

उत्तरमध्यरेलवे NORTH CENTRAL RAILWAY

E-TENDER DOCUMENT

OFFICE OF CWM:
Coach Mid-Life Rehabilitation Workshop, Jhansi

TENDER NO: T_24-25_Toilet_RT_01

TENDER NOTICE NO: T_24-25_Toilet_RT_01_Notice

Name of Work:

Upgradation of toilets in ICF coaches

कार्यकानामः

आईसीएफ डिब्बों में शौचालयों का उन्नयन।

E- Tender Invited By: CWM/COACH MLR WORKSHOP, JHANSI
मु0कार0प्र0 / कोच मिड लाइफ रिहैबिलिटेशन वर्कशॉप झाँसी

PRICE OF TENDER DOCUMENT: FREE OF COST

निविदा दस्तावेज़ का मूल्य : निःशुल्क

Date and Time of Closing of Tender	:	17.07.2026 at 15:30 Hrs
निविदा बंद करने की तिथि और समय		
Pre Bid Conference Date & Time	:	24.06.2026 at 11:00Hrs
Venue	:	CMLR Workshop Jhansi

Total Number of Pages: 92 Pages Including Top Sheet

**NORTH CENTRAL RAILWAY
COACH MID-LIFE REHABILITATION WORKSHOP, JHANSI**

Name of work–Upgradation of toilets in ICF coaches.

TENDER NO: T_24-25_Toilet_RT_01

TENDER NOTICE NO: T_24-25_Toilet_RT_01_Notice

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NORTH CENTRAL RAILWAY

COACH MID-LIFE REHABILITATION WORKSHOP, JHANSI

Tender No.: T_24-25_Toilet_RT_01**Name of Work:** Upgradation of toilets in ICF coaches.CHECK-LIST

1	Advertised Cost (Rs.854475776/-)	:	Seen
2	Completion Period (22 Months)	:	Seen
3	Bid Security(Rs. 1,70,89,500/-)	:	Seen
4	Date of Opening (08.07.26)	:	Seen
5	Tender validity period (90 Days)	:	Seen
6	Have You Read Tender Document Carefully	:	Yes
7	Have you Read penalty & payment Clause	:	Yes
8	Have you uploaded scan copy of GST no.	:	Yes
9	Have you uploaded scan copy of PAN no.	:	Yes
10	Have you upload scan copy of registration of EPF & ESI	:	Yes
11	Have you uploaded the filled scan copy of Form-A	:	Yes
12	Have you uploaded scan copy of Bank detail as prescribed format	:	Yes
13	Whether tender participated by sole proprietor or by a partnership firm?	:	Proprietorship firm/ Partnership firm/Private Limited
14	Whether partnership deed and power of Attorney furnished with the tender?	:	Yes
15	Have you downloaded GCC April 2022 or read it carefully. General conditions of contract (GCC) April 2022 with amended / corrected up to correction slip, till inviting date of this tender, can be downloaded (As it is uploaded with this Tender or from railway website) by the bidder. In case any dispute arises in between contractor & consignee, General Condition of Contract April 2022 with its amendments issued time to time, till inviting date of this tender, by the Railway shall apply.	:	Yes
16	Have you read all conditions documented in tender document	:	Yes
17	Have you quoted any deviation? If "yes" then have you uploaded filled annexure-Q	:	Yes/No
18	Have you understood the nature of work & terms/ conditions laid down in tender documents	:	Yes
19	Have you uploaded the documents regarding eligibility criteria with completion certificates?	:	Yes
20	The tenderer whether sole proprietor / a company or a partnership firm / joint venture (JV) / registered society / registered trust / HUF / LLP etc. if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favor 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.	:	Noted
21	In case of other than company/proprietary firm, Annexure-V(A) shall also be submitted by each member of a partnership firm/Joint venture(JV)/ Hindu undivided family (HUF) / Limited Liability partnership (LLP) etc. as the case may be. Non submission of above certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall result in summarily rejection of his/their bid (As per GCC April 2022 & IREPS portal).	:	Noted
22	Have you uploaded Self-Certification under preference to Make in India as given Annexure-P	:	Yes
23	Have you uploaded Labour & Contract law Compliance Charter as given Annexure-A2	:	Yes

Note: If you do not follow the above carefully, it may disqualify your candidature in this tender.

NORTH CENTRAL RAILWAY**E-Tender Notice****Open Tender No. - T_24-25_Toilet_RT_01**

E-tenders are invited from experienced or interested contractors on behalf of the President of India for the under mentioned work-

Name of Work: Upgradation of toilets in ICF coaches.

Cost of work.	Rs. 85,44,75,776/- (Including 18% GST)
Bid Security	Rs. 1,70,89,500/-
Time of completion	22 Months
Online tender closing date and time	17.07.2026 at 15:30 Hrs
Pre Bid Conference Date & Time Venue	24.06.2026 at 11:00 Hrs CMLR Workshop Jhansi Online VC link is https://meet.google.com/kwt-smmf-twn
Contact person Name/Designation Mobile No.	Shri Sanjeev Pal/SSE Tender 9151056746

Detailed information about tender and tender format is available at website

www.ireps.gov.in

Works Manager,
For Chief Workshop Manager,
Coach mid Life Rehabilitation Workshop
North Central Railway, Jhansi
For and on behalf of the President of India

Form-A

**NORTH CENTRAL RAILWAY,
COACH MLR WORKSHOP, JHANSI**

(Declaration by the contractor before filling the tender form)

Tender No. : **T_24-25_Toilet_RT_01**
Tender Notice No. : **T_24-25_Toilet_RT_01_Notice**
Name of work : Upgradation of toilets in ICF coaches

To,
The President of India
(Acting Through The)
Chief Workshop Manager
Coach Mid-Life Rehabilitation Workshop, JHANSI

1. I/we M/s.....have read the various conditions of tender attached hereto and agree to abide by the said conditions. I/we also agree to keep this Tender open for acceptance for a period of **90 (Ninety days only)** 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 **Coach Mid-Life Rehabilitation Workshop, Jhansi, North Central Railway**, at the rates quoted in the attached bill(s) of quantities and hereby bind myself / ourselves to complete the work in all respect within **22 Months** from the date of issue of LOA 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 the Railway in the annexed special conditions (scope of work)/specifications, schedule of rates with all correction slips up-to-date for the present contract.
3. A bid security of **Rs.1,70,89,500/- (Rs. One crore seventy Lakh eighty nine Thousand five Hundred Only)** 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 accepted and if: -
 - a) I/We do not submit the Performance Guarantee within the time specified in the Tender Document.
 - b) I/we do not execute the contract documents within seven days after receipt of notice issued by the Railway that such documents are ready; and
 - c) I/we do not commence the work within fifteen days after receipt of orders to that effect.
4. I/ We am/are a Start-up firm registered by.....Department of Industrial Policy and Promotion(DIPP) and my registration number is..... Valid up-to.....(Copy enclosed) and hence exempted from submission of bid security.
5. We are a Labour Cooperative society and our Registration No. is With.....and hence required to deposit only 50% of bid security.
6. Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.

Signature of Witnesses:

(1)
(2)

Signature of Tenderer(s)

Date
Address of Tenderer(s)

PART-I
SCOPE OF WORK AND TERMS & CONDITIONS TO THE TENDERER

1. INFORMATION TO TENDERER:

Tenderers have to go through the relevant drawings, scope of work, bills of material if any, Machinery and equipment meticulously prior to quoting their offer. Cost of specified material, Labour, handling and Transportation Cost of the entire work shall be borne by the Contractor.

2. ELIGIBILITY CRITERIA AND DEFINATION OF SIMILAR NATURE OF WORK:

2.1 Technical Eligibility Criteria:-

As per General conditions of contract (GCC) April-2022 with amended/corrected upto correction slip, till inviting date of this tender

2.2 Financial Eligibility Criteria:

As per General conditions of contract (GCC) April-2022 with amended/corrected upto correction slip, till inviting date of this tender

2.3 Definition of similar work: -

"Supply & Fitment" of complete refurbishment including Electrical & Mechanical Work of LHB or conventional Coaches in any unit of Indian Railways/Public Sector Unit undertakings (PSUs). "Re-furbishment" would mean supply and installation of flooring, wall paneling, ceiling, replacement or repair of seats and berths, toilet of Coach in the interior of coach.

OR

Complete Manufacturing of Metro Coaches Rolling Stock including its Roof Ceiling Panels, side wall panel, seats, doors, gangway & electrical items in any unit of Indian Railways/Public Sector Unit undertakings or any other coach production unit in India.

OR

Complete refurbishment activity including Mechanical & Electrical work for passenger carrying Metro Coaches / EMU / DMU / train set for Repair & Replacement of sidewall panel, roof ceiling panel, flooring, electrical panels, doors and gangway in any unit of Indian Railways/Public Sector Unit under takings or any other coach production unit/ Railway repair and maintenance work shop / Divisional Railways in India or internationally.

3. SCOPE OFWORK, TERMS & CONDITIONS OF CONTRACT:

3.1 Name of work: - Up-gradation of toilets in ICF coaches.

3.2 Quantity: 700 NAC ICF Coaches

3.3 Execution of work :-As per Railway Board L. No.2022/EDME/(En HM& Project)/Misc.12 dated 25.11.2024(Annexure-A3)

3.4 Place of work : Contractor shall execute the work at CMLR WORKSHOP JHANSI of NCR as under:

WORKSHOP	CMLR WORKSHOP JHANSI
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However, above location is tentative and may be changed within North Central Railway as per requirement of Railway

3.5 Responsibility of Contractor: The contractor shall be entirely responsible for Stripping of existing components, Supply, Installation and Commissioning of the components as per scope of work and schedule of items in coaches. Contractor shall ensure that items under the scope of contractor shall be tested & commissioned for its performance under the supervision of concerned Railway officials of workshops / divisions. **Work in Details to be executed by the contractor is as under:**

(A) Stripping of Old Components already fitted in coaches:

- (i) The contractor shall strip the old components as per instructions of concerned Railway Officials like washbasins (inside & outside), toilet doors, toilet ceiling panels & PVC sheets, dustbins (inside & outside), mirrors with holders (inside & outside), old taps, bib cock, Jason cock, health faucet, waste bins, plumbing fittings, flushing system, mouldings, lights in toilet, doorway & gangway floor and wall, commode lids and pressurized flushing valves /normal flushing valves, etc., or any other item which is incidental to the work to be executed.
- (ii) The contractor shall also ensure that any of the existing item mentioned is stripped as per requirement of Railways.
- (iii) The Contractor shall ensure that all the old stripped items are handed over to the respective sections of Railway.
- (iv) The handling and transportation of old stripped components to respective sections or a designated place as identified by the concerned Railway Authority shall be the contractor's responsibility.
- (v) Stripping in the coaches should be done by taking special care and using adequate appropriate instruments and tools so as to avoid breakage /damage of other components.
- (vi) **Stripping of components have to be done by the contractor without any additional expenses:**
- (vii) Any other work not mentioned specifically but essential for completeness of the work in some type of coaches shall be deemed to be included in the scope of work as per requirement of site & shall be done by the contractor without any extra charges. Any other work required completing the work satisfactorily but not mentioned scope of work shall be done by the contractor.
- (viii) After stripping, contractor shall handover the coach to SSE/Body/CMLR Jhansi for inspecting the Corrosion work, if any corrosion work is noticed in coach shall be attended by SSE/Body/CMLR for repair of sole bar, headstock and trough floor along with enhanced work up to finish stage. Other corrosion repair related with lavatory will be done by contractor. All channel and Angle will be painted with **red oxide** by contractor. After completion of corrosionwork by SSE/Corrosion, coach will be again handed over to contractor for toilet upgradation work.

(B) Detailed scope of work under the Contract

Up-gradation of Toilets in NAC ICF coaches will be done by the contractor according to detailed scope of work with reference drawing and specifications and as directed by the concerned Railway Authority mentioned as under:

A. Toilet Area				
Sr. No.	Area	Scope of Work	Ref. Drg./spec/make/Model	Remarks
1	Walls	Panelling of Coach toilet	6MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) of make kommerling/ Aluplast / Alstone Qualify HL 3 as per EN 45545& MMDTS 24004 MCF(Rev.0) or latest	Minimum 6MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) shall be used as final panelling on the metal frame. In ICF NON AC coaches it shall be light gray. The panels can be with pattern or design or just the plain colour. Design shall get approved by Railways if required.
2	Ceiling	Existing Ceiling of Toilet Inside to be replaced with 6MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) of make kommerling/ Aluplast / Alstone meeting HL 3 compliance in thickness of minimum 6 mm.	6MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) of make kommerling/ Aluplast / Alstone& MMDTS 24004 MCF(Rev.0) or latest	Light weight Thermoformable Decorative Polymerized Composite Panel (TDPCP) shall be used as ceiling material . The sheet installation shall be fixed type Until a frequent opening ceiling is required. if asked separately Branded hinges and panel lock of make Southco, Industriala, dirak or equivalent international reputed material shall be used for easy opening and closing. Ceiling shall be installed in such as way that sagging and unevenness shall not be visible even after repeated opening and closing. Colour of these sheets shall be white or light Gray in ICF NON AC coaches
3	Toilet Door	Existing Toilet Door to be replaced with 3 MM Thermoformable Decorative Polymerized	Both materials shall qualify EN 45545 HL 3 for fire worthiness. & MMDTS	Provision for repair or replacement of Existing Door metal frame and having 3mm TDPCP as skin material.

		Composite Panel (TDPCP) make kommerling/ Aluplast / Alstone complying to EN 45545 HL 3	24004 MCF(Rev.0) or latest	In place of existing Door Handle, new Doorknob to be provided. Door lock shall be open able with Allen/Panel Key from Outside the Toilet however knob type handle to be provided from Inside for ease of locking and opening . Reputed and branded handle and knob shall be used.
4	Inside Wash BASIN	Inside Wash Basin Bowl along with Countertop & Below Panel to be made of Aluminum Polymer Composite Material with SS Dustbin inside	MMDTS 18008	Provision for Wash basin bowl with countertop & panel in Aluminium Polymer Composite as per MMDTS 18008 inside each toilet.SS dustbin inside APC Panel.
5	Mirror	Large size flushed mirror of 5mm thickness with frame of Aluminum Polymer Composite Material inside Toilet.	MMDTS 18008	Mirror Frame to be of Aluminum Polymer Composite with aesthetically pleasing Inlay Design as per MMDTS 18008 (Mirror in Brand like Saint Gobain, Modi Guard, Asahi Glass) etc.
6	Tap along with health faucet	Health faucet to be provided in each toilet with two-way Bib Tap.	Bib Cock as per Model No.- F280003CP Health Faucet as per Model No.- F1610110CP	Length of flexible pipe to be approx. 900 mm. The sprinkler & flexible hose to be chrome plated. Bib Cock to be of Hindware Model No.- F280003CP & Health Faucet to be of Hindware Model No.- F1610110CP or similar Make of Susa/ToTo/Kohler/ CERA
7	Toilet Paper Holder	Stainless Steel or ABS Plastic Paper Roll Holder for Western Style Toilet.	Kimberley Clark Model no. 69460 or similar Make – SUSA/Jaquar/Kohler/Cera/ Kimberley Clark	To maintain the Hygiene, and avoid pilferage, misuses & mishandling Toilet paper should be in complete enclosed dispenser/holder
8	Bacteria Neutralizer Dispenser	Bacteria neutralizer dispenser with inbuilt air circulation system along with bio-enzyme bacterial refills in built with fragrance.	RDSO/2008/CG-11 (latest) or equivalent	Automatic Hygiene & Odour Control System along with bio-enzyme bacterial refills in built with fragrance. Capacity 610ML or above for uninterrupted service. Brand – TOTO, Susa, Acme, Water Berry

9	Western Commode Lid Cover	Heavy Duty Commode Lid with Auto Retractor seat cover	Brand Alpine, Tip Top, Susa or equivalent	Existing western commode to be fitted with Auto retractor seat cover of Tip top, Alpine or equivalent make
10	Soap Dispenser	Modular type manual wall mounted liquid soap dispenser with inbuilt lock & key feature	(Brand/Make: Bobrick, Dolphin, Gojo, Merida, ACME, Susa) Capacity- Approx. 800 - 1000 ml	Wall mounted liquid Soap Dispenser with the theft resistance installation arrangement in each toilet Brand- Jaguar, Bobrick, Merida, Susa, ACME
11	Water taps for outside and inside of toilet at Wash Basin	Quarter turn Bib Cock	(Brand/Make- FX00101 of Hindware/kohler/Grohe/ Dolphin / TOTO/Susa)	Taps For outside and inside washbasins in all ICF NON AC coaches to be Quarter turn Bib cock in make (Brand/Make- FX00101 of Hindware/ Kohler/Grohe/ Dolphin/TOTO/Susa)
12	Western commode Toilet bowl & seat cover for Western Commode	Existing Western Commode shall be replaced with SS toilet bowl and additional shroud shall be used for better hygiene	Stainless steel toilet bowl similar to LHB toilet look	Toilet Bowl Commode shall be changed and shall be shroud in FRP or FRCP material. Colour of the shroud shall be in gray or other colour matching with over all aesthetics to interior of toilet.
13	PU coated Grab Bar	Disabled friendly Grab bar to be used inside toilet door in approx. 18-inch sizes x 25mm	SS – 304	PU Coated Disabled friendly Grab bar to be used inside toilet door in approx. 18-inch sizes x 25mm. The same to have Anti-Skid PU Skin. Make – SUSA, Hindware, Southco, Industrial, dirak
14	Toilet Inlay	FRP or Decorative Polymerized Composite Panel (TDPCP) Floor Inlay for Indian Pan & western Inlay	Make Kommerling/ Aluplast / Alstone& MMDTS 24004 MCF(Rev.0) or latest	Existing Inlay to be replaced with new modular FRP or TDPCP Inlay. The surface shall be free from any damage, dent or undulation. The surface shall be antiskid and shall comply with fire retardancy of HL3 as per EN45545. If required suitable epoxy flooring as per MDTs 44289 or other PU coating complying to over all EN45545-HL3 compliance can also be used.

15	Indian Pan	Existing pan to be replaced with new pan with functionality of LHB type pan		Existing Indian pan to be replaced with new type of pan having inner ring for water flushing to introduce concealed flushing system
B. Doorways & Gangways Area				
Sr. No.	Area	Scope of Work	Ref. Drg./spec/make/Model	Remarks
1	Walls & Ceiling	Side Wall & Ceiling Panel in Non-AC doorway & Gangway Area	Make Kommerling/ Aluplast / Alstone& MMDTS 24004 MCF(Rev.0) or latest	<p>SIDE WALL - 3MM Decorative Polymerized Composite Panel (TDPCP) panels qualifying to EN 45545- HL3.</p> <p>Colour – Light Gray or light blue or wooden colour shall be used in ICF NON AC coaches</p> <p>CEILING – Either 12mm compreg board with GFRE sheet or 12 MM Decorative FRCP shall be used in ceiling. In case of FRCP the surface shall be decorative and it doesn't required additional GFRE or other skin material. Branded hinges and panel lock of make Southco, Industriala, dirak or equivalent international reputed material shall be used. Ceiling shall be installed in such a way that sagging and unevenness shall not be visible even after repeated opening and closing.</p> <p>Colour of these sheets on side wall and ceiling in ICF NON AC coaches shall be light Gray or light wooden texture or as specified by Railway meeting over all aesthetic of coach interior</p>
2	Washbasin & Outside Dustbin	Inside Wash Basin Bowl along with Countertop & Below Panel to be made of Aluminium Polymer Composite Material with SS Dustbin inside	MMDTS 18008	ForOutside,Wash basin bowl with countertop & panel in Aluminum Polymer Composite as per MMDTS 18008 in.SS dustbin inside APC Panel

3	Mirrors	Large size flushed mirror of 5mm thickness with frame of Aluminium Polymer Composite Material outside Toilet	MMDTS 18008	Mirror Frame to be of Aluminium Polymer Composite with aesthetically pleasing Inlay Design as per MMDTS 18008 (Mirror in Brand like Saint Gobin, Modi Guard, AIS) etc.
4	Water tap for Basin	Quarter turn Bib Cock		Quarter turn Bib cock for toilets in make (Brand/Make- FX00101 of Hindware/ Kohler/Grohe/ Dolphin/TOTO/S usa)
5	Braille Signage		As per ICF Spec MD 253	Braille signage for complete toilet to be provided as per specification, eligibility & related drawing.
6	Doorway & Gangway Flooring	Doorway & Gangway flooring to be replaced with Decorative Polymerized Composite Panel (TDPCP)	make Kommerling/ Aluplast / Alstone& MMDTS 24004 MCF(Rev.0) or latest	Entire floor area to be replaced with Decorative Polymerized Composite Panel (TDPCP) qualifying to EN 45545 HL3 and to be covered with specified PVC floor covering and Aluminium chequered sheet

(i) In the above table:

- 1 Wall = walls of one complete toilet
- 1 Ceiling = ceiling of one complete toilet
- 1 walls & ceiling = walls and ceiling of one complete doorway & gangway
- 1 Doorway & Gangway Flooring = flooring of one complete doorway & gangway area.

(ii) For wider participation and cost effectiveness, an alternative to TDPCP panel material composite such as thermoplastic of Sabic composite or Simorail of Simona composite can also be used. Such Alternate material must comply all of three below mentioned conditions.

- a. Such alternative material must have a proven track record.
- b. Alternative material must be complying with FST requirement of EN 45545-HL-3.
- c. Alternative material must have physical and mechanical properties similar to TDPCP.

The above technical eligibility shall be evaluated as per in Para 2.0 of Tender document Part-I. Non-submission of document in support of qualification of above technical eligibility shall lead to summarily rejection of the offer.

(iii) For the fitment of all the above-mentioned items, the required materials such as molding, screws, clamps, channel and Angle, etc. shall be arranged and provided by the contractor at its own cost, and no extra payment shall be admissible on this account.

(C) **During execution of work, following will also be ensured by the contractor without any additional expenses:**

- i. Proper fitment of all CSK screws.
- ii. Fitment of Toilet Door handle/latch etc. with the help of template.
- iii. Proper workmanship during laying of epoxy to get proper finish around SS Pan and Epoxy interface.
- iv. Fitment of all standard latches and Tower Bolts.
- v. Proper fitment of Toilet threshold and toilet door hinge foot.
- vi. Provision of beading on Washbasin counter along side wall.
- vii. Replacement or repair of panels etc. should also include Pantry area, Linen Cabinet, Passenger Compartment doors, doorway and gangway area, Main Entrance Doors back side etc.
- viii. FST requirements, anti-graffiti, scratch resistance and other quality parameters related to mechanical properties, hygiene and safety shall be ensured by the contractor.
- ix. All type of pipe fittings, Connection, support & Brackets will be fitted by Contractor. All type of pipe fittings from overhead water tank (any capacity), including all pipe stripping, repair/relocation of all lavatory and related plumbing, new Connection, shifting, as per guideline, support Brackets & clips and required gas cutting for relocation, complete drain arrangement from wash basin to bottom of coach, will be done/fitted by Contractor."All lavatory plumbing fittings should be properly fitted by Contractor. Leak proof joint of all pipe & drain to be ensure by the Contractor. Composite Pipe (PE-ALPE) Size 1620, 2025 as per IS 15450-2004 and respective fittings as COUPLER 25X32 LE63215_a, EQUAL ELBOW 16X20 LE63216_a, EQUAL ELBOW 25X32X40 LE63233_a, EQUAL ELBOW 32X40 LE63217_a, EQUAL TEE 16X20 LE63218_a, EQUAL TEE 20X25 LE63219_a, FEMALE ELBOW 16X20 20 LE63235_a, FEMALE ELBOW 1620 15MM LE63220_a, FEMALE ELBOW 3240X40 LE63241_b, MALE CINNECTOR 16X20 15 MM LE63222_a , MALE CONNECTOR 20X25LE63223_a , MALE CONNECTOR 20X25 25MM LE63225_a , MALE CONNECTOR 32X40 LE63224_a, MALE THREAD CONNECTOR 25X32X40 LE63234_a, MALE THREAD CONNECTOR 1620X20 LE63230_NIL. **Railway will provide the required quantity of these above items as per actual requirement during work.**
- x. All Electric fittings such as panel, toilet engage switch, light fittings, exhausts fan fittings and lavatory ceiling fittings as per requirement will be done by the contractor as per instructions of RDSO/CAMTECH & electric department.
- xi. Contractor will lay flooring as per Schedule of rates and quantities. The level /slope should be done in such a manner that there is no water logging inside the toilet. Proper drainage and drain pipe will be provided by the Contractor.
- xii. **All the work has to be done as per the drawing No CME SK - 2396 & CME SK- 2395 / latest drawing as per railway instructions.**
- xiii. Tenderers are strongly advised to visit the sites, before placing their tenders and acquaint themselves with the surroundings and environments. No application shall be entertained after acceptance of tender regarding delay in work commencement/ non availability of labour/ stoppage of work/ etc.
- xiv. All measuring instruments/ Gauges required for the upgradation work will be provided by contractor.
- xv. Cutting Machines, drilling machine, drill bits, bending machine, threading machines, various sizes spanners, screw drivers, sanding papers, masking tapes, welding machines, welding rods, fillers, cutting gases, DA, Oxygen, LPG cylinders, Gas cutting torch and other related

accessories, scrubbers, cleaning materials, thinners, and other equipment should supply by contractor at his own cost.

- xvi. All the mandatory posters/stickers which is required to be displayed in gangway and doorway will be under the scope of contractor.
- xvii. The contractor shall supply adequate quantity of safety gears which includes safety shoes, helmets, hand gloves etc. to staffs engaged by him. It will be responsibility of contractor to ensure no injury happens to his workers. In case of any injury it will be responsibility of contractor to arrange medical treatment of their staffs. First aid box should be available on every site.

4. SCHEDULE OF QUANTITY FOR SUPPLY AND INSTALLATION:

The contractor has to supply, Installation and Commissioning of the materials as mentioned in **Schedule of Quantity & Rate.**

Note:

Contractor has to provide all material as per Schedule of rates and quantities.

- (i) Any other item may or may not be fitted in coaches on the basis of actual requirement in particular coach. Decision of Railway in this regard shall be final and binding to the contractor.
- (ii) Payment shall be made to the contractor on actual quantity of item installed in particular coach.
- (iii) The quantities shown in the attached Schedule are given as a guide and are subject to variation according to the needs of the Railway. The Railway does not guarantee work under each item of the Schedule.
- (iv) For wider participation and cost effectiveness, an alternative to TDPCP panel material composite such as thermoplastic of Sabic composite or Simorail of Simona composite can also be used.

Such Alternate material must comply all of three below mentioned conditions.

- A. Such alternative material must have a proven track record.
 - B. Alternative material must be complying with FST requirement of EN 45545-HL-3.
 - C. Alternative material must have physical and mechanical properties similar to TDPCP.
- (v) Major activity in the toilet up gradation work is towards repairing and fitment and supply of material may vary from coach to coach depending on condition of the coach. It is essentially a repair contract where the amount of work may vary from toilet to toilet and in situ repair/up gradation work has to be done so that the continuous interaction with the supervisors and monitoring by the supervisors is required for successful execution of this project. It qualifies to be done under the works contract.
 - (vi) FST requirement anti-graffiti, scratch resistance and other quality parameters related to mechanical properties, hygiene and safety are the prime requirement and accordingly qualified material complying related specification/drawing shall be followed and accordingly technical capable participants shall be selected as per works contract eligibility and as per technical criteria given for individual items.

- (vii) Bad Odour, water stagnation on the toilet floor and improper flushing system are common issues and attracts major passenger complaints. Railway may adopt any additional item or technology to address these issues at the time of tendering or even at the execution stage by suitable contractual modifications. Other than the item mentioned above, contractor may also suggest alternative material or system for overcoming the issue of bad odour and water stagnation and railway may adopt the same on condition basis. However, all other items such as wall panels etc. shall be same as mentioned in the specification.
- (viii) Nominated supervisor will check 100% of work and 20% test check will be done by AWM/WM/PE/CMLR or executive officer at CMLR workshop as per the agreement of work. The joint note will be made before offering the coach for up-gradation, and also after completion of up-gradation for each coach.

5. CONDITIONS OF CONTRACT AND INSTRUCTIONS

- (i) The contractor shall supply and install all items as per requirements specified in this scope of work and schedule of items.
- (ii) The bulk of quantity shall be executed at CMLR Workshop Jhansi.
- (iii) All the installation work is in the scope of contract. Any installation activity, which is not mentioned in tender /technical specification and is required for completion of the work, shall also be in the scope of the contractor.
- (iv) Contractor shall work on all /different sites simultaneously which shall be identified by the Railway according to requirement of Railway.
- (v) The composition and finish of all the materials covered under contractor's scope of supply shall meet respective specification requirements as covered in the latest relevant drawings / specifications.
- (vi) Workmanship and quality of the work shall be satisfactory to Railway administration.
- (vii) Any process shall be carried out as per governing specification of the item.
- (viii) All items should be of standard quality as specified in the tender document.
- (ix) The contractor shall ensure availability of adequate quantities of up-gradation items in their store at site/their premises for smooth operation of the contract so that the work should not be hampered for want of material.
- (x) Any modification work, if required, as suggested by Railways is also to be carried out by the contractor.
- (xi) Drawings and Specifications mentioned in the tender document are indicative and reference purpose only. However, contractor shall supply the material and execute work as per latest drawings /specifications issued by the railways.
- (xii) Contractor has to physically verify the dimensions and fit to the size. Dimension indicated in the drawing are only for reference.
- (xiii) The Coaches in which this work is proposed to be carried out will be available at the premises mentioned in the tender document. The coaches will be offered to the contractor by the nominated Senior Section Engineer of respective workshops /divisions. The contractor has to carry out the work as per the instructions of nominated Senior Section Engineer of respective workshops / divisions.
- (xiv) The contractor shall not demand for more or less number of coaches. However contractor should be in position to carry out more no. of coaches as per Railway demand to meet Railway targeted out turn.
- (xv) Contractor has to execute the work in the coaches, wherever coaches are placed at the places mentioned in the tender document. Contractor cannot demand for the coach

- placement at any particular place.
- (xvi) **While carrying out up-gradation work in any coach, the any other activities shall/may also be attended by Railway staff simultaneously in the coach and contractor shall not have any objection.**
 - (xvii) The contractor will receive any kind of permission, if required, at his own expense before carry out the work.
 - (xviii) Removal of muck, dirt, etc. from the place where any activity shall be carried out, is the contractor's responsibility.
 - (xix) All tools and machineries/equipment required for the up-gradation work as perspecification shall be arrange and use by the contractor.
 - (xx) Contractor shall arrange the transportation and unloading for material its own.
 - (xxi) The material /items /scrap released from the existing toilet/coach shall beretained by Railways.
 - (xxii) Scrapped materials shall be removed and disposed at nominated place by the contractor on daily basis. No collection of scrap shall be done by the contractor at work place.
 - (xxiii) During installation of all items under the scope of work, it shall be place ensured to control vibrations of items so that reliability / life is not affected and no damages take place. All interior fittings should have aesthetic look and flush with the interior decor. Sharp edges shall be removed.
 - (xxiv) Any alteration or amendment or addition to any clause in the agreement may be done by mutual consent of both the parties by way of a Rider Agreement.
 - (xxv) The toilet of the train should be improved with prescribed amenity fittings inaesthetically pleasing manner and overall appearance should look delightful.
 - (xxvi) The performance of each item provided in/on coaches shall be monitored by concerned Railway Official on regular basis, which shall be recorded and in case of faulty workmanship or defective material on the part of the contractor are found, the same shall be rectified/replaced by the contractor at his own cost.
 - (xxvii) The contractor shall have to repair/replace the defect at his own cost besides a penalty as specified in penalty/warranty clause.
 - (xxviii) Contractor shall engage qualified welders (at least ITI certified in welding trade) for welding purpose wherever required, who possess the required experience and skill for welding duly substantiated with certificate issued by government approved sources.as specified videRBL.No.2025/M(W)1/814/6 dt.24.03.2025, for welding purpose wherever required.
 - (xxix) The Contractor shall employ full time **responsible supervisor, for each site**, (Qualified Graduate Engineer) to supervise the quality of work at Work Sites. He should be provided with mobile and should immediately respond to call given by the Railway Administration. The name of supervisor/manager along with the mobile number shall be submitted to concern Railway Officials before start of the work. In case of any change in phone nos. the onus shall be on the contractor to ensure that the same is advised to the concerned Railway Officials.
 - (xxx) Adequately **skilled (ITI) and trained staff** shall be deputed by the contractor to carry out the tendered work as per the actual requirement. The contractor shall submit the Bio-Data (Name, Father's name, Address, Age, Passport size photo & Employee no. etc.) of his employees duly attested by the contractor to the concerned Railway Official in workshop / division before taking up the job inside the complex at the beginning of the work as well as in between as and when any of his employee is replaced with new employee.
 - (xxxi) Contractor shall issue **Entry permit** /badges (as per approved format by concerned Railway Official) to all his staff being engaged to carry out the work,including the Supervisor. These

identity badges should be so carried that Railway Security can identify them. The Identity cards should be worn by the contractor staff on left side on the chest every time, during their presence on Railway Premises. If any staff/worker of the contractor is found indulging in undesirable activities, the contract may be terminated.

- (xxxii) The contractor has to fulfil all the labour related statutory regulations as mentioned in **Clause 54, 55, 56, 57 & 60** of Part II of Standard General Condition of Contract April 2022 for engaged labour and shall submit a copy of proof in this regard to Railway.
- (xxxiii) The contractor should deposit requisite **EPF and ESI** to contract labour, as applicable and shall submit a copy of proof in this regard to Railway.
- (xxxiv) The Railway may supply the **electricity on free of cost for carrying out the up-gradation work, if available**. However in case of non-availability of electric supply/connection, the contractor will arrange the same its own.
- (xxxv) **Water and compressed air** shall be provided free of cost for carrying out the up-gradation work, if available. However in case of non-availability of **Water and compressed air** supply/connection, the contractor will arrange the same its own.
- (xxxvi) **Space** shall be provided to the contractor by Railway to store the material, tools and machines for the said contract. Required fabrication shall be done by the contractor for storage of material on the space provided by Railway. Security of the material shall be contractor's responsibility. However in case of any loss/theft Railways shall not be responsible for these items.
- (xxxvii) The contractor shall be liable for the safety of his workmen during the course of contract and shall follow the laid down rules in this regard. It is made clear that no claim/compensation would be entertained for any type of accident /incident involving his staff. Any compensation however as required under law would be payable by the contractor.
- (xxxviii) **Working Hours:** The Contractor should apply and obtain necessary permit for the vehicle, staff and labour for entering/leaving the Railway premises. The working hours shall be between 08:00 hrs. to 18:30 hrs from Monday to Saturday, except Sundays and factory holidays, unless and otherwise permission granted by the concerned Deputy Chief Mechanical Engineer/Senior Divisional Mechanical Engineer (C&W) or his authorized representative.
- (xxxix) The Contractor should be responsible for the Safety & discipline of the men engaged by him inside the workshop area and ensure that the staff employed by him are confined to their places of working and should not go around the workshop. The Contractor should ensure that the staff are employed by him inside the factory should comply with instructions given by the security staff on duty. The Contractor should ensure that no unauthorized person works for him inside the workshop premises if any person found Rs.1000 penalty will be imposed on firm per person/incident.
- (xl) Sound and scientific housekeeping practices must be followed at all times, and under no situation, materials be left here and there at the work premises.
- (xli) Contractor shall be solely responsible for taking care of his/her staff & supervisor against any accident or safety risk. Railway administration shall not be responsible for safety of the staff of the contractor and hence the administration shall not be liable for any compensation arising out of accidents including loss of life, injury etc while executing the work.
- (xlii) For monitoring of Execution of this work, **contractor should supply furniture as per Annexure –X and 02 nos. computer set with Color printer (As per Annexure- Y)** for record keeping/for monitoring the execution of work contract to Railway. These items have to be supplied within 02 months of starting the work, if not supply in specified time penalty of Rs.

2000/- per day will be imposed. All data should be kept in soft form in prescribed format approved by Railway administration.

- (xliii) Competency test by Railway Unit: Railway shall conduct competency test at their premises on the welders/worker engaged for outsource work to verify their skills by taking trail test at least 2 sample pieces .
- (xliv) **Bidder is instructed to comply with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof" and also give undertaking that their offer complies all the above provisions at the time of submission of offer.**
- (xlv) The Contractor's staff & supervisor will report to the nominated railway supervisor at the time of commencement of work every day.
- (xlvii) In case any authorized Railway official including on duty supervisor is not satisfied with the up gradation work. The same work is to be carried out again up to satisfaction & no additional cost to be paid to contractor.
- (xlviii) **Instruction Regarding welders :**

1. **Qualification Standards** (For fusion welding of steel):
Welders must be qualified according to ISO 9606-1:2017 (or latest) OR IS 7310 (Part): 2019 (or latest) for fusion welding of steel as per the approved Welding Procedure Specification (WPS), which includes material type, thickness, joint type, welding position, Welding process, and consumables.
AND
2. **Educational and Training Requirements:**
Matriculation/SSLC plus ITI certification from a recognized institution (NCVT/SCVT) in the Welder trade.
OR
Act Apprentices trained and certified in the Welder trade by any Railway Unit, Government, Semi-Government, or PSU unit are also eligible.
AND
3. Competency Test by Railway Unit: Railways shall conduct competency test at their premises on the welders engaged for outsourced work to verify their skills by taking trial test on at least 2 sample pieces at the cost of the Railways and if the trial is found satisfactory, Competency certificate will be issued by respective officer/SSE. In case competency test trial of the welder is found to be unsatisfactory, cost of the test shall be borne by the contractor.
4. The validity and process of renewal of competency certificate would be as defined in ISO 9606-1: 2017 and IS 7310 (Part 1)-2019 Para 9.

6. MATERIAL PROCUREMENT AND SUPPLY:

1. The contractor shall procure the materials from the RDSO/ICF/RCF/MCF approved sources only, wherever applicable. The contractor shall produce the certificate of procurement of materials from the said suppliers along with materials. Besides the above all other parts /hardware/components should meet the specifications as mentioned against each in the drawing and if the specification is not mentioned in drawing, it should meet the standard IS specifications.
2. All materials used in the work shall be of the best quality and of the class suited for the purpose specified and procured from the sources approved by RDSO/ICF/RCF/MCF, except

those specified for particular make or not in RDSO / ICF / RCF/MCF approved vendor list. Materials supplied by the contractor shall be inspected by RITES/TPI / RDSO as applicable. Cost of inspection will be borne by the contractor.

3. The Contractors shall submit to the railway a list showing the names of the makers/suppliers from whom they propose to obtain the materials and fittings for work under the contract.
4. Inspection certificate must invariably accompany the material, and must be produced for scrutiny by the Engineer before the material is unloaded at nominated site.
5. Contractor has to arrange 3 tier storage racks & wastage bins (1 M*1M) for stacking materials and keeping waste material. (min. 6 each numbers).
6. Regarding Welding Machines: The contractor shall use Energy Efficient machines which shall not be more than 2 years old, at the date of execution of work, if the machine is more than 2 year older at the date of execution of work than it may be certified by the authorized Energy Efficient Agency like BEE or other Government authorized agency or by workshop itself under joint inspection of both contractor and representative of workshop, that it is Energy Efficient, wherever applicable (in case of it being driven by electrical power installed in workshop).
7. Referred material (TDPCP)/(OR alternative such as thermoplastic of Sabic composite or Simorail of Simona composite) must be EN 45545-HL-3 certified by NABL certified Lab. Supplier shall submit test certificates of parameters of spec. mentioned in Table No I,II,III,IV,V,VI & VII of MMDTS-24004 Rev.0 or latest should be followed. The submitted test reports along with offer shall not be more than one (01) years old from the date of tender opening.

7. Documents to be submitted by tenderer

1. For wider participation and cost effectiveness, an alternative to TDPCP panel material composite such as thermoplastic of Sabic composite or Simorail of Simona composite can also be used. Alternate material must comply all of three below mentioned conditions certified by Indian Railways/Public Sector Unit undertakings (PSUs)/Metro/Any other coach production unit in India as per similar nature definition.
 - a. Such alternative material must have a proven track record.
 - b. Alternative material must be complying with FST requirement of EN 45545-HL-3.
 - c. Alternative material must have physical and mechanical properties similar to TDPCP. Firm should submit the proven track record for the same with the offer.
 - d. Referred material (TDPCP)/(OR alternative such as thermoplastic of Sabic composite or Simorail of Simona composite) must be EN 45545-HL-3 certified by NABL certified Lab.
2. **Documents to be submitted along with offer as mentioned in MMDTS-24004 Rev-0** or latest, in absence of any details mentioned in MMDTS 24004 Rev-0 for offered product, the offer would not be considered.

8. INSPECTION OF MATERIALS:

- (i) The inspection of the materials shall be done by RITES/TPI and shall be carried out as under.

Type of Inspection	Items (S. No. of Scope of Work)	
	Toilet Area	Doorways & Gangways Area
Normal Inspection	1,2,3,4,5,8,12,13,14,15	1,2,3,5,6
Inspection on Work Test & Guarantee Certificate of OEM (GC&TC)	6,7,9,10,11	4

Contractor should submit the RITES/TPI inspection certificate along with delivery of material. Railway has the rights to alter the mode of inspection as deemed fit after approval of Competent Authority.

- (ii) Contractor shall ensure the RITES/TPI Inspection of materials and Inspection charges shall be borne by the contractor.
- (iii) The proof of purchase of material along with its manufacturer's test certificate (wherever applicable) of the material proposed to be used shall have to be submitted to concern Railway Officials on supply of material before commencement of the work and also as and when asked by the Railway Administration.
- (iv) Items should be procured from either OEM or authorized dealer/agent of OEM to ensure the genuineness of the material. The material shall either be supplied in original OEM packing or shall be supplied with original delivery challan/invoice copy along with certificate from OEM for material being originally theirs.
- (v) In case of requirement by Railway for testing of any material (wherever applicable) supplied by the contractor, the cost of such testing from NABL accredited laboratory shall be borne by the contractor.
- (vi) Referred material (TDPCP)/(OR alternative such as thermoplastic of Sabic composite or Simorail of Simona composite) must be EN 45545-HL-3 certified by NABL certified Lab.
- (vii) All items mentioned above for RITES/TPI Inspection will be fitted only after RITES/TPI inspection against OEM GC/TC and copy of RITES/TPI inspection certificate should be submitted along with delivery of material. Further, these items should be procured from RDSO/ICF/MCF/RCF approved firm/OEM or authorized dealer/agent of OEM wherever applicable. To ensure the genuineness of the material, the material shall either be supplied in original OEM packing or shall be supplied with original delivery challan/invoice copy along with certificate from OEM for material being originally theirs.
- (viii) **Field Trail & Prototype:-** As product is being developed and no detailed technical literature could be found for TDPCP, as field trail to evaluate performance for minimum of 6 months will be conducted for TDPCP panels in approx.10 coach sets (i.e. Side walls panel, Ceiling panels, and lavatory modules) as per MMDTS24004 Rev.0
- (ix) **Documents to be submitted along with offer as mentioned in MMDTS-24004 Rev-0 or latest.**

9. DELIVERY SCHEDULE:

- (i) Total period for completion of the work is 22 **months** from date of issue of Letter of Acceptance.
- (ii) The contractor shall complete upgradation of one NAC ICF Coach in all respect as a prototype within 15 days from the date of allotment of respective coach for obtaining approval from CWM/CMLR/Jhansi .
- (iii) After approval of prototype coach, all the coaches should be completed in all respect within 22 Months from the date of issue of LOA.
- (iv) **45 days** period from date of issue of Letter of Acceptance shall be provided to commence the work in writing to this effect from the Engineer and shall proceed with the same with due expedition and without delay. If the work is not commenced within specified period, the further any decision may be taken by the Railway and shall be binding on the contractor.
- (v) The Contractor has to complete the entire work Up gradation of Coach Toilets of NAC Coaches within Ten (10) working days from the date of handing over the coach to

Contractor (Sundays and declared holidays shall be excluded from above). If the contractor obtains permission from the competent authority to work on a **Sunday or holiday**, those days will be counted as working days.

- (vi) Contractor should have capacity to work parallel on maximum 20 coaches on all / different sites on mutual decision of Railway and contractor.
- (vii) Contractor shall deploy sufficient numbers of man power for completing 35 to 45 coaches per month at each site. Actual arising may vary as per availability of coaches. Contractor shall complete the work in mutually decided number of coaches.
- (viii) The contractor should strictly adhere to the programme framed by the Engineer or his representatives so as to complete the work within the time allotted to the contractor. The contractor will have to prepare to execute the work within time frame. However, contractor shall also make necessary arrangement to meet increased/decreased demand of coaches on monthly basis depending upon the outturn programme. The Engineer's decision will be final and binding on the contractor.
- (ix) The contractor shall coordinate with the concerned Railway Officials with regards to availability of coaches. The contractor's staff shall carry out the nominated work as per written intimation of the concerned Railway Officials.
- (x) Available no. of coaches will be handed over for work under contract on written intimation. Thus work on these available coaches should be completed within stipulated time. Work need to be done in all the coaches handed over concurrently to the extent feasible.
- (xi) The contractor shall ensure availability of adequate quantities of required / specified material in their store at site/their premises for smooth operation of the contract so that the work should not be hampered for want of material.

10. INSPECTION OF WORK:

- (i) After completion of work in coach, the same shall be offered for inspection. The work carried out by the contractor will be checked by nominated Senior Section Engineer/(s) of respective workshops /divisions. If quality of work is found not as per scope of work and not satisfactory during checking, then contractor has to repair / replacement of such item with free of cost. The decision of the Railway Administration shall be final in this regard.
- (ii) On satisfactory completion of work in a coach, completion certificate for the coach shall be signed jointly by representatives of Railway and Contractor.
- (iii) The contractor shall be maintained accurate records, plans and charts showing the dates and progress of all main operations and the Engineer shall have access to this information at all times.
- (iv) The contractor shall maintain accurate records, plans and charts showing the dates and progress of all main operations and the Engineer shall have access to this information at all times. Records of tests made shall be handed over to the Engineer's representative after carrying out the tests. The following registers will be maintained at site, by the Railway's representative.

- (a) Site Order Register: The contractor shall promptly acknowledge orders given there in by the Engineer or his representative or his superior officers and comply with them. The compliance shall be reported by the Contractor to the Engineer in good time so that it can be checked.
- (b) Labour Register: This register will be maintained to show daily strength of labour in Different categories employed by the contractor.
- (c) Log Book of events: All events are required to be chronologically logged in this book date and shift-wise with allotted work to engaged staff.
- (d) Material Passing & Testing Register: Register will show material brought at site, Passed rejected etc. with quantity, specifications & test results etc

All registers at item (a) to (d) mentioned as above will be maintained by the contractor and signed the representative of the Engineer. Any other registers considered necessary by the Engineer, shall be maintained at site in which the representative of the Engineer and the contractor will have to sign. The registers, proforma charts, etc. will be the property of the Railway. Registers as mentioned above will have to be maintained depending on the scope of the work as prescribed by Engineer at site. A register should be maintained duly recording the Coaches offered for Up-gradation by nominated SSE.

11. **PAYMENT TERMS:**

- i. No advance payment shall be paid to the contractor.
- ii. **Payment of Supply items:**
60% payment at the accepted rate for the quantity inspected, passed and supplied for **number of complete coach set. No payment will be done for individual item or group of items except complete coach set** shall be made on submission of following documents:

- (a) On Receipt Note by Consignee.
- (b) Original Inspection certificate of materials as per contract conditions.

NOTE: Balance **40% payment** against supplied material shall be paid only after completion of work in all respect as per scope of work and on issue of satisfactory work completion certificate in a coach.

- iii. Subject to satisfactory working duly certified by Deputy Chief Mechanical Engineer/CMLR/JHS or his representative, the contractor shall be entitled to receive the value of the work against the work attended/completed after necessary deduction or recovery, which the Railway Administration may be entitled to make under the contract or any other contract. The bill may be raised by the contractor after completion of fitment/commissioning prescribed item on nominated coach duly certified by concerned Gazetted Railway Officer. Payment shall be made only after verification & certification of actual quantity consumed in a coach with penalty (if any) by concerned WM/AWM and fulfilment of contractual obligations by the contractor which are mandatorily requirement.
- iv. The measurement of the work shall be maintained for fitment/commissioning of prescribed item as per the monitoring proforma given at **Annexure-R**. The payment shall be made based on item wise actual consumption in the coaches as recorded in the monitoring proforma. The concerned Railway Official and the Contractor shall sign jointly this monitoring Proforma and Proforma shall be duly verified by concerned Gazetted Railway Officer. The format of the proforma may be modified, if required. The monitoring proforma shall be made available by the contractor at his own cost.
- v. All bills in three copies shall be submitted at CMLR/JHS directly. On the basis of verified joint monitoring proforma by WM/AWM, single MB for consolidated work of different workshops /depots shall be filled at CMLR/JHS.

- Vi. It will not be possible to forward the bills to Finance for payment without above mentioned compliance.
- vii. Bills shall be raised on monthly basis for payment.
- viii. Payment will be made after deduction of all statutory obligations, the penalties and any the dues, if any.
- ix. Payments shall not be made for items of work/quantities/ components not attended or not done by the contractor. The Railway will not make any payments for any such additional work carried out by the contractor without permission of concerned Gazetted Railway Officer.
- x. Payment shall only be made to the contractor for supply, installation and commissioning of items as per Scope of Work. No other payment shall be made to the contractor.
- xi. All payment in respect of the contract during the currency of the contract shall be made through Electronic Clearing System (ECS) /Electronic Fund Transfer (EFT). The successful tenderer(s) on award of contract must submit ECS/EFT Mandate Form complete in all respect. 2% income tax and 2% GST (as applicable) shall be deducted from bill and necessary deduction certificate will be issued by Dy.FA&CAO/CMLR, NORTH CENTRAL RAILWAY.
- xii. The bills for payment shall be submitted with all relevant documents duly pre receipted to the Engineer for certification and onward submission to the paying authority.
- xiii. Payment shall be made by Dy.FA&CAO/CMLR, NORTH CENTRALRAILWAY.
- xiv. Any variation in taxes and duties imposed by State or Central Government will be borne by the Railways.
- xv. GST shall be reimbursed on production of documentary proof of the same being deposited in concerned department for the said work. The tenderer / contractor should quote the GSTN register number and enclose the proof for registration with GST Department. The contractor shall be responsible for depositing GST (as applicable) and all related legal obligations.
- xvi. The Security deposit shall be returned after successful completion of warranty period or else it would be forfeited.
- xvii. Contractor will submit documentary proof of :**
 - a. Last month wages paid through Bank for the engaged contract workers, as per the minimum wages (as per State or Central government, which ever are higher notified by the Labour Commissioner from time to time.
 - b. Proof of deposit of EPF to the staff engaged.
 - c. Proof of deposit of ESIC.
 - d. Sharmik-kalyan Portal declaration.

If above documents are not submitted by the contractor, the bills will not be proceed for payment.

12. PENALTY CLAUSE:

Railway reserves the rights to deduct the penalties for non-compliance of terms & conditions as stipulated in the tender on the part of the contractor as under:

S.No.	Non Conformity	Penalty Imposed
1	Non completion of work in a coach within 10 days.The decision of the concerned railway officer will be final in this regard. However delay due to unforeseen reasons may be exempted by Dy.CME/CMLR, for imposition of penalty.	Rs.5000/- per coach per delayed day
2	If the contractor does not take over the allotted coaches by Railway for the work.	Rs.4000/- per coach per day
3	In case the contractor fails to commence the work at any worksite within 45 days after receipt of Letter of Acceptance. However,late commencement is on account of railway or due to any administrative reason, then no penalty will be imposed. Decision of the railway will be final.	Rs.2000/- per day
4	In case of any adverse remarks on quality of work and method by any inspecting Railway officials.	Rs.5000/- per occasion
5	In case of passenger complaints due to poor quality/performance of work attended by the contractor under subject contract	Rs. 10000/- per occasion
6	For burning the garbage	RS.2000/- per occasion
7	If the scrap materials are not disposed properly to an identified location	RS.1000/- per occasion
8	For any deviation to terms & conditions of the tender	RS.5000/- per occasion
9	Any damage caused to the Railway material/facilities in the coach or working place by contractor staff	The cost of item as assessed by concerned Railway Authority shall be recovered from the bills of the Contractor
10	Any other deviation w.r.t. scope of work, terms &conditions of contract agreement and for faulty workmanship or defective material provided by the contractor	As decided by the concerned Railway Authority up to maximum of Rs.2000/- per occasion
11	Employment of the qualified Graduate Engineer(s) or equivalent .Failing which penalty will be applicable.	Rs.40000/- for each month or thereof for the default period.

12	Misconduct/disobedience by contractor staff with railway representative.	Rs.3000/- per occasion
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- (i) Railways reserve the right to impose penalty/penalties for non-compliance of the work as specified or for any undesirable activities, endangering the image of Railways. In this regard decision of Tender Accepting Authority will be final.
- (ii) If any compensation/penalty is to be paid by the Railway in compliance of the order /judgment passed by the court, consumer forum or any other law-enforcing agency for the default of the contractor or his person/ servant/ employee to the complainant, the said amount shall be liable to be paid by the contractor.
- (iii) Exemption of penalty can be considered by the Competent Authority on special cases such as natural calamity, bad weather or any other valid reason, etc. The decision of the Competent Authority is final and binding on the contractor.
- (iv) No penalty shall be levied if the coaches are not handed over by the Railways to the contractor owing to some operational constraints.

13. **WARRANTY CLAUSE:**

- (i) The contractor shall provide warranty as mentioned in respective specification of items for the material, quality of material and workmanship. In case, warranty is not mentioned in specification of any item, then contractor shall provide warranty for a period of 36 months from the date of completion of work.
- (ii) **Warranty for TDPCP :-**78 months from date of supply or 72 months from date of fitment whichever is earlier.
- (iii) In case any defects are noticed due to faulty workmanship or defective materials / poor quality of material during warranty period, contractor has to rectify the defects at Railway premise at his own cost. No payment shall be done by the Railway for warranty repair / replacement.
- (iv) If the contractor does not complete the rectification (warranty defects) either by repair or replacement of such defective items within 3 days from the date of notifying by the Railway of call or as per next availability of the coach whichever is later, a penalty of Rs. 5000/- per day/ coach shall be imposed on the contractor beyond stipulated period. Railway may at its discretion to rectify the defects after 4 days and recover expenses from the contractor's Security Deposit.
- (v) Item shall be replaced free of cost on repeated failures, if the frequency of failures exceed six times in three month period at any time after installation of that item. If the contractor does not comply for replacement of such defective items within 10 days from the date of notifying by the Railway, the Railway may at its discretion to replace the defective item and recover expenses from the contractor's Security Deposit.

- (vi) The performance of each item provided in toilets / coaches shall be Monitored by concerned Railway maintenance engineer of on regular basis, which shall be recorded and in case of faulty workmanship or defective material on the part of the contractor are found during the warranty period of respective items, the same shall be rectified/replaced by the contractor at his own cost besides a penalty as specified in penalty clause. For the purpose of tracking of such items fitted by the contractor so as to check warranty claim, a system viz. permanent marking with date of fitment on fittings or display/availability of list of item fitted with date should be available.
- (vii) Damage to the coach interiors which was installed by the contractor, due to arson, looting, vandalism, natural calamities, accidents and terrorism shall not fall under warranty.
- (viii) Any penalty imposed against warranty shall be either deposited by the contractor in Railway earning or can be recovered from their security deposit as and when deemed fit by Railway.

14. UNDERTAKING BY THE TENDERER FOR SPECIAL CONDITIONS:

I/we have read and understood the Special Conditions of this tender and agree to abide by them and also agree to work in accordance to these Special Conditions.

15. CONSIGNEE-

Supervision and record of work will be carried out by SSE/Furnishing /CMLR or any representative nominated by Dy.CME/CMLR workshop Jhansi.

16. Completion-

The completion period of the entire work will be **22** months counted from the date of issue of acceptance letter. Extension of completion period of contract will be dealt as per GCC works 2022 or latest.

17. TERMINATION OF CONTRACT: -

Termination of contract will be dealt as per GCC works 2022 or latest.

18. ShramikKalyan Portal:

Contractor is to abide by the provisions of various labour laws in terms of above clause and 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 (LOA) 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 the 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.

19. Bill Passing Authority: Dy. CME/CMLR.

20. Bill Paying Authority: DY.FA&CAO/CMLR.

Annexure -X

Specification of Furniture

Sr. No.	Furniture	Qty	Description
1	Executive Chair	01 No.	Med Back Chair , PU Adjustable Arms, Gas Lift, Chrome Base, Leather iteTapesrty Similar to Geeken Model No. ALPHA-2
2	Visitor Chair	03 Nos.	Visitor Chair , PU Molded Seat &Back , PP Arm, Pipe Stand ,Leather iteTapesrty Similar to Geeken Model No. GB 414
3	Office Table	01 No.	Office table 44 mm thick PLPB Top with side return storage unit along with one side drawer size 2250x2100x750 mm Similar to Geeken Model No. Execlusive 9
4	Computer Table	01 No.	Computer table PLPB top with one side drawer, Size 1200x600x750 mm Similar to Geeken Model No. Desk 2
5	Computer Chair	01 No.	Computer chair . PU Molded Seat &back , PU Arm, PP Seat & back cover , power coated steel base ,Leather ite Tapestry Similar to Geeken Model no. GB 413

Annexure-Y

1. Data Logging System (CPU) for record keeping use:

- Make-HP, DELL, APPLE
- Windows 11 or latest version available
- Intel Core I7 (3rd Generation) Processor
- Ram-8 GB DDR3/DDR4, memory speed-1600 MHz
- 2 GHz Clock speed
- 4 MB Cache (Memory)
- Optical Drive-DVD RW Drive
- Dual 10/100/1000 Mbps LAN Ports
- 6 No. USB Port
- 2 No. Serial Ports
- 1 No. Parallel Ports
- Connectivity- Wireless, USB, HDMI, Head Phone Jack, Microphone Jack, Blue Tooth, Input Devices- Optical Mouse (USB), Key Board (USB)
- Latest Antivirus with one year validity
- Memory –Hard drive- 1TB+8GBSSHD
- Storage interface-SATA
- Reading Speed- 7200

2. Display:-

- 21 Inches Full HD LED Screen (Either of Apple/Dell/HP)

3. Printer:-

- All in one (Print/Scan/Photocopy) Laser Color Printer Cannon or HP Make

4. UPS: -

- Suitable capacity for back up during Power Cut (Minimum 30 Minutes)

PART-II
GENERAL CONDITIONS & INSTRUCTIONS TO TENDERER

SPECIALNOTE TO TENDERER: -

- a. General conditions of contract (GCC) April 2022 with amended / corrected up to correction slip, till inviting date of this tender, can be downloaded (As it is uploaded with this Tender or from railway website) by the bidder. In case any dispute arises in between contractor & consignee, General Condition of Contract April 2022 with its amendments issued time to time, till inviting date of this tender, by the Railway shall apply.
- b. The Tenderer should visit the **Coach Mid-Life Rehabilitation Workshop, Jhansi** and properly assess the work to be done before submitting the offer.
- c. Tenderer should submit online scanned copy of credentials, eligibility criteria, experience certificates, M&P's etc as required.
- d. If any discrepancy in between GCC & Special terms and conditions (with scope of work and other conditions mentioned in tender document) then special terms and conditions shall be followed by over ruling GCC.
- e. All the conditions which are mentioned in GCC April 2022 and not covered in scope of work & special conditions, if applicable, shall be compiled by the bidder. Bidder also may submit the documents regarding such above mentioned conditions.

1. GENERALINSTRUCTIONSTOTENDERER.

- 1.1. Bidder should watch the website for corrigendum/ addendum to the Bid document. Hence it shall be the responsibility of the bidder to check time to time for corrigendum to the bid, if any, periodically before finally submitting the bid.
- 1.2. Railway Administration shall not be responsible for any delay/difficulties/ inaccessibility of e- tendering for any reason whatsoever. No claim on this account shall be entertained.
- 1.3. The rates should be inclusive of materials, equipment, vehicle, traveling, boarding, incidental and transportation, labour charges, taxes and any other expenses required for completing the work satisfactorily. Railway shall not make any separate payment against these heads, nor provide any facility unless otherwise specified against any particular item. Tenderer shall quote all prices only in Indian Currency.
- 1.4. Tender Papers are not transferable.
- 1.5. No advance payment will be made prior to commencement of work. Payment shall be made only as per 'Payment Term' of Contract agreement.
- 1.6. No material, labour etc. will be provided by the Railways in execution of this work except where otherwise specified.
- 1.7. It will be imperative for each tenderer to fully acquaint himself of all the local conditions & factors, which would have any effect on the performance of the Contract & the cost of items of work. No request for change of price, or time schedule of completion of work shall be entertained after the offer is accepted by the railway. Hence to ensure the workability and reasonability of rates quoted, tenderers should visit the plant to see the work & assess the work in person. Firm may quote any other item separately, if found missing in the schedule.
- 1.8. Railway may deduct any taxes being levied by the Government from time to time or in force from time to time.

- 1.9. The tenderer should quote rate in percentage above/at par/below of tender schedule as asked in NIT at IREPS.
- 1.10. Railway reserve the right to increase/decrease the quantity as per the quantity variation clause mentioned in special conditions of contract and total cost will be adjusted accordingly. The tenderer shall take this aspect while quoting the rate for the same.

2. PAYMENT TERMS & CONDITIONS:

2.1 Bid Security: The tenderer shall be required to submit the Bid Security of **Rs. 1,70,89,500/- (Rs. One crore Seventy Lakhs Eighty Nine Thousand five Hundred Only)** with the tender for the due performance with the stipulation to keep the offer open till such date as specified in tender as per clause 5 of part-I of GCC of April 2022. **If Bid security is submitted in the form of bank guarantee, then the original Bank guarantee should be delivered in person to SSE/JE/Tender, Coach Mid-Life Rehabilitation Workshop, Jhansi before closing date for submission of bid.**

2.2 Performance Guarantee-As per clause no.16(4) of part-II of GCC-April2022 or latest. PG is to be prepared by the contractor infavour of **“Dy. FA & CAO/CMLR, NCR, Jhansi”**.

2.3 Security Deposit-As per clause no.16(1),16(2)&16(3) of part-II of GCC April-2022 or latest.

2.4 VERIFICATION OF TENDERER'S CREDENTIALS:

- Bidder has to confirm and certify the conditions mentioned in “eligibility conditions” in NIT on the behalf of tenderer including its constituents at the time of participating in this tender on IREPS portal. **In addition to this certification, in case of other than company/proprietary firm, Annexure-V(A) shall also be submitted by each member of a partnership firm/ Joint venture (JV) / Hindu undivided family (HUF) / Limited Liability partnership (LLP) etc.as the case may be. Non submission of above certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall result in summarily rejection of his/their bid (As per GCC April 2022 & IREPS portal).** 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.
- If any discrepancy in between GCC & Special terms and conditions (with scope of work and other conditions mentioned in this tender document) then special terms and conditions shall be followed by over ruling GCC

2.5 QUANTITY VARIATION: -As per General conditions of contract (GCC) April 2022 with amended / corrected up to correction slip, till inviting date of this tender.

2.6 PRICE VARIATION CLAUSE: Not Applicable

2.4 TAXES: -

The GST shall be as applicable as per extended rules. GST shall be borne by Contractor. Tenderer may consider this aspect, while quoting for the work. The contractor shall submit bill/invoice showing amount of GST in the invoice/bill. If he shall not show the amount towards GST in invoice, his amount shall not be passed.

2.5 INCOMETAX:

The Railway shall deduct @ 2% of Taxable amount of each bill as Income-tax and surcharge thereon. As prescribed by Govt. from time to time and such deduction of I.T. shall be recovered while making payment to the contractor.

3. FORCE MAJEURE CLAUSE—As per clause no. 17 of part-II of GCC April 2022 or latest.**4. VALIDITY OF OFFER:**

- a. The offer shall be kept valid for acceptance for a minimum period of 90 calendar days from the date of tender opening irrespective of the market fluctuations.
- b. The submissions of any offer connected with these specifications and documents shall constitute an agreement that the tenderer shall have no cause of action or claim, against the Railway for rejection of his offer. The Railways shall always be at liberty to reject or accept any offer at his sole discretions, any such action will not be called in to question, and the tenderer shall have no claim in that regard.

5. ACCEPTANCE OF TENDER:

- a. Railway may accept a tender in part or whole of quantity offered, reject any tender without assigning any reason and may not accept the lowest or any tender.
- b. Railway reserves the right to give the part order by dropping certain items as per requirement of Railway at later stage. However if certain items are dropped after acceptance of tender the payment shall not be made for dropped items.
- c. In one year, 300 days will be considered.

6. RESPONSIBILITIES OF THE CONTRACTOR FOR EXECUTING CONTRACT

The contractor and their staff & supervisor engaged shall at all times, during the execution of the contract obey, carryout & execute all such orders & directives, related with the contract, of the Executive Dy. CME/CMLR and/or his authorized representative.

- a. It shall be the responsibility of the contractor to see that all safety norms & other industrial rules are followed strictly.
- b. **Contractor has to pay bank/cheque payment to his all employees.**
- c. Contractor has to obtain & submit labour license for this particular work, if applicable.
- d. Contractor has to submit periodic return to labour office & copy to tender cell, if applicable.
- e. Contractor has to display all details of work, labour employed, hours of work, date
- f. of payment etc. at work place.
- g. Contractor's labour must have identity card all the time during working hours as per annexure-D.
- h. Contractor has to submit detailed report in tender cell that he/she has communicated the conditions of employment to contract labours viz. notices of wages, hours of work, wage period, date of payment of wages etc.
- i. The contractor shall be required to attend the office of CWM/ Coach MLR Workshop, Jhansi as and when required by the Executive Dy.CME/CMLR, or his authorized representative.
- j. The tenderer shall note that the schedule of work describes the basis of requirement to which the contractor shall work but fact remains that every minor details cannot be fully specified and omission are likely to occur in the schedule. This however shall not be an excuse for non-completion of the work in every respect and in accordance with the prevailing healthy practice.
- k. Railway will not be responsible for any accident (fatal or non-fatal) or injury to any

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personnel of the firm or any financial implications, arising there upon. It will be the sole responsibility of contractor to guard and protect his equipments & manpower during contract period. The contractor has to compensate any loss or damage caused in premises to Railway Property by his representative while rendering his duties at Coach MLR.

- I. The custody and safety of material before fitment is the responsibility of the contractor.

7. TWO PACKET SYSTEM: -

Tenderer should follow the instructions and upload their authentic document on IREPS regarding Two Packet system.

The Bid so submitted shall comprise following: -

- A. **Technical Bid** – Technical bid shall consist of
 - Bid Security
 - Proof of Eligibility criteria (Technical & Financial).
 - The clause-by-clause acceptance and deviation schedule as per tender document.
 - All documents/annexure/statements except financial bid.
- B. **Financial Bid**- The financial bid shall consist of schedule of rates.

8. EVALUATION OF TENDER

- a. The tenders received will be evaluated by the Railway to ascertain the technically suitable & overall lowest acceptable bid in the interest of Railway, as specified in the specification and tender documents. The credentials and technical details about work, as submitted by the tenderer will play a major role in finalization of the contract.
- b. The rates offered by tenderer shall be inclusive of all expenditure & charges. Any Concessional duty, taxes, or rebates should be indicated clearly. In case the taxes, duties & offer charges are as applicable or as EXTRA then the maximum prevailing charges shall be levied on the basic cost of tendered work for commercial evaluation of the tender.
- c. The rates offered by the tenderer shall be inclusive of minimum wages, EPF, ESI, & all compliances relating to prevailing labours laws.

9. COMPLIANCE OF LABOUR AND OTHER LAWS: -

- a) The Employees of contractor shall not be entitled for any facility as being provided to Railway staff. It is sole responsibility of Contractor to observe and abide by the factory act, provisions of labour act, workmen compensation act, Provident fund act, Minimum wages act 1948, Payment of wages Act and other regulations framed by the govt. of India and revised from time to time. Railway will not be responsible for any violation of the act or regulations by the contractor.
- b) Contractor should adhere to all the provisions of Contract Labour (Regulation and Abolition) Act 1970 & rules 1971 such as payment of Minimum wages, Variable dearness allowances, etc. EPF & ESI dues from the wages of contract labours are to be deducted and remitted to the appropriate authorities by contractor as applicable.

- c) The contractor shall not employ any labourer below the age of 18 years, The contractor should indemnify the Railway administration from and against all claims and penalties which may be suffered by Railway administration by reason of any default on the part of contractor in the due observance and performance of the provisions of THE CHILD LABOUR (PROHIBITION AND REGULATION) ACT, 1986 or any other re-enactments or modifications of the same in force.

10. SAFETY MEASURES:

- a. Safety of contractual staff shall be sole responsibilities of contractor. Contractor shall regularly train & counsel their staff regarding workplace safety including prevention of accidents, injuries or near misses. Railway in no way will be held responsible for any injury/death to contractor supervisor/staff. Railway is not liable to pay any compensation to contractors' staff/supervisor on this account.
- b. The contractor shall take all precautionary measure in order to ensure the protection of his own personnel moving or working in the Railway premises, but shall then conform to the rules & regulations of the Railway. The contractor shall be responsible for safe custody of all equipment till provisional acceptance.
- c. The tenderer(s) is / are advised to contact Dy. CME/CMLR or any representative as nominated by them to inspect the site and to ascertain the quantum of work, site conditions and facilities available to carry out work.

11. JOINT VENTURE (JV) FIRMS – This clause is as per GCC works April 2022 or latest

12. BID CAPACITY CLAUSE – This clause is as per GCC works April 2022 or latest.

13. SPECIAL CONDITIONS FOR "LETTER OF CREDIT" AS MODE OF PAYMENT IN WORK TENDERS OR SERVICE TENDERS:

**(APPLICABLE FOR TENDERS COSTING Rs.10 LAKH OR ABOVE)
(As per Railway Board Letter No.2018/CE-I/CT/9dtd.04.06.2018)**

- (i) For all the 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.
- (ii) 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.
- (iii) The option so exercised, shall be an integral part of the bidder's offer.
- (iv) 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.
- (v) In case tenderer opts for payment through LC, following shall be the procedure to deal release of payment through LC:
 - (a) For all the 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) The contractor shall select his Advising/Negotiating bank for LC. The incidental cost

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- toward issue of LC and its operation thereof shall be borne by the contractor.
- (c) SBI, New Delhi, Main Branch will be the nodal branch for issue of LCs based on onlinerequests received from Railway Accounts Units for tenders opened in financial year2018-19. 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.
 - (d) 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
 - (e) 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.
 - (f) The LC terms and conditions shall inter-alia provide that Railways will issue a Document of Authorisation (format enclosed as **Annexure-K**) after passing the bill for completed work, to enable contractor to claim the authorized amount from their bank.
 - (g) The acceptable, agreed upon document for payments to be released under the LC shall be the Document of Authorisation.
 - (h) The Document of Authorisation shall be issued by Railway Accounts Office against each bill passed by Railways.
 - (i) On issuance of Document of Authorisation, a copy of Document of Authorisation shall be posted on IREPS for download by the contractor. A digitally signed copy of Document of Authorisation shall also be sent by Railway Accounts Office to Railway's bank (Local SBI Branch).
 - (j) The contractor shall take printout of the Document of Authorisation available on IREPS and present his claim to his bank (advising Bank) for necessary payments as per LC terms and conditions. The claim shall comprise of copy of Document of Authorisation, bill of exchangeand Bill.
 - (k) The payment against LC shall be subject to verification from Railway's Bank (Local SBI Branch).
 - (l) The contractor's bank (advising bank) shall submit the documents to the Railway's Bank (Local SBI Branch).
 - (m) The railway's bank (issuing bank) shall, after verifying the claims or received w.r.t. the digitally signed Document of Authorisation received from Railway Accounts Office, release the payment to contractor's bank (advising bank) for crediting the same to contractor's account.
 - (n) 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.
 - (o) The LC shall be closed after the release of final payment including PVC amount, if any, to the contractor.

- (p) The release of performance guarantee or security deposit shall be dealt directly by railway with the contractor i.e. not through LC.

14. UPLOAD SCAN COPY OF DOCUMENTS:

The following scanned documents shall be uploaded on the IREPS website at the time of submission of online offer with tender:-

1. Document regarding eligibility criteria
2. Current and valid PAN.
3. Partnership Deed, if applicable.
4. Power of Attorney if applicable.
5. EPF registration, if applicable
6. ESI registration, if applicable
7. GST registration.
8. Firm's contact and Bank Details in the format given below in Annexure- "C".
9. Check list as mentioned on page no. 3 of Tender document.
10. Declaration form "A" as given on page no. 5 in tender document.
11. List of personnel available on hand and proposed to be engaged for the subject work. These two lists should be given separately and signed by tenderer. To be submitted in the Proforma given in the Annexure- 'G'.
12. List of plants and machineries available on hand (own) and proposed to be inducted (own and hired to be given separately) for the subject work. This list shall be signed by tenderer. To be submitted in the Proforma given in the Annexure- 'H'.
13. List of works on hand indicating name of work, contract value, Bill amount paid so far, due date of completion etc. To be furnished by the tenderer in Annexure- 'I' and this certificate to be signed by tenderer.
14. Format for certificate to be uploaded by tenderer along with the tender documents as given in Annexure-V(A). **If applicable, then Non submission of such certificate(s) by the bidder shall result in summarily rejection of his/their bid.**
15. Format for Financial data in Annexure - M
16. Any other document, the tenderers may like to submit in support of his credentials/scheme.
17. Format for similar nature work in Annexure - N.
18. Declaration regarding Employment/Partnership etc. of Retired Railway Employees as per Annexure-O
19. Self-Certification under preference to Make in India as per Annexure-P
20. If any deviation is quoted then upload deviation statement as per Annexure-Q.
21. Format for MOU and agreement in Annexure – S & T for Joint venture firm.
22. Format for joint Note as per Annexure-R
23. Format for Labour & Contract law Compliance Charter as given Annexure-A2
24. CA Certificate under preference to Make In India
25. Tenderer's Credentials (Bid Capacity)

Annexure-A

SCHEDULE OF RATES & QUANTITIES**Name of work:** Upgradation of toilets in ICF coaches.

Sr. no	Area	Description of work	Unit	Quantity	Unit Cost (In Rs.)	Total Cost (In Rs.) (Including 18%GST)
1.	Walls	Paneling of Coach toilet	Nos.	2800	75719.42	212014376.00
2.	Ceiling	Existing Ceiling of Toilet Inside to be replaced with 6MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) of make kommerling/ Aluplast / Alstone meeting HL 3 compliance in thickness of minimum 6 mm.	Nos.	2800	16049.36	44938208.00
3.	Toilet Door	Existing Toilet Door to be replaced with 3 MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) make kommerling/ Aluplast / Alstone complying to EN 45545 HL 3	Nos.	2800	17975.77	50332156.00
4.	Inside Wash BASIN	Inside Wash Basin Bowl along with Countertop & Below Panel to be made of Aluminum Polymer Composite Material with SS Dustbin inside	Nos.	2800	22752.29	63706412.00
5.	Mirror	Large size flushed mirror of 5mm thickness with frame of Aluminum Polymer Composite Material inside Toilet.	Nos.	2800	10634.75	29777300.00
6.	Tap along with health	Health faucet to be provided in each toilet with two-way Bib Tap.	Nos.	2800	3562.34	9974552.00

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	faucet					
7.	Toilet Paper Holder	Stainless Steel or ABS Plastic Paper Roll Holder for Western Style Toilet.	Nos.	1400	5712.38	7997332.00
8.	Bacteria Neutralizer Dispenser	Bacteria neutralizer dispenser with inbuilt air circulation system along with bio-enzyme bacterial refills in built with fragrance.	Nos.	2800	9139.81	25591468.00
9.	Western Commode Lid Cover	Heavy Duty Commode Lid with Auto Retractor seat cover	Nos.	1400	2005.41	2807574.00
10.	Soap Dispenser	Modular type manual wall mounted liquid soap dispenser with inbuilt lock & key feature	Nos.	2800	2370.03	6636084.00
11.	Water taps for outside and inside of toilet at Wash Basin	Quarter turn Bib Cock	Nos.	2800	2831.88	7929264.00
12.	Western commode Toilet bowl & seat cover for Western Commode	Exiting Western Commode shall be replaced with SS toilet bowl and additional shroud shall be used for better hygiene	Nos.	1400	11789.38	16505132.00
13.	PU coated Grab Bar	Disabled friendly Grab bar to be used inside toilet door in approx. 18-inch sizes x 25mm	Nos.	2800	2272.79	6363812.00
14.	Toilet Inlay	FRP or Decorative Polymerized Composite Panel (TDPCP) Floor Inlay for Indian Pan & western Inlay	Nos.	2800	33338.42	93347576.00
15.	Indian Pan	Existing pan to be replaced with new pan with functionality of LHB	Nos.	1400	7936.56	11111184.00

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		type pan				
16.	Walls & Ceiling	Side Wall & Ceiling Panel in Non-AC doorway & Gangway Area	Nos.	1400	114004.52	159606328.00
17.	Outside Washbasin & Dustbin	Inside Wash Basin Bowl along with Countertop & Below Panel to be made of Aluminum Polymer Composite Material with SS Dustbin inside	Nos.	1400	21852.89	30594046.00
18.	Mirrors	Large size flushed mirror of 5mm thickness with frame of Aluminium Polymer Composite Material outside Toilet	Nos.	1400	10270.13	14378182.00
19.	Water tap for Basin	Quarter turn Bib Cock	Nos.	1400	3123.58	4372998.00
20.	Braille Signage		Nos.	2800	6137.77	17185756.00
21.	Doorway & Gangway Flooring	Doorway & Gangway flooring to be replaced with Decorative Polymerized Composite Panel (TDPCP)	Nos.	1400	28075.74	39306036.00
Total Cost in Rs including GST@ 18%=						85,44,75,776.00

NOTE: 1) GST@18% is taken only for estimation purpose and actual GST will be paid on showing evidence during the bill submission. However, tenderer has to submit is/her bid including 18% GST.

2) If any tenderer offers the price with deviation of GST (GST other than 18%), Then the rate of, his/her bid, first will be converted to base rate and then the rate added with 18% GST and then offer will be evaluated.

For Example: -Bid value=Rs.105/-(with 5% GST), Then the basic rate of bid = $105/1.05 = \text{Rs.}100/-$, Now bid value with 18% GST = $100 \times 1.18 = \text{Rs.}118/-$

So, value of Rs.118/- will be taken for evaluating/deciding the inter-se rank of the offer.

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Annexure-C

(This form should be filled and signed by bank official in which contractor has their current account and scanned copy should be uploaded with other required documents)

Firm's Contact & Bank Details

(The following details are required for NEFT Payment)

1. Contractor's/Firm's Name :
2. Contractor's/Firm's Address :
3. Bank Account Number :
4. Type of Account (Saving/Current) :
5. Name of Bank :
6. Full Address of Branch :
7. Branch Code No :
8. IFSC Code/RTGSCode :
9. PAN Card No :
10. Address for Correspondence :
11. IREPS-ID:

Contractor Seal and Sign

Name:

Mobile No.:i)

ii)

Supervisor mobile no. :

E-mail Id:

i)

ii)

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For & On behalf of President of India

ANNEXURE-D**IDENTITYCARD**

(This Identity Card is valid only in premises of Coach Mid-Life Rehabilitation Workshop, Jhansi)

Identity Card No.:_____Date of Issue:_____

Contract Agreement No.:_____

Name of the Contractor:_____

And address._____

Space for
Photo

Particulars of Employee

- i) Name of the Employee:
- ii) Date of birth/Age:
- iii) Personal Identification marks:
- iii) Permanent Address:
- iv) Aadhar-card/PAN-card/Driving-License or any other I-Card No.
- v) Valid upto:

(SIGNATURE OF CONTRACTOR)
(SIGNATURE/THUMB IMPRESSION)

The person who signed the original of EmployeeTender document or authorized by him(with Stamp)

Signature of Rly representative
(with Stamp)

CONTRACTOR

For & On behalf of President of India

Annexure—F

(Guarantee-Bond Offered by Banks to Railways in connection with the execution of contract)

GUARANTEE BOND FORMAT
(To be used by approved Schedule Banks)

1. In consideration of the President of India (hereinafter called "the Government") having agreed to exempt _____ (hereinafter called "the said Contractor(s)") from the demand, under the terms and conditions of an Agreement dated _____ made between _____ and _____ for (hereinafter called "the said Agreement") of security deposit for the due fulfilments by the said Contractor(s) of the terms and conditions contained in the said Agreement, on production of Bank Guarantee for Rs. _____ (Rupees _____ only). We, _____ (hereinafter referred to as "the Bank") at the request of contractor(s) (Indicate the name of the bank) Do hereby undertake to pay to the Government an amount not exceeding Rs. _____. Against any loss or damage caused to or suffered or would be caused to or suffered by the Government by reason of any breach by the said Contractor(s) of any of the terms or conditions contained in the said Agreement.
2. We _____ do hereby undertake to pay the amounts due and payable (Indicate the name of the bank) under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is due by way of loss or damages caused to or would be caused to or suffered by the Government by reason of any breach by the said contractor(s) of any of the terms or conditions contained in the said Agreement or by reason of the contractor(s) failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____.
3. We undertake to pay to the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s)/supplier(s) in any suit or proceeding pending before any court of Tribunal relating thereto our liability under this present being absolute and unequivocal.

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

4. We _____ further agree that the guarantee herein contained shall remain in full force and effect during (Indicate the name of bank) 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 or till _____ Office/Department). Ministry of _____ certified that the terms and conditions of the said Agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges the guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before the _____, we shall be discharged from all liability under this guarantee thereafter.
5. We _____ further agree with the Government that the Government (Indicate the name of bank) shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said Contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our

CONTRACTOR

For & On behalf of President of India

liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act or omission on the part of the Government or any indulgence by the Government to the said Contractor(s) or any such matter or thing whatsoever which under the law relating to sureties would , but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s)/Supplier(s).
7. We, _____lastly undertake not to revoke this guarantee during its
(Indicate the name of bank) currency except with the previous consent of the Government in writing.

Dated the _____ day of _____ 20

For _____
(Indicate the name of bank)

(Note – Vide UP State Letter No /340 सहायकमहानिरीक्षकनिबंधन (आग –स्टाम्प-2015-16) दिनांक07.07.2015 this Bank Guarantee Bond should be printed on Non judicial stamp with @ 0.5% Stamp duty charges or maximum Rs. 10,000/- which one is lower of contract value.)

Annexure-"G"

PROFORMA**LIST OF PERSONNEL****1. LIST OF PERSONNEL AVAILABLE ON HAND**

Sl. No.	Name & Designation of the Employee	Qualification	Previous Experience	Working	
				From	To
01	02	03	04	05	06

2. LIST OF PERSONNEL PROPOSED TO BE ENGAGED FOR THIS WORK FROM ABOVE

Sl. No.	Name & Designation of The Employee	Qualification	Previous Experience	Remarks
01	02	03	04	05

3. LIST OF PERSONNEL PROPOSED TO BE ENGAGED FOR THIS WORK FROM OUTSIDE

(A SUITABLE WORDED CONSENT LETTER FROM SUCH A PERSON SHOULD BE OBTAINED AND ENCLOSED)

Sl. No.	Name & Designation of The Employee	Qualification	Previous Experience	Remarks
01	02	03	04	05

SIGNATURE OF THE TENDERER(S)
NAME OF THE TENDERER(S)

CONTRACTOR

For & On behalf of President of India

Annexure– “H”

PROFORMA**LIST OF PLANTS & MACHINERIES****1. PLANTS & MACHINERIES AVAILABLE ON HAND**

Sl.No	Particulars of machinery, plant & equipment	No. of units	Make	Capacity	Age & condition	Approx. costing Rs.
01	02	03	04	05	06	07

2. PLANTS & MACHINERIES PROPOSED TO BE INDUCTED FROM ABOVE

Sl. No	Particulars of Machinery ,plant & equipment	No. of units	Make	Capacity	Age & condition	Approx. costing Rs.
01	02	03	04	05	06	07

3. PLANTS & MACHINERIES PROPOSED TO BE INDUCTED FROM OUTSIDE

Sl.No	Particulars of machinery, plant & equipment	No of units	Make	Capacity	Age & condition	Approx. costing Rs.
01	02	03	04	05	06	07

SIGNATURE OF THE TENDERER(S)
NAME OF THE TENDERER(S)

CONTRACTOR

For & On behalf of President of India

Annexure-I

LIST OF WORKS ON HAND WITH THE TENDERER

Sl. No	Name of the work	Agreement No. and date	Designation and address of agreement signing authority	Agreement value in Rs.	Bill amount paid so far in Rs.	Due date of completion	Number of extensions taken

SIGNATURE OF THE TENDERER:
NAME OF THE TENDERER:

Annexure-J**Request letter from Executive branch to Accounts office for opening of LC**

Office of
 Railway.....

No.:.....

Date:

The PFA/Sr.DFM/DY.FAHQ
 Divisional/Workshop/Cost

Sub: Opening of LC.
 Ref: Supply order/Contract Agreement No.....

It is requested to open a sigh LC against the above referred Order/Agreement in favour of The details of beneficiary are as under –

- (i) Name of Contractor/Supplier :
- (ii) Vendor Code :
- (ii) Address :
- (iv) Tender No. :
- (v) Contract Agreement No. :
- (vi) Description of Goods/Service :
- (vii) Value of Contract :
- (viii) Stage of payment :
- (ix) Expected payment within 6 months (LC amount) :
- (x) Beneficiary bank details
 - (a) Bank Name :
 - (b) Address :
 - (c) Account No. :
 - (d) IFSC Code :

It is certified that the supplier/contractor has exercised the option of taking payment due against the tender, through LC arrangement in IREPS portal at the time of bidding itself and the option has been flagged in the IREPS. This has the approval of

- (xi) Validity / period for which LC is to be opened.

Signature:.....
 Name:.....
 Designation:.....
 (Official Seal)

CONTRACTOR

For & On behalf of President of India

Annexure-K**LCDA No. (18 DIGIT IPAS GENERATED NO.)**

Date:

DOCUMENT OF AUTHORIZATION for LC

Ref: (i) Works Contract/Supply Contract No.
 (ii) Inland letter of Credit No. date

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 & Vendor Code)
 (Vendor Code..... as per IREPS) is entitled to receive payment aggregating.
 INR\$..... (From Abstract of bill passed) out of a total LC 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 Mater Table on the strength
 of this certificate.

The details of payments already made to the beneficiary under this letter of credit are as follows:

S. No.	Invoice No.	Invoice date	Invoice Amount (INR)	LCDA No.	LCDA date	Amount Paid (INR)
Total Paid						

This Payment :

LC Balance after this payment :

(Signature of Authorized Railway Authority)

Name :

Designation :

Official :

CONTRACTOR**For & On behalf of President of India**

ANNEXURE-L**POLICE VERIFICATION****Particulars of Employee: -**

1. Full Name with Aliases:
2. Parent's Names:
3. Nationality:
4. Present Address in full with police station & District:
5. Period of Residence:
6. Home/Permanent Address in full with police station & District:
7. Addresses with police stations & Districts where the applicant Has resided continuously for more than 06 months in the past 05years:
8. Aadhar Number*:
9. The applicant has been involved in a criminal case as accused (Yes/No), If yes, then details:
10. The applicant has been arrested in connection with a criminal Case(Yes/No),If yes, then details:
11. The applicant has been convicted for a criminal offence (Yes/No), If yes, then details:

Photo of
applicant
signed by
contractor

*Optional

Declaration (By Applicant): I certify the above information is correct and complete to the best of my knowledge and belief.

Counter signed by:	Signature of Applicant
	Date Place
Contracting Railway Supervisor	
Date Place	

Police Certificate:

The details as stated above are correct and the above person does not have any criminal case registered or pending against him in any court of law as per official records available.

Counter Signature of Authorized
Signatory with Stamp

CONTRACTOR

For & On behalf of President of India

Annexure-M

(Reference -Para 10.2 & 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 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.
- 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)

CONTRACTOR**For & On behalf of President of India**

ANNEXURE – M-1

TENDERER'S CREDENTIALS (BID CAPACITY)

For tenders having advertised value more than Rs 20 crore wherein eligibility criteria include 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:

$$\text{Available Bid Capacity} = [A \times N \times 2] - 0.33 \times N \times B$$

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 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.

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.

The submitted details for (i) and (ii) above should be duly verified by Chartered Accountant

(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.

Annexure-N

FORMAT FOR SIMILAR NATURE WORK (FOR TECHNICAL ELIGIBILITY)

S.No.	Name of work (as per LOA/ Work order)	LOA/ Work order No.	Full Name and address with current contact No. of LOA/ Work order issuing authority	LOA/ Work order Value (in Rs.)	Total Value of contract (if other than LOA/ Work order) (due to quantity variation/ PVC/Short Closed)	Date of start of work	Work status (in progress/ completed/ substantially/ completed)	Date of completion of work (if completed)	Bill paid in Rs. (till last day of month previous to the one in which this tender is invited)

Note: -Bidder has to mandatorily uploads scanned copy of all LOAs/ Work orders & completion certificates (duly signed by competent authority) for all the works mentioned above for evaluating technical eligibility.

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For & On behalf of President of India

Annexure-O

Declaration regarding Employment/ Partnership etc. of Retired Railway Employees (As per Clause 16 of Annexure-I, Tender Form (Second Sheet) of Part-I of GCC (Works)- 2022 with all correction slips till inviting date of the Tender:

S. No	Information Sought	Whether "Yes" or " No"
1	<p>Is Tenderer: 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,</p> <p>OR</p> <p>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</p> <p>OR</p> <p>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.</p> <p>AND</p> <p>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 furnish information as per Table-B below.</p>	

Note: If the answer is 'Yes' above, comply the condition as per General Conditions of Contract (Works) 2022 with all correction slips till inviting date of the tender as per Table- 'B' below.

TABLE-B

S. No	Name	Type of Association With the tenderer	Date of Retirement From the service	Post held At the time of retirement	Particulars of permission Taken for Association With the tenderer	Any other information linked in Clause 16 of Annexure-I, Tender Form (Second Sheet) Of Part-I of GCC (Works)-2022

Place:

Date:

Signature of Tenderer(S)

Name of the Tenderer(S)

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For & On behalf of President of India

Annexure-P

Self-Certification under preference to Make in India order Certificate

In line with Government **Public Procurement Order No. P-45021/2/2017-PP (BE-II) Part(4)Vol. II dated 19.07.2024** and its amendments, wehereby certify that we M/s_____ are local supplier meeting the requirement of minimum local content i.e., _____%as defined in above orders for Tender No _____ closingdate_____.

Details of location at which local value addition will be made as follows:

We also understand, false declarations will be in breach of the code of integrity under rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

ThankingYou

Signature with date:

Name:

Designation:

Official Seal

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For & On behalf of President of India

Annexure-V(A)

Reference –Para 6.1 of ITT

(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 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:

Dated:

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ANNEXURE-Q

DEVIATION SCHEDULE

(Bidder may add more sheets if space is not adequate)

Part No. & Clause No.	Deviation	Proposed clause

In case, Performa of deviations is not submitted or submitted as blank, it will be construed that the tenderer(s) has not proposed any deviations from tender documents.

Signature of the Bidder(s)
Bidder(s) seal

Annexure-R**Format for joint Note**

Sr No .	Coach No. with Type	Date of Allotment	Date of completion	Total time taken	No. of days delay on contractor account	No. of delays on Rly Account	Remarks by Rly supervisor	Cumulative average cycle time	Remarks of Rly consignee	Sig. of Firm supervisor	Sig. of Rly Supervisor	Any other remarks by Rly supervisor

Note: The above format has to be prepared in Excel/google drive on daily basis by the contractor

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For & On behalf of President of India

Annexure - S

MEMORANDUM OF UNDERSTANDING (MOU)

NON JUDICIAL STAMP - Rs.500/-

ENTERED INTO AT..... (place)THIS.....DAYOF..... (Month) 20...Between

01. (Name of firm) having its registered office at... (Full address (there in after referred to as (sayx, short form of firm) acting as the Lead Partner of the first part. And
02. (Name of firm) having its registered office at..... (Full address) (Herein after referred to as..... (Say Y, short form of firm) in the capacity of first Joint Partner of the other part.And
03. (Name of firm) having its registered office at (Full address) (Hereinafter referred to as (say Z, short form of firm) in the capacity of 2nd Joint Partner of the other part.

The expressions of X,Y,& Z shall wherever the context admits, mean and include their respective legal representatives, successors-in-interest and assigns and shall collectively be referred to as the parties and individually as "the Party" WHEREAS the parties here to have agreed to enter in to a Joint Venture for the purpose of participation in tender in respect of the project work of " (Complete name of work to furnish) " hereinafter to as the Work" mentioned in tender Notice No.....and Tender no..... Invited by [DY. Chief Mechanical Engineer/CMLR/Workshop/Jhansi](#) /CWM (CMLR), North Central Railway, Jhansi (thereinafter referred to as "Employer")

Whereas in the event the Joint Venture being successful in its bid, the parties have agreed to perform the contract in accordance with the agreed terms & conditions and thereof and in the spirit of mutual co operation to achieve the objective of this Joint Venture, to the full satisfaction of the Employer Now, therefore, for and in considerations and covenant shere in after set forth, the parties hereby agree as follows:

01. The following documents shall be deemed to form and be read and construed as an integral part of this joint Venture.
 - i) Tender Notice
 - ii) Tender Document
 - iii) Any Amendment/Corrigendum issued "the Employer"
 - iv) The tender submitted on our behalf Jointly by the JV.
02. The "parties " have studied the documents and have agreed to participate in submitting a tender jointly under the name " X-Y-Z (JV)" (Name of JV furnish).
03. X..... (Name of the lead partner) shall be the lead member of the JV for all intents and purpose and shall represent the Joint Venture in its dealing with the Employer. For this purpose of submission of bid proposals, the parties agree to nominate Shri.....(name with designation) of... name of the parties to which he belongs) as the leader duly authorized to sign and submit all documents and subsequent clarifications, if any, to the Employer. However, Shri.....(name with designation) shall not submit any such proposals, clarifications or commitments before securing the written clearance of the other partners. Which shall be expeditiously given by X,Y, to X (to be decided internally by the JV member).
04. The parties have resolved that the share of interest/participation, in the said Joint Venture/Consortium shall be as under:
 - a Lead Partner : at least 51%
 - b Joint Venture Prtner-I : Not less than 20%
 - c Joint Venture Partner-II : Not less than 20%

05. JOINT AND SEVERAL RESPONSIBILITTY

The parties under take that they shall be jointly and severally legally liable to the Employer in the discharge of all the obligations and liabilities as per the contract with the Employer/Railways and for execution of project in accordance with General and special Condition of the Contract if work

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is awarded to their JV. The parties shall be jointly and severally liable & responsible for fulfilling the obligations of the tender/tender document. The parties shall also be liable jointly and severally for the loss, damages caused to the Railways during the course of execution of the contract or due to non-execution of the contract of part thereof.

6. ASSIGNMENT AND THIRDPARTIES

The parties shall Co-operate throughout the entire period of this JV on the basis of exclusivity and neither of the parties shall make arrangements or enter to agreement either directly or indirectly with any other party or group of parties on matters relating for the present “work”.

7. EXECUTIVEAUTHORITY

The said Joint Venture through its authorized representative shall receive instructions, payment from the Employer. The management structure for the project shall be prepared by mutual consultation to enable completion of project to quality requirements within the permitted cost & time.

8. GUARANTEE AND BONDS

The Bank Guarantee, Earnest Money deposit etc. and other Bond shall be furnished jointly by all the parties in the name of joint venture and that shall be legally binding on all the partners of the Joint Venture.

9. BID SUBMISSION

Each party shall bear its own cost and expenditure for participation and submission of the bid and all cost until conclusion of a contract with the Employer for the project Common expenditure shall be shared by all the parties of JV ratio of their actual participation.

10. INDEMNITY

Each party hereto agree to indemnify the other party against its respective parts in case of breach/default of respective party of the contract works of any liabilities sustained by the Joint Venture.

11. For the execution of respective portion of works , the parties shall make their own arrangements as per mutual agreement /understanding between them from time to time to bring the required finance , plants and equipment , materials, manpower and other resources.

12. Validity

This MOU shall remain in force till occurrence of the earliest to occur of the following, unless by mutual consent, the parties agree in writing to extend the validity for a further period.

- a. The bid submitted by the Joint venture is declared unsuccessful, or
- b. Cancellation /Shelving of the project by the Employer for any reasons prior to award of work.
- c. Execution of detailed JV agreement by the parties, setting out detailed terms after award of work by the Employer.

13. The parties undertake not to make any modification /alteration /termination of the MOU of the Joint Venture during the validity of the tender.

14. The parties undertake not to make any changes in this Joint Venture or terminate this Joint venture, after submission of the tender bid except when modification becomes inevitable due to succession of law etc., without prior written consent of the employer .The parties further undertake that in any case Lead member shall continue to be the Lead member of the JV.

15. All members of JV certify that they have not been black listed or debarred by Railway or any other Ministry/Department of the Govt. of India/State Govt. from participation in

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tenders/contract in the past either in their individual capacity or the JV firm or partnership firm in which they were members/partners.

16. This JV shall be construed under the laws of India.
17. Credentials & Qualifying Criteria should be as under.
 - a. Technical eligibility criteria.
 - b. Financial eligibility criteria

Now the parties have joined hand to form the JV(MOU) on this.....day of.....(month)...Two thousand with reference to and in confirmation of their discussions and understanding brought on record on..... (day)(month)2020.

Lead Member
(X)

Member-I
(Y)

Member –II
(Z)

(Name of the signatory with designation and name of firm should be furnished)

In witness whereof the parties, have executed this JV the day, month and year first before written.

Witness:-

01.

02.

Annexure-T

JOINT VENTURE/CONSORTIUM AGREEMENT, IF APPLICABLE IN THE TENDER
NON JUDICIAL STAMP - Rs.500/-

This Joint Venture/Consortium Agreement executed at(Name of place) on thisday of.....(month & year) between M/s X.....(Name of firm) M/s Y.....(Name of firm) M/s Z.....(Name of firm) wherein Registered office of 1st, 2nd and third party is at respectively represented through their constituted attorney.....for the 2nd party.....and for the third party.....(The expression and words of the first 2nd & 3rd party shall mean and include their heirs, successors, assigns, nominees' execution, administrators and legal representative respectively).

WHEREAS the parties herein above mentioned are desirous of entering into a Joint Venture/Consortium for submitting bid document and if contract awarded, carrying on Engineering and or contract works, in connection with "Tender for (name of work with tender No./Tender Notice No.) as mutually decided between the parties of this of the Joint Venture/Consortium.

NOW THIS AGREEMENT WITNESSES AS UNDER:

1. That in and under this Joint Venture/Consortium Agreement the work will be done jointly in the name and style of M/s .. (Joint Venture/Consortium of M/s X, Y, Z, with address).
2. That all the parties shall be jointly and severally legally liable to the Employer in the discharge of all the obligations and liabilities as per the Contract with the Employer and severally and jointly responsible for the satisfactory/successful execution /completion of the work in all respects and in accordance with terms & specified in JV agreement. All the parties shall be jointly and severally liable and responsible for fulfilling the obligations of the tender/bid document.
All the parties shall also be liable jointly and severally for the loss, damage caused to the Railway during the course of execution of the contract or due to non-execution of the contract or part thereof.
3. That the role and responsibility of each constituent of the said Joint Venture/Consortium in details, covering all aspects of the planning and Successful completion of the work shall be as under:
The First party shall be responsible for (details may be furnished) the Second party shall be responsible for (details may be furnished) the third party shall be responsible for..... (details may be furnished).
4. The share of interest/participation, profit & loss of each constituent of the said Joint Venture/Consortium shall be as under:
 - a. Lead Partner : at least 51%
 - b. Joint Venture Partner-1 : Not less than 20%
 - c. Joint Venture Partner-II : Not less than 20%.
5. That the parties of this Joint Venture/Consortium shall depute sufficient no. of experienced staff as committed to commensurate with their role and responsibilities and as required for the successful completion of the works in close consultation with each other.
6. That the financial investment and other resources required for the successful execution/completion of work under this Joint Venture/Consortium shall be brought in by the parties as per mutual agreement/ understanding between them from time to time.
7. That all the Bank Guarantees like performance Guarantee Bank Guarantee for Mobilization advance, machinery advance etc. shall be furnished jointly by all the parties in the name of Joint Venture / Consortium only.
8. That all the parties nominate and authorize Shri.....(Name of representative) of..... (Name of firm) as the representative of the JV and to sign the tender, contract Agreement in

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For & On behalf of President of India

respect of the said tender, to receive payment, to witness joint measurement of work done, to sign measurement books and all letter correspondence related to the mentioned work on behalf of the Joint Venture.

9. That all the above noted parties i.e. M/s X,Y,Z undertake not to make any changes in this Joint Venture/Consortium agreement during the currency of contract except when modification becomes inevitable due to successive laws etc. without prior consent of the Employer. The parties further undertake that in any case lead Member shall continue to be the Lead member of the JV.
10. That all the parties undertake that no member of the Joint Venture firm shall have the right to assign or transfer the interest right or liability in the contract without the written consent of the other members and that of the employer (Railways) in respect of the said tender/contract.
11. That all members of JV certify that they have not been black listed or debarred by or any other Ministry/Department of the Govt. of India/State Govt. from participation in tenders/contract in the past either in their individual capacity or the JV firm or partnership firm in which they were members/partners.
12. The Joint Venture agreement shall be valid during the entire currency of the contract including the period of extension if any and the maintenance period after the work is completed.
13. The Joint Venture agreement shall in all respect be governed by and interpreted in accordance with Indian Laws .
14. That this Joint Venture Agreement is pursuant the MOU entered in to at (place) this(day) (month) (Year) between above noted parties.
15. That the Credentials & Qualifying Criteria should be asunder.
 - a) Technical eligibility criteria.
 - b) Financial eligibility criteria.

NOW THE PARTIES HAVE JOINED HAND TO FORM THE JOINT VENTURE /CONSORTIUM ON THIS.....DAY OFWITH REFERENCE TO AND IN CONFIRMATION OF THEIR DISCUSSIONS AND UNDERSTANDING BROUGHT ON RECORD ON. (DATE)

IN WITNESS THEREOF THE ABOVE NAMED PARTIES HAVE SET THEIR RESPECTIVE HANDS ONTHIS JOINT VENTURE/ CONSORTIUM AGREEMENT ON THE DAY, MONTH AND YEAR FIRSTABOVE MENTIONED IN THE PRESENCE OF THE FOLLOWING WITNESS.

WITNESS:

01	First Party
02	Second Party
03	Third Party

Annexure-U**CA-Certification under preference to Make in India order Certificate**

We, , a CA firm having our registered office addressand certificate number.....certify that we are statutory auditor of the company M/s , having its registered office at

.....

OR

We, , a CA firm having our registered office address and certificate number.....certify that statutory auditor is not mandatory for the company M/s , having its registered office atas per prevailing law and we are practicing Chartered Accountant, not being an employee/ Director and not having any interest in the company.

We have understood the provision of policy purchase w.r.t. PPP-MII order, 2017 and amendment/ revision thereof, enclosed in the above bidding document.

We hereby confirm that our offer is achieving the minimum local content (LC) as mention below:-

Item Sl. No./schedule of tender	Minimum %age of local content in the quoted item	Location wherein local content is being added.

Note: Statutory Auditor/Chartered Accountant of the bidder may add the row a per number of tendered items/schedule.

(Statutory Auditor/Chartered Accountant of the bidder)

Tender ID.....

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Annexure-A1

To be given by contractor/Firm with ever invoice

Below details are only for guidance and assistance.

Sr.No	Term &Conditions	Clause of Special condition of contract/GCC	Attached (Yes/No/Not applicable/Already submitted)
1	Police Verification	Railway Board-BO No. 2020/Sec(CCB)/45/50/Miscd td. 03.02.2020	
2	EPF	Clause No. 55-B	
3	ESIC	Clause No. 54	
4	Payment details of Contractual labour	Clause No. 54 & 55	
5	Adhaar of staff engaged	Clause No. 55-C	
6	Details of labour and their payment in portal 'www.shramikkalyan.indianrailways.gov.in'		
Sr.No	Term &Conditions	Clause of Special condition of contract/GCC	
1	MB	Clause No. 46(3)	

Note:

1. The payment of contractor's bill shall only be made after verification of bank statement as per letter no. 20230200554/PC/VI/N/AGC dated 21.12.2023 showing that payment has been made directly to bank account of the labour engaged by the contractor.
2. LOA No. Dated
3. Bill prepared to
4. Invoice no. Bill count.. 1st and Final/1st /2nd /3rd /4th /5th /6th /7th /8th /9th /10th /Or

Note: Above prescribed format (Annesure-A1) shall be submitted by Contractor/Firm representative at the time of invoice/ bill submission.

Name of firm's representative

Firm

Seal

Sign & Date

Seal & sign

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For & On behalf of President of India

Ar. Kumar
Director General/RPF



भारत सरकार
रेल मंत्रालय, (रिजर्व बॉर्डर)
रेल भवन, नई दिल्ली-110001
GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)
RAIL BHAVAN, NEW DELHI-110001

No. 2020/Sec(CCB)/45/50/Misc.

New Delhi, dated.03/02/2020

Dear Mr. Thomas,

Sub: - Police Verification of antecedents of Contractual Staff.

Railway, have outsourced many of their works and services to outside agencies & contractors. This has resulted in many outsiders working/operating in Railway premises and in the vicinity.

Incidents have been reported wherein these staffs have indulged in activities which are illegal and cases have been registered against them. This concern has also been raised by State Security in State Level Security Committee for Railways (SLSCR) meetings with PCSCS in many of Zonal Railways.

It is worthwhile to mention that during the year-2018, 57 contractual laborers were arrested and 47 cases of passenger's offences were reported wherein involvement of these contractual workers was found. In the current year, up to October-2019, 117 cases with involvement of contractual workers have been registered with the arrest of 138 contractual workers. The Zone-wise details of cases are enclosed.

As such, to sieve such elements, it is imperative that Police Verification of the antecedents of these contractual staff is done regularly.

The above provision is already available in Point 6.16 of "GCC for Services, 2018" issued by Ministry of Railways. The format for the Police Verification as mentioned there is enclosed.

Instructions have also been given to PCSCs regarding the measures to be taken for security of "Passengers & Passenger Area". However, if this provision regarding getting the proper Police Verification is ensured by the Contactor, then it will go a long way in ensuring that the staffs hired by the Railways to provide such services does not indulge in any illegal practice.

RPF Officers have been advised to co-ordinate with SPs concerned in this regard. A tentative procedure for conducting Police Verification across India is enclosed along with a sample format for initiating police verification.

This issue with the approval of CRB.

Enclosure: As above

Ar. John Thomas
General Manager
Southern Railway/Chennai

With warm regards
Yours Sincerely
[Signature]
(ARUN KUMAR)
3/2/2020

POLICE VERIFICATION**Annexure 1****PHOTO**(Of applicant
signed by
contractor)

No.	Particulars	
	Full Name with Aliases	
	Parent's Names	
	Nationality	
	Present Address in full with Police Station & District	
	Period of Residence	
	Home/Permanent Address in full with Police Station & District	
	Addresses with police stations and districts where the applicant has resided continuously for more than 6 months in the past 5 years.	
	Aadhaar Number*	
	The applicant has been involved in a criminal case as accused (Yes/No). If yes, then details	
	The applicant has been arrested in connection with a criminal case (Yes/No). If yes, then details	
	The applicant has been convicted for a criminal offence (Yes/No). If yes, then details.	

Personal

Declaration (By Applicant): I certify the above information is correct and complete to the best of my knowledge and belief.

Countersigned by:	Signature of Applicant
Contracting Railway Supervisor	Date
Place	Place

Police Certificate:

Details as stated above are correct & the above person does not have any criminal record registered or pending against him in any court of law as per official records available.

**Counter Signature of Authorized
Signatory with Stamp**

CONTRACTOR

For & On behalf of President of India

Annexure 2

Procedure for conducting police verification of contractual staff:

The process will start at least 45 days before engagement of the concerned staff as contractual staff for railways.

The form as per format enclosed (annexure 1) may be got filled up by the contracting department and copies may be sent at least 30 days in advance of engagement to:

(i) The Supdt of Police having jurisdiction over the permanent residence of the concerned staff.

(ii) The Supdt of Police having jurisdiction over the place where the concerned staff has resided for more than 6 months in last 5 years.

(iii) The Sr.DSCs/DSCs, RPF having jurisdiction over (i) and (ii)

(iv) The Sr.DSC/DSC having jurisdiction over the place where the person is to be engaged. In case of On Board staff, the Sr.DSC/DSC having jurisdiction over the primary maintenance depot of the train.

3. Sr.DSCs/DSCs mentioned in (iii) will co-ordinate with SPs concerned and get the police verification done as soon as possible and send back the soft copy of the police verification to Sr.DSCs/DSCs mentioned in (iv) who will keep it as record and also share it with the contracting officer. For the purpose of sending soft copies, all Sr.DSCs/DSCs will create an email address in the format: pvconrpf_(acronym of zone)_(acronym of the division)@gmail.com for example pvconrpf_er_hwh@gmail.com

4. The hard copy of the Police verification will be got sent to the contracting officer of the railway by the SP concerned.

5. If the police verification does not come on or before the date of engagement, the staff concerned will be engaged for one month on provisional basis. If the police verification is not received during the provisional period, he will have to be relieved from railway duty and will be re-engaged only when the police verification is received and he is found clear from criminal cases.

6. Receipt of PVC from his permanent residence or any of the places of his last residence will be treated as receipt.



उत्तर मध्य रेलवे

SIV No. 30/2023

सुरक्षा शाखा
VIGILANCE BRANCH
उत्तर मध्य रेलवे मुख्यालय, प्रयागराज
NORTH CENTRAL RAILWAY HEADQUARTER OFFICE
सुरक्षा शाखा, प्रयागराज-211005
SUREDARGHJ, ALLAHABAD-211005

पत्र सं :- 20230200554/PC//V1/N/AGC

दिनांक :- 22.12/2023

प्रधान मुख्य यांत्रिक अभियंता
उत्तर मध्य रेलवे
प्रयागराज

विषय:- निविदा के अनुसार बिलिंग के लिए फर्म द्वारा प्रस्तुत bank statement से संबंधित कार्यों में पायी गयी अनियमितताओं के लिए "प्रणाली सुधार"।

सतर्कता दल द्वारा उपरोक्त विषय पर उत्तर मध्य रेलवे के अंतर्गत आने वाले एक मण्डल में किए गए सतर्कता निवारक जाँच के दौरान यह संज्ञान में आया की निविदा शर्तों के अनुसार संबंधित फर्म द्वारा monthly bill के लिए अपने अधीन कार्यरत कर्मचारियों को वेतन भुगतान संबंधित दस्तावेज़ में Bank statement प्रस्तुत करते हैं परंतु जाँच में पाया गया की monthly bill के लिए फर्म द्वारा प्रस्तुत Bank statement व वास्तविक Bank statement के transaction में अत्यधिक अंतर पाया गया। अतः इस प्रकार फर्म द्वारा फर्जी bank statement प्रस्तुत करके बिल पास होने वाली अनियमितता को नियंत्रित करने हेतु प्रणालीगत सुधार के लिए सिफारिश निम्नवत हैं।

"Tender के अनुसार Monthly Bill के process के लिए फर्म द्वारा bank remittance के तहत उपलब्ध कराए गए bank statement को संबंधित bank से verified करने के उपरांत ही बिल process करना चाहिए। Bank statement को Verified कराने वाले रेलकर्मों का नाम, पद नाम, मोबाइल संख्या verified कॉपी में होनी चाहिए।"

कृपया पत्र पावती के 15 दिन के अन्दर कृत कार्यवाही से इस कार्यालय अवगत कराने की व्यवस्था करें।

उपरोक्त "प्रणाली सुधार" हेतु वरिष्ठ उप महाप्रबन्धक जी द्वारा अनुमोदित हैं।

CWE

CSE/eng

CSE/Eng

CME/PLG

CMPE/ID

(हरीश कुमार)

उप मुख्य सतर्कताधिकारी/यांत्रिक
कृते महाप्रबंधक/ सतर्कता

Annexure-A2**विषय:- ठेकेदारों हेतु श्रम तथा निविदा कानून अनुपालन चार्टर****Tender No.:****Name of Work:**

Ref: विजिलेंस विभाग द्वारा जारी एस.आई.वी एवं रेलवे जी.सी.सी के क्रियान्वयन हेतु विषयांकित चार्टर तैयार किया गया है।

यह चार्टर उपरोक्त संदर्भित भारतीय रेल गार्डलाईन के अनुसार सीएमएलआर कारखाने द्वारा जारी किया जा रहा है ताकि सभी इच्छुक/चयनित ठेकेदारों को यह स्पष्ट रूप से अवगत कराया जा सके कि कार्य निष्पादन के दौरान श्रम तथा निविदा कानूनों का पालन करना ठेकेदार की जिम्मेदारी होगी।

1. कर्मचारी भविष्य निधि (EPF)-(As per SIV No. 09/2025 & GCC Clause 55B)

- ठेकेदार का EPF Act, 1952 के अंतर्गत पंजीकरण अनिवार्य है। यदि लागू नहीं होता, तो संबंधित नियम के पैरा को उल्लिखित करते हुए तदनुसार टिप्पणी निविदा में जमा करना ठेकेदार के लिए अनिवार्य होगा।
- कार्य में लगाए गए सभी पात्र श्रमिकों/कर्मचारियों का EPF अंशदान समय पर जमा करना होगा एवं उसका प्रमाण/साक्ष्य प्रत्येक बिल के साथ प्रस्तुत करना होगा।
- EPF चालान, मासिक रिटर्न एवं UAN विवरण कार्यपालक अधिकारी/प्राधिकृत अधिकारी को मांगने पर प्रस्तुत करना अनिवार्य होगा।
- EPF से संबंधित किसी भी प्रकार की देयता, दावा अथवा दंड की जिम्मेदारी पूर्णतः ठेकेदार की होगी।

2. कर्मचारी राज्य बीमा (ESIC)-(As per SIV No. 09/2025)

- ठेकेदार को ESIC Act, 1948 के अंतर्गत पंजीकरण करना अनिवार्य है। यदि लागू नहीं होता, तो संबंधित नियम के पैरा को उल्लिखित करते हुए तदनुसार टिप्पणी निविदा में जमा करना ठेकेदार के लिए अनिवार्य होगा।
- पात्र श्रमिकों के लिए ESIC अंशदान नियमित रूप से जमा किया जाना चाहिए, जिसके साक्ष्य प्रत्येक बिल के साथ प्रस्तुत करने होंगे।
- ESIC कोड नंबर, चालान एवं रिटर्न प्रस्तुत करना आवश्यक होगा।
- ESIC नियमों के उल्लंघन से उत्पन्न किसी भी देयता, दावा अथवा दंड की जिम्मेदारी पूर्णतः ठेकेदार की होगी।

3. न्यूनतम वेतन (Minimum Wages Act)-(As per GCC clause 54 & 55)

- ठेकेदार को केंद्र सरकार/संबंधित प्राधिकरण द्वारा अधिसूचित न्यूनतम वेतन दरों के अनुसार श्रमिकों को भुगतान करना अनिवार्य होगा।
- ठेकेदार द्वारा श्रमिकों को मासिक भुगतान किया जाना होगा।
- वेतन का भुगतान केवल बैंक खाते के माध्यम से ऑनलाईन किया जाएगा, जिसका साक्ष्य/प्रमाण प्रत्येक बिल के साथ प्रस्तुत करना होगा।
- उपस्थिति रजिस्टर, वेतन रजिस्टर एवं वेतन पर्ची उपलब्ध कराना अनिवार्य होगा।
- न्यूनतम वेतन से कम भुगतान पाए जाने पर अनुबंध की शर्तों एवं GCC के अनुसार कार्रवाई की जाएगी।
- किसी भी प्रकार की देयता, दावा अथवा दंड की जिम्मेदारी पूर्णतः ठेकेदार की होगी।

4. श्रमिक कल्याण पोर्टल / श्रम विभाग पोर्टल-(As per SIV No. 01/2024 & GCC Clause 55C)

- ठेकेदार को संबंधित श्रमिक कल्याण पोर्टल / श्रम विभाग पोर्टल पर पंजीकरण कराना अनिवार्य है। यदि लागू नहीं होता, तो संबंधित नियम के पैरा को उल्लिखित करते हुए तदनुसार टिप्पणी निविदा में जमा करना ठेकेदार के लिए अनिवार्य होगा।
- कार्यरत सभी श्रमिकों का विवरण पोर्टल पर किसी भी प्रकार के परिवर्तन-श्रमिकों की संख्या, कार्यदिवस, दैनिक मजदूरी भत्ता अपडेट किया जाना ठेकेदार को रेगुलर सुनिश्चित करना होगा।
- पोर्टल से संबंधित सभी नियमों का पालन करना ठेकेदार की जिम्मेदारी होगी।

5. अन्य वैधानिक प्रावधान

- Contract Labour (Regulation & Abolition) Act, 1970 का पालन अनिवार्य होगा।
- ठेकेदार को वैध लाइसेंस एवं वैधानिक रजिस्टर संचालित करने होंगे।
- कार्य स्थल पर पहचान पत्र (ID Card), सुरक्षा उपकरण एवं आवश्यक सुविधाएं उपलब्ध कराना होगा।
- ठेकेदार द्वारा टेण्डर डॉक्यूमेंट में दिये गये सिड्यूल (मासिक/त्रैमासिक आधार पर) के अनुसार बिल निविदा के नियमों एवं GCC के अनुसार प्रस्तुत करना होगा।
- ठेकेदार द्वारा ठेका श्रमिकों का पुलिस वेरिफिकेशन अनिवार्य रूप से कराना होगा।

6. दायित्व एवं दंडात्मक प्रावधान

- किसी भी श्रम कानून के उल्लंघन से उत्पन्न सभी दायित्व, दावा, जुर्माना अथवा कानूनी कार्यवाही ठेकेदार द्वारा वहन की जाएगी।
- भारतीय रेल को किसी भी प्रकार की कानूनी/वित्तीय देयता से मुक्त रखा जाएगा।
- नियमों के उल्लंघन की स्थिति में भुगतान रोका जा सकता है या अनुबंध समाप्त किया जा सकता है।

7. ठेकेदार की घोषणा

यह माना जाएगा कि ठेकेदार ने टेंडर दस्तावेज, GCC (Works & Service) की सभी शर्तों को पढ़ लिया है, समझ लिया है तथा भारतीय रेल के नियमों एवं श्रम कानूनों का पूर्ण रूप से पालन करेगा, चार्टर का अनुपालन सुनिश्चित करने की पूर्ण जिम्मेदारी ठेकेदार की होगी। किसी भी प्रकार की अनियमितता पाये जाने पर पूर्ण जिम्मेदारी ठेकेदार की होगी।

This list is as indicative and not exhaustive.

ठेकेदार के हस्ताक्षर

Annexure-A3

भारत सरकार Government of India
रेल मंत्रालय Ministry of Railways
रेलवे बोर्ड Railway Board
No. 2022/EDME (EnHM & Project)/Misc.12 New Delhi, Date: 25.11.2024

The General Managers,
CR, NR, NCR, NER & NWR

Sub: Up gradation of Toilet in ICF coaches.
Ref: Northern Railway's letter No. 802-M/10/RSP/Upgradation of
Coaches/MC-II dated 07.11.2024 (Enclosed)

It has been decided to upgrade the Toilets of 4000 ICF coaches as allotted through RSP work of Pink Book Item No.1254/2017-18 or 514/2023-24 of Railway Board.

In context of the above work, the detailed scope as **Annexure I**, detailed eligibility criteria as **Annexure II** with detailed guidelines as **Annexure III** are issued with the approval of Board (MTRS).

The sanctioned RSP work is planned to be distributed as per following distribution:

Rly	Non-AC ICF Coaches
NR	850
CR	850
NER	800
NWR	800
NCR	700

Schematic layouts of Indian & Western Lavatories for Conventional ICF type Non-AC Coach is enclosed as NR Drg. No. CME SK.-2395 and CME SK.-2396.

For colour scheme of paneling, flooring and washbasin, design of washbasin and pressure reducer in taps, Northern Railway's letter referred above may be followed. Inside Washbasin in non -AC coaches should have stainless steel bowls and outside washbasin should have APC material bowls.

Railways are advised to take necessary action to expedite the above work immediately as this item is being monitored by Railway Board.

DA: Annexures I, II and III.



(शैलेन्द्र सिंह)

मुख्य कार्य, निदेशक / यांत्रिक इंजी. (ई.एन.एच.एम. एवं प्रोजेक्ट)
रेलवे बोर्ड, नई दिल्ली

C/- PCMEs/ CR, NR, NCR, NER & NWR - for kind information and necessary action please.

Annexure I

to the Railway Board letter No. 2022/EDME (EnHM & Project)/Misc.12 dated 25.11.2024

1. Scope of Work for Toilet Up-Gradation in ICF AC Coaches

Sr. No.	Area	Scope of Work	Ref. Drg./spec/make	Remarks
1	Walls	Panelling of Coach toilet	6MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) of make kommerling/ Aluplast / Alstone & 3MM Fiber Glass Decorative Aluminum Polymer Composite to Qualify HL 3 as per EN 45545 of LX (LG) / Dupont, Hyundai and Kovex make	Minimum 6MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) shall be used as structural panelling on the metal frame. 3MM Fiber Glass Decorative Aluminum Polymer Composite sheet of specified quality and make shall be used as skin material on the TDPCP panels. These sheets used as skin surface should have Anti-Graffiti, Scratch Resistance & Anti-Bacterial properties. Both materials shall qualify EN 45545 HL 3 for fire worthiness. The skin surface shall be in shade of marble finishes. Colour of skin surface sheets in ICF AC coaches shall be white or beige family. In ICF NON AC coaches it shall be light gray.
2	Ceiling	Existing Ceiling of Toilet Inside to be replaced with 6MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) of make kommerling/ Aluplast / Alstone meeting HL 3 compliance in thickness of minimum 6 mm.	6MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) of make kommerling/ Aluplast / Alstone	Light weight Thermoformable Decorative Polymerized Composite Panel (TDPCP) shall be used as ceiling material. Branded hinges and panel lock of make Southco, Industriala, dirak or equivalent international reputed material shall be used for easy opening and closing. Ceiling shall be installed in such a way that sagging and unevenness shall not be visible even after repeated opening and closing. Colour of these sheets shall be white or light Gray in both ICF AC and ICF NON AC coaches.



3	Toilet Door	Existing Toilet Door to be replaced with 6 MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) make kommerling/ Aluplast / Alstone complying to EN 45545 HL 3 and 3MM fiber glass decorative aluminum composite over it. Material shall qualify as per EN 45545- HL 3 of LX (LG) / Dupont, Hyundai and Kovex make	Both materials shall qualify EN 45545 HL 3 for fire worthiness.	Provision for replacement of Existing Door with lightweight aluminium frame having 6mm TDPCP as sandwich material. 3MM Fiber glass decorative aluminium composite panel shall be used as toilet inside panels and 3mm decorative FRCP shall used as outside toilet door surface matching with doorway and gangway area panelling material. In place of existing Door Handle, new Doorknob to be provided. Door lock shall be open able with Allen/Panel Key from Outside the Toilet however knob type handle to be provided from Inside for ease of locking and opening . Reputed and branded handle and knob shall be used.
4	Inside Wash BASIN	Inside Wash Basin Bowl along with Countertop & Below Panel to be made of Aluminum Polymer Composite Material with SS Dustbin inside	MMDTS 18008	Provision for Wash basin bowl with countertop & panel in Aluminum Polymer Composite as per MMDTS 18008 inside each toilet with SS dustbin inside APC Panel
5	Toilet Light	Concealed LED light	RDSO specification RDSO/PE/SPEC/TL/0091-2016 (Rev'1')	Toilet shall be equipped with inbuilt LED type aluminum spring free lights with aluminum screw concealer 3-5W/110V ACDC of diameter 76 +/-1mm and 1 number of 6-9W/110V ACDC of diameter 100 +/-1mm with 60000 hours LEDs and CRI>80 color temperature 6000-7000K. fire rating EN 45515 HL2 and tested as per RDSO specification RDSO/PE/SPEC/TL/0091-2016 (Rev'1'). The lux variation over the voltage range 90-140ACDC should be no more than 2%



6	Mirror	Large size flushed mirror of 5mm thickness with frame of Aluminum Polymer Composite Material inside Toilet.	MMDTS 18008	Mirror Frame to be of Aluminum Polymer Composite with aesthetically pleasing Inlay Design as per MMDTS 18008 (Mirror in Brand like Saint Gobain, Modi Guard, Asahi Glass) etc.
7	Tap along with health faucet	Health faucet to be provided in each toilet with two-way Bib Tap.	Bib Cock as per Model No.- F280003CP Health Faucet as per Model No.- F1610110CP	Length of flexible pipe to be approx. 900 mm. The sprinkler & flexible hose to be chrome plated. Bib Cock to be of Hindware Model No.- F280003CP & Health Faucet to be of Hindware Model No.- F1610110CP or similar Make of Susa/ToTo/Kohler/ CERA
8	Toilet Paper Holder	Stainless Steel or ABS Plastic Paper Roll Holder for Western Style Toilet.	Kimberley Clark Model no. 69460 or similar Make – SUSA/Jaquar/Kohler/Cera/ Kimberley Clark	To maintain the Hygiene, and avoid pilferage, misuses & mishandling Toilet paper should be in complete enclosed dispenser/holder
9	Bacteria Neutralizer Dispenser	Bacteria neutralizer dispenser with inbuilt air circulation system along with bio-enzyme bacterial refills in built with fragrance.	RDSO/2008/CG-11 (latest) or equivalent	Automatic Hygiene & Odour Control System along with bio-enzyme bacterial refills in built with fragrance. Capacity 610ML or above for uninterrupted service. Brand – TOTO, Susa, Acme, Water Berry
10	Western Commode Lid Cover	Heavy Duty Commode Lid with Auto Retractor seat cover	Brand Alpine, Tip Top, Susa or equivalent	Existing western commode to be fitted with Auto retractor seat cover of Tip top, Alpine or equivalent make
11	Soap Dispenser	In ICF AC Coaches Automatic Touch free wall mounted liquid soap dispenser with inbuilt lock & key feature	(Brand/Make: Bobrick, Dolphin, Gojo, Merida, ACME, Susa) Capacity- Approx. 800 - 1000 ml	Touchless Automatic Sensor based Soap Dispenser to make it touch free. Brand- Jaguar, Bobrick, Merida, Susa, ACME
12	Water taps for outside Wash Basin	Quarter turn Bib Cock	(Brand/Make- FX00101 of Hindware/kohler/Grohe/ Dolphin / TOTO/S usa)	Taps For outside washbasins in all ICF coaches and 3rd AC coaches to be Quarter turn Bib cock in make (Brand/Make- FX00101 of Hindware/ Kohler/Grohe/ Dolphin/TOTO/S usa)

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13	Inside Water taps for FAC	Sensor operated Water Tap	Brant-Robert Wagner/Merida/TOTO/SUSA	For FAC all inside Taps to be touch free, AC/DC operated, sensor operated with auto closing inbuilt feature
14	Western commode Toilet bowl & seat cover for Western Commode	Existing Western Commode shall be replaced with SS toilet bowl and additional shroud shall be used for better hygiene	Stainless steel toilet bowl similar to LHB toilet look	Toilet Bowl Commode shall be changed and shall be shroud in FRP or FRCP material. Colour of the shroud shall be in gray or other colour matching with over all aesthetics to interior of toilet.
15	PU coated Grab Bar	Disabled friendly Grab bar to be used inside toilet door in approx. 18-inch sizes x 25mm	SS – 304	PU Coated Disabled friendly Grab bar to be used inside toilet door in approx. 18-inch sizes x 25mm. The same to have Anti-Skid PU Skin. Make – SUSA, Hindware, Southco, Industriala, dirak
16	Toilet Inlay	FRP or Decorative Polymerized Composite Panel (TDPCP) Floor Inlay for Indian Pan & western Inlay	make Kommerling/ Aluplast / Alstone	Existing Inlay to be replaced with new modular FRP or TDPCP Inlay. The surface shall be free from any damage, dent or undulation. The surface shall be antiskid and shall comply with fire retardancy of HL3 as per EN45545. If required suitable epoxy flooring as per MDTs 44289 or other PU coating complying to over all EN45545-HL3 compliance can also be used.
17	Indian Pan	Existing pan to be replaced with new pan with functionality of LHB type pan		Existing Indian pan to be replaced with new type of pan having inner ring for water flushing to introduce concealed flushing system
18	Walls & Ceiling	Side Wall & Ceiling Panel in Non-AC doorway & Gangway Area	make kommerling/ Aluplast / Alstone	SIDE WALL - 3MM Decorative Polymerized Composite Panel (TDPCP) panels qualifying to EN 45545- HL3. Colour – Light Gray or light blue or wooden colour shall be used in NON AC ICF coaches CEILING – Either 12mm compreg board with GFRE sheet or 12 MM Decorative FRCP shall be used in ceiling. In case of FRCP the surface shall be decorative and it



				doesn't require additional GFRE or other skin material. Branded hinges and panel lock of make Southco, Industriala, dirak or equivalent international reputed material shall be used. Ceiling shall be installed in such a way that sagging and unevenness shall not be visible even after repeated opening and closing. Colour of these sheets on side wall and ceiling in ICF AC coaches shall be milky white or light Gray or light wooden texture
19	LED Lights	Concealed LED Lights		The Corridor and doorway shall be equipped with inbuilt LED type aluminum spring free lights with aluminum screw concealer 6 number of 6-9W/110V ACDC of diameter 100+/-1mm with 60000 hours LEDs and CRI>80 color temperature 6000-7000K. fire rating EN 45515 HL2 and tested as per RDSO specification RDSO/PE/SPEC/TL/0091-2016 (Rev'1'). RAL 7048 metallic. The lux variation over the voltage range 90-140ACDC should be not more than 2%
20	Washbasin & Outside Dustbin	Inside Wash Basin Bowl along with Countertop & Below Panel to be made of Aluminum Polymer Composite Material with SS Dustbin inside	MMDTS 18008	Provision for Wash basin bowl with countertop & panel in Aluminum Polymer Composite as per MMDTS 18008 inside each toilet with SS dustbin inside APC Panel
21	Mirrors	Large size flushed mirror of 5mm thickness with frame of Aluminium Polymer Composite Material outside Toilet	MMDTS 18008	Mirror Frame to be of Aluminium Polymer Composite with aesthetically pleasing Inlay Design as per MMDTS 18008 (Mirror in Brand like Saint Gobin, Modi Guard, AIS) etc.
23	Braille Signage		As per ICF Spec MD 253	Braille signage for complete toilet to be provided as per specification, eligibility &



				related drawing.
24	Linen Almirah	Almirah for Linen Room in Decorative Polymerized Composite Panel (TDPCP) shall be used as almirah panelling	make kommerling/ Aluplast / Alstone	Approx 8MM thick panel shall be used as almirah panelling. Branded hinges and panel lock of make Southco, Industrial, dirak or equivalent international reputed material shall be used. Colour of these sheets in ICF AC coaches shall be white or beige family.
25	Doorway & Gangway Flooring	Doorway & Gangway flooring to be replaced with Decorative Polymerized Composite Panel (TDPCP)	make kommerling/ Aluplast / Alstone	Entire floor area to be replaced with Decorative Polymerized Composite Panel (TDPCP) qualifying to EN 45545 HL3 and to be covered with specified PVC floor covering or Aluminium chequered sheet if required.
26	Electrical Panel	Existing Door of Electrical panel to be replaced with Decorative Polymerized Composite Panel (TDPCP) in minimum 12MM thickness.	make kommerling/ Aluplast / Alstone	Existing doors of electrical panels to be replaced with Decorative Polymerized Composite Panel (TDPCP).

For wider participation and cost effectiveness, an alternative to Thermoformable Decorative Polymerized Composite Panel (TDPCP) paneling material composite such as thermoplastic of Sabic Composites or Simorail of Simona Composite can also be used. Such alternative material must have a proven track record and must be complying with FST requirement of EN45545 HL3, physical and mechanical properties similar to TDPCP.

2. Scope of Work for Toilet Up-Gradation in ICF Non-AC Coaches

Sr. No.	Area	Scope of Work	Ref. Drg./spec/make	Remarks
1	Walls	Panelling of Coach toilet	6MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) of make kommerling/ Aluplast / Alstone Qualify HL 3 as per EN 45545	Minimum 6MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) shall be used as final panelling on the metal frame. In ICF NON AC coaches it shall be light gray. The panels can be with pattern or design or just the plain colour. Design shall get approved by

				Railways if required.
2	Ceiling	Existing Ceiling of Toilet Inside to be replaced with 6MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) of make kommerling/ Aluplast / Alstone meeting HL 3 compliance in thickness of minimum 6 mm.	6MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) of make kommerling/ Aluplast / Alstone	Light weight Thermoformable Decorative Polymerized Composite Panel (TDPCP) shall be used as ceiling material . The sheet installation shall be fixed type Until a frequent opening ceiling is required. if asked separately Branded hinges and panel lock of make Southco, Industrial, dirak or equivalent international reputed material shall be used for easy opening and closing. Ceiling shall be installed in such as way that sagging and unevenness shall not be visible even after repeated opening and closing. Colour of these sheets shall be white or light Gray in ICF NON AC coaches
3	Toilet Door	Existing Toilet Door to be replaced with 3 MM Thermoformable Decorative Polymerized Composite Panel (TDPCP) make kommerling/ Aluplast / Alstone complying to EN 45545 HL 3	Both materials shall qualify EN 45545 HL 3 for fire worthiness.	Provision for repair or replacement of Existing Door metal frame and having 3mm TDPCP as skin material. In place of existing Door Handle, new Doorknob to be provided. Door lock shall be open able with Allen/Panel Key from Outside the Toilet however knob type handle to be provided from Inside for ease of locking and opening . Reputed and branded handle and knob shall be used.
4	Inside Wash BASIN	Inside Wash Basin Bowl along with Countertop & Below Panel to be made of Aluminum Polymer Composite Material with SS Dustbin inside	MMDTS 18008	Provision for Wash basin bowl with countertop & panel in Aluminum Polymer Composite as per MMDTS 18008 inside each toilet with SS dustbin inside APC Panel
5	Mirror	Large size flushed mirror of 5mm thickness with frame of Aluminum	MMDTS 18008	Mirror Frame to be of Aluminum Polymer Composite with aesthetically pleasing Inlay Design as per



		Polymer Composite Material inside Toilet.		MMDTS 18008 (Mirror in Brand like Saint Gobain, Modi Guard, Asahi Glass) etc.
6	Tap along with health faucet	Health faucet to be provided in each toilet with two-way Bib Tap.	Bib Cock as per Model No.- F280003CP Health Faucet as per Model No.- F1610110CP	Length of flexible pipe to be approx. 900 mm. The sprinkler & flexible hose to be chrome plated. Bib Cock to be of Hindware Model No.- F280003CP & Health Faucet to be of Hindware Model No.- F1610110CP or similar Make of Susa/ToTo/Kohler/ CERA
7	Toilet Paper Holder	Stainless Steel or ABS Plastic Paper Roll Holder for Western Style Toilet.	Kimberley Clark Model no. 69460 or similar Make – SUSAJaquar/Kohler/Cera/ Kimberley Clark	To maintain the Hygiene, and avoid pilferage, misuses & mishandling Toilet paper should be in complete enclosed dispenser/holder
8	Bacteria Neutralizer Dispenser	Bacteria neutralizer dispenser with inbuilt air circulation system along with bio-enzyme bacterial refills in built with fragrance.	RDSO/2008/CG-11 (latest) or equivalent	Automatic Hygiene & Odour Control System along with bio-enzyme bacterial refills in built with fragrance. Capacity 610ML or above for uninterrupted service. Brand – TOTO, Susa, Acme, Water Berry
9	Western Commode Lid Cover	Heavy Duty Commode Lid with Auto Retractor seat cover	Brand Alpine, Tip Top, Susa or equivalent	Existing western commode to be fitted with Auto retractor seat cover of Tip top, Alpine or equivalent make
10	Soap Dispenser	Modular type manual wall mounted liquid soap dispenser with inbuilt lock & key feature	(Brand/Make: Bobrick, Dolphin, Gojo, Merida, ACME, Susa) Capacity- Approx. 800 - 1000 ml	Wall mounted liquid Soap Dispenser with the theft resistance installation arrangement in each toilet Brand- Jaguar, Bobrick, Merida, Susa, ACME
11	Water taps for outside and inside of toilet at Wash Basin	Quarter turn Bib Cock	(Brand/Make- FX00101 of Hindware/kohler/Grohe/ Dolphin / TOTO/S usa)	Taps For outside and inside washbasins in all ICF NON AC coaches to be Quarter turn Bib cock in make (Brand/Make- FX00101 of Hindware/ Kohler/Grohe/ Dolphin/TOTO/S usa)
12	Western commode Toilet bowl & seat cover for Western Commode	Existing Western Commode shall be replaced with SS toilet bowl and additional shroud shall be used for	Stainless steel toilet bowl similar to LHB toilet look	Toilet Bowl Commode shall be changed and shall be shroud in FRP or FRCP material. Colour of the shroud shall be in gray or other colour matching with over all



		better hygiene		aesthetics to interior of toilet.
13	PU coated Grab Bar	Disabled friendly Grab bar to be used inside toilet door in approx. 18-inch sizes x 25mm	SS – 304	PU Coated Disabled friendly Grab bar to be used inside toilet door in approx. 18-inch sizes x 25mm. The same to have Anti-Skid PU Skin. Make – SUSA, Hindware, Southco, Industriala, dirak
14	Toilet Inlay	FRP or Decorative Polymerized Composite Panel (TDPCP) Floor Inlay for Indian Pan & western Inlay	make Kommerling/ Aluplast / Alstone	Existing Inlay to be replaced with new modular FRP or TDPCP Inlay. The surface shall be free from any damage, dent or undulation. The surface shall be antiskid and shall comply with fire retardancy of HL3 as per EN45545. If required suitable epoxy flooring as per MDTS 44289 or other PU coating complying to over all EN45545-HL3 compliance can also be used.
15	Indian Pan	Existing pan to be replaced with new pan with functionality of LHB type pan		Existing Indian pan to be replaced with new type of pan having inner ring for water flushing to introduce concealed flushing system
16	Walls & Ceiling	Side Wall & Ceiling Panel in Non-AC doorway & Gangway Area	make Kommerling/ Aluplast / Alstone	SIDE WALL - 3MM Decorative Polymerized Composite Panel (TDPCP) panels qualifying to EN 45545- HL3. Colour – Light Gray or light blue or wooden colour shall be used in ICF NON AC coaches CEILING – Either 12mm compreg board with GFRE sheet or 12 MM Decorative FRCP shall be used in ceiling. In case of FRCP the surface shall be decorative and it doesn't required additional GFRE or other skin material. Branded hinges and panel lock of make Southco, Industriala, dirak or equivalent international reputed material shall be used. Ceiling shall be

				installed in such a way that sagging and unevenness shall not be visible even after repeated opening and closing. Colour of these sheets on side wall and ceiling in ICF NON AC coaches shall be light Gray or light wooden texture or as specified by Railway meeting over all aesthetic of coach interior
17	Washbasin & Outside Dustbin	Inside Wash Basin Bowl along with Countertop & Below Panel to be made of Aluminum Polymer Composite Material with SS Dustbin inside	MMDTS 18008	Provision for Wash basin bowl with countertop & panel in Aluminum Polymer Composite as per MMDTS 18008 inside each toilet with SS dustbin inside APC Panel
18	Mirrors	Large size flushed mirror of 5mm thickness with frame of Aluminium Polymer Composite Material outside Toilet	MMDTS 18008	Mirror Frame to be of Aluminium Polymer Composite with aesthetically pleasing Inlay Design as per MMDTS 18008 (Mirror in Brand like Saint Gobin, Modi Guard, AIS) etc.
19	Water tap for Basin	Quarter turn Bib Cock		Quarter turn Bib cock for toilets in make (Brand/Make- FX00101 of Hindware/ Kohler/Grohe/ Dolphin/TOTO/USA)
20	Braille Signage		As per ICF Spec MD 253	Braille signage for complete toilet to be provided as per specification, eligibility & related drawing.
21	Doorway & Gangway Flooring	Doorway & Gangway flooring to be replaced with Decorative Polymerized Composite Panel (TDPCP)	make Kommerling/ Aluplast / Alstone	Entire floor area to be replaced with Decorative Polymerized Composite Panel (TDPCP) qualifying to EN 45545 HL3 and to be covered with specified PVC floor covering or Aluminium chequered sheet if required.

For wider participation and cost effectiveness, an alternative to Thermoformable Decorative Polymerized Composite Panel (TDPCP) paneling material composite such as thermoplastic of Sabic Composites or Simorail of Simona Composite can also be used. Such alternative material must have a proven track record and must be complying with FST requirement of EN45545 HL3, physical and mechanical properties similar to TDPCP.



Annexure II

to the Railway Board letter No. 2022/EDME (EnHM&Project)/Misc.12 dated 25.11.2024

3. Eligibility Criteria for the work of Toilet Up-Gradation in ICF AC & Non-AC Coaches

"Supply & Fitment" of complete refurbishment including Electrical & Mechanical Work of LHB or conventional Coaches in any unit of Indian Railways/Public Sector Unit undertakings (PSUs). " Re-furbishment" would mean supply and installation of flooring, wall paneling, ceiling, replacement or repair of seats and berths, toilet of Coach in the interior of coach.

OR

Complete Manufacturing of Metro Coaches Rolling Stock including its Roof Ceiling Panels, side wall panel, seats, doors, gangway & electrical items in any unit of Indian Railways/Public Sector Unit undertakings or any other coach production unit in India.

OR

Complete refurbishment activity including Mechanical & Electrical work for passenger carrying Metro Coaches / EMU / DMU / trainset for Repair & Replacement of side wall panel, roof ceiling panel, flooring, electrical panels, doors and gangway in any unit of Indian Railways/Public Sector Unit undertakings or any other coach production unit / Railway repair and maintenance work shop / Divisional Railways in India or internationally



Annexure III

to the Railway Board letter No. 2022/EDME (EnHM & Project)/Misc.12 dated 25.11.2024

4. Detailed guidelines for the work of Toilet Up-Gradation in ICF AC & Non-AC Coaches

I. During execution of work of Toilet Up-Gradation in conventional ICF Coaches, the following will also be ensured:

1. Proper fitment of all CSK screws
2. Fitment of Toilet Door handle/latch etc with the help of template.
3. Proper workmanship during laying of epoxy to get proper finish around Pan and Epoxy interface.
4. Fitment of all standard latches and Tower Bolts
5. Proper fitment of Toilet threshold and toilet door hinge foot
6. Provision of beading on Washbasin counter along side wall.
7. Panels in Doorway Gangway area to Linen Cabinet (for ICF AC coaches)
8. Replacement or repair of panels etc should also include Pantry area, Linen Cabinet, Passenger Compartment doors, door way and gangway area , Main Entrance Doors back side etc.
9. In ICF AC coaches Refurbishment of Linen Cabinet and its doors and electrical panels (Repair of doors, handles and latches)

II. Major activity in the toilet up gradation work is towards repairing and fitment and supply of material may vary from coach to coach depending on conditioning of the coach .It is essentially a repair contract where the amount of work may vary from toilet to toilet and in-situ repair/up gradation work has to be done so that the continuous interaction with the supervisors and monitoring by the supervisors is required for successful execution of this project. It qualifies to be done under the works contract.

III. FST requirements, anti-graffiti, scratch resistance and other quality parameters related to mechanical properties, hygiene and safety are the prime requirements and accordingly qualified material complying related specification / drawings and remarks of this letter shall be followed and accordingly technically capable participants shall be selected as per Works Contract eligibility and as per technical criteria given for individual items.

IV. Bad odour, water stagnation on the toilet floor and improper flushing system are common issues and attracts major passenger complaints. Railway may adopt any additional item or technology to address these issues at the time of tendering or even at the execution stage by suitable contractual modifications. Other than the item mentioned above, contractor may also suggest alternative material or system for overcoming the issue of bad odour and water stagnation and railway may adopt the same on condition basis. However, all other items such as wall panels etc shall be same as mentioned in the specification.



V. Railway shall also explore the possibility of giving AMC for the toilets and contractors may ask it separately in tender. Duration of AMC and its actual requirements shall be decided by railways on requirement basis. Items like Bacteria Neutralizer, Toilet paper holders etc. for which regular Refills are required shall also be included in AMC.

VI. ICF coaches having service life more than 3 years should be given priority for toilet upgradation.



Northern Railway

**Head Quarter Office
Baroda House
New Delhi**

No. 802-M/10/RSP/Upgradation of Coaches/MC-II

07.11.2024

**PED/EnHM & Project
Ministry of Railways
Railway Board
Rail Bhavan, New Delhi**

Sub: Inspection of MTRS/RB at NDLS Saloon siding on 30.10.2024.

MTRS/RB along with AMME, PED/EnHM & Project and PCME/NR inspected the coaches in which the toilet area and fittings were upgraded as per the approved scheme. Various options of colour pattern and design were presented and after the inspection and deliberation by Railway Board and Northern Railway officials following instructions were given by MTRS.

1. Coach No. 084988 (GS) – ICF NAC

It was informed that the ceiling and wall panels have been provided with Thermoformable Decorative Polymerized Composite Panel (TDPCP). A colour scheme for the panels was finalized and the same has to be followed for any future refurbishments.



Finalized Colour scheme for panels

2. Coach No. 183101: LWACCN type

It was informed that the toilet of Coach No. 183101 has been modified by JUDW. It was advised to install a reducer valve in the tap to control water flow in the washbasin.



Reducer to reduce
flow rate of water

It was advised that the epoxy flooring used in the lavatory of this coach should be adopted as a standard and implemented in all other coaches undergoing toilet upgradation.



Design of Epoxy
Flooring to be
followed

It was further suggested to select a sink basin color that conceals dried water droplets, enhancing cleanliness appearance. The following colour scheme is therefore approved for universal adaptation.



Design and Color to be adopted

Inside washbasin of the toilets should have stainless Steel bowls, whereas the outside washbasins should have APC material bowls.



Stainless Steel Washbasin bowl in

3. Coach No. 211406: LWACCN type

MTRS enquired about OBHS seat modifications and storage provisions.

Following details were given: -

Cuboid Structure: Made with a 1/2" wooden board, the structure measures 1755mm (L) x 510mm (B) x 460mm (H). The front face is covered with sky blue Sun mica for an improved aesthetic finish.

Partitioned Storage: Three internal compartments provide efficient storage of housekeeping tools and equipment.

Sliding Doors with Locking Mechanism: Two sliding doors are fitted with cavity handles and locks to ensure secure storage.

Comfortable Seating: A 3" mattress with a Rexene cover on top of the cuboid structure offers a comfortable resting area for OBHS staff.

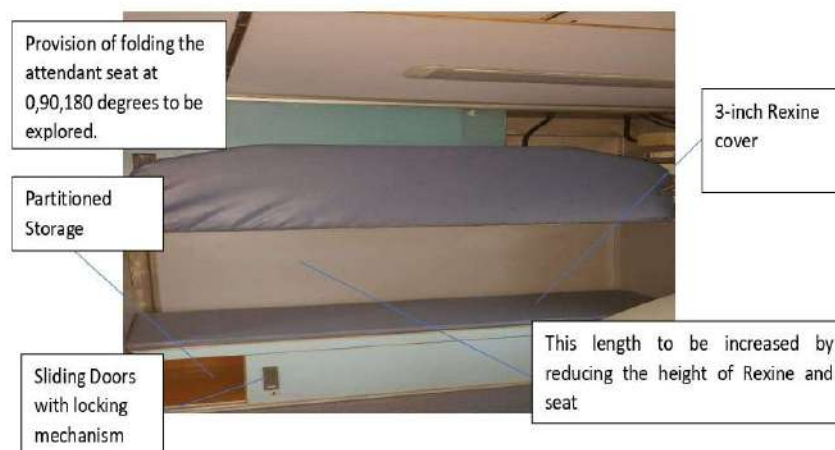
Benefits:

Enhanced Storage and Organization: The compartmentalized cuboid structure allows OBHS staff to store tools and equipment securely and in an organized manner.

Advantage: Reduces clutter within the coach, ensuring easy access to tools and improving the overall coach environment.

Observations of MTRS -

It was advised to explore the possibility of reducing the OBHS seat height so as to enhance the seating space for staff, so as to improve staff comfort. Also, a suggestion was made that provision of folding the attendant seat above the OBHS seat at 0, 90, and 180 degrees be explored. After successful trial completion, this modification to be implemented in all AC coaches of Mail Express trains, not having Mini pantry.



4. Coach No. 197417 (LWSCN Type):

MTRS enquired about the materials and standards of lavatory panels and washbasins. It was informed that the lavatory panels, gangway panels, and lavatory doors are made with TDPCP, which is both recyclable and eco-friendly. All materials comply with the international fire safety standard EN 45545 HL3. The washbasins and gangway sinks are crafted from APC material, offering a premium design for enhanced aesthetics and easy maintenance and repair.



TDPCP Material
(Thermoformable
decorative
polymerized
composite panel)

APC Material

Observations by MTRS:

It was further recommended that unit exchange spares for all materials and subassemblies used during the toilet upgradation be purchased as spares through proper planning to ensure availability and facilitate maintenance.

5. NMG Coach: Automobile Carrier cum Brake Van

Enquiry was made regarding NMG coach. It was informed that the NMG coach was converted from a non-AC ICF coach and is designed to serve as both a brake van and an automobile carrier.

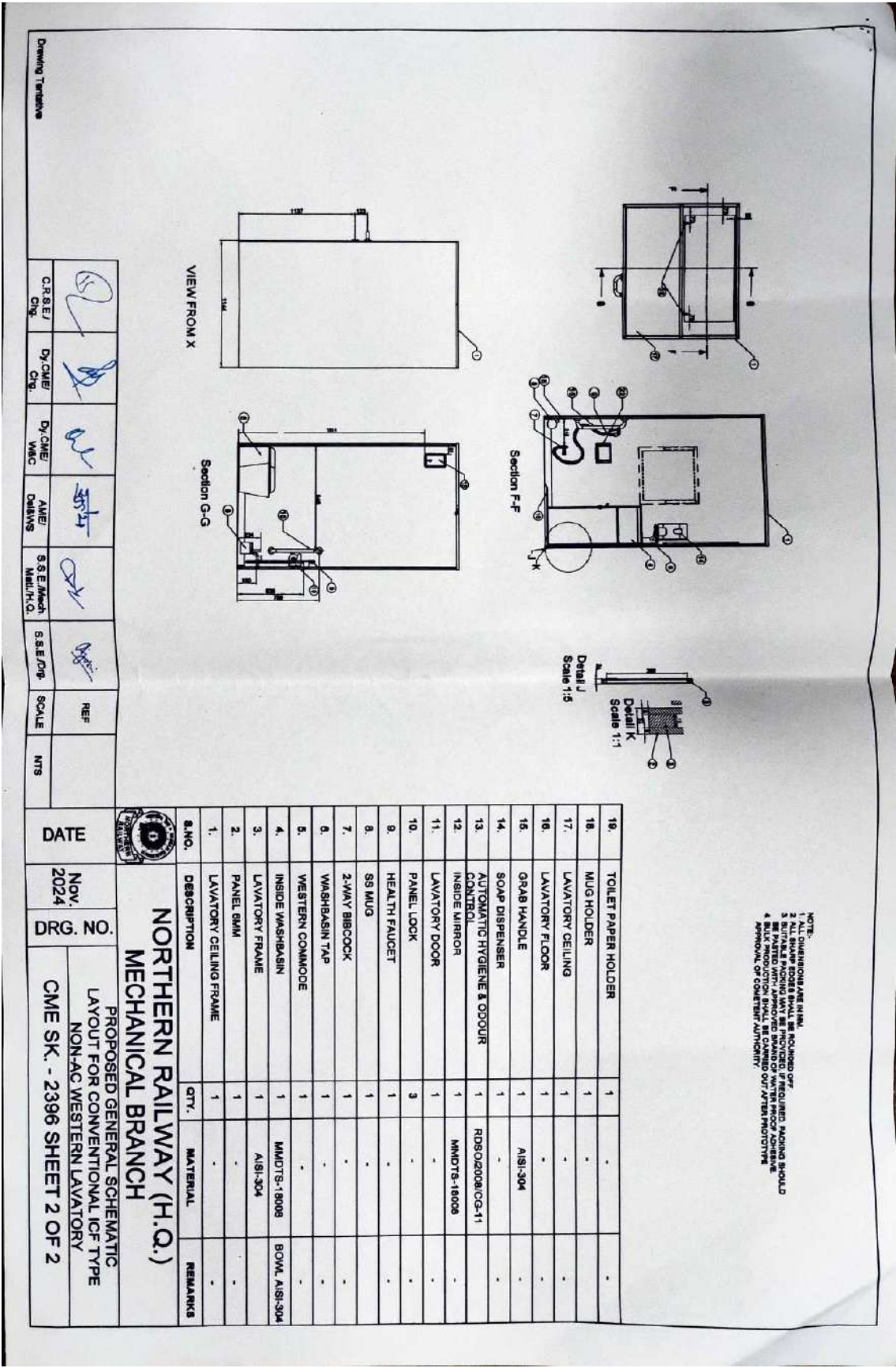
Schematic drawings of upgraded toilets of ICF NAC coach are annexed herewith. Drawings of ICF LHB coaches are under preparation and will be submitted subsequently.

KAUSTUBH
MANI

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Date: 2024.11.07 15:51:04
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Kaustubh Mani
CRSE Chg NR

S.NO.	DESCRIPTION	QTY.	MATERIAL	REMARKS
1.	PANEL, 6MM	1	-	-
2.	LAVATORY CEILING FRAME	1	-	-
3.	INDIAN PAN	1	MS-304	-
4.	OUTSIDE WASHBASIN	1	MS-304	-
5.	INSIDE WASHBASIN	1	MS-304	-
6.	LAVATORY FRAME	1	MS-304	-
7.	SS MUG	1	-	-
8.	2-WAY BIBCOCK	1	-	-
9.	WASHBASIN TAP	2	-	-
10.	HEALTH FAUCET	1	-	-
11.	FLOOR DRAIN	1	-	-
12.	PANEL LOCK	1	-	-
13.	INSIDE MIRROR	1	-	-
14.	LAVATORY DOOR	1	-	-
15.	OUTSIDE MIRROR	1	-	-
16.	AUTOMATIC HYGIENE & ODOR CONTROL	1	-	-
17.	SOAP DISPENSER	2	-	-
18.	GRAB HANDLE	1	-	-
19.	LAVATORY FLOOR	1	-	-
20.	LAVATORY CEILING	1	-	-
21.	MUG HOLDER	1	-	-
22.	TOILET PAPER HOLDER	1	-	-



End of Tender Document

CONTRACTOR

For & On behalf of President of India