these condition after/ while referring these disputes to Arbitration. Further, the fee payable to the arbitrator(s) would be governed by the instructions issued on the subject by Railway Board from time to time irrespective of the fact whether the arbitrator(s) is/are appointed by the Railway Administration or by the court of law unless specifically directed by Hon'ble court otherwise on the matter.

**64.(7)** Subject to the provisions of the aforesaid Arbitration and Conciliation Act 1996 and the rules thereunder and relevant para of Standard General Conditions of Contract (GCC) and any statutory modifications thereof shall apply to the appointment of arbitrators and arbitration proceedings under this Clause.

**64.(8)** In case arbitration award is challenged by a party in the Court of Law, 75% of award amount ,pending adjudication by Court of Law, shall be made by party to other party. In case payment is to be made by Railway to Contractor, the terms & conditions as incorporated in the Ministry of Railways letter No. 2016/CE(I)/CT/ARB/3(NITI Aayog)/Pt. dated 08th Mar,2017 as amended from time to time ,shall be followed. In case Contractor has to pay to the Railway, then 75% of the award amount shall be deducted by the Railway from the Contractor's bills, Performance Guarantee/ Security Deposit or any other dues of Contractor with the Government of India.



## **PART-II ANNEXURES**

- i. **ANNEXURE – VII - PROFORMA FOR TIME EXTENSION** (As per GCC of Works, april- 2022 editions with all correction slip.)
- ii. **ANNEXURE – VIIA - PROFORMA OF 14 DAYS NOTICE FOR OFFLOADING OF PART OF CONTRACT WORK** (As per GCC of Works, april-2022 editions with all correction slip.)
- iii. **ANNEXURE – VIIB - NOTICE FOR PART OF CONTRACT WORK OFFLOADED** (As per GCC of Works, april-2022 editions with all correction slip.)
- iv. **ANNEXURE- VIII- CERTIFICATE OF FITNESS** (As per GCC of Works, april-2022 editions with all correction slip.)
- v. **ANNEXURE- IX - PROFORMA OF 7 DAYS NOTICE FOR WORKS AS A WHOLE/ IN PARTS** (As per GCC of Works, april-2022 editions with all correction slip.)
- vi. **ANNEXURE- X - PROFORMA OF 48 HRS. NOTICE FOR WHOLE WORK** (As per GCC of Works, april-2022 editions with all correction slip.)
- vii. **ANNEXURE- XI- PROFORMA OF TERMINATION NOTICE** (As per GCC of Works, april-2022 editions with all correction slip.)
- viii. **ANNEXURE- XII- PROFORMA OF 48 HRS. NOTICE FOR PART OF THE WORK**(As per GCC of Works, april-2022 editions with all correction slip.)
- ix. **ANNEXURE-XIII- PROFORMA OF TERMINATION NOTICE FOR PART OF THE WORK**(As per GCC of Works, april-2022 editions with all correction slip.)
- x. **ANNEXURE-XIV-FINAL SUPPLEMENTARY AGREEMENT** (As per GCC of Works, april- 2022 editions with all correction slip.)
- xi. **ANNEXURE-XV-Agreement towards Waiver under Section 12(5) and Section 31A (5) of Arbitration and Conciliation (Amendment) Act** (As per GCC of Works, april-2022 editions with all correction slip.)
- xii. **ANNEXURE-XVI-Certification by Arbitrators appointed under Clause 63 & 64 of Indian Railways Standard General Conditions of Contract** (As per GCC of Works, april-2022 editions with all correction slip.)

**NOTE- 1.** Any other Terms and Condition as laid down in SGCC Works April 2022 along with all correction slips if skipped/omitted in this tender document, misprinted, wrongly spelt etc shall be read as per the SGCC works April 2022 along with all correction slips upto date .

**2.** All the Terms and Conditions of SGCC Works April 2022 along with all correction slips will be applicable for this Tender.

**3.**In case of any conflict between the Terms and Condition of this Tender Document and SGCC Works April 2022 along with all correction Slips, SGCC Works April 2022 along with all correction slips will prevail for this contract and this tender will be dealt accordingly.

## **SPECIAL CONDITIONS OF CONTRACT**

1. The work involves “*Provision of New Carriage Watering Hydrant facilities at various stations of BSB Division*” at a PRRB (Prayagraj Rambagh), ARJ (Aurinhar Jn.), BCY (Varanasi City), BSBS (Banaras), CPJ (Kaptanganj), SV (Siwan), GCT (Ghazipur City), JI (Jhunshi), MAU (MAU) on turnkey basis (i.e. making of civil foundation, laying of watering hydrant pipeline as per layout placed at Annexure U, dismantling of existing water hydrant pipeline etc.). The work also includes the minimum warranty support of 18 months from the date of commissioning of watering hydrant pipeline at each worksite or as per warranty clause of this tender document. All the accessories, tools & other resources required for successful installation & Commissioning of watering hydrant pipeline shall be arranged by the contractor. The tenderer(s) are advised to visit the sites (Railway Stations) (i.e. PRRB (Prayagraj Rambagh), ARJ (Aurinhar Jn.), BCY (Varanasi City), BSBS (Banaras), CPJ (Kaptanganj), SV (Siwan), GCT (Ghazipur City), JI (Jhunshi), MAU (MAU) for assessing and planning of the Watering hydrant laying work.
2. The contractor shall have complete technical know-how of “*Provision of New Carriage Watering Hydrant facilities at various stations of BSB Division*” their operating procedures and work methods to get the required job done with minimum possible resources; sourcing of spare parts for maintenance of watering hydrant pipeline etc. .
3. The tenderer should provide detailed calculations/design/GA drawing to demonstrate that the pipes/valves/fittings/equipments etc. proposed to be supplied will meet with the overall capacity requirement of the water hydrant pipeline. The quantity of pipes/valves/fittings/equipments etc. proposed to be supplied by the tenderer for each item should match with the numbers as given in the Schedule of NIT and must be supplied as per the Technical Specification clause of this tender document and also as per the Scope of Work .
4. **Place of Work:-** The work shall be carried out by the contractor in consultation with Railways Engineer In-charge/Railway Supervisor/officials at each Railway Stations (viz. PRRB (Prayagraj Rambagh), ARJ (Aurinhar Jn.), BCY (Varanasi City), BSBS (Banaras), CPJ (Kaptanganj), SV (Siwan), GCT (Ghazipur City), JI (Jhunshi), MAU (MAU)). Parties interested in participating in this tender are advised to visit the aforesaid Railway Stations before submitting offer for this tender. The water hydrant pipeline shall be installed in such a manner that they can be used in coordination with the other water hydrant pipeline already running if any. Pipes/valves/fittings/equipments etc. proposed to be supplied for laying of Water Hydrant pipeline as per the Railway requirement. The contractor shall be bound to supply, install and commission the Water hydrant pipeline on turnkey basis (i.e. making of civil foundation (RCC), laying of watering hydrant pipeline as per layout placed at Annexure U, dismantling of existing water hydrant pipeline etc. complete in all respects, any other minor welding/civil works/dismantling works if needed/instructed by consignee (site incharge railway representative)) at above mentioned station of Varanasi division of *NER* without charging any extra cost to Railways and warranty on pipes/valves/fittings/equipments etc. shall also be applicable as specified in this tender document. For any other queries, they can contact to the office of Sr. Divisional Mechanical Engineer/C&W/BSB during working hours. Site Clearance Certificate must be obtained from the concerned Engineer In charges (CDO/SSE(Mech) Incharges) at each worksite/Railway station by the contractor as soon as possible and start the work.
5. The Water Hydrant pipeline is to be commissioned on turnkey basis within a period of 09 months from the date of issue of Letter of Acceptance. All civil work for foundation & grouting, electrical earthing, Plumbing work from water source & to the drainage, laying of DI water hydrant pipeline, dismantling work etc. as per the scope of work and as per the direction of Engineer In charge, Railway Supervisor have to be done by the contractor without charging any extra cost to the Railways. The tenderers are advised to visit the above mentioned sites before quoting the rate for the subject work.

6. For the guidance of the tenderer(s), the broad specifications of the machines/equipments are as indicated in Technical Specification clause of this tender document. The tenderer(s) are required to supply and install pipes/valves/fittings/equipments etc. of proven technology meeting these specifications or even superior, capable of tackling the designed workload to the desired quality standards.
7. The pipes/valves/fittings/equipments etc. should require minimum use of labour, water, power, chemicals, fuel and other raw materials for operational efficiency.
8. The pipes/valves/fittings/ equipments etc. should incorporate all required safety features for avoiding damage to the equipments or injury to the operator or other personnel and equipment in the vicinity of the laundry. Compliance of IR-SOD (Indian Railway Schedule of Dimension) must be followed by the contractor to install the proposed water hydrant pipeline and accessories/fittings. Railways Engineer in charge, Railway Supervisor must ensure compliance of IR-SOD by contractor for installation of water hydrant pipeline at site.
9. The contractor shall furnish the GA drawing (General Arrangement Drawing) and detailed specifications of the Pipes/valves/Fittings/equipments etc. proposed to be supplied and installed as part of the turnkey contract. Detailed specifications of the Pipes/valves/Fittings/equipments etc., along with OEM's catalogues, Inspection certificate for each individual Pipes/valves/Fittings/equipments etc. must be supplied in accordance with the Technical Specification clause of this tender document and as per the Scope of Work and above mentioned catalogues and certificates shall also be handed over to the authorized Railway officials at the time of delivery of the Pipes/valves/Fittings/equipments etc. at site. The documentary proof for country of origin in case of imported equipments etc. is to be enclosed. The tenderer should provide proof that the Pipes/valves/Fittings/equipments etc. proposed to be supplied will meet with the overall capacity requirement of the water hydrant pipeline.
10. The Water hydrant Pipeline/Pipes/Valves/Fittings/Equipment etc. supplied and commissioned by the tenderer should render reasonably trouble free service with no major breakdown during the warranty period. In the event of any major break down in any of the Water hydrant Pipeline/Pipes/Valves/Fittings/Equipment etc. supplied by the tenderer, attributable to inadequate design or manufacture for tackling the work load up to the desired capacity/quality, the tenderer shall be required to immediately replace the same Pipeline/Pipes/Valves/Fittings/Equipment etc. with Pipeline/Pipes/Valves/Fittings/Equipment etc. of suitable design and specifications at his own cost. The contract agreement shall be liable for termination in the event of contractor's failure to do so. Railways competent authority's decision as per the prevailing Railways Rules & Regulation/Guidelines in this regard shall be final and binding on the contractor.
11. As part of turnkey scope of work, the tenderer shall be responsible for the performance of the Water hydrant Pipelines including pipes/fittings/equipments etc. supplied by him for ensuring satisfactory operation of the water hydrant pipeline for the entire contract period including warranty.
12. The Contractor will provide complete technical support with regards to operation of Water Hydrant Pipeline.
13. The contractor shall have to adhere to all Railway specifications which are in force from time to time. The tenderer shall be required to furnish clarification, as required by Railways at any stage, as to these and related issues.

14. During the warranty period, the service engineer shall be expected to be available at the earliest for attending to any problem being encountered in operation of the Water Hydrant Pipeline at any Railway stations mentioned above. In any case, within the warranty period, the service engineer shall visit the installed Water Hydrant pipelines at least once a month, or earlier, as required for carrying out preventive maintenance schedules if any and for ensuring that the laid water hydrants are functioning properly, but for carrying all these works no service engineer visit cost, manpower cost, spares and consumable shall be provided by the railway. The contractor will keep a joint record for maintenance carried out during periodical checks as well as during any breakdown maintenance. He will take signature of authorized representative of the Railway Engineer on all such maintenance records and will also handover a copy of the same to Railway representative for record. Compliance of above must be ensured by the contractor otherwise penalty shall be imposed as per penalty clause of this tender document.
15. During warranty period, the installed Water Hydrant Pipelines shall be made operational/attend the repair/leakages work within 48 Hrs from the time of intimation to the contractor via Email/Voice Call/watsappcall/Text Message/ whatsappmessage. For this purpose the contractor must provide multiple phone numbers of contractor's supervisor/Representative for conveying information pertaining to breakdown/malfunctioning of the installed water hydrant pipeline at each stations. This contractor supervisor/Representative must have smartphone and must keep his phone active and operational/ON round the clock. Penalty will be imposed for any delay beyond above mentioned time period as per Penalty clause of this tender document.
16. Within the framework of the scheme as submitted by the tenderer & acceptable to Railways, Railways shall have the right to effect suitable minor modifications to details as necessitated by the provision of various codes, manuals, references, or any other requirements.
17. Power supply required by contractor for installation and commissioning of work if any, shall be chargeable on contractor's account per provisions made in SGCC Works April 2022 in this regard or any latest correction slips issued by Railways competent authority in this regard. The Railways competent Authority's decision in this regard shall be final and binding on contractor.
18. Any item supplied by the contractor for commissioning of water hydrant pipeline shall have to be supplied/replaced/repair by contractor to the satisfaction of Railway during the contract period without charging any extra cost to the Railways.

**19. Training/Technical Literature:-**

- (i) The Contractor shall arrange for the training of Railway and Non Railway staff who are supposed to be engaged in supervision and actual operation/maintenance of the installed water hydrant pipeline and its fittings/accessories. The no. of persons to be trained at each site shall be decided by the Railways incharge at respective sites. The contractor shall be bound to give training to the nominated persons free of cost irrespective of the number of persons and days of training.
  - (ii) At least 5 hard and 5 soft copies of the complete specifications, and maintenance/operating manuals of each machine/equipment shall be supplied by the contractor free of cost.
  - (iii) Training and supply of technical support shall be part of the scope of contract. No additional cost shall be payable by Railways for the said training.
20. The contractor shall be liable for the safety of his workmen during the course of contract. It is made clear that no claim/compensation would be entertained/paid by Railways for any type of accident/incident involving his labour. Any compensation however as required under law would be payable by the contractor.

21. The Railway Administration reserves the right to accept the tender in whole or part or may reject the same.
22. Any special condition stated and submitted by the tenderer(s) along with their offer shall be deemed as part of contract to such extent only as have explicitly been accepted by the Railway.
23. **ARRANGEMENT FOR PERMITS/LICENSE:-**Arrangement for permits and license for materials will not be made by the Railway or any assistance given. The contractor will have to make his own arrangement. Also no import license shall be arranged by the Railway for this work.
24. **TAXES AND ROYALTIES:-**All rates quoted in the tender shall be deemed to be inclusive of all taxes, royalty's payable by the contractor(s) to the Government or the public body or local authority and no additional amount will be paid or claim entertained on this account by the Railway.
25. In case of any deviation from the requirements of tender specifications, Instructions to tenderer or General & Special Conditions of Contract, Scope of Work, the same should be brought out by the tenderer(s) in Acceptance/Deviation Annexure C of this tender document. Deviations quoted elsewhere (other than Annexure C) shall not be considered. If there is no deviations from tender conditions 'NIL' to be written in Annexure C, must be signed and submitted along with their offer. If Annexure C is not signed and submitted along with the offer by the tenderers 'NIL' deviations will be considered and tender shall be finalized accordingly.
26. The contractor shall ensure that his staff while carrying out the said work, wear an- identity card, at all times (Identity Card Format is as per Annexure H). They shall behave in a disciplined courteous manner, and in no way, indulge in activities in Railway premises, which could cause loss to property or reputation of Railways.
27. The above work will be subject to the General conditions of contract in force on Railway in addition to the Special terms and conditions as laid down herein.
28. All the Staff employed by the contractor will be paid by the contractor and it will be the contractor's responsibility for their lodging and boarding etc. Railway also reserves the right to terminate the contract or levy penalty on contractor in case of repeated misbehavior or disobedience immediately.
29. The contractor should note that no compensation due to any loss of life or loss of material or any other account shall be given by the Railway Administration and contractor shall have to pay all compensation in case of any accident, injury to his labour. The contractor must submit the valid medical fitness certificate and police verification certificate issued by the competent authority as per prevailing rules/guidelines of the Government/SGCC Works April 2022 upto latest correction slips of the contractual labour/supervisor/staff etc. deployed for working in the Railway premises at each site. The contractor should ensure that only medically fit person to be deployed for the tendered work in Railway Premises. Compliance to be duly ensured by the contractor.
30. All notices, communications, reference and complaints made by the Railway or the Engineer or the Engineer's Representative or the Contractor inter-se concerning the works shall be in writing and no notice, communication, reference or complaint not in writing shall be recognized.
31. **POST PAYMENT AUDIT:-** Railway reserves the right to carry on a post payment audit and or technical exam of the works and the final bill including all supporting vouchers, abstract etc. and to marks a claim on the contractor for refund of any excess amount paid to him if as a result of such exam, any other payment to him is discovered to have been made in respect of any work done or alleged to have been done by him under the contract.

32. **INFLAMMABLE ARTICLES:** Inflammable materials, such as petrol, oil etc. shall be stored separately from other materials and all due precautions as required under the Indian Explosive Act or any other statutory valid Act shall be taken by the contractor/s to prevent any fires etc.
33. **PLEA OF CUSTOM:** The plea of custom prevailing will not on any account be permitted as an excuse for any variation in tender conditions and specifications.
34. **ARRANGEMENT FOR PERMITS AND LICENCE:** Arrangements for permits and license for materials- Contractor/s will have to make his/their own arrangements. Also, no import license shall be arranged by the Railway for this work.
35. Railway will not provide any facilities like Pass, PTO, Medical and Accommodation etc.
36. The contractor shall note that no compensation due to any loss of life or loss of material or any other account be given by the Railway Administration while carrying out the work by the contractor as per agreed terms and the contractor shall have to pay all the compensation in case of any accident, injury to his labour.
37. The Railway reserves the right to reject any special conditions stipulated by the Tenderer as considered unacceptable to the Railway and can call upon the Tenderer to withdraw such condition.
38. **A.** Contractor is to abide by the provisions of Payment of wages act & Minimum Wages act in terms of clauses of SGCC Works April 2022 upto latest correction of Indian Railway General Condition of Contract. In order to ensure the same, an application has been developed and hosted on website “www.shramikkalyan.indianrailways.gov.in”. Contractor shall register his firm/company etc. and upload requisite details of labour and their payment in this portal. These details shall be available in public domain. The Registration/updation of Portal shall be done as under,
- a) Contractor shall apply for one time registration of his company/firm etc. in the Shramikkalyan portal with requisite details subsequent to issue of Letter of Acceptance. Engineer shall approve the contractor’s registration on the portal within 7 days of receipt of such request.
  - b) Contractor once approved by any Engineer, can create password with login ID (PAN No.) for subsequent use of portal for all LOAs issued in his favour.
  - c) The contractor once registered on the portal, shall provide details of his Letter of Acceptances (LOA)/Contract Agreements on shramikkalyan portal within 15 days of issue of any LOA for approval of concerned engineer. Engineer shall update (if required) and approve the details of LOA filled by contractor within 7 days of receipt of such request.
  - d) After approval of LOA by Engineer, contractor shall fill the salient details of contract labours engaged in the contract and ensure updating of each wage payment to them on shramikkalyan portal on monthly basis.
  - e) It shall be mandatory upon the contractor to ensure correct and prompt uploading of all salient details of engaged contractual labour & payments made thereof after each wage period.

**B.** While processing payment of any ‘On Account bill’ or ‘Final bill’ or release of ‘Advances’ or ‘Performance Guarantee/Security deposit’, contractor shall submit a certificate to the Engineer or Engineer’s representatives that “I have uploaded the correct details of contract labours engaged in connection with this contract and payments made to them during the wage period in Railway’s Shramikkalyan portal at ‘www.shramikkalyan.indianrailways.gov.in’ till \_\_\_\_\_ Month, \_\_\_\_\_ Year.”

I/We hereby agree to carry out the work at the rates quoted by me/us duly accepted by Railway and abide by the special terms and conditions as laid down here in above.

**39. Railway's Scope of Supply :-**

- i) Suitable space for installation of Water Hydrant Pipelines at mentioned Railway stations at PRRB (Prayagraj Rambagh), ARJ (Aurinhar Jn.), BCY (Varanasi City), BSBS (Banaras), CPJ (Kaptanganj), SV (Siwan), GCT (Ghazipur City), JI (Jhunshi), MAU (MAU).
- ii) Water and Electricity supply if required for installation and commissioning of the water hydrant pipeline will be chargeable on contractor's account and provided as per the provisions laid down in SGCC Works April 2022.
- iii) Secured space of adequate size for storage of machines/equipments, prior to their installation.

**40. Warranty:-**

**A.** Warranty against defective material/workmanship & performance of each of the installed and commissioned water hydrant pipelines and Pipes/fittings/accessories/equipments etc. supplied and commissioned by the contractor for a period of minimum 18 months from the date of commissioning of the Water Hydrant Pipelines or as per the warranty period of individual Pipes/fittings/accessories/equipments etc. specified by their OEM's, whichever is more, shall be within the scope of the contract. The warranty support/repairs/replacement shall have to be provided/carried out by the contractor at site of the water hydrant pipeline. The consumables (required for preventive maintenance and breakdown maintenance are included in the scope of work of the contractor and no additional payment shall be made by Railways for the same.

**B.** The Security Deposit of the firm shall be released as per the provision contained in SGCC Works, April 2022 or any other latest correction slips/Railway Guidelines in this regard.

**41. Inspection and Commissioning Tests:-**

**A.** Inspection of Pipes/fittings/equipments/accessories etc. to be supplied under this tender shall be done by RITES as per below tabulation in OEM's premises or Firm's premises or in Railway's Premises as per tenderer wish. Tenderer Should Produce import documents of Pipes/Fittings/Equipment/Accessories etc., Original Test and warranty certificate (TC & GC) from OEM. **The Cost of RITES inspection will be borne by Contractor.**

**The following Pipes/Fittings/Accessories/Valves etc shall be inspected by RITES :-**

S N	Name of Item/Description	Quantity	Technical Specification
1.	MS Channel ( 75 X 40 mm ) MS Angle ( 50 X 50 X 6 mm )	As per NIT	As per Technical Specification clause of this tender document
2.	Double Flanged (Screwed/Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K-9 conforming to IS: 8329, 150 mm dia. double flanged.	As per NIT	
3.	Double Flanged (Screwed/Welded) Centrifugally (Spun) Cast Iron Pipes of Class B conforming to IS:1536, 150 mm dia. C.I. double flanged pipe .	As per NIT	
4.	CI Sluice Valves with (cap.) complete with bolts and nuts , rubber insertions 150 mm dia class 1	As per NIT	
5.	Hydrant Water Control Valve with detachable handle , 40 mm dia.	As per NIT	

**B.** All other items except above shall be inspected by Consignee at each worksite as per technical Specification clause of this tender document and as per Scope of Work.

## **42. Payment Terms and Conditions:-**

The payment shall be made to the contractor as per the following milestones:-

- (i) 75% of the total cost of individual pipe/equipment/machine/accessories etc. (less adjustment towards security deposit) will be paid on receipt of the pipe/equipment/machine/accessories etc. at worksite(s) or as per the decision of the Engineer-Incharge and also after their inspection and acceptance of the same by the authorized Railway representative (Consignee).

The aforesaid 75% payment, for receipt of pipe/equipment/machine/accessories etc. shall only be released after confirmation by the authorized Railway representative (Consignee) that the pipe/equipment/machine/accessories etc. at each site have been received in good condition and inspection certificates and all other relevant documents are submitted by the contractor for the individual machines/equipment supplied against this contract. Part Payment may be permitted as per the decision of the Sr.DME/C&W/BSB.

- (ii) 15% of the cost of individual pipe/equipment/machine/accessories etc. (less adjustment towards security deposit) after commissioning of the water hydrant pipeline at each worksite (Railway stations) and successful operation for a period of at least one (01) month.

The aforesaid 15% value shall be released subject to successful commissioning of the water Hydrant pipeline at each worksite (Railways station) after clearance of the Commissioning Tests and successful operation for a period of at least one (01) month after commissioning.

- (iii) 10% of the total cost of individual pipe/equipment/machine/accessories etc. (less adjustment towards security deposit) after satisfactory performance of the water hydrant pipeline for a period of at least six (06) months from the date of commissioning.

### **Note:-**

- Bill processing will be done online through IRWCMS portal or as per the direction of the competent authority following the guidelines of IRWCMS portal. Joint Receipt Inspection Note (Annexure Q) and Joint Commissioning Note (Annexure R) must be submitted along with the bills for payment wherever as applicable.
- The bills should be submitted online for all work done under the agreement on IRWCMS portal and shall be routed through nominated CDO or nominated Railways authorized person who will issue necessary certificates regarding satisfactory execution of the work during the billing period and forward the same along with all documents whatever is applicable, to Sr. Divisional Mechanical Engineer/C&W/Varanasi office who after scrutiny of the bill will provide necessary passing order for onward payment by Sr. Divisional Finance Manager/Varanasi.
- **Bill Passing Authority** will be Sr. Divisional Mechanical Engineer (C&W), N E Railway,
- **Bill Paying Authority** will be Sr. Divisional Finance Manager, N E Railway.
- **NEFT/RTGS payment:** The tenderer(s) shall give consent in a mandate form for receiving payment through NEFT/RTGS. The tenderer(s) shall provide the details of bank account in line with RBI guidelines for the same. These details shall include Bank name, Branch name and address, Account type, Bank Account No. and Bank and Branch code as appearing in the MICR cheque issued by the bank. The tenderer(s) should attach certificate from their bank certifying the correctness of all the above mentioned information. The Mandate form is attached as Annexure F.



- If the tender(s) is maintaining account with bank branches having no IFSC code, may get their account transferred to bank branches having IFSC code so that payment can be made through NEFT/RTGS mode as per Central Vigilance Commission's guidelines. The successful tenderer shall be in possession of a valid PAN card. A photocopy of the PAN card shall be submitted to Railway Administration before execution of Agreement for the contract.
- Delay in payment or non-payment of contractor's bill shall under no circumstances be accepted as an excuse for contractor's failure to carry the terms and condition of the contract satisfactorily. Bills preferred by the contractor after six months of its becoming due, must be accompanied by sufficient justification for delay in submission and the administration, reserves the right to reject such claims as barred and untenable. A bill preferred after three years of its becoming due, will under no circumstances be entertained.
- Any penalty if attracted shall also be deducted along with the rate of that item (if any) from the periodical payments.
- All taxes/duties will be deducted as applicable.
- Allocation Head - CAP ( PH-53)

**43. Penalty Clause:- Railway administration may at its discretion impose the following penalties on the Contractor:-**

- A.** The complete Water Hydrant Pipeline at all Railway worksite/Railway Stations as mentioned in the tender document/decided by the Railways is to be supplied, install and commission on turnkey basis within a period of 09 months from the date of issue of Letter of Acceptance (LOA) Railways; failing which Liquidated Damages (LD) as per the SGCC Works April 2022 upto latest correction slips regarding extension of DOC (if needed for supply, installation and commissioning) with or without Liquidated damages shall be imposed on the contractor. This penalty shall be applicable in case delay in commissioning of the Water Hydrant Pipeline is on the Contractor's account and contract period is required to be extended for Supply, Installation, Testing and Commissioning of the Water Hydrant Pipeline(s). The decision of the Railway Administration as to whether such delay is on account of Contractor shall be final and binding and the contractor would have no claim in this regard.
- B.** If work is not started after 15 days after the issue of LOA, penalty @ Rs. 500 per day shall be imposed on the contractor till the work gets started. For this purpose the contractor shall intimate in writing to this office and the concerned consignee at worksite that the work has been physically started by the contractor at the worksite(s).
- C.** GA Drawing for all worksites must be submitted by the contractor within 15 days from the date of issue of LOA failing which penalty @ Rs. 200 per day shall be imposed on the contractor till the GA drawing for all worksites is submitted by the contractor as per the scope of work.
- D.** A penalty of Rs 1000/-(Rs. One Thousand Only) per water hydrant pipeline per day or part thereof during warranty period for each day (after 48 hrs from the time of intimation, including the day on which the complaint is communicated to the contractor through e-mail/Letter/watsapp/text messages/telephonic conversation, for this purpose contractors shall have to give one e-mail ID, whatsapp enabled mobile number, time for transmission of any information about break down shall be treated on the basis of time of sending e-mail, whatsapp/text messages/time of phone call by CDO/BSBS or CPR or MAU or Sr. DME/C&W/BSB office or Supervisor of Railways or SSE In charges) that any of the water hydrant pipeline/Pipes/Fittings/Equipments/accessories etc. supplied and installed by the contractor are leaky and not functioning at their full efficiency resulting in sub optimal output from the water hydrant pipeline till they are attended satisfactorily. Service engineer shall be expected to be available at the earliest for attending to any problem being encountered in operation of the water hydrant pipeline at each railways station or for any other reason what so ever.

- E.** A penalty of Rs. 500/- (Rupees Five Hundred only) per water hydrant pipeline per day or part thereof for each day that the contractor does not visit water hydrant pipeline site for carrying out the necessary preventive maintenance schedules and checks as specified during the warranty period as per the dates decided mutually and duly recorded in writing well in advance by the tenderer and authorized Railway representative. The consumables/spares required for preventive maintenance etc. are included in the scope of work and no additional payment shall be made by Railways for the same.
- F.** In case of complete breakdown/Non Functioning of the Water Hydrant Pipeline (**during warranty period**) a penalty shall be imposed as under:-

S. No.	Duration	Penalty amount (in Rs.)
<b>a</b>	For first 48 hours, from the time of intimation of the complaint is communicated to the contractor through e-mail/Letter/watsapp message/text message/telephonic conversation etc.	Nil
<b>b</b>	For next 72 hours	Rs. 100/- per hour (One Hundred Rupees per hour )
<b>c</b>	Thereafter	Rs 200/- per hour (Two Hundred Rupees per hour )

**44. Cancellations or Suspension of Contract:** The Railway Administration shall be at liberty at any time without giving any reason to suspend temporarily or terminate permanently this contract on giving 7 days notice in writing to the contractor and the contractor shall not be entitled to any claim or compensation by reason thereof.

**45. Conditions of Contract:** In addition to these Special terms & conditions as laid down above, the above work will be subject and to be executed as per SGCC Works, April 2022 up to latest correction slip.

**46. Errors, Omissions and Discrepancies:-***The tenderer/contractor shall not take advantage of any misinterpretation of the conditions due to typing or any other error and if any in doubt shall bring it to the notice of the Engineer without delay. In case of any contradiction, interpretation, Railways competent authority decision shall be final and binding on the contractor.*

# **SCOPE OF WORK**

## **Name of Work :- Provision of New Carriage Watering Hydrant facilities at various stations of BSB Division.**

1. The work involves Provision of New Watering Hydrant Pipelines at various stations of Varanasi Division and dismantling of old watering Hydrant Pipelines at few stations of Varanasi Division on turnkey basis (including loading and unloading of material at all sites) as per following details :-

SN	Description	Quantity	Remark
1	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length at line no. 04, line no. 10 & 400 meter length at line no. 02 & 03 at PRRB station	4.00	<b>As per Details at SOR/BOQ/NIT Annexure J</b>
2	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length between line no. 01 & 02 , line no 3&4 ,line no. 10 & line no. 11 at ARJ station	4.00	
3	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length & dismantling of old Hydrant at PF No. 05 at BCY Station	1.00	
4	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length & dismantling of old Hydrant at PF No. 01 at BSBS Station	1.00	
5	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length between line no. 01 & 02 at CPJ station	1.00	
6	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length at line no. 02 at SV station	1.00	
7	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length at line no. 06 at GCT station	1.00	
8	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length at PF no. 01& between PF no 3&4 at Jhunshi Station	2.00	
9	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length between line no. 07 & 08 at MAU station	1.00	

2. The subject work is to be done at various Railway stations of Varanasi Division/NER. Viz. PRRB (Prayagraj Rambagh), ARJ (Aurinhar Jn.), BCY (Varanasi City), BSBS (Banaras),CPJ (Kaptanganj), SV (Siwan), GCT (Ghazipur City), JI (Jhunshi), MAU (MAU).
3. The Work is for installation of New Watering Hydrant Pipeline at various stations and dismantling of already existing old watering hydrant pipeline. The existing watering hydrant pipelines laid earlier at BSBS (Now BNRS), BCY has developed leakages and damages at multiple locations. Hence, it is proposed to replace the damaged watering hydrant pipeline by a new watering hydrant pipeline.

4. The contractor shall Work under this section shall consists of furnishing all labor, materials, equipment and appliances necessary and required to supply ( including loading and unloading of materials) install and commission the watering system, drainage/ pumps as described herein after and given in the NIT and/or shown on the drawings.
5. The scope of work broadly includes, but is not limited to, the following activities as per layout available at Annexure U.
  - (i) Inspection of site where installation of new watering hydrant pipeline is to be laid, marking, and identification of damaged portions of the existing water hydrant supply pipeline.
  - (ii) The work is to be carried out by the trackside. Therefore, obtaining NOC (No objection certificate) from the other concerned deptt. of the Railways viz. Operating, Signal & Telecom, Electrical, Electrcial/TRD, Engineering etc. in coordination/consultation of the Railway mechanical supervisor/officer, Engineer Incharge of the Mechanical Department at each worksite .
  - (iii)It is primary responsibility of the contractor to obtain all necessary permissions, parvanas etc. from all concerned authorities such as Forest, Revenue Department, NMMC, Traffic Police, etc., if necessary . However, Railway may provide necessary help for obtaining the permissions. Contractor is not entitled for any compensations such as idling of machinery, staff etc. on account of any delay in the work for getting these permissions.
  - (iv)Excavation of trenches in all kinds of soil, including mechanical/manual excavation, shoring, dewatering (if required), dressing of sides and bottoms, and disposal of surplus earth as directed.
  - (v) Providing and laying in position cement concrete of specified grade –All work upto plinth level .
  - (vi) Centering and Shuttering including strutting, propping etc. and removal of form work for: foundation, footings, base for columns (CC work).
  - (vii) Dismantling, cutting, removal, and safe disposal of damaged CI/DI/GI pipes, including breaking of joints, removal of lead/caulking material, and stacking or disposal as per Engineer-in-Charge's instructions.
  - (viii) Supply, laying, jointing and fixing of 150 mm dia DI pipes (K-9 class) conforming to IS: 8329 with suitable rubber gasket joints, including all fittings, specials, bends, and accessories as per the details in Technical Specification clause of this tender document .
  - (ix) Providing proper support to the laid DI pipes 150 mm through MS channel (75 X 40 mm) & MS angle (50 X 50 X 6 mm) and fastening through clamps, MS stays , bolts and nuts .
  - (x) Making connection of G.I. distribution branch 40 mm through GI pipe by providing and fixing tee including cutting and threading. As per Layout at Annexure U.
  - (xi) Lowering, alignment, jointing, and proper bedding of DI pipes to required gradients and alignment.
  - (xii) Construction of thrust blocks, anchor blocks, and supports wherever required.
  - (xiii) Backfilling of trenches with selected excavated soil, watering, ramming, and consolidation in layers as per specifications.
  - (xiv) Surface dressing and restoration of ground, roads, pathways, and affected areas to original condition or as directed.
  - (xv) Providing and Laying Cast Iron Pipe, Class B (IS: 1536) 150 mm dia. for connection of laid hydrant pipeline to existing source of water at each worksite.

- (xvi) All other accessories, fittings, equipments etc. as per the Schedule of work laid in the NIT duly following the layout placed at Annexure U.
- (xvii) Shifting/diversion of existing pipeline, if required, to suit site conditions and railway construction constraints.
- (xviii) Coordination with Engineering, Electrical, S&T, and other Railway departments during execution of work.
- (xix) All miscellaneous, incidental, and ancillary works required for successful completion and commissioning of the pipeline.
6. The Tenderer shall have to bear a complete warrantee for satisfactory working of installed items for a period of Eighteen Month from the date of commissioning of Watering Hydrant pipe line at each worksite. During the said period if the leakage is found in pipe lines, ball valves and any other fittings then the same shall be replaced/repared by the contractor at his own cost and risk and within the stipulated time period as mentioned in this tender document.
  7. Some length of Watering Hydrants Pipe line may have to be fitted underground. The contractor shall have to be ready for such type of works as per proper guidelines given to them by railways.
  8. Pipes, valves, flanges, nipples and other miscellaneous items supplied by the contractor for installation purpose should be as per the technical details as mentioned in Technical Specification clause of this tender document.
  9. All materials shall be new of the best quality conforming to specifications and subject to the approval of Department. All equipment shall be of the best available make manufactured by reputed firms or specified makes.
  10. All equipment shall be installed on suitable foundations, true to level and in a neat workman like manner.
  11. Equipment shall be so installed as to provide sufficient clearance between the end walls and between equipment to equipment.
  12. Contractor shall provide all tools, equipment, meeting and testing devices required for the subject work.
  13. On award of work, contractor must submit a detailed GA Drawing (General Arrangement) of each worksite after consultation with consignee at workplace. The GA drawing first will be submitted to the consignee at each worksite for approval and after approval of the consignee on GA Drawing it must be submitted to to DRM (M) office for final approval. The GA Drawing must be submitted within 15 days from the date of issue of LOA and Railways to give approval of GA drawing within 10 days from the receipt of the GA drawings. If any modification/correction is required in the GA drawing as desired by the Railways, the contractor shall rectify/correct/modify the GA drawing and has to re-submit it within 05 days from returning date of GA drawing by the Railways. Railways to give approval within 05 days from date of resubmit of GA drawing by the contractor.
  14. The work has to be executed near Railway tracks. Therefore, Safe Working of Supervisors/labors of Contractor for above work will be the responsibility of the contractor. In case of any mishap, accident or casualty Railway will not be responsible.
  15. The contractor has to comply and maintain the Hydrant Work as per the IR–SOD (Indian Railways–Schedule of Dimensions). Nominated Railway Supervisor at worksite shall ensure compliance of IR–SOD by the contractor. The contractor shall have to work in consultation of the nominated Railway supervisor, Engineer–In charge at each worksite.
  16. The work must be started by the contractor after 15 days of the issue of LOA, otherwise penalty shall be imposed as per penalty clause of the uploaded tender document.
  17. Within the framework of the scheme/GA Drg. As submitted by the tenderer & acceptable to Railways, Railways shall have the right to effect suitable minor modifications as necessitated for the work .
  18. The tenderer shall be responsible for the working of the hydrants repaired by his staff for ensuring satisfactory working for the entire contract period including Warranty and maintenance period.

19. Power supply required by Contractor for work, if any, will be provided by the Railway on chargeable basis in accordance with SGCC Works, April 2022 upto latest correction slips. For places where Power supply is not possible by Railways, contractors have to make his own arrangement. Water will be also provided by the Railway chargeable basis in accordance with SGCC Works, April 2022 upto latest correction slips.
20. After the completion of work, firm shall have to ensure that all the hydrants are in working conditions. If any defect/leakage found, penalty will be imposed as per the penalty clause and the contractor shall have to rectify it without claiming any extra charge. If contractor fails to comply this, a joint report shall be prepared by Railways and necessary deductions will be deducted from firm's pending bills or SD money or Performance Guarantee.
21. Apart from above Scope of work, Railway Reserves the right to increase/ decrease/ modify/clarify the above scope of work in Railways interest and the contractor shall have to accept without any claim whatsoever.

## **22. LIST OF APPROVED MANUFACTURERS & SUPPLIERS:-**

All materials and products shall conform to the relevant standard specification, BIS codes and other relevant codes etc.

The list of approval makes for products and materials is given below. Other equivalent manufactures may be considered with prior approval of the engineer if found conforming to all standards, subject to submission of documentary proof of non- availability of the material, from the approved Manufactures listed below:

SN	Description of material	Approved Manufacturers
1.	Cement	Ultratech, ACC, GRASIM, Ambuja J K and Birla
2.	Reinforcing steel bars	TISCO, SAIL, RINL, Jindal, Electro Steel, Shyam Steel, or (any other primary steel manufacturers) as per latest RDSO vendor list.
3.	Structural steel	TISCO, TATA, SAIL, RINL, Jindal (any primary steel manufacturers)
4.	Admixture	FOSROC, SIKa or approved equivalent.
5.	Shuttering oil	FOSROC, S IKA or approved equivalent.
6.	Paint	Asian Paint, Berger, Nerolac, ICI Dulux
7.	Glazed/ceramic Tiles	Johnson, Kajaria, Bell, Nitco, Spartek or approved equivalents
8.	G. I. Pipe	Tata, Zenith, Bharat, Prakash with ISI mark equivalent
9.	Flushdoor	Sejpal, Kutty, Orchidor other approved brands.
10.	Glazing	Hindustan, Pilkington, triveni, Float glass of Modi ASAHI or approved equivalent
11.	Aluminum frames/ Shutters	Jindal, Indian Aluminium section or approved equivalent
12.	Hardware	Shalimar, Navbharat, Amarbhoy Dossaji or approved equivalent
13.	Sanitary fittings	ISI marked or approved equivalent
14.	GI fittings	ISI marked or approved equivalent
15.	Sanitary ware	Cera, Hindustan, parryware, Johnson or other approved equivalent brands.
16.	PVC pipe	Prince, Supreme or approved equivalent with ISI mark.
17.	Waterproofing materials	Dr. FIXIT, Sunanda, Fosroc, SIKa or approved equivalent.
18.	Shuttering oil	FOSROC, SIKa or approved equivalent.

### **Note :-**

- (i) Contractor shall ensure that material source and material are approved by Engineer-in-charge before commencement of work.
- (ii) The material for which manufactures are approved by RDSO, manufacture's approval should be within validity period.

## **TECHNICAL SPECIFICATIONS**

### **1) GENERAL**

These special Conditions are applicable to all items including USSOR, DSR & N.S. items. These will be over and above the Indian Railways Unified Standard Specifications (IRUSS) (Works and Materials) 2010.

- **CODAL PROVISIONS:-** All the work is to be carried out by and large as per the latest amended versions of the following relevant IRS and IS codes. In case of any discrepancy or disagreement between different specifications to be followed for any item of work, the following references shall be made in order of precedence as they appear below:-

- (i) Provisions in these documents
- (ii) IRS codes of Practice/Standard specifications.
- (iii) IS codes
- (iv) Provision of any other relevant code.

However, the above precedence can be changed by the Engineer in charge as per actual site requirement and his decision with respect to the applicability/order of priority shall be final and binding. Contractor will be responsible to arrange adequate copies of each of the relevant codes/specifications/manuals at site of work at his own cost.

- **Setting out works:-** The contractor shall be responsible for the true and proper setting out of the works for correctness of the position, levels, dimensions and alignment of all parts of work and for provision of all necessary pegs, reference pillars, instrument, equipment and appliances and labour in connection therewith. If at any time during the progress of the work any error shall appear or arise in the position of levels, dimensions or alignments at any part of the works, the contractor on being required to do so by the Engineer in charge shall at his own expense rectify such errors to the satisfaction of the Engineer in charge and he shall carefully protect, preserve secure all bench marks site rails, pegs, reference pillars and other things used in setting out of the works.
- **Approval of Materials:-** Samples of all materials viz. fine aggregate/sand, coarse aggregate, water, admixtures, paints, boulders, stones, cement, steel, GI/DI/CI water pipes, GI fittings, hydrant valves, hose pipes wood required for excavation/foundation/formwork, fittings and fastenings including locking arrangements as well as all sanitary and water supply fittings etc. should be submitted as directed to Engineer in charge and shall be used in the work only after his specific approval. Approved samples should be deposited with the Engineer in charge or his representative. Compliance of this to be strictly followed by the contractor and to be ensured by Railways Supervisor and Engineer In charge at worksite.
- The Railway will have the right to check the quality of any material required/ used for construction like cement, steel, sand, coarse aggregate, admixtures, bricks, timber and concrete cubes etc. for its conformity with specification. The testing charges will have to be borne by the contractor.
- The concrete mix design should be based on the procedure given in IS: 10262.
- The limits for maximum water cement ratio for design mix shall be based on environmental conditions as per IR Concrete Bridge Code.
- The limits for maximum water cement ratio for different environmental conditions shall be as per IR Concrete Bridge Code.

**1.1 Indian Railways Unified Standard Specifications (IRUSS) (Works and Materials) 2021:-**

For Materials & works IRUSS shall be adopted. Some additional specifications are added herewith. Notwithstanding any provisions made in the IRUSS 2021, the provisions made in the technical specifications shall be binding. In the absence of any specification for any work on material the relevant Indian standard specification would be applicable and where no Indian standard specification exists, relevant international specification or the specification given by Railway would be followed. Decision of Railway pertaining to specification(s) would be final and binding on the contractor.

**1.2 CPWD DSR Vol. I and Vol. II :-** The work should be carried out as per Delhi-CPWD specifications and Indian Railways Unified Standard Specifications-2021 as corrected upto date of opening of Tender, approved plans and drawings issued for the work and specification of work laid hereunder.

- 2) EARTH WORK EXCAVATION:-** After the site has been cleared, the limits of excavation shall be set out true to lines, curves and slopes.
- (i) The contractor shall have to carry out Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in charge.
  - (ii) Excavation shall be taken to width at the lowest step of the foundation and the sides shall be left plumb where the nature of soil allows it. Where the nature of soil or the depth of the trench and season of the year do not permit vertical sides, the Contractor at his own expense shall put up necessary shoring, strutting and planking or cut slopes to a safer angle or both with due regard to the safety of personnel and works and to the satisfaction of the Engineer in charge.
  - (iii) The depth to which the excavation is to be carried out shall be as shown on the drawings, unless the type of material encountered is such as to require changes, in which case the depth shall be as ordered by the Engineer. At each worksite .
  - (iv) Excavation for foundation/foundation works etc. shall also include any wet excavation that may be met with. For the wet excavation or bailing out water with or without mechanical means or for any other precautions of work which may be found necessary during the course of execution. Even if any springs of water are met with, payment shall be made as per the SOR mentioned in NIT and this tender document.
  - (v) At the discretion of the Contractor, cement grouting or other approved methods may be used to prevent or reduce seepage and to protect the excavation area.
  - (vi) The Contractor shall take all precautions in diverting channels and, in discharging the drained water as not to cause damage to the works or any other property. No separate payment shall be made on this account.
  - (vii) The bottom of the foundation shall be leveled both longitudinally and transversely or stepped as directed by the Engineer. As rock or other hard strata is being to be encountered, it shall be freed of all soft and loose material, cleaned and cut to a firm surface either level and stepped as directed by the Engineer.
  - (viii) Backfilling shall be done with approved material after concrete is fully set and carried out in such a way as not to cause undue thrust on any part of the structure. All space between foundation concrete and the sides of excavation shall be refilled to the original surface in layers not exceeding 150 mm compacted thicknesses. The compaction shall be done with the help of suitable equipment such as Mechanical tamper, rammer, plate vibrator etc., after necessary watering, so as to achieve a density not less than the field density before excavation.



- (ix) No payment will be made for any earthwork sinkage below ground level due to soil conditions and payment will be made only based on the original ground levels recorded before the commencement of the work and finished profile of the work. The contractor should study the site conditions before tendering.
- (x) No separate payment will be made for site clearance or jungle clearance or shrubs clearance, bush wood, grass or other obstructions including small trees of girth and the rates accepted in this contract are deemed to include all such costs.
- (xi) All the excavated materials shall be the property of the Railways. The good/usable material obtained from the excavation of foundation shall be used for back filling of foundation, and the existing pits in the right-of-way and filling in that embankment, including loading of surplus good earth into truck, transporting, unloading, spreading, watering, ramming, levelling, etc. with all lifts and lead as per specifications of Earthwork and as directed by the Engineer. Unsuitable and surplus material not intended for use shall also, if necessary, be transported with all lifts and lead, disposed of out of railway land or used as directed by the Engineer and no extra payment shall be admissible.
- (xii) **CODES OF SPECIFICATIONS :-** The execution of earthwork including completion of the same shall conform to the latest version of codes of practice mentioned below with the amendment incorporated upto the date of opening of this tender.
- I. IS-2720 Part II 1973 method of tests for soil determination of water contents (II Edition).
  - II. IS-2720 Part III section I of 1980 method of tests for soil determination of specific gravity.
  - III. IS-2720 Part IV 1983 method of test for soil grain size analysis.
  - IV. IS-2720 Part V 1985 determination of liquid and plastic limit.
  - V. IS-2720 Part VIII 1983 determination of moisture contents dry density using heavy compaction.
  - VI. IS-2720 Part XIV 1983 determination of density index (Relative density) of a cohesion less soil).
  - VII. IS-2720 Part XVII 1992 method of test for soil determination of field moisture equivalents.
  - VIII. IS-2720 Part XXIX 1975 determination of dry density of soil in place by the core cutter methods.
  - IX. IS-1498-1970 classification and identification of soils for General Engineering purpose.
  - X. IS-10379-1982 code of practice for field control of moisture and compaction of soils for embankment and sub-grade.
  - XI. Indian Railways Unified Standard Specifications (IRUSS) (Works and Materials) 2010.
  - XII. Guide lines for earthwork in Railway Project (1987) Published by RDSO-Lucknow & RDSO guidelines GE-G-1 – July, 2003, GE-2 of 2005 & GE:0014 November 2009.
  - XIII. IS 2720 Part XVII 1987– Determination of CBR Value in lab.
  - XIV. IS 2720 Part XXXI (Part 31) 1969 – Determination of CBR value in field.
- In case there is any variation in the different codal practices, the decision of Engineer In Charge in regard to the practice to be followed shall be final and binding on the contractor/s.

**3) Providing and Laying in Position Cement Concrete (STRUCTURAL CONCRETE WORK):-**

- (i) After excavation, at first, the contract shall have to provide and lay in position cement concrete of specified grade. All work up to plinth level :1:4:8 (1 Cement: 4 coarse sand (zone-III) derived from natural sources: 8 graded stone aggregate 40 mm nominal size derived from natural sources).
- (ii) After executing work mentioned above at point no. (i), the contractor then Provide and lay in position cement concrete of specified grade. All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources).

**(iii) Cement:-**

- a. Cement older than 3 months from the date of manufacture shall not be used.
- b. The cement used shall be any of the following, with prior approval of the engineer in charge.
- c. Ordinary Portland Cement (53 grade) conforming to IS 12269- 1987.
- d. Ordinary Portland Cement (43 grade) conforming to IS:8112-1989.
- e. Ordinary Portland Cement (33 grade) conforming to IS:269-1989.
- f. Portland slag cement confirming to IS:455-1989.
- g. Portland pozzolana cement confirming to IS:1489 (Part-I) -1991 fly ash based

**Note:-**

- All updated specifications up to date of opening of tender are applicable.
- Only ready made Portland Pozzolona Cement [confirming to IS:1489 (Part-I) -1991 fly ash based] shall be allowed to use. Mixing of fly ash and OPC cement at site/ RMC plant to produce Portland Pozzolona Cement shall not be allowed.
- Cement manufactured by any of the following brands/ companies shall only be allowed to used.
  - 1) Ambuja
  - 2) ULTRATECH
  - 3) ACC
  - 4) Birla
  - 5) Grasim
  - 6) JK

OR similar approved equivalent brand as mentioned in Special Condition of the Contract.

**(iv) Sand:-** Sand shall be supplied as per mentioned specifications above (point no. 3 (i, ii ).

- a. Sand if found too coarse, shall be suitably blend with finer sand obtained from approved sources to obtain desired grading. The provision of two types of sand, their stacking separately and their mixing in specified proportion shall be at contractor's cost. The sand shall not contain silt, shale, clay and other weak particles as specified in relevant specifications.
- b. The grading of sand shall conform to IS 2386 /IS: 383. The sand shall be screened on a 4.75mm size screen to eliminate over size particles. The sand shall be washed in screw type mechanical washers in potable water to remove excess silt, clay and chlorides wherever required. It should be done one day before concreting. The washed sand can be stored on a sloping platform and in such manner as to avoid contamination.
- c. The river sand shall not contain silt more than a total of 3% by weight. Chloride content in sand shall not be greater than 0.04% by weight.

**(v) Stone :-** Sand shall be supplied as per mentioned specifications above (point no. 3 (i, ii ).

- a. Coarse aggregates for the works shall be stone as per sizes mentioned above (point no.3 (i,ii) conforming to IS:383 obtained from natural sources.

Coarse aggregate containing flat or flaky pieces or mica shall be rejected.

**b. Test frequency for COARSE AGGREGATE**

[Confirming to IS: 383-1970, IS-2386-1963 & IS: 456-2000]

**(vi) FORMWORK :-**

- a. Formwork includes Centering and shuttering including strutting, propping etc. and removal of form work for: foundation, footings, base for columns (CC work).
- b. Formwork shall include all temporary or permanent forms required for forming the concrete of the shape, dimensions and surface finish as shown on the drawing or as directed by the Engineer, together with all props, staging, centering, scaffolding and temporary construction required for their support.

- c. Materials and components used for formwork shall be examined for damage or excessive deterioration before use and shall be used only if found suitable after necessary repairs. Forms shall be constructed with metal. The metal used for forms shall be of such thickness that the forms remain true to shape. The use of approved internal steel ties or steel or plastic spacers shall be permitted. All shuttering plates, props, H frames, screw jacks and all necessary fittings required for formwork shall be of steel. Wooden planks and props shall not be allowed to be used for formwork and staging work.
- d. The formwork shall be robust and strong and the joints shall be leak-proof.
- e. As far as practicable, clamps shall be used to hold the forms together.
- f. The formwork shall be lined with material approved by the Engineer so as to provide a smooth finish of uniform texture and appearance. This material shall leave no stain on the concrete and so fixed to its backing as not to impart any blemishes. It shall be of the same type and obtained from only one source throughout for the construction of any one structure. The contractor shall make good any imperfections in the resulting finish as required by the Engineer. Internal ties and embedded metal parts shall be carefully detailed and their use shall be subject to the approval of the Engineer.
- g. Special measures in the design of formwork shall be taken to ensure that it does not hinder the shrinkage of concrete. The soffit of the formwork shall be so designed as to ensure that the formwork does not restrain the shortening and/or hogging of beams during pre-stressing. The forms may be removed at the earliest opportunity subject to the minimum time for removal of forms with props retained in position.
- h. Close watch shall be maintained to check for settlement of formwork during concreting. Any settlement of formwork during concreting shall be promptly rectified

**i. Preparation of Formwork before Concreting**

- The inside surfaces of forms shall, except in the case of permanent form work or where otherwise agreed to by the Engineer be coated with a release agent supplied by approved manufacturer or of an approved material to prevent adhesion of concrete to the formwork.
- Before re-use of forms, the following actions shall be taken:-
  - The contact surfaces of the forms shall be cleaned carefully and dried before applying a release agent.
  - It should be ensured that the release agent is appropriate to the surface to be coated. The same type and make of release agent shall be used throughout on similar formwork materials and different types should not be mixed.
  - The form surfaces shall be evenly and thinly coated with release agent. The vertical surface shall be treated before horizontal surface and any excess wiped out.
  - The release agent shall not come in contact with reinforcement or the hardened concrete.
  - All forms shall be thoroughly cleaned immediately before concreting.
  - The Contractor shall give the Engineer due notice before placing any concrete in the forms to permit him to inspect and approve the formwork, but such inspection shall not relieve the contractor of his responsibility for safety of formwork, men, machinery, materials and finish or tolerances of concrete.

**j. Removal of Formwork:-**

- The scheme for removal of form work (i.e. de-shuttering and de-centering) shall be planned in advance and furnished to the Engineer for scrutiny and approval. The form work shall be so removed as not to cause any damage to concrete. Centering shall be gradually and uniformly lowered in such a manner as to permit the concrete to take stresses due to its own weight uniformly and gradually and any shock or vibration to structure is avoided.
- When form work is dismantled, its individual components shall be examined for damage and damaged pieces shall be removed for rectification. Such examination and rectification shall always be carried out before being used again. Before re-use all components shall be cleaned of deposits of soil, concrete or other unwanted materials. Threaded parts shall be oiled after cleaning.

➤ **Providing and Laying Double Flanged (Screwed/Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K-9 conforming to IS:8329:150 mm dia double flanged:-**

The Contractor shall have to do complete laying work of Hydrant pipe line of 150 mm dia. Double Flanged (Screwed/Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K-9 conforming to IS:8329: 150 mm dia double flanged at respective Railway stations.

Laying of 150 mm dia. DI pipes will be done according to the Schematic layout as provided at Annexure U of this tender document or as per the decision of the consignee after obtaining approval from office of DRM(M) Varanasi . The DI Pipes shall be supplied with complete fittings and accessories. It should be of TATA/JINDAL make or similar reputed brand .

These pipe lines shall be used for the purpose of Watering in Coaches.

The Pipe to be laid should conform the specifications IS: 8329 as mentioned above.

Rubber Gaskets of best quality to be installed between flanges at joint(s) should be of the following material options for preventing leakage of water :-

EPDM (Ethylene Propylene Diene Monomer).

The contractor shall have to submit sample(s) prior to installation of water hydrant pipeline and installation to be done after approval of Railways Engineer In charge .

➤ **Providing and Fixing of 40 mm dia. GI Pipe and GI Tee**

These pipes shall be connected to 150 mm dia. Hydrant Pipe line with the help of GI Tee, 150x150x40 mm and shall be laid as per the Schematic layout provided at **Annexure U** or as per the requirement of the consignee after obtaining approval from office of DRM(M) Varanasi .

The GI Pipes shall be supplied with GI Sockets. The Pipe to be laid should have the following Specification:-

1. It should be GI medium Class pipes with IS-1239 part-I & other relevant IS specifications of TATA/JINDAL make or similar.
2. Dia. of pipe = 40 mm, Wall thickness = 3.20 mm  $\pm 5\%$  or as per the IS-1239 & other relevant IS specification.
3. Approx. Weight per meter = 3.60 Kg  $\pm 5\%$  or as per the IS-1239 & other relevant IS specification.

➤ **Providing and laying Double Flanged (Screwed/Welded) Centrifugally (Spun) Cast Iron, Class B (IS:1536):150 mm dia C.I. Double Flanged Pipe**

- The Contractor shall have to supply and fix 150 mm Dia. Double Flanged (screwed/welded) Centrifugally (Spun) Cast Iron, Class B (IS:1536):150 mm dia. C.I. Double Flanged Pipe.

The Flanged CI pipe should be of TATA/JINDAL make or similar reputed brand. It shall be used for the purpose of connection of hydrant pipe line to the source pipe line.

It should conform the specifications IS: 1536 as mentioned above.

The CI Pipes shall be supplied with complete fittings and accessories.

➤ **Providing and fixing CI sluice valves with (cap) complete with bolts and nuts, rubber insertions 150 mm dia class 1:-**

The Contractor shall supply Sluice valve of size 150 mm dia. and fix it at the suitable location as per actual site condition according to requirement of the consignee at worksite. The sluice valve should be of ZOLOTO/AUDCO make or similar reputed brand. These valves shall be fitted between either end of Hydrant watering pipe line and Source water pipeline or as per requirement of the consignee at worksite.

**Following are the specification(s) of sluice valve to be supplied under this contract:-**

SN	Description	Specifications ( Value)
1.	<b>Governing Specifications</b>	As per IS 14846 ( Latest )
2.	<b><u>Material and Finish</u></b>	As per Clause 6 and Table 1 of Governing Specification
	Materials for Component Parts of Sluice Valve	
	Coating	As per Clause 9 of Governing Specification
3.	<b><u>Dimensions</u></b>	PN 1.6
	Nominal Pressure Rating ( In MPa)	
	Nominal Size of Valve ( In mm)	150
4.	<b>Accessories/Features</b>	Suitable Locking arrangement for hand wheel, Suitable Valve gate position indicator, Suitable Anti-friction devices, Suitable Valve Headstock for manual operation, Suitable gunmetal scour or cast iron cleaning door at the bottom of the sluice valve body, Suitable By-Pass arrangement valve, Suitable power drive, Suitable Easing Screw, Suitable Air Release plug, Suitable Drain Plug, Suitable Channel and shoe arrangement, Suitable Gearing arrangement ,Suitable Chain and Wheel arrangement, Suitable Riveted seat rings in the body, Suitable Pipe flanges drilling and dimension
5.	<b>Material Test Certificate</b>	From Govt./NABL accredited/OEM lab for chemical composition, physical properties or Inspection certificate shall be submitted along with material supply .

➤ **Providing and fixing of Hydrant water control valve with detachable handle,40 mm dia:-**

The contractor will have to supply and fix the 40 mm size Hydrant water control valve (Ball valve) with detachable key having both end Screwed.

It should be of ZOLOTO/AUDCO make or similar reputed brand. It should be ISI marked.

➤ **Following are the specification(s) of Hydrant water control valve with detachable handle, 40 mm dia to be supplied under this contract:-**

SN	Description	IS Standard /Material Specification
1.	<b>Body</b>	WM-350 IS:14329
2.	<b>Body-2</b>	WM-350 IS:14329
3.	<b>Cover</b>	WM-350 IS:14329
4.	<b>Ball</b>	SS AISI 304
5.	<b>Spindle Screw</b>	SS AISI 304
6.	<b>Special Nut</b>	SS AISI 304
7.	<b>Lock Nut</b>	SS AISI 304
8.	<b>Locking Plate</b>	SS AISI 304
9.	<b>Gasket</b>	NITRILE/PTFE
10.	<b>Handle Forged</b>	IS 1875 CI-IV

➤ **Providing and fixing of GI (Galvanized Iron) nipple 40 mm dia. & 100 mm length:-**

The contractor shall have to supply GI nipples having both end threaded of size 40 mm dia and 100 mm length. The nipples should be fixed with the Hydrant water control valve and GI reducer ensuring that there should no water leakage in future. It should be as per the layout provided at Annexure U of this tender document. The nipples should be made of TATA/JINDAL Make or similar reputed brand. It should be ISI marked. Must be supplied as per IS specifications IS 1239 (PART-11).

➤ **Providing and fixing of GI ( Galvanized Iron) Reducer ,40\*20 mm:-**

The contractor shall have to supply and fix GI Reducer of size 40 x 20 mm as per the layout as provided in Annexure U. It should be of TATA/Jindal make or similar reputed brand. It should be ISI marked. Material should be supplied as per IS specification IS 1879:2010.

➤ **Providing and fixing of GI (Galvanized Iron) nipple 20 mm dia. & 100 mm length:-**

The contractor shall have to supply GI nipples having both end threaded of size 20 mm dia and 100 mm length. The nipples should be fixed with the Hydrant water control valve and GI reducer ensuring that there should no water leakage in future. It should be as per the layout provided at Annexure U of this tender document. The nipples should be made of TATA/JINDAL Make or similar reputed brand. It should be ISI marked. Must be supplied as per IS specifications IS 1239 (PART-11).

➤ **Supplying and Fixing of 25 mm dia hose pipe:-**

The contractor shall supply the water hose pipe of 25 mm outer dia. and other specifications as per IS:444. The hose pipes should be synthetic fiber braided or plies of woven textiles with smooth/cloth marked/fluted rubber cover conforming to. The contractor will ensure to fix these pipes with the nipples of 20 mm dia. with the help of Jubilee Clips/warm Clips. Suitable arrangement should be made to hold these pipes with the supporting structure when not in use .

**Working Pressure :-** 10 Kg/cm<sup>2</sup> . Must be ISI marked and reputed brand.

➤ **Providing and fixing of GI elbow,20 mm dia& 150 mm curved:-**

The contractor shall have to supply and fix GI Elbow of size 20 mm as per the layout provided in Annexure U. It should have internal threads at both ends. It should be of TATA/Jindal make or similar reputed brand. It should be ISI marked. Must be supplied as per IS Specifications: 1239 (Part-11)

➤ **Supplying and fixing of MS Channel (75X40 mm) & MS angle (50X50X6 mm):-**

The contractor shall have to supply and fix MS Channel 75 X 40 mm conforming to specification IS:808/89 AND MATERIAL STEEL TO IS:2062-2011 GRADE E250A(Fe 410W).

The MS channel shall be used for providing support to the Hydrant Pipeline as per Annexure U of this tender document.

The contractor shall have to supply and fix MS Angle 50 X 50 X 6 mm conforming to specification Spec: IS: 2062, E250 Gr.- BO/BR Make: SAIL or Equivalent.

The MS Angle shall be used for providing support to the Hydrant Pipeline as per Annexure U of this tender document.

➤ **Clamps and M.S. stays including bolts and nuts for hydrant pipeline :-**

MS Clamps and MS Stays including bolts and nuts for 150 mm dia. DI hydrant pipeline shall be supplied for fastening purpose of the Hydrant with the support structures. The sizes shall be as per the actual requirement of the consignee at worksite duly approved by the consignee. All bolts and nuts shall be galvanized as per IS 1367-3 (2002) .

➤ **Dismantling of old CI/GI/DI pipes :-**

The contractor shall have to dismantle old CI/GI/DI pipes including excavation and refilling trenches after taking out the pipes, breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes at site lead up to 50M up to 150 mm pipe or as per direction of site in charge.

### Acceptance OR Deviation Schedule

(MANDATORY)

### Acceptance/Deviation Schedule

**(Tenderer may added more sheets if space is not adequate)**

[illegible]

**Note:- Retype Annexure C, if space provided is inadequate (to be filled ,signed with date, stamped and submitted by the authorized signatory of the tenderer)**



**LIST OF KEY PERSONNEL/ORGANISATION AVAILABLE ON HAND AND PROPOSED TO BE ENGAGED**  
**FOR THE SUBJECT WORK (MANDATORY)**

[illegible]

**Note :- Retype Annexure D, if space provided is inadequate (to be filled ,signed with date, stamped and submitted by the authorized signatory of the tenderer)**

**Technical details of Tenderers:**

**(To be filled and uploaded by tenderer)**

1. Name/s of Tender/s \_\_\_\_\_  
\_\_\_\_\_  
2. Whether Individual/firm/ \_\_\_\_\_  
Company/Co-operative \_\_\_\_\_  
Society (duly registered) \_\_\_\_\_

**3. Permanent (i) Business address:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**(ii) Residential Address:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**04. If a firm:-**

**(a)** Whether registered or unregistered, Partnership or  
Proprietorship: \_\_\_\_\_  
\_\_\_\_\_

**(b)** Date and No. of Registration under Indian  
partnership Act: \_\_\_\_\_

**NOTE:** True copy, duly attested OR registered Partnership Deed is to be enclosed in case of partnership firm and copy of Certificate of Registration, under Indian Partnership Act, should also be enclosed.

**05. If a Company: -**

**(a)** Whether incorporated in India: \_\_\_\_\_  
**(b)** Names and addresses of Directors: \_\_\_\_\_  
\_\_\_\_\_

**NOTE:-** A certified copy of the (i) Certificate of Incorporation (ii) Memorandum and Articles of Association, and (iii) last audited Balance Sheet and Profit & loss Accounts is to be enclosed.

**06. If a Registered co-operative society of actual workers:-**

**(a)** Name of the Society \_\_\_\_\_  
**(b)** Name of the President \_\_\_\_\_  
**(c)** Address \_\_\_\_\_  
\_\_\_\_\_  
**(d)** Date and No. of Registration of the Society \_\_\_\_\_

**NOTE:-** A certified copy of 1) Certificate of Registration, 2) Memorandum of Articles of the Society,

1) Last audited Balance Sheet and Profit and Loss Accounts should be enclosed with this tender.

**MANDATE FORM FOR EFT/NEFT**  
**(To be filled and uploaded by tenderer)**

**PARTICULARS OF THE PARTY**

- i) NAME: \_\_\_\_\_
- ii) ADDRESS: \_\_\_\_\_
- iii) PHONE NO: \_\_\_\_\_ MOBILE \_\_\_\_\_ FAX NO. \_\_\_\_\_
- iv) INCOME TAX PAN NO. \_\_\_\_\_ email ID \_\_\_\_\_

**PARTICULARS OF BANK ACCOUNT**

- i) CITY: \_\_\_\_\_
- ii) BANK NAME: \_\_\_\_\_
- iii) BRANCH: \_\_\_\_\_
- iv) BANK ADDRESS: \_\_\_\_\_
- v) BANK TEL NO. \_\_\_\_\_ FAX NO. \_\_\_\_\_
- vi) BANK MICR CODE (9 DIGIT): \_\_\_\_\_
- vii) BANK IFSC code: \_\_\_\_\_
- viii) BANK ACCOUNT NO: \_\_\_\_\_

(Please enclose a cancelled blank cheque)

- ix) ACCOUNT TYPE: (SAVINGS/CURRENT/CASH CREDIT): \_\_\_\_\_

Certified that the particulars furnished with reference to Bank Account are correct and the bank guarantees to honor all EFT/NEFT advices/reports as per RBI Regulations

Bank's Seal

Signature of the authorized official of the bank

**DECLARATION BY THE PARTY:** I hereby declare that the particulars given in this mandate form are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, the User institution i.e., Sr. DFM/ NE Railway, Varanasi Division will not be held responsible.

**Date :**

**Signature of the Party with stamp**

**Signature and stamp of Tenderer**

**Declaration/Undertaking**

**(MANDATORY)**

**Name of Work ----- (to be filled in by authorized signatory of tenderer)**

1. I/We declare that I/We have not blacklisted or debarred by Railways or any other Ministry/ Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which I was/am a partner/member. Concealment/wrong information in regard to above shall make the contract liable for determination under clause 62 of the General Conditions of contract.

2. I declare that I/We will abide by the clause 62 of the GCC, Work April 2022 and will follow the said clause of the SGCC throughout the completion of the contract. Also, I have read the SGCC works, April 2022 upto latest correction slips and accept the terms and conditions mentioned therein and will be abide by them throughout the contract.

3. I/We hereby confirm and declare that my/our firm /company M/s..... is not banned for business by any Central Government department /Ministry of Railways as on the date of Bid submission.

4. I/We hereby give undertaking that I/We..... (bidder) have not Suffered Bankruptcy/insolvency up to the date of opening of bids .

5. I/We Promise that I/We will not offer or give any bribe , commission , gift or advantage either himself Or through my/our partner , agent or servant to any officer or employee of the Railway or to any person on his or on their behalf in relation to the execution of this or any other contract with this Railway .

6. I/We will not submit copy of fake documents/certificates in support of credentials.

7. I/We will not fail to afford the Engineer or Engineer's representative proper facilities for Inspectingthe works or any part thereof.

**Signature with date and stamp of the tenderer**

**Format of Identity Card**

<div data-bbox="1084 323 1295 552" style="border: 1px solid black; text-align: center; padding: 20px;">Photo</div> <div data-bbox="1073 611 1349 705" style="text-align: center;">(Signature of contractor on the photograph with his seal)</div>	
<div data-bbox="370 802 769 1331"><ol style="list-style-type: none"><li>1. Sr. No. of the employee</li><li>2. Name of the Establishment</li><li>3. Name of the Employee</li><li>4. Address</li><li>5. Age</li><li>6. Sex</li><li>7. Date of Entry in Service</li><li>8. Designation/Nature of work</li><li>9. Department</li><li>10. Validity of date of Identity Card</li><li>11. EPF No.</li><li>12. ESIC No.</li></ol></div>	
<div data-bbox="350 1400 815 1436"><b>Signature &amp; stamp of the Contractor</b></div>	<div data-bbox="886 1400 1214 1436"><b>Signature of the Employee</b></div>

**General Details of the Tenderer**

Sr. No.	Description	Details
1	Name of the tenderer	
2	Address	
	Mobile Number	
	Telephone Number	
	Fax No.	
	e-mail ID*	
3	Status of the tenderer: individual/ proprietorship firm/ partnership firm/ privatelimited/ public limited/ Society/ Autonomous body (Attach documentary evidence.)	
4	PAN No. (Attach documentary evidence.)	
5	GSTIN No. (If applicable) (Attach documentary evidence.)	
6	EPF Registration No. (Attach documentary evidence.)	
7	ESIC Registration No. (Attach documentary evidence.)	
8	Other Registration details under other applicableLaws (Attach documentary evidence.)	
9	Name of the person signing the tender	
10	Authority for signing the tender	

\* The date of delivery of any letter by Railway to the contractor on the email address will be deemed to be the date of receipt of the same by the contractor. Therefore, contractor should regularly check his incoming emails. If there happens to be any change in the email ID and other contact details, the same should be communicated by the contractor to Railways immediately.

The above information should be necessarily submitted by the tenderer.

**Tenderer's Seal**

**Signature of the Tenderer**

**SCHEDULE OF RATES (SOR)/BOQ****Annexure J****Name of work:-Provision of New Carriage Watering Hydrant facilities at various Stations of BSB Division**

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<b>Sl. No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Total Cost ( Rs.)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>1</b>	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length at line no. 04, line no. 10 & 400 meter length at line no. 02 & 03 at PRRB station	4.00	1,03,79,675.39
<b>2</b>	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length between line no. 01&02 , line no. 3&4 , line no. 10 & line no. 11 at ARJ station	4.00	1,25,58,358.80
<b>3</b>	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length & dismantling of old Hydrant at PF No. 05 at BCY Station .	1.00	30,44,605.50
<b>4</b>	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length & dismantling of old Hydrant at PF No. 01 at BSBS Station	1.00	30,38,251.60
<b>5</b>	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length between line no. 01&02 at CPJ station	1.00	29,95,589.70
<b>6</b>	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length at line no. 02 at SV station	1.00	29,95,589.70
<b>7</b>	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length at line no. 06 at GCT station	1.00	29,95,589.70
<b>8</b>	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length at PF no. 01& between PF no. 3&4 at Jhunshi Station	2.00	61,35,179.40
<b>9</b>	Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length between line no. 07&08 at MAU station	1.00	29,95,589.70
	<b>TOTAL ( in Rs.)</b>		<b>4,71,38,429.49</b>

**1. Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length at line no. 04, line no. 10 & 400 meter length at line no. 2&3 at PRRB station**

SN	Description	Quantity	Rate	Unit	Total
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.	213.44	205.45	cum	43851.25
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	13.34	6326.05	cum	84389.51
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	200.10	7783.65	cum	1557508.37
4	Centering and shuttering including strutting , propping etc and removal of form work for : foundation , footings, base for columns ( CC work )	1800.90	307.95	Sqm	554587.16
5	Supplying and fixing of MS channel (75*40 mm) & MS angle (50*50*6 mm)	10005.00	84.20	kg	842421.00
6	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	667.00	46.00	No.	30682.00
7	Providing and laying Double Flanged (Screwed/ Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS : 8329 :,150 mm dia double flanged	2000.00	2312.90	Per m	4625800.00
8	Making connection of G.I. distribution branch with G.I. main of 25 to 40 mm nominal bore sizes by providing and fixing tee including cutting and threading the pipe etc. complete	667.00	757.10	No.	504985.70
9	Providing and laying Double Flanged (screwed / welded) Centrifugally (Spun) Cast Iron, Class B (IS : 1536) :150 mm dia C.I. Double Flanged Pipe	300.00	2880.00	Per m	864000.00
10	Providing and fixing CI sluice valves with (cap) complete with bolts and nuts ,rubber insertions 150 mm dia class 1	8.00	5980.45	No.	47843.60
11	Providing and fixing of Hydrant water control valve with detachable handle ,40 mm dia	667.00	1380.16	No.	920566.72
12	Providing and fixing of GI nipple 40 mm dia& 100 mm length	1334.00	115.54	No.	154130.36
13	Providing and fixing of GI Reducer ,40*20 mm	667.00	78.25	No.	52192.75
14	Providing and fixing of GI nippule ,20 mm dia& 100 mm length	133.00	115.82	kg	15404.06
15	Supplying and Fixing of 25 mm dia hose pipe	667.00	92.91	per meter	61970.97
16	Providing and fixing of GI elbow,20 mm dia& 150 mm curved	167.00	115.82	kg	19341.94
<b>TOTAL ( Rs.)</b>					<b>1,03,79,675.39</b>



**2. Provision of Watering Hydrant pipe line ( 150 mm Dia.) of 600 Meter length between line no. 01&02,line no. 03 & 04, line no. 10 & 11 at ARJ station :-**

SN	Description	Quantity	Rate	Unit	Total
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.	256.00	205.45	cum	52595.20
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	16.00	6326.05	cum	101216.80
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	240.00	7783.65	cum	1868076.00
4	Centering and shuttering including strutting , propping etc. and removal of form work for :foundation , footings, base for columns ( CC work )	2160.00	307.95	Sqm	665172.00
5	Supplying and fixing of MS channel (75*40 mm) & MS angle (50*50*6 mm)	12000.00	84.20	kg	1010400.00
6	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	800.00	46.00	No.	36800.00
7	Providing and laying Double Flanged (Screwed/ Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS : 8329 :,150 mm dia double flanged	2400.00	2312.90	Per m	5550960.00
8	Making connection of G.I. distribution branch with G.I. main of 25 to 40 mm nominal bore sizes by providing and fixing tee including cutting and threading the pipe etc. complete	800.00	757.10	No.	605680.00
9	Providing and laying Double Flanged (screwed / welded) Centrifugally (Spun) Cast Iron, Class B (IS : 1536) :150 mm dia C.I. Double Flanged Pipe	400.00	2880.00	Per m	1152000.00
10	Providing and fixing CI sluice valves with (cap) complete with bolts and nuts ,rubber insertions 150 mm dia class 1	8.00	5980.45	No.	47843.60
11	Providing and fixing of Hydrant water control valve with detachable handle ,40 mm dia	800.00	1380.16	No.	1104128.00
12	Providing and fixing of GI nipple 40 mm dia& 100 mm length	1600.00	115.54	No.	184864.00
13	Providing and fixing of GI Reducer ,40*20 mm	800.00	78.25	No.	62600.00
14	Providing and fixing of GI nippule ,20 mm dia& 100 mm length	160.00	115.82	kg	18531.20
15	Supplying and Fixing of 25 mm dia hose pipe	800.00	92.91	per meter	74328.00
16	Providing and fixing of GI elbow,20 mm dia& 150 mm curved	200.00	115.82	kg	23164.00
<b>TOTAL</b>					<b>12558358.80</b>

**3. Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length & dismantling of old Hydrant at PF No. 05 at BCY Station**

SN	Description	Quantity	Rate	Unit	Total
1	Dismantling old CI/GI/DI pipes including excavation and refilling trenches after taking out the pipes ,breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes at site lead up to 50M up to 150 mm pipe or as per direction of site incharge	540	90.77	per meter	49015.80
2	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.	64.00	205.45	cum	13148.80
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	4.00	6326.05	cum	25304.20
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	60.00	7783.65	cum	467019.00
5	Centering and shuttering including strutting , propping etc. and removal of form work for :foundation , footings, base for columns ( CC work )	540.00	307.95	Sqm	166293.00
6	Supplying and fixing of MS channel (75*40 mm) & MS angle (50*50*6 mm)	3000.00	84.20	kg	252600.00
7	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	200.00	46.00	No.	9200.00
8	Providing and laying Double Flanged (Screwed/ Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS : 8329 :,150 mm dia double flanged	600.00	2312.90	Per m	1387740.00
9	Making connection of G.I. distribution branch with G.I. main of 25 to 40 mm nominal bore sizes by providing and fixing tee including cutting and threading the pipe etc. complete	200.00	757.10	No.	151420.00
10	Providing and laying Double Flanged (screwed / welded) Centrifugally (Spun) Cast Iron, Class B (IS : 1536) :150 mm dia C.I. Double Flanged Pipe	50.00	2880.00	Per m	144000.00
11	Providing and fixing CI sluice valves with (cap) complete with bolts and nuts ,rubber insertions 150 mm dia class 1	2.00	5980.45	No.	11960.90
12	Providing and fixing of Hydrant water control valve with detachable handle ,40 mm dia	200.00	1380.16	No.	276032.00
13	Providing and fixing of GI nipple 40 mm dia& 100 mm length	400.00	115.54	No.	46216.00
14	Providing and fixing of GI Reducer ,40*20 mm	200.00	78.25	No	15650.00
15	Providing and fixing of GI nippule ,20 mm dia& 100 mm length	40.00	115.82	kg	4632.80
16	Supplying and Fixing of 25 mm dia hose pipe	200.00	92.91	per meter	18582.00
17	Providing and fixing of GI elbow,20 mm dia& 150 mm curved	50.00	115.82	kg	5791.00
<b>TOTAL</b>					<b>3044605.50</b>

Signature and stamp of Tenderer

**4. Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length & dismantling of old Hydrant at PF No 01 at BSBS Station**

SN	Description	Quantity	Rate	Unit	Total
1	Dismantling old CI/GI/DI pipes including excavation and refilling trenches after taking out the pipes ,breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes at site lead up to 50M up to 150 mm pipe or as per direction of site incharge	470	90.77	per meter	42661.90
2	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.	64.00	205.45	cum	13148.80
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	4.00	6326.05	cum	25304.20
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	60.00	7783.65	cum	467019.00
5	Centering and shuttering including strutting , propping etc and removal of form work for :foundation , footings, base for columns ( CC work )	540.00	307.95	Sqm	166293.00
6	Supplying and fixing of MS channel (75*40 mm) & MS angle (50*50*6 mm)	3000.00	84.20	kg	252600.00
7	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	200.00	46.00	No	9200.00
8	Providing and laying Double Flanged (Screwed/ Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS : 8329 :,150 mm dia double flanged	600.00	2312.90	Per m	1387740.00
9	Making connection of G.I. distribution branch with G.I. main of 25 to 40 mm nominal bore sizes by providing and fixing tee including cutting and threading the pipe etc. complete	200.00	757.10	No	151420.00
10	Providing and laying Double Flanged (screwed / welded) Centrifugally (Spun) Cast Iron, Class B (IS : 1536) :150 mm dia C.I. Double Flanged Pipe	50.00	2880.00	Per m	144000.00
11	Providing and fixing CI sluice valves with (cap) complete with bolts and nuts ,rubber insertions 150 mm dia class 1	2.00	5980.45	No	11960.90
12	Providing and fixing of Hydrant water control valve with detachable handle ,40 mm dia	200.00	1380.16	No	276032.00
13	Providing and fixing of GI nipple 40 mm dia & 100 mm length	400.00	115.54	No	46216.00
14	Providing and fixing of GI Reducer ,40*20 mm	200.00	78.25	No	15650.00
15	Providing and fixing of GI nippule ,20 mm dia& 100 mm length	40.00	115.82	kg	4632.80
16	Supplying and Fixing of 25 mm dia hose pipe	200.00	92.91	per meter	18582.00
17	Providing and fixing of GI elbow,20 mm dia& 150 mm curved	50.00	115.82	kg	5791.00
<b>TOTAL</b>					<b>3038251.60</b>

**5. Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length between line no. 01&02 at CPJ station**

Sl. No.	Description	Quantity	Rate	Unit	Total
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	64.00	205.45	cum	13148.80
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	4.00	6326.05	cum	25304.20
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	60.00	7783.65	cum	467019.00
4	Centering and shuttering including strutting , propping etc and removal of form work for :foundation , footings, base for columns ( CC work )	540.00	307.95	Sqm	166293.00
5	Supplying and fixing of MS channel (75*40 mm) & MS angle (50*50*6 mm)	3000.00	84.20	kg	252600.00
6	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	200.00	46.00	No.	9200.00
7	Providing and laying Double Flanged (Screwed/ Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS : 8329 :,150 mm dia double flanged	600.00	2312.90	Per m	1387740.00
8	Making connection of G.I. distribution branch with G.I. main of 25 to 40 mm nominal bore sizes by providing and fixing tee including cutting and threading the pipe etc. complete	200.00	757.10	No.	151420.00
9	Providing and laying Double Flanged (screwed / welded) Centrifugally (Spun) Cast Iron, Class B (IS : 1536) :150 mm dia C.I. Double Flanged Pipe	50.00	2880.00	Per m	144000.00
10	Providing and fixing CI sluice valves with (cap) complete with bolts and nuts ,rubber insertions 150 mm dia class 1	2.00	5980.45	No.	11960.90
11	Providing and fixing of Hydrant water control valve with detachable handle ,40 mm dia	200.00	1380.16	No.	276032.00
12	Providing and fixing of GI nipple 40 mm dia& 100 mm length	400.00	115.54	No.	46216.00
13	Providing and fixing of GI Reducer ,40*20 mm	200.00	78.25	No.	15650.00
14	Providing and fixing of GI nippule ,20 mm dia& 100 mm length	40.00	115.82	kg	4632.80
15	Supplying and Fixing of 25 mm dia hose pipe	200.00	92.91	per meter	18582.00
16	Providing and fixing of GI elbow,20 mm dia& 150 mm curved	50.00	115.82	kg	5791.00
<b>TOTAL</b>					<b>2995589.70</b>

**6. Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length at line no. 02 at SV station**

SN	Description	Quantity	Rate	Unit	Total
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	64.00	205.45	cum	13148.80
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	4.00	6326.05	cum	25304.20
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	60.00	7783.65	cum	467019.00
4	Centering and shuttering including strutting , propping etc . and removal of form work for :foundation , footings, base for columns ( CC work )	540.00	307.95	Sqm	166293.00
5	Supplying and fixing of MS channel (75*40 mm) & MS angle (50*50*6 mm)	3000.00	84.20	kg	252600.00
6	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	200.00	46.00	No.	9200.00
7	Providing and laying Double Flanged (Screwed/ Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS : 8329 :,150 mm dia double flanged	600.00	2312.90	Per m	1387740.00
8	Making connection of G.I. distribution branch with G.I. main of 25 to 40 mm nominal bore sizes by providing and fixing tee including cutting and threading the pipe etc.complete	200.00	757.10	No.	151420.00
9	Providing and laying Double Flanged (screwed / welded) Centrifugally (Spun) Cast Iron, Class B (IS : 1536) :150 mm dia C.I. Double Flanged Pipe	50.00	2880.00	Per m	144000.00
10	Providing and fixing CI sluice valves with (cap) complete with bolts and nuts ,rubber insertions 150 mm dia class 1	2.00	5980.45	No.	11960.90
11	Providing and fixing of Hydrant water control valve with detachable handle ,40 mm dia	200.00	1380.16	No.	276032.00
12	Providing and fixing of GI nipple 40 mm dia& 100 mm length	400.00	115.54	No.	46216.00
13	Providing and fixing of GI Reducer ,40*20 mm	200.00	78.25	No.	15650.00
14	Providing and fixing of GI nippule ,20 mm dia& 100 mm length	40.00	115.82	kg	4632.80
15	Supplying and Fixing of 25 mm dia hose pipe	200.00	92.91	per meter	18582.00
16	Providing and fixing of GI elbow,20 mm dia& 150 mm curved	50.00	115.82	kg	5791.00
<b>TOTAL</b>					<b>2995589.70</b>

**7. Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length at line no. 06 at GCT station**

Sl. No.	Description	Quantity	Rate	Unit	Total
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.	64.00	205.45	cum	13148.80
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	4.00	6326.05	cum	25304.20
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	60.00	7783.65	cum	467019.00
4	Centering and shuttering including strutting , propping etc and removal of form work for :foundation , footings, base for columns ( CC work )	540.00	307.95	Sqm	166293.00
5	Supplying and fixing of MS channel (75*40 mm) & MS angle (50*50*6 mm)	3000.00	84.20	kg	252600.00
6	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	200.00	46.00	No.	9200.00
7	Providing and laying Double Flanged (Screwed/ Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS : 8329 :,150 mm dia double flanged	600.00	2312.90	Per m	1387740.00
8	Making connection of G.I. distribution branch with G.I. main of 25 to 40 mm nominal bore sizes by providing and fixing tee including cutting and threading the pipe etc. complete	200.00	757.10	No.	151420.00
9	Providing and laying Double Flanged (screwed / welded) Centrifugally (Spun) Cast Iron, Class B (IS : 1536) :150 mm dia. C.I. Double Flanged Pipe	50.00	2880.00	Per m	144000.00
10	Providing and fixing CI sluice valves with (cap) complete with bolts and nuts ,rubber insertions 150 mm dia. class 1	2.00	5980.45	No.	11960.90
11	Providing and fixing of Hydrant water control valve with detachable handle ,40 mm dia	200.00	1380.16	No.	276032.00
12	Providing and fixing of GI nipple 40 mm dia. & 100 mm length	400.00	115.54	No.	46216.00
13	Providing and fixing of GI Reducer ,40*20 mm	200.00	78.25	No.	15650.00
14	Providing and fixing of GI nipple ,20 mm dia& 100 mm length	40.00	115.82	kg	4632.80
15	Supplying and Fixing of 25 mm dia hose pipe	200.00	92.91	per meter	18582.00
16	Providing and fixing of GI elbow,20 mm dia& 150 mm curved	50.00	115.82	kg	5791.00
<b>TOTAL</b>					<b>2995589.70</b>

**8. Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length at PF no. 01& between PF no. 3&4 at Jhunshi Station**

Sl. No.	Description	Quantity	Rate	Unit	Total
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.	128.00	205.45	cum	26297.60
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	8.00	6326.05	cum	50608.40
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	120.00	7783.65	cum	934038.00
4	Centering and shuttering including strutting , propping etc and removal of form work for :foundation , footings, base for columns ( CC work )	1080.00	307.95	Sqm	332586.00
5	Supplying and fixing of MS channel (75*40 mm) & MS angle (50*50*6 mm)	6000.00	84.20	kg	505200.00
6	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	400.00	46.00	No.	18400.00
7	Providing and laying Double Flanged (Screwed/ Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS : 8329 :,150 mm dia double flanged	1200.00	2312.90	Per m	2775480.00
8	Making connection of G.I. distribution branch with G.I. main of 25 to 40 mm nominal bore sizes by providing and fixing tee including cutting and threading the pipe etc.complete	400.00	757.10	No.	302840.00
9	Providing and laying Double Flanged (screwed / welded) Centrifugally (Spun) Cast Iron, Class B (IS : 1536) :150 mm dia. C.I. Double Flanged Pipe	150.00	2880.00	Per m	432000.00
10	Providing and fixing CI sluice valves with (cap) complete with bolts and nuts ,rubber insertions 150 mm dia. class 1	4.00	5980.45	No.	23921.80
11	Providing and fixing of Hydrant water control valve with detachable handle ,40 mm dia.	400.00	1380.16	No.	552064.00
12	Providing and fixing of GI nipple 40 mm dia.& 100 mm length	800.00	115.54	No.	92432.00
13	Providing and fixing of GI Reducer ,40*20 mm	400.00	78.25	No	31300.00
14	Providing and fixing of GI nipple ,20 mm dia.& 100 mm length	80.00	115.82	kg	9265.60
15	Supplying and Fixing of 25 mm dia hose pipe	400.00	92.91	per meter	37164.00
16	Providing and fixing of GI elbow,20 mm dia& 150 mm curved	100.00	115.82	kg	11582.00
<b>TOTAL</b>					<b>6135179.40</b>

**9. Provision of Watering Hydrant pipe line (150 mm Dia.) of 600 Meter length between line no. 07&08 at MAU station**

SN	Description	Quantity	Rate	Unit	Total
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.	64.00	205.45	cum	13148.80
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	4.00	6326.05	cum	25304.20
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	60.00	7783.65	cum	467019.00
4	Centering and shuttering including strutting , propping etc and removal of form work for :foundation , footings, base for columns ( CC work )	540.00	307.95	Sqm	166293.00
5	Supplying and fixing of MS channel (75*40 mm) & MS angle (50*50*6 mm)	3000.00	84.20	kg	252600.00
6	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	200.00	46.00	No	9200.00
7	Providing and laying Double Flanged (Screwed/ Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS : 8329 :,150 mm dia double flanged	600.00	2312.90	Per m	1387740.00
8	Making connection of G.I. distribution branch with G.I. main of 25 to 40 mm nominal bore sizes by providing and fixing tee including cutting and threading the pipe etc. complete	200.00	757.10	No.	151420.00
9	Providing and laying Double Flanged (screwed / welded) Centrifugally (Spun) Cast Iron, Class B (IS : 1536) :150 mm dia C.I. Double Flanged Pipe	50.00	2880.00	Per m	144000.00
10	Providing and fixing CI sluice valves with (cap) complete with bolts and nuts ,rubber insertions 150 mm dia. class 1	2.00	5980.45	No.	11960.90
11	Providing and fixing of Hydrant water control valve with detachable handle ,40 mm dia.	200.00	1380.16	No.	276032.00
12	Providing and fixing of GI nipple 40 mm dia. & 100 mm length	400.00	115.54	No.	46216.00
13	Providing and fixing of GI Reducer ,40*20 mm	200.00	78.25	No.	15650.00
14	Providing and fixing of GI nipple ,20 mm dia& 100 mm length	40.00	115.82	kg	4632.80
15	Supplying and Fixing of 25 mm dia. hose pipe	200.00	92.91	per meter	18582.00
16	Providing and fixing of GI elbow,20 mm dia& 150 mm curved	50.00	115.82	kg	5791.00
<b>TOTAL</b>					<b>2995589.70</b>

**Note:-**

1. Rates are inclusive of GST and all types of taxes and charges.
2. Rates offered by the tenderer is to be filled in by the tenderer online on IREPS portal (No need to mention the rates here by the participating firms)



**NORTH EASTERN RAILWAY**  
**SPECIMEN FORMAT OF BANK GUARANTEE**  
**(Executed on non judicial stamp paper)**

**Name of the Bank** \_\_\_\_\_

**Bank Guarantee Bond No. and date** \_\_\_\_\_, **Valid up to**-----

**Amount of Bank Guarantee Bond**-----,

**To**

**President of India acting through PFA&CAO**

**N. E. Railway, payable at Varanasi**

1. In consideration of the President of India acting through, PFA & CAO N. E. Railway, Gorakhpur (hereinafter called "The Government") having agreed under the terms and conditions of contract under Acceptance Letter No.-----

-----dated ----- made between Senior Divisional Mechanical

Engineer/C&W/ N.E. Railway, Varanasi - 221002 and agency M/s/ Shri (herein after called

"the said contractor(s)" for The work "\_\_\_\_

\_\_\_\_\_ " (here in after called "the said contract") having agreed for submission of a irrevocable Bank Guarantee Bond equivalent to 5% of the contract value as indicated in the aforesaid contract for

Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) as a performance security

Guarantee Bond from the contractor (s) for compliance of his obligations in accordance with the terms & conditions in the aforesaid contract.

2. We, ----- (indicate the name of the Bank) hereinafter referred to as the Bank, under - take to pay to the Government an amount not exceeding Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) on demand by the Government.

3 ----- We, -----

(indicate the name of the bank), further agree that and promise) to pay the amounts due and payable under this guarantee without any demur merely on a demand from the Government through the **FA & CAO /N.E. Railway, Payable at Varanasi**, stating that the amount claimed is due by way of loss or damage caused to or would be caused or suffered by the Government by reason of any breach by the said contractor of any of the terms of conditions contained in the said contract/agreement or by reason of the contractor failure to perform the said agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs

----- (Rupees Only).

**3.(a)** We,----- (indicate the name of Bank) further undertake to pay to the Government any money so demanded notwithstanding any dispute or dispute raised by the contractor(s) in any suite or proceeding pending before any court or Tribunal relating to liability under this present being absolute and unequivocal.

**(b)** The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.

**4.** We, ----- (indicate the name of bank) to further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged by

-----  
----- (contracting authority) on behalf of the Government, certify that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharge this guarantee.

**5 (a)** Notwithstanding anything to the contrary contained herein the liability of the bank under this guarantee will remain in force and effect until such time as this guarantee is discharged in writing by the Government or until (date of validity/ extended validity) whichever is earlier and no claim shall be valid under this guarantee unless notice in writing thereof is given by the Government within validity/extended period of validity of guarantee from the aforesaid date.

**(b)** Provided always that We----- (indicate the name of the Bank) unconditionally undertakes to renew this guarantee or to extend the period of guarantee from year to year before the expiry of the period or the extended period of the guarantee, as the case may be on being called upon to do so by the Government. If the guarantee is not renewed or the period extended on demand, we (indicate the name of the Bank) shall pay the Government the full amount of guarantee on demand and without demur.

**6.** We, ----- (indicate the name of Bank ) further agree with the Government that the Government shall have the fullest liberty without our consent and without effecting in any manner out of obligations hereunder to vary any of the terms and conditions of the said contract from time to time or to postpone for any time or from time to time any to the powers exercisable by the Government against the said contractor (s) and to forbear or enforce any of the terms and conditions of the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any

for bearance act or omission on the part of the Government or any indulgence by theGovernment to the said contractor(s) or by any such matter or thing whatsoever whichunder the law relating to sureties for the said provision would relive us from the liability.

7.This guarantee will not be discharged by any change in the constitution of the Bank or the Contractor(s).

8. We \_\_\_\_\_ , (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.

**9. This guarantee shall be valid up to -----** (Date of Completion plus 60 days). Unless extended on demand by Government. Not withstanding anything to the contrary contained hereinbefore, our liability under this guarantee is restricted to Rs..... (Rupees ..... ) unless a demand under this guarantee is made on us in writing on or before..... We shall be discharged from our liabilities under this guarantee thereafter.

Dated the \_\_\_\_\_ day of \_\_\_\_\_.

(indicate the day

( indicate the month and year)

Signature and seal of authorized official of Bank  
Designation

(Name of bank )Full Address

**(MANDATORY)**

[illegible]

- Note :- Retype Annexure L, if space provided is inadequate (to be filled ,signed with date, stamped and submitted by the authorized signatory of the tenderer)**

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**NORTH EASTERN RAILWAY  
VARANASI DIVISION**

**ANNEXURE M**

**DETAILS OF PLANTS & MACHINERY PROPOSED TO BE HIRED FOR THIS WORK**  
**( MANDATORY)**

S. No.	Particulars of Equipment	No./Unit	Capacity	Remarks

- Retype this Annexure (Annexure M) if space provided is inadequate .

**Note :- Retype Annexure M, if space provided is inadequate (to be filled ,signed with date, stamped and submitted by the authorized signatory of the tenderer)**

**Signature and stamp of Tenderer**

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**NORTH EASTERN RAILWAY  
VARANASI DIVISION**

**Annexure-N**

LCDA No.(18 DIGIT IPAS GENERATED NO.) Dated :-

**DOCUMENT OF AUTHORIZATION**

**Reference: (i) Works Contract/ Supply Contract No. Dated**  
**(ii) Inland Letter of Credit No. Dated**

This document is issued against contract No. (FROM IREPS) -----  
dated-----for supply/work of: -----DESCRIPTION OF GOODS  
/WORK FROM IREPS) -----

The beneficiary of the aforementioned Letter of Credit M/s .....NAME  
ANDVENDOR CODE) (Vendor Code as per IRPES ) is entitled to receive  
payment. Aggregating INR ....\$\$\$. (FROM ABSTRACT OF BIIL PASSED ) .... out of a totalLC  
amount of INR ... (FROM MASTER TABLE OF LC OPENED .....  
against the first/second" commercial Invoice No.( FROM IPAS).....Dated  
FROM IPAS \_for INR (FROM IPAS)  
raised against the above contract from State  
Bank of India (branch – FROM LC MASTERTABLE)  
on the strength of this Certificate .

The details or payments already made to the beneficiary under this Letter or Credit are as follows:

S.NO.	INVOICE NO.	INVOICE DATE	INVOICE AMOUNT (INR)	LCDA NO	LCDA DATE	AMOUNTPAID (INR)
Total Paid						

THIS PAYMENT : \$\$\$ LC BALANCE AFTER

THIS PAYMENT :

(Signature of authorized Railway authority)Name  
Designation

**Signature and stamp of Tenderer**

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**NORTH EASTERN RAILWAY  
VARANASI DIVISION**

**ANNEXURE O**

**Declaration regarding association of the tenderer with serving/retired Gazetted Railway Officer(s)**

**(MANDATORY)**

Sl. No.	Name of the Railway Officer	Relationship with the tenderer	If serving, designation & place of working	If Retired			
				Date of Retirement	Designation & place of working at time of retirement	Whether period of retirement is more than 1 year from the date of submission of tender	permission taken for associating with the tenderer (YES/NO)
1	2	3	4	5	6	7	8

**Note:** If no Railway Officer is associated with the tenderer, then write **NIL**.

(Please do not keep this page blank.) Offer of the Tenderers without the submission of this Annexure ( duly filled, signed with date and stamp of the authorized signatory of the tenderer) as per the information sought in the format of the above table shall be rejected .

**Seal and Signature of the Tenderer (with date)**

**Signature and stamp of Tenderer**

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**NORTH EASTERN RAILWAY  
VARANASI DIVISION**

**HISTORY SHEET OF THE TENDERER (MANDATORY)      ANNEXURE P**  
**( Must be filled, signed and submitted by the tenderer)**

i)	Name of Company	
ii)	Address of Registered Office	
a)	Phone:	
b)	Fax:	
c)	E-Mail Id :	
iii)	Constitution of the Company/firm	
a)	Ownership particulars whether Private Ltd., or Partnership firm or any other type duly supported by the documents such as Partnership deed and Articles of constitution etc. as applicable, (Documents must be mentioned and submitted by the tenderer regarding constitution type of firm )	
b)	Name and Address of collaborator (s):	1..... 2..... 3..... etc.
c)	Nature of participation by collaborator(s) in share-holding of the company:	1..... 2..... 3..... etc
d)	Extent and nature of proposed by collaborator(s) in execution of this work:-	1..... 2..... 3..... etc
iv)	Number of years the firm has been in operation in India under its present:	
v)	Any Other Information	

**Constitution of Firm**

1.	Full name of contractor/s construction firm And year of establishment.	
2.	Registered Head office Address.	
3.	Branch office in India.	1.... 2.... 3.... 4.... etc
4.	Address on which correspondence regarding this tender should be done.	
5.	Constitution of firm, give full details including name of partners/executives/power of attorney/holder etc.	

**Retype this annexure if space provided is inadequate.**

**Signature of Tenderer along with Date & Seal.**

**Signature and stamp of Tenderer**



**NORTH EASTERN RAILWAY  
VARANASI DIVISION**

**JOINT RECEIPT INSPECTION NOTE**

(ANNEXURE Q)

*Note: With the issue of JRI, payment is released to the contractor, as per the terms of contract. Respective Consignee's shall satisfy themselves that the conditions of contract are met before issue of the JRI.*

**Date**.....

**Sub: Receipt of consignment for machine.....**

**Ref : LOA No.....**

<b>1.</b>	Name of consignee/Railway	
<b>2.</b>	Machine /Equipment/Material/Work name	
<b>3.</b>	Quantity	
<b>4.</b>	Name of supplier	
<b>5.</b>	Consignment of the machine received on	
<b>6.</b>	The foundation & associated works essential for "Safe Installation of Machine" are ready (for turnkey contracts only) *	

\* If there are Delays on account of Consignee such as clear site is not given, then the condition 6 will not be a valid ground for holding JRI.

It is certified that the consignment of the Machine /Equipment/Material/Work has been received complete and in good condition as per specification shown in the contract.

**Tentative plan for installation and commissioning of the machine is as under:**

<b>1.</b>	Date of clear site provided	
<b>2.</b>	Contract/PO/LOA	Turnkey/Non-turnkey
<b>3.</b>	<b>Status of readiness of foundation:</b>	
<b>3(a)</b>	Already constructed on	
<b>3(b)</b>	Under construction & likely date of its completion	
<b>3(c)</b>	Construction yet to be started from ..... and likely date of its completion	
<b>4.</b>	Status of availability of electrical power, water and compressed air etc.	Available/Not-available
<b>5.</b>	Number of components to be proved out on the machine	
<b>6.</b>	Likely date for start of erection/installation	
<b>7.</b>	Likely date for functioning of the Machine /Equipment/Material/Work	
<b>8.</b>	Likely date of completion of commissioning of the Machine /Equipment/Material/Work	
<b>9.</b>	Any other Remark	

**Sign. of Representative of firm**

**Sign. of Railway Representative  
of respective consignee (SSE/JE )**

**Sign. of Respective CDO**

**Designation**

**Designation**

**Signature and stamp of Tenderer**

**NORTH EASTERN RAILWAY  
VARANASI DIVISION**

**JOINT COMMISSIONING NOTE      ( ANNEXURE R)**

**Date:**.....

**Sub:** Commissioning of (name of machine/work).....

**Ref:** LOA No.-----.....

<b>1.</b>	Name of consignee/Railway	
<b>2.</b>	Machine/Work name	
<b>3.</b>	Quantity	
<b>4.</b>	Name of supplier	
<b>5.</b>	Machine/Equipment/Materials received on	

- 6.** All the parameters of the machine are found okay. The proving test on the machine was conducted from ..... to ..... and machine/Equipment /Name of Work is working satisfactorily.
- 7.** Machine/Work has finally been commissioned on..... . The machine/Name of Work has been handed over for regular use and kept under one month observation to watch its performance.
- 8.** Following minor deficiencies (if any) found during joint observation trials are to be attended/rectified by the firm during one month observation and before payment of bill :
- a.**
  - b.**
  - c.**

**9. Any other remark :-**

**Sign. of Representative of firm**  
**Designation**

**Sign. of Railway Representative  
of respective consignee (SSE/JE)**  
**Designation**

**Sign. of Respective CDO**

**Signature and stamp of Tenderer**

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**NORTH EASTERN RAILWAY  
VARANASI DIVISION**

**Annexure S**

**LIST OF WORKS OF SIMILAR NATURE COMPLETED IN LAST THREE FINANCIAL YEARS & IN CURRENT YEAR**

(To be filled and uploaded by tenderer)

Sr. No.	Description of Work	Name of Organization for whom executed, and Contract awarding authority & phone no.	Contract agreement No. and date of Award	Approx. value of contract (in Rs.)		Date of Commencement		Date of Finish		Period of completion (in years, months & days)		Main features of the work	Remarks
				Agreement value	Final Value	Scheduled	Actual	Scheduled	Actual	Scheduled	Actual		
1	2	3	4	5	6	7	8	9	10	11	12	13	14

**Note:**

- i) Supporting documents/certificates (duly attested by Gazette Government Officer ) from the organizations for whom worked/ are working duly signed by authorized signatories should be enclosed.
- ii) Certificate from private individuals for who such works are executed/ being executed shall not be accepted.
- iii) Certificate /documents for satisfactory working and completion of work from each organization should be enclosed.
- iv) On demand by railway, tenderer will be require to arrange site visit to physically verify performance claim made by the tenderer. Present performance of the tenderer will be duly considered while awarding the contract.
- v) Re-type Annexure S, if spaces given are considered inadequate.

**Signature and stamp of Tenderer**

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**NORTH EASTERN RAILWAY  
VARANASI DIVISION**

**Annexure-T**

**LIST OF WORK ON HAND**  
**(To be filled and uploaded by tenderer)**

S. N.	Name of work	Name of org. for whom executed and contract awarding authority	Contract agree. no. and date of award	Approx. value of contract (Rs.)			Date of commenceme nt		Date of completion		Period of completion (in years, months & days)		% Progress.		Reasons for delay, if any	Main features of the work	Remarks
				Agreeme ntvalue	Final value	Approx. balance to be received	Sche dule	Actual	Sched ule	Actual	Schedule	Actual	Financial	Physical			

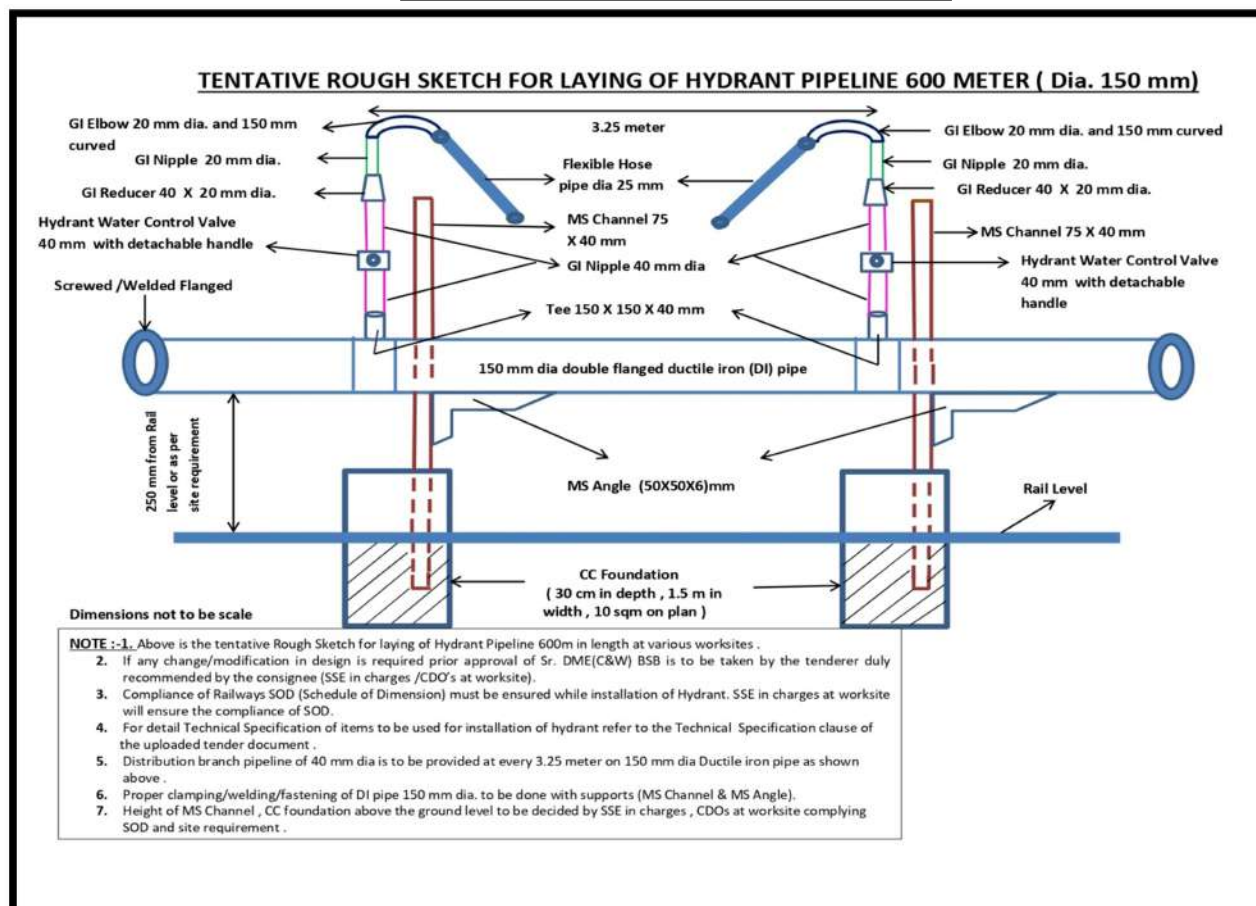
**Note:-** 1. Supporting documents /certificates (duly attested ) from the organization with who worked/are working should be enclosed.  
2. Re-type Annexure-T, if spaces given are inadequate.

**Signature and stamp of Tenderer**

**NORTH EASTERN RAILWAY  
VARANASI DIVISION**

**TENTATIVE HYDRANT LAYOUT**

**Annexure U**



Signature and stamp of Tenderer