

South Central Railway

Secunderabad Division

Tender Document

Office of Senior Divisional Electrical Engineer (TRS), Electric Loco Shed, Kazipet

June 16, 2026

- Brief** : Electric Loco Shed, Kazipet, SC Division of SC Railway invites open tender through E-tendering system from eligible bidders for the work through the webportal <https://www.ireps.gov.in/>
- Tender No.** : ELS-KZJ-222
- Name of the Work** : Setting up of Control Office Equipment (COE) as per Part 3 of CLW's Specification No. CLW/C-D&D/ES/3/0554, April 2024 at Electric Loco Shed, Kazipet
- Approximate Cost** : ₹ 21,08,831.68 (inclusive of GST @ 18%)
- Earnest Money deposit** : ₹ 42,200/-
- Tender Form cost** : ₹ 0
- Validity of tender** : 60 days from the date of opening of the tender
- Stipulated date of Commencement of work** : The contractor shall start the work from the date of issue of LOA or date of intimation to start the work and shall complete the work in all respects as specified in tender details.
- Completion Period** : 6 months

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1 Mandatory documents to be submitted along with the Bid

1. Annexure V(A) to be submitted (if applicable) (as per Advance correction slip No.2 for GCC 2022)
2. All other applicable documents as mentioned in GCC-2022, ANNEXURE - I (TENDER FORM (Second Sheet) clause no-11,14 to 18 under heading “ Documents to be Submitted Along with Tender”. For example: If the bidder is a Company registered under Companies Act 2013,then, the bidder has to submit the following documents:
 - (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.

Note: Absence of the above mentioned mandatory documents, bid will be summarily rejected.

2 Price Schedule

Name of the work : Setting up of Control Office Equipment (COE) as per Part 3 of CLW's Specification No. CLW/C-D&D/ES/3/0554, April 2024 at Electric Loco Shed, Kazipet

SW-I: Situation Awareness Display System (SADS)					
S.No	Description	Qty	Unit	Unit rate	Total
1	Supply, Installation, Testing Commissioning of 86 inch 4K UHD Interactive flat panel display, Resolution 3840 x 2160, 16:9 Aspect Ratio, Anti blue light filter, anti glare, Annotation feature, quad view wireless projection, built-in android white-board application, Multi screen interaction in Group scenario, Advanced industrial design, Infrared Touch Screen, Life span 50,000 hours, 4 GB Memory, 64 GB Built-in Storage, 2 x 20 W built-in loud speaker, Built-in BLE module Blue tooth 5.2, Refresh rate 60 Hz, Commercial A Grade VA Panel, Surface hardness 9 H, HDMI 2.0 x 2, RS 232 x 1, USB 2.0 x 2, USB 3.0 x 3, Type C x 1, Wall mounted bracket, hook, Stylus x 2, 1.5 metre Power cable, Wifi AP Station, 2.4G/5G, Product similar to Model HIKVISION DS-D5B86RB/EL or equivalent, with 03 years onsite warranty Note: Read scope of work for full functional requirements	2	Nos	1,88,000.00	3,76,000.00
2	Supply, installation commissioning of All in one PC Note: Read scope of work for full functional requirements	2	Nos	69,888.00	1,39,776.00
3	Supply, installation commissioning of 8 port KVM switch Note: Read scope of work for full functional requirements	1	Nos	28,000.00	28,000.00
4	Supply, installation commissioning of Wi-Fi Router with LAN, interface cable of 100 Mtrs, HDMI cable 15Mtrs of 10 Nos Note: Read scope of work for full functional requirements	1	set	23,486.00	23,486.00
	Total of SW-I (Incl. of GST@18%)				5,67,262.00
SW-II: Data Analysis Work Station (DAWS)					
S.No	Description	Qty	Unit	Unit rate	Total

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1	Supply, installation commissioning of High-end PC with 24" display. Note: Read scope of work for full functional requirements	2	Nos	1,07,894.00	2,15,788.00
2	Supply, Installation, Testing Commissioning of 24 Inch (Diagonal size), 23.8 inch Viewable size Full HD Monitor 1920 x 1080 Resolution, Input type 10 point Touch feature (Capacitive), Refresh rate 60 Hz, with Mechanical display position adjustments for Height, Swivel, tilt Connectivity interfaces HDMI (HDCP 1.4), Display port 1.2 (HDCP 1.4), USB-C 3.2 Gen 1, 2 X USB 3.2 Gen 1, LAN, Audio Line out (Mini Jack), HDMI cable of 1.8 metres included, Product similar to Model DELL 24 Touch USB-C Hub Monitor P2424HT or equivalent, with 03 years onsite warranty Note: Read scope of work for full functional requirements	4	Nos	31,200.00	1,24,800.00
3	Supply, installation commissioning of Colour laser network printer A3 size Note: Read scope of work for full functional requirements	1	Nos	1,96,000.00	1,96,000.00
4	Supply, installation commissioning of 6.0 KVA UPS system with 6Hrs backup time (Common for SADS and DAWS) Note: Read scope of work for full functional requirements	1	No.	2,88,999.70	2,88,999.70
	Total of SW-II (Incl. of GST@18%)				8,25,587.70
SW-III : Communication Rack					
S.No	Description	Qty	Unit	Unit rate	Total
1	Supply of 19" 24U Rack Enclosures Networking/Server Rack as per specification:- Type of Product :- Wall Mount Rack 19"u201D Rack With Front Glass Door With Lock key Side panels Material :- Mild Steel Finish:- Powder coated Height 24U Application :- For Medium / Large Networking, telecom, CCTV, AV cable TV applications. Note: Read scope of work for full functional requirements	1	No.	10,666.00	10,666.00
2	Supply, Installation and Commissioning of firewall Similar to SOPHOS XGS 106 or better make. Note: Read scope of work for full functional requirements	1	No.	64,320.62	64,320.62

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3	Supply of Rack Mountable 24 Port manageable Layer-3 PoE Switch with 4 Nos of 10G SFP loaded Port and 24 Nos of GE port with all accessories and required SFP module, Make-HP Aruba 2930F 24G 4SFP+ switch or Similar. Note: Read scope of work for full functional requirements	1	No.	73,445.56	73,445.56
4	Network Attached Storage (NAS) Device, On Site OEM Warranty 3 Years. Note: Read scope of work for full functional requirements	1	No.	1,47,670.00	1,47,670.00
5	Supply, installation commissioning of NAT edge processor (NAT102T 2 Port Industrial Network Translator device). Note: Read scope of work for full functional requirements	1	No.	1,71,100.00	1,71,100.00
6	Supply, installation commissioning of Power Supply distribution, conditioning and UPS system 1kVA for rack Equipment Note: Read scope of work for full functional requirements	1	No.	7,800.00	7,800.00
7	Supply, installation commissioning of VOIP based Handset for Service during Emergency/trouble Shooting Note: Read scope of work for full functional requirements	1	No.	5,900.00	5,900.00
	Total of SW-III (Incl. of GST @18%)				4,80,902.18
SW-IV : Modular workstation					
S.No	Description	Qty	Unit	Unit rate	Total
1	T-shaped Modular workstation with integrated cable management each 5'x5' with Total size of 10'X 5' Approximately. Revolving chairs-4Nos., Dlink RJ 45 port:02 Nos. per work area, Telephone RJ11 port: 02 Nos. per work area, Anchor or similar make Power supply 5 amp sockets: 3 nos per work area. Make Godrej or similar. Design shall suit the room space conditions/constraints. Note: Read scope of work for full functional requirements	1	set	1,71,100.00	1,71,100.00
2	Supply of Smart phone with SADS App Note: Read scope of work for full functional requirements	4	Nos	15,994.95	63,979.80
	Total of SW-IV (Incl. of GST@18%)				2,35,079.80
	Total of SW-I to IV (Incl. of GST@18%)				21,08,831.68

1. The contractor/tenderer has to quote the percentage At Par/Above/Below for tender estimated rate total of Rs. 21,08,831.68. The tenderer should carefully study all instructions, terms and conditions as mentioned

in special conditions, Technical specifications and price schedule of this tender before quoting their offer in the Price Schedule. The tenderer should submit their offer through: IREPS website at www.ireps.gov.in".

2. On production of Documentary evidence about the payment of GST for the schedule items by the contractor, Total GST amount paid will be reimbursed when submitted along with on account bill/Final bill.
3. GST may increase or decrease as per Government rules in vogue. GST will be paid as applicable as per Government rules in vogue.
4. The rate quoted anywhere, other than respective Tender schedule shall not be considered. Any corrections to the rate once quoted by the tenderer should be within Offer submission Period i.e. Fifteen days prior to opening of tender.
5. No correspondence/representation from tenderer will be considered for their failure to quote the rates as above.

3 Scope of Work

Name of the work:Setting up of Control Office Equipment (COE) as per Part 3 of CLW's Specification No. CLW/C-D&D/ES/3/0554, April 2024 at Electric Loco Shed, Kazipet

This tender covers the design, manufacture, supply, testing, delivery, installation, and commissioning of various equipment required for setting up of Control Office Equipment.

Scope of Work for COE at Electric Loco Shed

The Firm Shall submit all technical details of material to be supplied and get approval of Sr.Divisional Electrical Engineer, Traction and Rolling stock, Kazipet before supply of material. Decision of Sr.Divisional Electrical Engineer, Traction and Rolling stock, Kazipet in regard to acceptance of the material supplied by the firm/contractor is final and binding on the contractor

SW No.	S.No.	Description of Item	Functional Requirements	Scope of Work
SW-I	1	Supply, Installation, Testing Commissioning of 86 Inch 4K UHD Interactive Flat Panel Display	<ul style="list-style-type: none">• Display Size: 86 Inch•Resolution: 3840 × 2160 (4K UHD)• Aspect Ratio: 16:9• Life Span: 50,000 Hours• Memory: 4GB RAM,64GB Storage• Refresh Rate: 60 Hz• Features: Anti-Glare, Anti Blue Light Filter, Annotation Feature, Quad ViewWireless Projection•Warranty: 3 Years Onsite• Operating System: Android•Similar Model: Hikvision DS-D5B86RB/EL or Equivalent	<ul style="list-style-type: none">• Supply of Interactive Flat Panel Display• Installation and wall mounting• Power and signal cable connection• Configuration and setup• Testing and commissioning• Demonstration and warranty support
SW-I	2	Supply, Installation Commissioning of All-in-One Personal Computer (AIO PC)	<ul style="list-style-type: none">• Processor: Intel Core i3• Operating System: Windows 11• Other software: MS office• RAM: 16GB DDR4• Storage: 512GB NVMe SSD• Display Size: 23.8 Inch• Keyboard Mouse: Wired• Ports: HDMI, DP, USB, RJ45 Ethernet• Similar Model: HP 440 G9 AIO i3 or Equivalent	<ul style="list-style-type: none">• Supply of AIO PC• Installation and setup• OS configuration• Peripheral connection• Testing and commissioning

SW No.	S.No.	Description of Item	Functional Requirements	Scope of Work
SW-I	3	Supply, Installation Commissioning of 8 Port KVM Switch	<ul style="list-style-type: none"> • Type: Analog • Computer Connections: 8 Ports • USB Type-A Ports: 1 • Audio Jack: 3.5 mm • Housing: Metal Rack Mountable • Port Selection: Push Button Hotkeys • Resolution Support: 1920 × 1200 • Cascading Support: 2 KVM Switches • Similar Model: ATEN CS1308 or Equivalent 	<ul style="list-style-type: none"> • Supply of KVM Switch • Rack mounting and installation • Cable connections • Configuration and setup • Testing and commissioning
SW-I	4(a)	Supply, Installation Commissioning of Wi-Fi Router with LAN	<ul style="list-style-type: none"> • Router Type: WAN • Gigabit Ethernet Interface Ports: 5 • LAN Ports: 3 • Packet Forwarding Rate: 98.5 MPPS • Throughput: 100 Mbps • Power Consumption: 20 W • Operating Temperature: 0°C to 50°C • Similar Model: AnexGate ACE Classic Plus-G or Equivalent 	<ul style="list-style-type: none"> • Supply of Wi-Fi Router • Installation and configuration • LAN integration • Testing and commissioning
SW-I	4(b)	Supply of Interface Cable – 100 Metres	<ul style="list-style-type: none"> • Type: CAT-6 UTP Ethernet Cable • Conductor: 23 AWG Solid Bare Copper • Cable Diameter: 6.1 mm • Sheath: FR-PVC • Operating Voltage: 72 V • Dielectric Strength: 1.0 kV DC • Operating Temperature: -20°C to 60°C 	<ul style="list-style-type: none"> • Supply of Interface Cable • Laying and routing of cable • Cable termination • Testing of cable continuity
SW-I	4(c)	Supply of HDMI Cable – 15 Metres (10 Numbers)	<ul style="list-style-type: none"> • Cable Type: HDMI Male to Male • Length: 15 Metres • Resolution Support: Up to 4K • Conductor: Copper 28 AWG • Similar Model: Belkin HDMI Cable or Equivalent 	<ul style="list-style-type: none"> • Supply of HDMI Cables • Connection and laying • Testing of video connectivity

SW No.	S.No.	Description of Item	Functional Requirements	Scope of Work
SW-II	1	Supply, Installation Commissioning of High-End Personal Computer with 24 Inch Display	<ul style="list-style-type: none"> • Processor: Intel Core i7-14700 • Operating System: Windows 11 • RAM: 16GB DDR5 Expandable up to 64GB • Storage: 2TB NVMe SSD • Display Size: 24 Inch • Display Resolution: Full HD 1920 × 1080 • Graphics controller for dual head display • Connectivity: USB, HDMI, DP, Ethernet • Warranty: 3 Years • Similar Model: Dell Optiplex 7020 Tower Plus or Equivalent 	<ul style="list-style-type: none"> • Supply of High-End PC • Installation and setup • OS and driver installation • Testing and commissioning
SW-II	2	Supply, Installation, Testing Commissioning of 24 Inch Full HD Touch Monitor	<ul style="list-style-type: none"> • Display Size: 24 Inch • Resolution: 1920 × 1080 • Touch Feature: 10 Point Capacitive Touch • Refresh Rate: 60 Hz • Connectivity: HDMI, DP, LAN, USB-C • Adjustable Stand: Height, Swivel Tilt • Warranty: 3 Years • Similar Model: Dell P2424HT or Equivalent 	<ul style="list-style-type: none"> • Supply of Touch Monitor • Installation and setup • Connectivity configuration • Testing and commissioning
SW-II	3	Supply, Installation Commissioning of A3 Size Colour Laser Network Printer	<ul style="list-style-type: none"> • Technology: Laser Printer • Colour Capability: Full Colour • Paper Size: A3 A5 Support • Print Speed: 25 ppm • Connectivity: Ethernet USB • Print Resolution: 1200 × 2400 dpi • Features: Duplex ADF, Scanner, Copier, Trolley • Similar Model: Fujifilm Apeos-C2560 or Equivalent 	<ul style="list-style-type: none"> • Supply of Printer • Installation and network setup • Driver configuration • Testing and commissioning
SW-II	4	Supply, Installation Commissioning of 6.0 KVA UPS System with 6 Hours Backup	<ul style="list-style-type: none"> • Capacity: 6.0 KVA • Input Voltage: 160V–260V AC • Output Voltage: 230V AC • Battery Type: VRLA(Non Spillable) • Backup Time: 6 hrs • Efficiency: greater than or equal to 90% • Similar Model: 	<ul style="list-style-type: none"> • Supply of UPS System • Battery installation • Electrical connection • Testing and commissioning

SW No.	S.No.	Description of Item	Functional Requirements	Scope of Work
SW-III	1	Supply of 19 Inch 24U Rack Enclosure Networking/Server Rack	• Rack Size: 19 Inch • Rack Capacity: 24U • Material: Mild Steel Finish	• Supply of Rack Enclosure • Placement and installation
SW-III	2	Supply, Installation Commissioning of Firewall System	• Enterprise Grade Firewall • Similar Model: Sophos XGS 106 or Equivalent	• Supply of Firewall • Installation and network integration • Security configuration • Testing and commissioning
SW-III	3	Supply of Rack Mountable 24 Port Manageable Layer-3 PoE Switch	• 24 GE PoE Ports • 4 Nos. 10G SFP Ports • Includes Required SFP Modules and Accessories	• Supply of Layer-3 Switch • Rack mounting • Configuration and testing
SW-III	4	Supply of Network Attached Storage (NAS) Device	• Storage Capacity: 24 TB • Drive Slots: 4 × 6TB NL-SAS/SATA • NVMe Slot: 1 • Cache Memory: 128 GB • Front End Port Speed: 5 Gbps • Warranty: 3 Years OEM	• Supply of NAS Device • Installation and RAID configuration • Storage setup • Testing and commissioning
SW-III	5	Supply, Installation Commissioning of NAT Edge Processor	• Ethernet Ports: 2 × RJ45 • Management: Web, SSH, Telnet • NAT Features: 1-to-1, N-to-1, Port Forwarding • Firewall Filter: IP, MAC, Ports • Operating Temperature: -40°C to 85°C • Similar Model: Moxa NAT-102-T or Equivalent	• Supply of NAT Device • Installation and configuration • Network integration • Testing and commissioning
SW-III	6	Supply, Installation Commissioning of 1 KVA UPS System for Rack Equipment	• Capacity: 1 KVA • Input Voltage: 160V–260V AC • Output Voltage: 230V AC • Battery Type: SMF-VRLA • Backup Time: 30 Minutes • Efficiency: greater than or equal to 90% • Similar Model: Techser T1000 or Equivalent	• Supply of UPS • Battery installation • Electrical connection • Testing and commissioning
SW-III	7	Supply, Installation Commissioning of VOIP Based Handset	• VOIP Based Communication Handset for Emergency and Trouble Shooting	• Supply of handset • Installation and VOIP configuration • Testing and commissioning

SW No.	S.No.	Description of Item	Functional Requirements	Scope of Work
SW-IV	1(a)	Supply Installation of T-Shaped Modular Workstation with Integrated Cable Management	• Workstation Size: 5 ft × 5 ft • Total Size: 10 ft × 5 ft • Integrated Cable Management	• Supply and fabrication • Installation and assembly
SW-IV	1(b)	Supply of Revolving Chairs – 4 Numbers	• Type: Revolving Chair • Tilt Mechanism: Centre Tilt • Height Adjustment: Hydraulic • Upholstery: Mesh Fabric • Arm Rest Cushion Seat Available • Similar Model: Godrej VURV or Equivalent	• Supply and placement of revolving chairs
SW-IV	1(c)	Supply Installation of D-Link RJ45 Data Ports	• Quantity: 2 Nos. per Work Area	• Supply and installation • Cable termination and testing
SW-IV	1(d)	Supply Installation of RJ11 Telephone Ports	• Quantity: 2 Nos. per Work Area	• Supply and installation • Telephone connectivity testing
SW-IV	1(e)	Supply Installation of 5A Power Supply Sockets	• 5 Ampere Socket • Quantity: 3 Nos. per Work Area • Make: Anchor or Similar	• Supply, wiring and installation • Electrical testing
SW-IV	2	Supply of Smartphone with SADS Application	• Operating System: Android 14 or Latest • RAM: 6 GB • Storage: 128 GB • Display Size: 6 to 6.9 Inch • Resolution: Minimum 2340 × 1080 • Refresh Rate: 86–105 Hz • Battery: 5000 mAh • Network: 2G/3G/4G/5G • Processor: Octa Core • Similar Model: Samsung Galaxy A16 or Equivalent	• Supply of Smartphone • Installation of SADS App • Configuration and testing

Note: After the supply of all materials as per the price schedule, the firm shall duly complete the installations, testing, and integration (if any).

The firm shall also duly complete the entire setup of the Control Room as per the SSE/PPIO instructions.

4 Guarantee /Warranty:

The material supplied shall be warranted for a period 36 months from date of commissioning.

5 Inspection & Testing

- Pre-dispatch inspection (if required)
- Submission of test certificates (if required)

6 Similar Nature of Work Definition

Not applicable to this tender as the tender value is below 50 lakhs

7 Conditions of Contract

7.1 General Conditions of Contract

This contract will be governed by the General Conditions of Contract 2022 with latest amendments issued from time to time. The General Conditions of Contract 2022 can be downloaded from the web link given below

[Indian Railways Standard General Conditions of Contract -April 2022](#)

Corrections Slips for General Conditions of Contract can be downloaded from the web link given below;

[Indian Railways Standard General Conditions of Contract - 2022 correction slips](#)

7.2 Documents in support of constitution of tenderer:

Documents in support of constitution of tenderer shall be as per General Conditions of Contract 2022 .

7.3 Technical & Financial Qualifying Criteria:

Not applicable to this tender as the tender value is below 50 lakhs

7.4 Corrigendum Notice on IREPS:

Corrigendum Notice: For the purpose of Corrigendum in the Tender, NIT period is splitted as under:

1. Advertisement Period – Time during which all information pertaining to tender shall be available but offers cannot be submitted.
2. Offer submission Period – Fifteen days prior to opening of tender during which tenderers can submit their offer.

7.5 Quoting of rates by the tenderers:

1. The tenderer's are required to submit their offer online before tender closing date and time as mentioned in tender notice (NIT).
2. The tenderer's are advised to submit their offer 'Below/At Par/ Above' for each schedule separately.

3. The administration will not own any responsibility, if website is not opened for downloading /uploading the tender documents due to any technical snag.

7.6 Bid Security

1. 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.
2. Any firm recognized by Department of Industrial Policy and Promotion (DIPP) as 'Startups' shall be exempted from payment of Bid Security detailed above.
3. Labour Cooperative Societies shall submit only 50% of above Bid Security detailed above.
4. In case, submission of Bid Security in the form of Bank Guarantee, following shall be ensured:
 - A scanned copy of the Bank Guarantee shall be uploaded on e-Procurement Portal (IREPS) while applying to the tender.
 - The original Bank Guarantee should be delivered in person or by post to **Senior Divisional Electrical Engineer, Traction and Rolling Stock, Electric Loco Shed, Kazipet-506003, Hanamkonda(dist.),** Telangana, India before closing date for submission of bids (i.e, excluding the last date of submission of bids.)
 - 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.
 - The Tender Security shall remain valid for a period of 90 days beyond the validity period for the Tender.
 - 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
 - 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.
 - The envelope shall be addressed to *Senior Divisional Electrical Engineer, Traction and Rolling Stock, Electric Loco Shed, Kazipet-506003, Hanamkonda(dist.), Telangana, India.*
 - If the envelope is not sealed and marked as instructed above, the Authority 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.

7.7 Foreign Exchange:

No foreign exchange and /or import license will be released / provided to the Contractor in connection with this contract. No import license for any plant / equipment or any of the components will be arranged by the Railways.

8 Special Conditions of Contract

8.1 Important Notes to Tenderer

1. All rates quoted in the tender shall be deemed to be inclusive of all taxes/royalties payable by the contractor to the Govt. or Public body or local authority and no additional amount will be paid or claim entertained on this account by the Railway. The rates quoted by the tenderer shall be treated as inclusive of GST @ 18% .However, an increase or decrease in the GST, as prevails, shall be applicable.
2. The railway rates are inclusive of GST @ 18%.However, an increase or decrease in the GST, as prevails, shall be applicable.
3. The Railway reserves the right to cancel the tender without assigning any reason thereto.
4. The prospective tenderers are advised to visit website <http://www.ireps.gov.in> before 15 (Fifteen) days to the date of tender closing to note any changes/corrigendum to the tender.

8.2 Special Conditions

1. The following special conditions supplement to the "Regulations of Tender/Contract, Conditions of tender and General Conditions of Contract 2022" and shall be considered as part of the contract papers. Where the provisions of the Special Conditions are at variance with the General Conditions and other documents mentioned above, the Special Conditions shall prevail.
2. The Contract is governed strictly by the General Conditions of Contract 2022 with latest correction slips if any, as well as the Special Conditions of Contract, Scope of work and Explanatory Notes.
3. Payment of Bid Security and Performance Guarantee (PG) will be governed by GCC 2022 and instructions issued by Railway Board from time to time.
4. Performance Guarantee is as per clause 16.(4) of General Conditions of Contract 2022, with latest amendments.
5. Security Deposit is as per clause 16.(1) of General Conditions of Contract 2022, with latest amendments.
6. Contractor shall be responsible for ensuring compliance with the provisions related to Labour Laws (Central/State) as applicable from time to time. The employees of the Contractor shall not be deemed to be employees of the user department/Railway. Hence the compliance of the applicable Acts/Laws will be the sole responsibility of the Contractor.
7. PVC is not applicable to the tender.

8. In the event of any accident at the work site and it is established during departmental enquiry by the Railways that the accident occurred wholly or partly due to any act of tantamounting to negligence on the part of the contractor or contract staff, due to not adhering to the instructions of engineer-in-charge, then the contractor shall be solely held responsible and is liable for damages and the contractor is also liable for legal prosecution if loss of life is involved.
9. All the terms and conditions stipulated are binding on the contractor.
10. All works should be carried out as per the instructions of Sr.DEE/TRS/KZJ or any supervisor nominated and deviation if any shall be done with the prior approval of Sr.DEE/TRS/KZJ
11. Railway Administration reserves all rights to amend / accept above conditions. The decision of Railway administration is final and binding on the contractor.

8.3 Bank Guarantee SFMS (Structured Financial Messaging System) details of Railway Account

If the tenderer wants submit PG in the form of Bank Guarantee, then the Bank Guarantee issuing bank shall confirm that it is on the SFMS (Structured Financial Messaging System) and shall invariably send the advice of the Bank Guarantee to the following bank details – (as per Sr.DFM/SC office letter no. A/FX-II/MISC Dt. 18.11.2025)

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

Note: Bank Guarantee without feeding SFMS (Structured Financial Messaging System) details of Railway account mentioned in the above table will not be accepted as PG.

9 Terms of Payment to Contractor

1. No advance payment on any account shall be made by the Railways.
2. Actual billing at the time of submitting the Bill will be as per the Schedule of Rates accepted by the Railways to the extent of work carried out on the basis of the Joint Inspection Reports.
3. All relevant documents such as delivery challan, details of works done as per contract agreement duly certified by authorized Railway representative, initial, stage & final joint inspection reports, relevant documents sought in Special Conditions of Tender/Contract wherever applicable and all other documents sought by Railways time to time etc., in duplicate shall be submitted by the Contractor for arranging payment through the Sr.Divisional Finance Manager, S.C. Railway, Secunderabad. Discrepancies, if any, found on the Bill shall be notified to the Contractor by Railways for rectification.
4. Payment for the complete work shall be made only after successful commissioning of the entire system and ensuring that the system is functioning properly in all respects. Bill can be claimed by the Contractor as per the Railway's rules in force on completion of work, duly accepted by railways.
5. Railway will deduct Income Tax for works contract from the contractor's bill amount as per the Rules in Force.
6. Bill paying authority would be Sr. Divisional Finance Manager, Secunderabad for Electric Loco Shed, Kazipet.
7. The payment to the contractor would be made through RTGS/NEFT system for which Tenderers are required to provide "Centre (City code), IFSC Code (Bank Branch specific No.), Name of Bank, Branch Code, Beneficiary Name, Account No. & type of account" along with their offer.
8. Railway will not be responsible for any accident (fatal or non fatal) or injury to any person of the firm or any financial implications, arising there upon. It will be sole responsibility of contractor to guard and protect his equipment, material in the shed during the contract period. The contractor has to compensate any loss or damage caused in the premises to Railway property by his representative while rendering his duties at Electric Loco Shed, Kazipet.
9. The Railway attach utmost importance to the timely completion of the work on or before the date contracted for. In this connection, the attention of the contractor is specially invited to the clauses regarding 'Liquidated damages' and termination of contract owing to default of contractor provided for in General Conditions of Contract.

i)	Name and address of the Bank	
ii)	Type of Account	SB/Current/OD A/c
iii)	Account Number	

Continued on next page

(Continued)

iv)	Bank code (MICR) or IFSC	
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The attested copy of the above details by the concerned Bank Manager should be sent to this office.

9.1 “LETTER OF CREDIT” AS MODE OF PAYMENT

“LETTER OF CREDIT” AS MODE OF PAYMENT IN WORKS TENDERS OR SERVICE TENDERS: (Ref: Railway Board Letter No.2018/CE-I/CT/9dt.04-06-2018 communicated by PCE/SC vide letter. No.W.148/P/GCC/Vol-III dt.15-06-2018.) For all the tenders advertised cost of 10Lakhs or above; mode of payment option through Letter of credit is applicable as per Lr.no.2018/CE-I/CT/9 dated 04-06-2018

1. This is applicable only for Tenders whose advertised tender value is Rs.10 lakhs and above.
2. This is an option for the contractors to take payment from Railways through a Letter of Credit (LC) arrangement and the following are the special conditions.
 - (a) For all tenders having advertised cost of Rs.10 lakh or above, the contractor shall have the option to take payment from Railways through a letter of credit (LC) arrangement.
 - (b) This option of taking payment through LC arrangement has to be exercised in IREPS (Indian Railway Electronic Procurement System- the e-application on which tenders are called by Railways) by the tenderer at the time of bidding itself, and the tenderer shall affirm having read over and agreed to the terms and conditions of the LC option.
 - (c) The option so exercised, shall be an integral part of the bidder's offer.
 - (d) The above option of taking payment through LC arrangement, once exercised by tenderer at the time of bidding, shall be final and no change shall be permitted, thereafter, during execution of contract.
 - (e) In case tenderer opts for payment through LC, following shall be the procedure to deal release of payment through LC.
 - i. The LC shall be a sight LC.
 - ii. The contractor shall select his Advising/Negotiating bank for LC. The incidental cost towards issue of LC and its operation thereof shall be borne by the contractor.
 - iii. SBI, New Delhi, Main Branch will be the nodal branch for issue of LCs based online requests received from Railway Accounts Units for tenders opened in financial year 2018-19.SBI branches, where the respective Railway Accounts Office has its Account (local SBI branch) will be the issuance/reimbursing branch for LC issued under this arrangement. The Bank shall remain same for this tender till completion of contract. The incidental cost @ 0.15% per annum of LC value, towards issue of LC and operation thereof shall be borne by the contractor and shall be recovered from his bills.
 - iv. The LC shall be opened initially for duration of 180 to 365 days in consultation with contractor. The LC shall be extended time to time as per the progress of the contract, on the request of the

contractor. The value of LC to be opened initially as well as extended thereafter shall be finalized by the engineer in consultation with the contractor on the basis of expected progress of work.

- v. The LC terms and conditions shall inter-alia indemnify and save harmless the Railway from and against all losses, 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 relation to the Letter of Credit (LC). All sums payable/borne by Railways on this account shall be considered as reasonable compensation and paid by contractor.
 - vi. The LC terms and conditions shall inter-alia provide that Railways will issue a Document of Authorization (format enclosed as Annexure-(LC)-2) after passing the bill for completed work, to enable contractor to claim the authorized amount from their bank.
 - vii. The acceptable, agreed upon document for payments to be released under the LC shall be the Document of Authorization.
 - viii. The Document of Authorization shall be issued by Railway Accounts Office against each bill passed by Railways.
 - ix. On issuance of Document of Authorization, a copy of Document of Authorization shall be posted on IREPS for download by the contractor. A digitally signed copy of Document of Authorization shall also be sent by Railway accounts office to Railways bank (Local SBI branch)
 - x. The contractor shall take print out of the Document of Authorization available on IREPS and present his claim to his bank (advising Bank) for necessary payment as per LC terms and conditions. The claim shall comprise of copy of Document of Authorization, bill of exchange and Bill.
 - xi. The payment against LC shall be subject to verification from Railway's Bank (Local SBI branch)
 - xii. The contractor's bank (advising bank) shall submit the documents to the Railway's Bank (SBI local branch).
 - xiii. The Railway's bank (issuing bank) shall, after verifying the claim so received w.r.t. the digitally signed Document of Authorization received from Railway Accounts office, release the payment to contractor's bank (advising bank) for crediting the same to contractor's account.
 - xiv. Any number of bills can be dealt within one LC, provided the sum total of payments to contractor is within the amount for which LC has been opened.
 - xv. The LC shall be closed after the release of final payment including PVC amount, if any to the contractor.
 - xvi. The release of performance guarantee or security deposit shall be dealt directly by railway with the contractor i.e., not through LC.
3. For opening of LC, executive department shall make a request letter to concerned Accounts Department on a format, placed as Annexure-LC-I.
4. Necessary changes in IREPS and IPAS e- applications have already been carried out, for having option for payment to contractors through LC.

10 Penalty clause

10.1 Penalty for delay in supply of Material

Penalty for the delay in completion of work due to contractor will be as per GCC 2022.

10.2 Penalty for delay warranty

If the time taken for attention and bringing back the repaired under warranty failed item is more than 30days from date of intimation of warranty failure, then a penalty of 0.5% of accepted rate of that item will be levied per day.

10.3 Penalty for not wearing by Uniform/ID cards/ Safety Shoes or any personal protective equipment by contractor staff

If any of the contractor labour/supervisor do not wear Uniform/ID cards/ Safety Shoes or any personal protective equipment on any day during the course of contract a penalty of RS. 50 per day per person would be imposed

10.4 Penalty for consumption of intoxicants or tobacco items by contractor/contractor staff at ELS/KZJ premises

The contractor or his personnel shall not consume any intoxicants or tobacco items such as cigarettes, sigar, gutca, panparag etc., in the ELS premises. In case if it is noticed any time that they are either smoking or under influence of liquor penalty of Rs.1000/- per person per incident will be imposed and labour found in intoxicated condition should be debarred from working in the shed by the contractor. The contractor shall exercise his influence and authority to the utmost extent to secure strict compliance with this condition.

10.5 Note for Penalty clause

In case of any delay for reasons beyond firm's control (or) on Railway account (or) other reasons, decision of Sr.DEE/TRS/KZJ in regard of penalty will be final and to be bound by the firm.

11 Period of Completion

6 months from date of issue of LOA or from date of commencement. Generally the date of commencement will be within 15 days from the issue of LOA (or) mutual understanding between firm and Sr.DEE/TRS/KZJ, immediately on submission of performance guarantee after receiving LOA and carried out in consultation with Sr.Divisional Electrical Engineer, Electric Loco Shed, Kazipet-506003(Telangana).

12 Extension of Time

Extension of Time shall be governed as per General Conditions of Contract 2022.

13 Variation in Contract

Variation in Contract shall be governed as per General Conditions of Contract 2022.

14 Supervisor

The supervision of the work as per tender conditions and inspection will be carried out by SSE/PPIO/ELS/KZJ or any other supervisor nominated by Sr.DEE/TRS/KZJ

15 Other Terms

1. In all matters of dispute the decision of the Railway shall be final and binding.
2. Safety Measure

I During the execution of the work, the contractor or his representative shall not leave the site where the works is being carried out. At the site of work, the contractor shall always make available his experienced and competent representative who shall be approved by the Railway Administration and who shall be invested with the adequate powers by the contractor so that orders or instructions given to the said representative by the Railway Administration in writing or otherwise could be considered as duly given or conveyed to the contractor himself and the same will be complied with by the Contractor's representative.

II The Contractor shall abide by all Railway Regulations including General & Subsidiary Rules in force for the time being and ensure that the same are followed by his representatives, agents or subcontractors or workmen. He shall give due notice to his employees and workers about provision of relevant paras of the regulations. These regulations can be seen in the office of the Engineer and/or Railway Headquarters office.

III The works must be carried out most carefully without any infringements of the Indian Railway Act or the General & Subsidiary Rule in force on the Railway, in such a way that they do not hinder Railway operation or affect the proper functioning or cause damage to any Railway equipment, structure or Rolling Stock except as agreed to by the purchaser, provided that all damages and disfiguration caused by the Contractor to any Railway property must be made good by the Contractor at his own cost failing which cost of such repairs/damages or detentions shall be recovered from the Contractor.

IV In case the Contractor carries out any work such that it causes or has potential to cause any accident/derailment of a loco or a train or in case of a mast hitting the loco or in case a OHE/PSI mast 'or' any heavy material left on track or near the track within 3.5 meter of centre of nearest Railway track, then in addition of Railway taking legal action against the Contractor and recovering damages from the Contractor for damage to Railway's equipment like loco, trains, or for detention to Railway Traffic etc., or to Railway passengers & staff, the Railway will take suitable action against the contractor.

V If there is any conflict between special conditions and the general conditions of the contract, the conditions laid down in special conditions will be sustained.

VI The tenderer shall abide by the extent Rules of Railway stipulated under General Conditions of Contract 2022 and Rules laid under Special Conditions of the contract with latest correction slips and IRS conditions.

(Note: Copy of General Conditions of Contract 2022/ IRS conditions are available for verification in the office of Sr. Divisional Electrical Engineer/TRS /Kazipet during office working hours)

16 Annexure-V

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

I.....(*Name and designation*)**appointed as the attorney/authorized signatory of the tenderer (including its constituents), M/s..... (hereinafter called the tenderer) for the purpose of the Tender documents for the work of as per the tender No..... of(*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 documents from Indian Railway website www.ireps.gov.in. I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4. I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5. **I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.**
6. **I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.**
7. I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8. I/we understand that if the contents of the certificate submitted by us are found to be forged/false or incorrect at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. 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 or incorrect at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.

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

SEAL AND SIGNATURE OF THE TENDERER

Place:

Date:

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

17 ANNEXURE-V(A)

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

SEAL AND SIGNATURE OF THE CONSTITUENT FIRM/CONSTITUENT PARTNER

Place:

Date:

Details as appropriate are to be filled in suitably by tenderer

18 Annexure –VIA

(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 bid for.....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 Head-quarters office at..... *[Insert Address]*, hereinafter called the Bank, acting through*[Insert 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 herein before 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.

19 Checklist of documents

1. Annexure V
2. Annexure V(A)
3. Documents in support of constitution of tenderer.
4. Jurisdictional officer details (GST).

The above list is for indicative purpose only and the tenderer shall submit other documents as necessary or applicable