

दक्षिणपूर्व मध्य रेलवे
South East Central Railway

निविदा प्रपत्र
TENDERDOCUMENT

दो पैकेट पद्धति निविदा
(Two Packet System)

वैगन रिहेबिलिटेशन केन्द्र / बीएमवाई में 400 बॉक्सएन वैगनों का अपग्रेडेशन एवं रिहेबिलिटेशन

**UPGRADATION AND REHABILITATION OF 400 BOXN WAGONS TO
BOXNR**



E-Tender No.: M-R-ET-BIA-26-27-01

कार्य की अनुमानित लागत— रु. 45,60,83,780.00 (Including GST)

Approximate Cost of Work – Rs. 45,60,83,780.00 (Including GST)

जमानत राशि — रु. 91,21,700.00

Earnest Money Required – Rs. 91,21,700.00

निविदा प्रपत्र कामूल्य –निरंक

Cost of Tender document: NIL

जारीकर्ता **ISSUED BY:**

वरिष्ठ मंडल यांत्रिक इंजीनियर (फ्रेट)

द.पू.म.रेलवे/रायपुर

**Sr. DIVL. MECH. ENGINEER (Freight)/BIA
S.E.C. RAILWAY, RAIPUR**

SOUTH EAST CENTRAL RAILWAY

Name of work: Upgradation and Rehabilitation of 400 BOXN wagons to BOXNR.

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**SOUTH EAST CENTRAL RAILWAY
CHECK LIST**

1	Estimated Cost (Rs. 45,60,83,780.00/-)	: Seen
2	Completion Period (18 Months)	: Seen
3	Bid Security (Rs. 91,21,700/-)	: Seen
4	Date of Opening (10.07.2026 at 16:00 Hrs.)	: Seen
5	Tender validity period (90 Days)	: Seen
6	Have You Read Tender Document Carefully	: Yes / No
7	Have you Read penalty & payment Clause	: Yes / No
8	Have you uploaded scan copy of GST no.	: Yes / No
9	Have you uploaded scan copy of PAN no.	: Yes / No
10	Have you upload scan copy of registration of EPF& ESI	: Yes / No
11	Have you uploaded the filled scan copy of Form-A	: Yes / No
12	Have you uploaded scan copy of Bank detail as prescribed format	: Yes / No
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 / No
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.	: Noted
16	Have you uploaded the filled Annexure-M	: Yes / No
17	Have you quoted any deviation. If “yes” then have you uploaded filled Annexure-B .	: Yes / No
18	Have you understood the nature of work & terms/conditions laid down in tender documents	: Yes / No
19	Have you uploaded the documents regarding eligibility criteria with completion certificates.	: Yes / No
20	Have you uploaded Certification under preference to Make in India as given Annexure-P .	: Yes / No
21	Have you uploaded Declaration regarding Employment/ Partnership etc. of Retired Railway Employees as given in Annexure – ‘Q’	: Yes / No
22	In case of other than company/proprietary firm, Annexure-V(A) shall also be submitted by the each member of a partnership firm/ Joint venture (JV) / Hindu undivided family (HUF) / Limited Liability partnership (LLP) etc. as the case may be. Non submission of above certificate, 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

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

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

SOUTH EAST CENTRAL RAILWAY
E-Tender Notice: M-R-ET-BIA-26-27-01

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

- 1. Name of work: Upgradation and Rehabilitation of 400 BOXN wagons to BOXNR.**

Cost of work.	Bid Security
Rs.45,60,83,780.00/- (Including 18%GST)	Rs. 91,21,700/-
Time of completion	Online tender closing date and time
Eighteen Months	(10.07.2026 at 16:00 Hrs.)

- 2. Place of work:** The work shall be executed at Bhilai Complex of Raipur division. Railway reserves the right to change place of work any other depot / workshop within SEC Railway.

Detailed information about tender and tender format is available at website www.ireps.gov.in

Sr. DIVL. MECH. ENGINEER (Freight)
S.E.C. RAILWAY, RAIPUR
For and on behalf of the President of India

Form-A

SOUTH EAST CENTRAL RAILWAY
(Declaration by the contractor before filling the tender form)

E-Tender Notice : M-R-ET-BIA-26-27-01

Name of work : Upgradation and Rehabilitation of 400 BOXN wagons to BOXNR.

To,
The President of India
(Acting Through The)
Sr. DME/Frt/BIA
SECR/Raipur

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 **BIA COMPLEX/Raipur/SEC 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 **18 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. 91,21,700.00 /- (Rs. Ninety-One Lakh Sixty Twenty-One Thousand Seven 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 Sixty days after receipt of orders to that effect.
4. I/ We am/are a Startup firm registered by Department of Industrial Policy and Promotion (DIPP) and my registration number is valid up to.....(Copy enclosed) and hence exempted from submission of bid security.
5. We are a Labour Cooperative society and our Registration No. is withand hence required to deposit only 50% of bid security.
6. Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.

Signature of Tenderer(s)

Date _____

Address of Tenderer(s)

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

PART-I

SCOPE OF WORK AND SPECIAL TERMS & CONDITIONS TO THE TENDERER

1. INFORMATION IN TENDER :

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 up to 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 up to correction slip, till inviting date of this tender.

2.3 Definition of similar work: -

“Manufacturing / Rebuilding / Rehabilitation / Renewal / Repair of Wagons / Routine Overhauling of wagon for Indian Railway”

2.4 As per Railway board letter no. 2011/M(M&P)/7/2/Guidelines dated 23.08.2012 & dated 23.01.2020, Technical and Financial eligibility are dispensed with in cases of bidders, who are either OEMs or sources approved by RDSO for related work contracts. Bidders claiming dispensation should submit the supporting documents for the same.

3. SCOPE OF WORK:

- 1. General:** The work involves replacement of sidewalls, end walls, replacement of floor plate, doors and repair of damaged under frame members. BOXN wagons preferably in age **Group 10-23 years**{as per WD-16-BOXNR-2010 (Rev-2)} should be taken up for this up gradation. Rehabilitation of wagon to be taken up only if center sill of wagon is found to be in sound condition. The rehabilitation of BOXN wagon body should be done by using of CRF section (to RDSO's specification no. WD – 01 – CRF – 12 (latest revision) and stainless steel (IRS:M 44: 97 latest revision)/ Micro alloyed steel (IS :2062 E 450).
The general guidelines mentioned in the RDSO Pamphlet entitled “Guidelines for Fabrication of Stainless Steel wagons” of October 2007 dealing with Cutting, Forming, Welding should be followed.
- 2. Up-gradation Specification:** The Up-gradation and Rehabilitation of BOXN wagons shall be carried out in accordance with revised Specification No.WD-16-BOXNR-2010(Rev.-2) or latest alteration(Without Twin Pipe Conversion) and with Removal of two doors and reduction of height of remaining two doors in rehabilitation of BOXN type wagons to BOXNRM2 and BOXNRHS wagons as per RDSO Letter No. MW/BOXNR Dt. 27.07.2023.
- 3. Technical Requirement:**
 - i. Flap Door:** Flap Door shall be replaced as per RDSO Drawing & Specification of BOXNR.
 - ii. End wall:** Materials, side stanchions, middle coping, end top coping and end sheet shall be provided for end walls as per RDSO Drawings and specification of BOXNR.

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- iii. **Floor plate:** Floor plate shall be replaced with stainless steel plates of 4mm thickness.
- iv. **High tensile Non-transition Coupler:** 100% of the couplers out of contracted number of wagons shall be replaced with high Tensile Non-Transition coupler to WD-70-BD-2010 (Rev-4). Released coupler shall be returned back to Railways.
- v. **List of relevant Drawings for up gradation and rehabilitation of wagons to BOXNR is as under:**

Sl. No	Drawing No.	Latest Alteration as on 11.2023	Description
1.	WD-07001-S/01	6	Index
2.	WD-07001-S/02	17	Diagram
3.	WD-07001-S/03	11	General Arrangement
4.	WD-07001-S/04	7	Under frame Arrangement
5.	WD-07001-S/05	9	Under frame Details sheet-1
6.	WD-07001-S/06	4	Under frame Details sheet-2
7.	WD-07001-S/07	5	Under frame Details sheet-3
8.	WD-07001-S/08	13	Body side Arrangement
9.	WD-07001-S/09	8	Body side stanchion
10.	WD-07001-S/10	12	Body End Arrangement
11.	WD-07001-S/11	8	Attachment of End to Head Stock
12.	WD-07001-S/12	14	Marking Diagram
13.	WD-23027-S-01	01	Flap door Arrangement
14.	WD-07064-S/01	12	Cold Rolled Formed Sections
15.	WD-81010-S/03	12	Arrangement of High Tensile CBC (NT)

- vi. The wagon underframe needs to be strengthened and additional cross members (cross ties) are to be provided to make integrated structure of body and under frame, as shown in drawing no-WD-07001-S/04.
- vii. Wagon requiring replacement of sole bar should be replaced as per RDSO Drawings No. WD-07001-S/05. Proper fitment of cross members with new sole bar to be ensured. Holes are to be provided as per the RDSO Drawings No. WD-07001-S/05. Wagons not requiring replacement of sole bars, the location of holes to be changed to enable fitment of stanchions. Proper strengthening of sole bar should also be ensured.
- viii. Contractor shall purchase side walls, end walls, CRF section and flap doors from RDSO approved vendors listed in current RDSO vendor directory.

4. WORK DETAILS:

i Identification of Repairs:

Wagons for up-gradation and rehabilitation shall be examined by the railway authorities prior to handing over to the contractor.

ii Stripping:

Stripping of wagon shall be as per RDSO specification No. WD-16-BOXNR-2010(Rev.-2).

iii Cleaning of underframe:

Cleaning of under frame shall be as per RDSO specification No. WD-16-BOXNR-2010(Rev.-2).

iv Repair of Underframe:

Repair of under frame shall be as per RDSO specification No. WD-16-BOXNR-2010(Rev.-2). Items of under frame repairs undertaken shall be recorded by the contractor and verified by the railway authorities.

v Repair of Head stock and cross bars:

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- a. Slightly bent members or portion as the case may be, are heated in position and straightened by means of straightening device or by applying blows with sledge hammer. To carry out this repair, the CBC assembly is to be stripped off.
- b. Heavily bent members are to be stripped and straightened by localized heating for alignment and refitted. Based on the condition, replacement with new cross members should also be carried out.
- c. In addition to above repair work, the under frame should be modified and strengthened to RDSO Drg. No WD-07001-S/0, WD-07001-S/05.

5. ASSEMBLY OF BODY:

- i The assembly of body structure should be carried out as detailed below:-
 - a. Supply of body side wall, end wall and flap door assemblies to Drg. No. WD-07001-S/08, WD-07001-S/10 and WD-09034-S-07 respectively.
 - b. Make sure that holes for lock bolting are made at sole bar location and headstock location to Drg. No. WD-07001-S/05 and WD-07001-S/11 respectively.
 - c. Put the side wall assembly and end wall assembly on under frame and be sure that holes of side and end stanchions coincide with the holes of sole bar and head stock. After ensuring it, fix the side and end stanchion temporarily by means of nut and bolt then tag weld the side wall and end wall with the corner stanchion.
 - d. Check all the controlling dimensions of side wall and end wall, if found satisfactory or within the limit, weld the side and end wall sheets to corner stanchion and lock bolt the side stanchions with the sole bar after replacing the nut and bolt.
 - e. Weld the four corner stanchions under frame to drg. No. WD-07001-S/10.
 - f. After completing the body assembly, provide top corner gusseting as per RDSO Drg. No. WD-07001-S/10. The tolerance on inside dimensions of wagon and on other dimensions shall be as per Appendix – I of G-72 (Revision 3) or latest.
 - g. Modified doors of IRSM-44 to be fitted and ensure for proper opening and locking of the doors.

ii Lock Bolting:

Entire lock bolting is to be done with zinc plated/galvanized lock bolts (conforming to RDSO “guidelines for Product/ Vendor development of Lock bolts & Collars on freight stock on IR” (Drawing No. WD-11036-S-01& WD-11036-S-02). A list of lock bolts required for the work of up gradation is as under:

S. No	Locations	Existing Dia. Of Rivet	Proposed Dia. Of lock bolt	Qty./ Wagon	Grip	Grip range (App.)	Drawing Nos.
1.	Side stanchion with sole bar outer	12	½” (12.7)	180	23	19.05-25.4	WD-07001-S-09
2.	Standard plate with sole bar	10	½” (12.7)	4	28	25.4-31.75	W/ML-7 & 14
3.	Door hinge foot with sole bar	16	5/8” (15.9)	24	37.15	31.75-38.1	WD-09034-S-07 WD-07001-S-05
4.	End stanchion with head stock	20	½” (12.7)	32	19	19.05-25.4	WD-07001-S-11
5.	Corner stanchion with sole bar	20	¾” (19.1)	12	19	19.05-25.4	WD-07001-S-11

6.	Corner stanchion with head stock	20	¾" (19.1)	12	23	19.05-25.4	WD-07001-S-11
7.	Door check spring with sole bar	20	¾" (19.1)	8	36.15	31.75-38.1	W/DW-305A WD-07001-S-05
8.	Centre Pivot top with Under frame	22	7/8" (22.2)	8	56	50.8-57.15 (30%) 57.15-63.5 (70%)	WD-92058-S-6
Summary:		1/2" Size:				216 Nos.	
		3/4" Size				40 Nos.	
		7/8" Size				08 Nos.	
		5/8" Size				48 Nos	
		Total				312 Nos.	
Add 5% in each category as contingency		Grand Total				328 Nos.	

Note: Tenderers shall follow the relevant RDSO drawings and specifications for actual requirement of material and their quantity for execution of work. Above list and its quantities are indicative and for guidance only.

iii Proper Installation of lock bolts: -

It should be ensured that:

- a. The collars of lock bolts are completely swaged. The collar of lock bolt fasteners not completely swaged may be causes of improper tool operation or worn anvil in nose.
- b. The pintail of fastener break without fail. The pintail of fastener fails to break due to improper installation/incorrect fasteners.
- c. After breaking of pintail, the extruded/projected portion of lock bolt should be in the range of 2.00 to 10 mm and collar should always be on annular groove of lock bolt.
- d. Mismatch of holes to be reamed properly to align and gas cutting to match holes is strictly prohibited.

iv Welding Instructions:

Welding Instructions during welding (Ref-G-72 rev-3 Corrigendum 1)

- i. Welding shall be done in down hand position only by trained welders. In case when down hand welding is not possible horizontal or vertical position will be done by using fixture to reduce distortion during welding & to ensure proper welding position for welding operator.
- ii. The surface to be welded shall be cleaned prior to welding to remove rust, scales. Paint, oil or grease by wire brushing or suitable manual cleaning.
- iii. Proper welding sequence should be followed to reduce internal stresses & hence, to reduce warp age of structure.
- iv. For all fillet & butt welding, root run should be complete by lower dia. (3.15/4.00mm) electrode followed by higher dia. (5.0 mm) electrode.
- v. To ensure sound fit up, minimum amount of tack welding will be provided. Tack weld shall be 4 times the parent material thickness & equal in quality to the finished welding.
- vi. All slag & flux to be removed before applying subsequence run-pass.
- vii. Electrode/wire and flux shall be heated as recommended by the manufacturer.

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- viii. The current & voltage range shall be as recommended by the manufacturer of the electrode/wire.
- ix. All defects like porosity, cracks & blow holes etc that appear on the weld surface shall be removed by grinding, gauging or chipping & re-welding. Subsequence pass will be applied only when the earlier pass is free of all defects.
- x. After welding the grooved side, the other side will be gauged by chipping to clean off all slag and flux & one of welding will be given.
- xi. Extension plate at the beginning & end of butt joint shall be provided whenever possible.
- xii. Fillets welds terminating at the ends or sides of parts or member should be retuned continuously around the corner for a distance of not less than the leg length of the weld.
- xiii. Standard gauge should be prepared for checking of filler metal thickness.
- xiv. The qualification requirement of welders to be deployed shall be in accordance with the qualifications mentioned in RB letter No.2025/M(W)1/814/6, dated-24.03.2025. The contractor shall submit the relevant documents for qualification of welders as per the said RB letter or latest before the commencement of work. The qualification of Welders engaged by contractor for welding activities must be as per Appendix-E.

6. PRECAUTIONS AND QUALITY REQUIREMENTS

The following points are to be considered before and after assembly of the wagons: -

- i. Ensure that under-frame is well cleaned and rust free.
- ii. After repairing the under-frame, its alignment, squareness and tolerances should be checked and maintained as described in Specification G-72 Rev-3(latest Amendment)
- iii. Ensure that consumable items used for different combinations of welded materials should be as detailed in G-72.
- iv. All the welds shall be visually inspected. Any cracks, porosity, blow holes shall be repaired.
- v. Precautions must be taken by welder to control moisture content, where high humidity exists. The electrodes shall be taken out from the drying oven as per the requirement of work, i.e. electrodes should not be taken out for work in bulk.
- vi. The existing holes of rivets at head stock location should be plugged before drilling the new one for end stanchions.
- vii. Ensure that painting of under frame is carried out as explained in para 11.2 of G-72, Rev.-3 (latest Amendment).

7. HANDLING OF BODY SIDE WALL, END WALL AND FLAP DOOR:

For handling, following precautions are to be taken during packing of body side wall, end wall and flap door:-

- i. Drill 1" (25 mm) dia holes on each end on top coping of side wall and end wall on top face middle and use eye bolts as per IS:4190 along with solid threaded block for lifting purpose as per Annexure-I of RDSO Specification WD-16-BOXNR-2010 (Rev-2) Amendment -1. Each side, end wall requires two solid threaded block with eye bolt for lifting each assembly.
- ii. To prevent damage to corners of walls, all the four corners of Side and End walls during handling should be well covered by 100 X 10 X 25mm thick wooden pieces before lifting of walls.
- iii. As the overall length of side/end stanchion is larger than the vertical height of side/end wall, the bottom portion of stanchion, to be joined shall always be projecting beyond end/side walls. During handling of end wall/ side wall, care must be taken to avoid any damage to bottom portion of side stanchion to be joined with sole bar, by covering with gunny bag filled with suitable cushioning material.
- iv. If walls are stacked one on other or side by side, be sure that suitable packings are provided to avoid tilting, damage etc.
- v. Side wall and end walls should not be stacked together.

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

8. PAINTING AND FINISHING:

i. Body (IRSM-44) & Underframe:

- a. Degrease with petroleum hydrocarbon solvent to IS:1745-78 (or latest), low aromatic grade 145/205 or any other degreaser (suitable for IS:2062/IRSM-44).
- b. Surface preparation:- Clean the parts to achieve surface finish to Min. St3 as per IS 9954:1981 (or latest) and clean the surface by using compressed air or any other suitable means like brush etc. Apply one coat of Etch primer to IS: 5666-70 (or latest) to minimum DFT of 10 microns and air dry.
- c. Apply two coats of R/M Red Oxide Zinc Chromate primer to IS: 2074-92 (or latest) to a minimum DFT of 25 microns per coat.
- d. In compliance with the Rly. Board's letter no. 94/M(N)/951/27 Pt. dated:17.10.2018 color scheme shall be Gentian Blue(RAL 5010) M&C/PCN/109-2009. The color scheme shall be in accordance with the latest instructions.

ii. The painting of replaced couplers shall be as given in para 11.2.5 & 11.2.6 of G 72 Rev-3 (Latest Amendment).

iii. Precautions before and after painting shall be observed as detailed in para 11.2.2, 11.2.3 and 11.2.4 & 11.2.6 of G 72, Rev. 3 (latest Amendment).

iv. General Guidelines for ensuring quality during up-gradation using Stainless Steel Body (IRS: M 44 – 97)

A. Steps to be taken in work area while dealing with IRS: Steels.

- a. It should not be contaminated by contact with mild steel or alloy steel during the fabrication process.
- b. All sources of carbon contamination should be eliminated e.g. varnish, paint, wax marking pencils, etc.
- c. Identification markings, usually written on the plate, must be removed from the weld area.
- d. When carbon steel lifting lugs are used for handling heavy components, IRS:M44 pads should be used between the lugs and the component. (This prevents dilution of the IRS:M44 and carbon pick up, both of which cause deterioration in the mechanical and corrosion properties of the steel)
- e. Oil or greases deposits on, or near a weld joint should be removed using suitable degreasing agents as otherwise they can cause weld related problems.
- f. Prevent carryover of mild steel grinding swarf onto IRS:M 44 as otherwise it can cause significant discolouration and under some conditions, loss of corrosion resistance.
- g. Before using guillotines, bending brakes etc, the equipment should be wiped clean of any adhering mild steel particles.

Most of these potential contamination problems can be avoided if separate work areas for IRSM:44 exist that is remote from those used for mild steel.

B. Precautions to be taken in storage of IRS: M 44 steels

- a. IRS:M 44 should be stored in a dry area, separate from carbon steels.
- b. The storage racks used should be made of IRS:M 44 or wood.
- c. Prevent accumulation of dirt, dust and greasy deposits on the IRSM: 44's surface as otherwise it will prevent oxygen from ensuring the integrity of the protective film beneath the deposit and localized staining can take place after lengthy shielding from the air.

- d. Grinding tools, stainless steel wire brushes and other tools and equipments used for IRS:M 44 should be stored separately to avoid mild steel contamination. Marking inks free of chlorides, lead and sulphur should only be used.

9. MARKING OF WAGONS:

The marking of the wagon shall be done as per RDSO Drg. No. WD- 07001-S/12 and wagon old number to be retained thereon.

10. Procurement of Stainless steel, CRF section, Side wall, End wall, flap door and Inspection:

- i. CRF sections to be used for the work shall be as per RDSO Spec. No. WD-01-CRF-12 Rev1 or latest. Procurement shall be done from the RDSO approved vendors. Inspection shall be as per the norms followed in RDSO approved vendor items.
 - ii. Body side wall, End Wall and Flap door for this work of BOXNR wagons shall be procured as from the RDSO approved vendors. Inspection shall be as per the norms followed in RDSO approved vendor items.
 - iii. Other Stainless steel (IRSM-44) and Mild steel (IS: 2062 E 450 etc.) shall be procured from ISP or vendors of repute. In case of procurement by ISP, third party inspection shall not be required. The purchase document and test certificate of ISP shall suffice the requirement. In case of procurement from other sources, material shall be inspected by RITES **for conformance** to IS specification of the **material composition**.
 - iv. **For other Finished items made of steel:** Final inspection to be done by railway representative on sampling basis drawn jointly with the contractor.
 - v. The necessary inspection charges to RITES or RDSO or Lab testing charges etc as applicable shall be borne by the contractor. Valuation of materials for inspection will be as per the details of purchase order placed by the contractor on their vendor.
- 11. Inspection of Work:** Stage wise inspection of fitment & assembly work and final inspection of the complete wagon will be done by the Railway. The contractor will provide all the facilities to the inspecting officer. Inspection of each stage of work shall be carried out by the nominated inspecting officer of Railways. Wagon detained on account of poor workmanship if found during inspection, penalty against detention more than cycle time , penalty will be levied **as per para - 21(3)**.
- 12. Machinery & Plant:** No machine, road crane, plant, tooling, consumables will be supplied by Railway for this work except EOT if available. Contractor shall have to arrange all materials, road crane, machines, tooling and consumables for this work as per the specification of the Railway and as laid down in this contract.
- 13.** Railway will provide electricity on payment basis as per Railway norms. For taking electrical supply from Railway, contractor shall apply to Sr. DEE/RS&G/R duly indicating details of machine and their load. Necessary security deposit shall be submitted by contractor in lieu of electrical connection with Electrical Department of Railways. Proper records should be kept as evidence to avoid dispute regarding electrical connection. In case of non-availability of electricity, Contractor will have to deploy his own generator temporarily for that period for maintaining continuity of work. A tentative list of numbers of Machines, Plants and Tooling items to be deployed for this work are indicated in **Annexure-ii**. The list provided is indicative and for guidance only. Contractor shall arrange Machines, Plants and Tools as per their requirement to complete the work as per the delivery schedule.
- 14. Deployment of Qualified Engineers at Work Sites by the contractor.**
Qualified Engineers or Diploma Engineers are to be deployed for the work as under:
- a. One qualified Graduate Engineer when cost of work to be executed is Rs. 200 lakh and above, and
 - b. One qualified Diploma Holder Engineer when cost of work to be executed is more than 25 lakh, but less than Rs. 200 lakh.
- Further, In case the contractors fails to employ the Qualified Engineer as aforesaid, he, contractors shall be liable to pay an amount of Rs. 40,000/- and Rs. 25,000/- for each month

or part thereof for the default period for the provisions as contained above (Ref: Railway Board letter no. 2012/CE-I/CT/O/20 dated 10.05.2013).

15. Deployment of Personnel

- i The Contractor shall furnish complete details of the personnel to be deployed with supervisor(s) giving the working timings. The name/list of all the employees along with supervisor should be submitted to Sr. DME(Frt)/BIA or his authorized representative before starting the actual work. Completion of work within contractual period is the essence of a contract. Contractor may work round the clock to complete the work in time by suitable deployment of man-power.
- ii The contractor should issue identity badges/cards to all his Labour engaged to carry out the work, including the supervisor having proforma as given by Railways. These identity badges/cards should be so carried that they can be identified by Railway Security/Workshop staff and supervisors. The identify badges/cards should be worn by contractor Labour on left on the chest at the place of work or during their presence on Railway Premises.
- iii All direct or indirect costs and obligations pertaining to employment of specialized manpower and equipment shall be borne by the contractor.

16. Personal Protective Equipment (PPE's)

Following safety gears will be supplied by the contractor to their staff to carry out the work and no additional charges will be claimed the same: -

SN	Tools	Minimum requirement /welder & fitter
1.	Frame goggles for eye protection	1
2.	Glass tinted welder's eye	1
3.	Hand gloves LH/RH	1 pair
4.	Safety helmet	1
5.	Apron for mild impact	1
6	Safety shoes	1 pair

17. Uniform- Contractor has to provide Set of Uniform (Shirt + Trousers) with distinguished logo.

18. Measurement Book (M.B.): Nominated officer of Sr. DME (Frt)/BIA will operate the M.B. (to be kept with him only) by visiting the work site and note the progress of work periodically. Tenderer may follow drawing and specifications for actual requirement for execution of the work. The Contractor should supply materials accordingly.

M.B. shall be signed jointly by contractor and nominated officer of Sr. DME(Frt)/BIA. After receipt and certification of the items & raw materials by the Railways the same will be inspected and accounted for and recorded in DMTR as per standard format by the Railways. Those inspected items & raw materials will thereafter be issued & handed over to the contractor for execution of work. Railways in no way stand responsible for theft or missing of those materials. Contractor has to arrange for its security. Railways will provide sufficient ground space to stock those materials.

19. Housekeeping :

- i. The work is to be carried out on nominated railway lines within the railway premises and therefore every precaution shall be taken by the contractor to protect the Labour, materials, tracks and rolling stocks. Contractor should adhere to all safety rules pertaining to railway working in yards/workshop/maintenance sheds, like putting stop board, clamping points etc.
- ii. The railways shall provide space for the subject work. Railway however does not guarantee availability of protected storage space or office space for contractors use. However locking facilities if available at the site can be spared to the contractor for his office and storage of materials. Contractor shall liaise with railway for getting these facilities if available. The contractor should arrange round the clock guarding and security of its materials and machines etc kept at the work site. Railways are not responsible for any loss of material or stores or machines belonging to the contractor kept at the worksite for this work.
- iii. The contractor should ensure that the work site is kept free of scraps and litters to enable proper inspection and execution of work. It should ensure compliance of safety procedures in working to prevent personal injury and loss of railway property.
- iv. Steel items (processed from raw materials) shall be supplied at site in cut to sizes or in assembled form to the maximum possible as per drawing and specification to avoid wastages and fresh generation of scrap at site. The contractor shall maintain a traceability register for cut to size items from raw the procurement and inspection stage.
- v. The actual/physically released material along with contractor's scrap generated at site during fabrication, assembly and fitment work etc. should be removed from the site on the daily basis and kept at a nominated place as decided by Railway authority. Contractor shall keep the released materials in lot of 5 wagon/10 wagon sets at the nominated place
- vi. The entire work area including the railway track shall be kept free of any obstruction by the contractor, for placement of wagons for renewal as well as removal of wagons after renewal.
- vii. The contractor should ensure proper housekeeping and cleaning of its workplace on daily basis so that the work site is kept free of scraps and litters to enable proper inspection of work. It should ensure compliance of safety procedures in working to prevent personal injury and loss of railway property.
- viii. The actual/physically released material along with contractor's scrap generated at site during fabrication, assembly and fitment work etc. should be removed from the site on the daily basis and kept at a nominated place as decided by Railway authority.
- ix. Released Material shall be Stacked by the contractor at nominated place. All kinds of scrap including fresh scrap and left over material will be considered as railway property if it is a part of wagon. All collected scrap is to be disposed by contractor on weekly basis by its own means otherwise penalty will be imposed as per penalty clause.

20. Released Material:

The released materials from the work shall be the property of Railway for further disposal.

21. Schedule of delivery/completion of Rehabilitated BOXN wagon:

- i Completion period of **400 wagons is 18 (eighteen)** months from the date of issue of LOA.
- ii The contractor shall take-over wagons to be rehabilitated from the nominated officer/ representative of railway at working site and hand over the same after completion of the work to the nominated officer/representative of railway. To and fro movement of the wagons at site will be arranged by the Railway.
- iii Contractor should liaise with concerned Railway officials for timely placement of wagons identified by Railway for such work at site and for drawing out of wagons after repair from the worksite. The Contractor shall also keep a representative during execution of work for liaison. He shall liaise with concerned Railway officer/supervisor for any instruction, clarification etc. He should carry mobile phone at all times, the number of which shall be given to Railway Administration and site in-charge.

- iv Contractor should commence work and take-over wagons for execution of work within **60 days** from issue of LOA. During the intervening period mobilization of materials, M&Ps, T&P items and Electrical connection should be finalized and put in place. Failure to commence work and take-over wagons within stipulated period will be penalized as per Penalty clause.
- v The contractor should deliver outturn as under:
 - a. **Minimum 30 wagons** per month w.e.f. 61st day from the date of issue of LOA.
 - b. **Months** shall be counted w.e.f. **61st day from the date of issue of LOA**. Shortfall of outturn in initial months shall be made good within first **60 Days** from the date of issue of LOA. Failure in giving outturn per month beyond this time limit shall be penalized as per Penalty clause.
 - c. Contractor should target outturn of maximum wagons over and above the minimum quantity mentioned above. Contractor should intimate Railway at least 15 days in advance for additional wagon placement for maximum outturn. This is subject to availability of wagons and railway will confirm same to the contractor.

22. Penalty:

The Schedule of delivery/completion of Rehabilitated BOXN wagon defined is to facilitate regular flow of work, optimum space utilization of work site, housekeeping and to deliver the outturn stipulated. This is also to provide opportunity of making good the shortfall due to exigencies during the intervening period.

Sl. No.	Description	Penalty
1.	Failure to commence work w.e.f. 61 ST day from the date of issue of LOA	Rs.5,000/- per day
2.	After completion of the mobilization period of 60 days from the date of issuance of the Letter of Acceptance (LOA), the contractor shall achieve an outturn of minimum @30 wagons per month. In case the firm fails to achieve the stipulated outturn of minimum 30 wagons per month	Rs. 2,000/- per wagon shall be imposed for the shortfall in that month.
3.	Work cycle time: - The maximum cycle time for each wagon from the date of offering to the contractor shall be 9 working days. In case of detention of wagon by more than the maximum cycle time of 9 days, a penalty for wagon detention on contractor's account.	Rs. 2000/- per wagons per day after completion of 9th day. No penalty will be levied in case of detention on the part of Railways.
4.	Poor workmanship and if detailed more than the prescribed cycle time additional penalty will be imposed as per penalty clause (3).	Rs.1000/- per case per occasion
5.	In case of any damage to the Railway property due to rough handling in the course of attention of repairs or fire on contractors' fault,	The cost of damage will be recovered as per the extent of damage assessed by the respective Depot In-charge
6.	Failure to deploy a skilled welder as stipulated under Tender Condition Para 5-iv-xiv of Part-I .	Rs. 200/- per welder per day.

Sl. No.	Description	Penalty
7.	If any staff found consuming alcohol during working period	Rs.2000/- per staff per day and the said staff must be suspended from that day and new staff must be engaged by the contractor from next day. If same staff will continue then a penalty of Rs.1000/-per day per staff will be imposed.
8.	If any abnormality found during inspection of Railway officers	Rs. 5000/- per occasion.
9.	Contractor must issue an identity card as per Annexure – D , Police verification as per Annexure – L and medical fitness from registered MBBS to their staff.	Rs.100 per staff per day.
10.	In case of any contractual staff (labour, supervisor) found not wearing PPEs.	Rs.100/- per staff per day.
11.	Non disposal of scrap to the nominated place on the same day.	Rs. 1000/- per day.
12.	Any Misbehavior/misconduct by contractor staff is highly undesirable and such incidents if reported.	Rs. 5000/- for each occasion. In addition to that, contractor needs to replace the staff, if not replaced after such instructions; a penalty of Rs. 1000/- per day shall be imposed.
13.	For non-compliance of any other conditions of the tender not mentioned in Tender Document.	Rs 1000/- per occasion.

Note:

1. The decision of Senior Divisional Mechanical Engineer (Frt) /BIA/ SECR regarding the imposition of penalties and waivers shall be final and binding on the contractor.
2. There shall also be liquidated damages for extension of time for stipulated contract period as decided by competent authority. But sum total of liquidated damages and penalties under this clause shall not exceed the stipulated maximum limit under GCC- April-2022.
3. Penalties under the clause will not be applicable to the extent (period), where Railway is unable to provide work site or wagons proportionate to the stipulated delivery schedule or conditions under “Force Majeure” Clause of the GCC- April-2022.
4. For determining availability/non-availability of wagons for offering by Railway, records of communication for “Demand of wagons and Handing-over/Taking-over of wagons” shall be properly maintained both by Contractor and the representative of Railway. Contractor shall get the communication acknowledged within seven days about non-availability of work site/wagons for offering from the representative of Railway for this purpose. In absence of timely acknowledged document, it will be treated that Railway has offered the work site/wagons to the Contractor in time.
5. Penalties will be deducted from the running bills. In case of no running bills, deduction shall be recovered from PG and or SD/EMD.
6. Decision of Sr. DME(Frt)/BIA or his representative, based on the records of communication for determining non-availability of work site and wagons to the Contractor for this work shall be final.

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

23. Terms of Payment:

1. Payment against bills shall be released only for completed Up graded and Rehabilitated wagon, subject to the satisfaction and certification of the Railway representative/Supervisor in charge. The Railway shall prepare on account contract certificate based on the wagons completed in a particular month in the first week of the flowing month.
2. The contractor shall submit invoice duly including applicable GST to railways for processing payments for the particular month promptly. Thereafter, invoice should be processed for necessary payment within a week.
3. Payment will be arranged in the form of NEFT /RTGS by Sr. DFM/R against the bills prepared as per MB.
4. All the taxes along with GST and levies like Income tax, Trade tax, if any, shall be deducted from the bills as per extant rules.
5. Contractor should give current bank account number, GSTIN no., PAN number, MICR code of payment etc.

24. Bill passing authority:

Bill passing authority - Sr. DME (Frt)/BIA or his authorized representative.
Bill paying authority - Sr DFM /Raipur

25. Insurance: The contractor shall obtain insurance policies to carry the transit risk. A suitable clause in the policy of insurance shall be incorporated by the contractor to make the President of India, acting through P.F.A./S.E.C Railway/Bilaspur as the beneficiary in the insurance policies.

26. Consignee: The consignee will be Sr. DME(Frt)/BIA or his nominated officer for works to be executed at Bhilai Complex.

27. Warranty / Guarantee: **Six months from the date of up-gradation and rehabilitation work on wagons.**

4. Implementation of latest Drawings & Specifications:

- i. Any specification or drawing (whether mentioned with or without latest revision/corrigendum/alteration), wherever used in this document, shall mean including latest revision/corrigendum/alteration/amendment, if any available.
- ii. All work as required in wagon shall be done as per latest instructions/ guidelines/ specifications/drawings issued by Railways for the purpose. Any alteration/ modification/ amendment, if issued for such instructions/ guidelines/ specifications/ drawings, shall be applicable and should be followed accordingly.
- iii. It will be the liability of Contractor to ensure the availability of latest instructions/guidelines/specifications/drawings and its implementation in wagon repair. However, Railway will keep informing about updates if any.

5. Terms and condition: -

- i. For expeditious completion of work, it is required to deploy adequate manpower in such a manner that minimum 30 wagons might be fully completed in a month.
- ii. Contractor has to carry out the cutting activities carefully so that body members are not damaged specially during rivet cutting in some wagons and under frame members during floor cutting.
- iii. The contractor shall make his own arrangement for all tools, plants, machineries and consumables, including spare parts, fuel and consumable stores to ensure efficient and methodical execution of the work. The quoted rate shall be deemed to be inclusive of all charges for such items.
- iv. Railway is not liable for any loss or theft for the contractor's materials, tools & plants,

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South East Central Railway, Raipur
For and on behalf of President of India

- machineries and consumables. Contractor has to safeguard his own material at his own arrangement and cost. No compensation will be paid on this account. Railway will provide only space.
- v. The contractor shall provide qualified manpower who possess the required experience and skill in gas cutting, fitment, welding & painting work.
 - vi. It will be the responsibility of the contractor for the personal safety of the workmen employed by him during the course of the execution of the work as per factory act 1948. If any accident occurs, the contractor shall be liable to pay the compensation as per Workmen's Compensation Act 1923.
 - vii. The work is to be carried out on nominated line or lines and therefore every precaution shall be taken by the contractor to protect the Labour, materials, tracks and rolling stocks. Contractor should adhere to all safety rules pertaining to railway working at site like putting stop board, clamping points etc. The contractor shall follow all the safety rules as per factory acts and instructions issued by the factory manager and/or safety officer.
 - viii. The contractor has to make all necessary arrangements for carrying out the work smoothly and safely.
 - ix. The contractor shall ensure proper earthing, return lead during welding.
 - x. Any other minor changes at the time of execution of the work are to be undertaken by the Contractor as per direction of engineer in charge.
 - xi. The quality of work will be supervised & certified by the representative of the Railways.
 - xii. Nominated representative of Sr. DME/Frt/BIA shall inspect the Renewed wagons before these wagons are drawn out from the worksite and issue a completion/final inspection certificate with wagon number with the contractor as and when wagon is ready. He shall inspect the quality of work and specifically observe adherence to renewal procedure issued by RDSO with latest corrigendum and amendments.
 - xiii. Contractor shall also deploy one qualified graduate Engineer. In case the contractors fails to employ the qualified graduate Engineer as aforesaid, he, in terms of provisions of clause 26A of the General Condition of Contract, shall be liable to pay liquidated damages an amount of Rs. 40,000/- for each month or part thereof for the default period for the provisions as contained above. (Ref: Railway Board letter no. 2012/CE-I/CT/O/20 dated 10.05.2013.)

Signature of Tenderer (s)

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Annexure – i

**TENTATIVE LIST OF MATERIALS PER WAGON FOR UPGRADATION AND REHABILITATION OF
BOXN WAGONS**

Part 1:(A) ALLOY STEEL, STAINLESS STEEL, MILD STEEL ITEMS

SI No	Description of material	Specification / Drawing	Unit	Total Qty per wagon
1.	Cold Rolled Formed Section (Complete set for one BOXNR wagon)	WD-07064-S-01 (Alt – 9)	Full set	01
2.	Stainless Steel Flap Door	WD-09034-S-07 (Alt-07)	Nos.	02
3.	Body Side Wall	WD-07001-S/08(Alt-10)	Nos.	02
4.	Body End Wall	WD-07001-S/10(Alt-9)	Nos.	02
5.	High Tensile Non-Transition Coupler	WD-70-BD-2010(Rev-3)	Nos.	02
6.	Stainless Steel Plate 4 mm thick	IRS:M44	kg	994
7.	M.S. plate 8 mm thick	IS:2062 E 250 A with Cu	kg	150
8.	M.S. plate 10 mm thick	IS:2062 E 250 A with Cu	Kg	213
9.	ISA-75X75X8 mm	IS:2062 E 250 A with Cu	Kg	127
10.	ISMC-100	IS:2062 E 250 A with Cu	Kg	383
11.	Lock bolts as per RDSO specification WD-16-BOXNR-2010(Rev-1)	WD-11036-S-01 & WD-11036-S-02	Set	01
12.	16 mm Dia MS rod	IS:2062	kg	22
13.	20 mm Dia pipe heavy IS: 1239 Part-I	IS: 1239 Part-I Heavy	Meter	12

Part 1:(B) REQUIREMENT OF MATERIAL FOR ONE UNIT OF SOLE BAR

SI No	Description of material	Specification / Drawing	Unit	Weight Per Unitin KG.
1	ISMC 250 with 9 web (for solebar)	IS:2062 E 250 A with Cu	No.	391

Part 2: TENTATIVE LIST FOR NON-STEEL & CONSUMABLE ITEMS PER WAGON

SI No	Description of material	Material to be procured from	Unit	Total Qty per wagon
1.	Red oxide	RDSO Approved Firms	Ltr.	16
2.	Paint Gentian blue	RDSO Approved Firms	Ltr.	25
3.	DA Gas	Any source	Cum	18
4.	Oxygen gas	Any source	Cum	45

Note: Tenderers shall follow the relevant RDSO drawings and specifications for actual requirement of material and their quantity for execution of work. Above list and its quantities are indicative and for guidance only. All material for the work shall be supplied by the contractor as per requirement to complete the individual wagon.

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

Annexure- ii

List of Minimum M&P and Tooling Required for the project.			
S.N.	Name of the Machines and Tools	Qty	Specifications
1	Pneumatic Chipper	8	Shall be of reputed make like Chicago Pneumatic, Atlas Copco etc.
2	Huck Bolting Machine	2	Of reputed Make
3	Pneumatic Hand Held Drill Machine	8	Of reputed Make like CP, Atlas COPCO capable of drilling 25mm dia hole on 10mm MS plated.
4	Sling 15T	8	Branded, reliable and durable Nylon or Steel Slings of 15 T Capacity.
5	Sling 10 T	8	Branded, reliable and durable Nylon or Steel Slings of 10 T Capacity.
6	Diesel/Electric Driven Air Compressor	1	Shall be of reputed make like Chicago Pneumatic, Kirloskar, Atlas COPCO, Elgi etc to the following minimum specification with rotary compressor capable of delivering minimum 7Kg/Cm Sq at 8 cubic meter per min.
7	Electric Welding Plant MIG/CO ₂ 400 Amps with all MIG and CO ₂ welding accessories	15	Electric Arc MIG/CO ₂ Welding Plants, thyristors or IGBT based shall be or reputed brand like Advani Oerlikon, ESSAB with following minimum operational specification or better. Operating Amps 400 at 60% duty cycle, 10-400 Amps output range with power source wire feeder with remote control, TIG torch and CO ₂ regulators and gas pre-heater.
8	Piller Drill Machine	1	Of reputed Make
9	Trestle	12	Of reputed Make and reliable
10	Road mobile Crane	2	15 Ton capacity
11	Computer	02	01 No. New Laptop + 01 No. New Desktop computer along with 02 UPS and 01 Laser printer will have to be provided by Contractor to Railways for maintaining the records/Making Entry in FMM. The computers / laptop should have Latest specification (Window 11/ intel i-5 or i7, 13th generation or higher/Min. 8GB RAM/Min. 512 GB SSD/Min. 27-inch LED screen (Desktop) and 13"-15" (Laptop) of reputed Brand similar to HP/DELL/Lenovo etc.) for the above work. After completion of work computers and Laptop, printer, UPS shall be handover to Railway free of cost.

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

12	Furniture	01 set	01 Office table, 01 revolving chair, 02 visitor chair will be provided by the contractor to railways. After completion of work these items shall be handover to Railway store free of cost.
13	Portable Cabin (Lift/Shift Type)	02	<p>6. Portable Cabin (Lift/Shift Type) of size 30'-0" x 12'-0" x 9'-2" (Height) complete with main door, windows with safety grills, internal electrical fittings, fans, air-conditioner/cooler, etc., for use as the Contractor's Site Office.</p> <p>7. Portable Cabin (Lift/Shift Type) of size 30'-0" x 12'-0" x 9'-2" (Height) complete with main door only, for use as a storage room for valuable materials and plants & machinery (M&P), welding electrodes, welding machines with guns, lock bolts, and other related equipment.</p>
14	Stationary		All the stationary required for the work are to be supplied by the contractor in the format prescribed by the Railway representative. (All format should be supply in advance).
15	CCTV camera		The contractor should arrange round the clock guarding and security of its materials and machines etc. kept at the work site. Railway shall not be responsible for any loss of material or stores belonging to the contractor kept at the worksite for this work. Contractor shall install IP base CCTV camera for close monitoring of work as well as material having backup of minimum 30 days. Access of IP of camera shall be given to Railway.

Note:

1. The above list is indicative and for guidance only. Contractor must make his own arrangement as per the work requirement.
2. The tenderer should visit the site and acquaint himself with site conditions, availability of water, electricity, approach roads etc.as per specifications, since these are to be provided / arranged by the tenderer at his own cost.
3. The Railway will, at his discretion and convenience based on availability for the duration of the execution of the work, may make available, space for construction of contractor's field office, Store, fabrication shop etc. required for the execution of the contract.
4. . But the Railway reserves the right to ask the Contractor any time during the pendency of the contract to vacate the land by giving 15days notice on security reasons or on material interest otherwise.

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

Part-II

SPECIAL TERMS & CONDITIONS OF CONTRACT

1. The work may be carried out round the clock, 7 days a week in open in all-weather condition. In case of any change in the timings, permission shall be taken from Sr. DME/Frt/BIA.
2. The staff deployed should be capable of attending all the body repairs, so as to make the wagon fit as per schedule.
3. Time of start of repair of wagons will be same as time of pre-inspection by authorized railway representative and time of completion of repair will be determined from time of offer for final inspection by contractor, if found complete to the satisfaction of nominated railway representative.
4. Each wagon offered by the Railway for repair shall be pre-inspected jointly by the authorized representative of Sr. DME/Frt/BIA and representative of the contractor, who will mark the area to be repaired in the pre-inspection sheet. It will have particulars, like- Wagon number, date of inspection, date and time handed over for repair and signature of the authorized representative.
5. The repair shall be carried out as per the procedure given under the Scope of Work.
6. Measurement of the work will be done by authorized railway representative of Sr. DME/Frt/BIA
7. Post repair inspection shall be carried out by authorized representative of Sr. DME/Frt/BIA.
8. The contractor shall adhere to the quality standard acceptable to authorized representative of Sr. DME/Frt/BIA, and only those works passed by the authorized representative of Sr. DME/Frt/BIA shall qualify for payment.
9. Defective/rejected repair work will have to be re-done by contract or at their cost.
10. The contractor shall provide identity card as per prescribed format as per Railway **board letter E(G)2025/Misc/4/ID Card Dated 03.07.2025** to all those employees deputed to work who shall carry out the said work. The ID card shall carry the photograph, name, Aadhar Card No, father's name, address, contact no. etc. The contractors name, address and contact no. shall also be printed on the back side of the identity card. The representative of Sr. DME/Frt/BIA shall inform RPF authority regarding the contractor's employee deputed to work inside the Depot/Yard premises as per the said bio-data. Those employees carrying proper identity card, details of which have been submitted to representative of Sr. DME/Frt/BIA will be only allowed to work inside the Depot/Yard premises.
11. The contractor shall not allow anybody to use the premises for any purpose other than that is permitted under the contract.
12. The contractor shall provide safety equipment, industrial helmet and safety shoes to all the employees and shall ensure the use of the same by his staff while on duty.
13. The contractor shall follow the instructions of representative of Sr. DME/Frt/BIA in execution of the services.
14. The stationery required for maintaining the daily formats and other registers are to be supplied by the contractor.
15. Sufficient stock of material on site should be ensured by the contractor.
16. Contractor will be responsible for safety & security of stores/ stored material to be used for repair of wagons.
17. In case wagons are not offered due to unforeseen circumstances contractor will have no

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Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

claim for compensatory payment.

18. The Contractor must provide and install ten (10) numbers of ABC Dry Powder Type Fire Extinguishers conforming to the latest applicable ISI/BIS standards and specifications at work site. All fire extinguishers shall be securely wall-mounted using suitable mounting brackets at an easily accessible height, generally not exceeding 1.5 meters from floor level to the top of the extinguisher. The extinguishers shall be placed in clearly visible locations with unobstructed access at all times.

The Contractor shall be responsible for conducting routine inspections and maintenance checks, including verification of pressure gauge readings to ensure that the indicator needle remains within the **"Green" operating zone**. The Contractor shall also perform physical condition checks to identify any signs of damage, corrosion, leakage, tampering, or other defects. Inspection tags shall be updated after each inspection, indicating the date of inspection, status of the extinguisher, and the signature or identification of the inspecting personnel.

19. Matter in question of dispute and differences to be arbitrated shall be dealt as per all relevant Clauses 63&64 of Standard General Conditions of Contract (April-2022).
20. Irreversible damage to the wagon caused by careless working or improper working procedure by the contractor staff or bad quality work which could not pass final inspection even after repeated repair attention by contractor shall attract penalty as specified under **para 24 (Damage to Railway Property or Private Life &Property) of Standard General Conditions of Contract (April-2022)**.

21. **OPTION FOR PAYMENT THROUGH LETTER OF CREDIT :**

The tenderer /contractor has an option to take payment from Railway through a Letter of Credit (LC) arrangement, Modalities of the same will be as per Railway Board Letter No. 2018/CE-I/CT/9, dated:04.06.2018.

Signature of Tenderer(s)

PART - II
GENERAL CONDITIONS & INSTRUCTIONS TO TENDERER

SPECIAL NOTE 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 Bhilai Complex 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 complied by the bidder. Bidder, also, may submit the documents regarding such above mentioned conditions.

1. GENERAL INSTRUCTIONS TO TENDERER.

- 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 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. OTHER TERMS & CONDITIONS:-

2.1 BID SECURITY - The tenderer shall be required to submit the Bid Security of Rs.

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

91,21,700 /- (Rs. Ninety-One Seven Lakh Twenty-One Thousand Seven hundred only) With the tender For the due performance with the stipulation to keep the offer open till such date as specified intender as per clause 5 of part-I of GCC of April 2022.

2.2 PERFORMANCE GUARANTEE - As per clause no. 16(4) of part-II of GCC April 2022 & as per its latest correction slip no. 11. PG is to be prepared by the contractor in favor of “**FA & CO, SECR, Bilaspur**”.

2.3 SECURITY DEPOSIT - As per clause no. 16(1),16(2) & 16(3) of part-II of GCC April 2022.

2.4 VERIFICATION OF TENDERER'S CREDENTIALS: -

- Bidder has to confirm and certify the conditions (which covers the Annexure V of GCC April 2022) 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 PRICE VARIATION CLAUSE: Price Variation Clause (PVC) shall be governed as per clause no. 46A of part-II of GCC April 2022.

2.6 The formats of various legal documents have been duly approved by the Railway Board and have also been legally vetted by SEC Railway. The prescribed formats of such documents {Bank Guarantee Bond, Power of Attorney (as applicable) etc.} have been uploaded along with the tender document in the Notice Inviting Tender (NIT).

The contractor/bidder shall mandatorily submit aforesaid documents strictly in the uploaded prescribed formats only. These formats are standardized and approved for use in such legal instruments

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

2.7 TAXES

The GST shall be as applicable as per extant 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.

2.8 INCOME TAX:

The Rly. 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.

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.

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 Sr. DME/Frt/BIA 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 of payment etc at work place.
- f. Contractor's labour must have prescribed identity card all the time during working hours as per **Annexure –D.**
- g. 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.
- h. The contractor shall be required to attend the office of Sr. DME/Frt/BIA, as and when required by the Executive Sr. DME/Frt/BIA, or his authorized representative.
 - 1) 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.
 - 2) The entire work area including the railway track shall be kept free of any obstruction by the contractor for fitment.
 - 3) The custody and safety of material before fitment is the responsibility of the contractor.

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

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: -

i. **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/annexures/statements except financial bid.

ii. **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, Bonus & Earned leave & all compliances relating to prevailing labours laws.

9 WAGES TO LABOUR :-As per General conditions of contract (GCC) April 2022 and its amendments till date.

10 PROVISIONS OF PAYMENT OF BONUS ACT 1965:- The Contractor shall comply with the provisions of payment of Bonus act 1965 and its amendments till date.

11 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.
- 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 confirm 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 Sr. DME/Frt/BIA 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.

12 JOINT VENTURE (JV) FIRMS – This clause is applicable for this tender as per GCC April 2022.

13 BID CAPACITY CLAUSE – This clause is applicable for this tender as per GCC April 2022. The tender/technical bid will be evaluated based on bid capacity formula detailed as **Annexure-VI (of GCC)**. So, Tenderer must submit the documents related to Bid Capacity.

14 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/9 Dt. 04.06.2018).

(i) For all the tenders having advertised cost of Rs.10 Lakh or above, the contractor shall have the

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

- 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) The LC shall be a sight LC.
 - (b) The contractor shall select his Advising/Negotiating bank for LC. The incidental cost towards issue of LC and its operation thereof shall be borne by the contractor.
 - (c) SBI, New Delhi, Main Branch will be the nodal branch for issue of LCs based on online requests received from Railway Accounts Units for tenders opened in financial year 2018-19. SBI branches where the respective Railway Accounts Office has its Account (Local SBI branch) will be the issuance/reimbursing branch for LC issued under this arrangement. The Bank shall remain same for this tender till completion of contract. The incidental cost @0.15% per annum of LC value, towards issue of LC and operation thereof shall be borne by the contractor and shall be recovered from his bills.
 - (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 Authorization (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 Authorization.
 - (h) The Document of Authorization shall be issued by Railway Accounts Office against each bill passed by Railways.
 - (i) On issuance of Document of Authorization, a copy of Document of Authorization shall be posted on IREPS for download by the contractor. A digitally signed copy of Document of Authorization shall also be sent by Railway Accounts Office to Railway's bank (Local SBI Branch).
 - (j) The contractor shall take print out of the Document of Authorization available on IREPS and present his claim to his bank (advising Bank) for necessary payments as per LC terms and conditions. The claim shall comprise of copy of Document of Authorization, Bill of Exchange and 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).

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frtr)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

- (m) The railway's bank (issuing bank) shall, after verifying the claim so received w.r.t. the digitally signed Document of Authorization received from Railway Accounts Office, release the payment to contractor's bank (advising bank) for crediting the same to contractor's account.
- (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.

15 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: -

- (a) Document regarding eligibility criteria (technical & financial)
- (b) Current and valid PAN.
- (c) Partnership Deed, if applicable.
- (d) Power of Attorney if applicable.
- (e) EPF registration.
- (f) ESI registration.
- (g) GST registration.
- (h) Firm's contact and Bank Details in the format given below in [Annexure-“C”](#).
- (i) Check list as mentioned on page no. 3 of Tender document.
- (j) Declaration form “A” as given on page no. 5 in tender document.
- (k) 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’](#).
- (l) 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’](#).
- (m) 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.
- (n) Format for certificate to be uploaded by tenderer along with the tender documents as given in Annexure-V(A) , if applicable.
- (o) **Format for Financial data in Annexure –M (MANDATORY)**
- (p) Any other document, the tenderers may like to submit in support of his credentials/scheme.
- (q) Format for similar nature work in Annexure – N with note.
- (r) If any deviation is quoted then upload deviation statement as per annexure-B.
- (s) **Documents regarding bid capacity as per Annexure-VI of GCC April 2022 (Mandatory).**
- (t) Certificate under preference to Make in India order Certificate as per annexure-P.
- (u) Declaration regarding Employment/ Partnership etc. of Retired Railway Employees as per **Annexure-Q.**
- (v) Statement of Works Executed /Completed by the bidder during Last Seven Years as per **Annexure-R**

Annexure A**SCHEDULE OF RATES & QUANTITIES****Financial Bid (Packet Two) SCHEDULE OF RATES**

This rate schedule should be strictly filled in financial rate page on IREPS website only. Rates and any other financial entity in any other form /letter head if attached by tenderer shall be straightaway ignored and shall not be considered.

Name of Work: Up-gradation and Rehabilitation of 400 BOXN Wagon
Schedule 'A'

Description	Estimated Unit Rate (Rs.) (Including 18% GST)	Qty.	Unit	Estimated Total Amount (Rs.) (Including @18% GST)
Cost of Up-gradation and Rehabilitation of BOXN Wagon	11,05,292.56	400	Wagon	44,21,17,024.00

Schedule 'B'

Description	Estimated Unit Rate (Rs.) (Including 18% GST)	Qty.	Unit	Estimated Total Amount (Rs.) (Including @18% GST)
Replacement of Sole Bar	27,844.67	400	Nos.	1,11,37,868.00

Schedule 'C'

Description	Estimated Unit Rate (Rs.) (Including 18% GST)	Qty.	Unit	Estimated Total Amount (Rs.) (Including @18% GST)
Replacement of Head stock (01 Set = 01 LH & 01 RH)	7072.22	400	Set	28,28,888.00

Note:**A. Rate:**

- Total value of the tender = **Schedule A + Schedule B + Schedule C = Rs. 45,60,83,780.00**
- The above rates are **inclusive of GST**.
- Tenderer has to comply GST as per extant rules.
- GST @ 18 % will be applicable under **HSN Code 9987**. GST compliant bill will be required to be submitted at the time of payment of bill.
- The quantities shown in above Schedule are approximate and are as a guide to give the tenderer(s) an idea of quantum of work involved. The Railway reserves the right to increase/ decrease and/or delete or include any of the quantities given above and no extra rate will be allowed on this account.
- Before participating in tender, tenderers are advised to go through whole document thoroughly and should also satisfy themselves by visiting site. No claim for any deviation in any condition will be entertained & decision of Railway Administration will be final.

B. Recovery:

- Income Tax as per prevailing rate will be recovered on the gross amount of the each bill from all the bills of the contractor as per Income Tax Act. A surcharge as per prevailing rate on the amount of Income Tax so deducted will also be recovered from the contractor's bills.
- TDS for GST shall be deducted as per extant rules.
- Other deductions like Security Deposit, Advances, Penalty, etc. if any, due for recovery, as applicable vide different clauses of this contract
- I/We undertake to do the work at _____ % above/below the Schedule of Rates of the _____ Railway as applicable to _____ Division or at the rates quoted above for each item. Dated _____

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

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

[illegible]

Bidder (s) seal

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/RTGS Code
- 9- PAN Card No
- 10-Address for Corresponding:
- 11-IREPS ID -

Contractor Seal and Sign
Name:

Mobile No. :i)
ii)

Supervisor mobile no.:

E-mail Id: i)
ii)

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

ANNEXURE - D

IDENTITY CARD

(This Identity Card is valid only in premises of Bhilai Complex)

Card	
Color	Orange
Size	87MM X 54MM
Material	PVC 240 micron
Printing	Digital Printing, Orange
Fabrication	NTR Non Tarable Fusing Process

Lanyard	
Color	Orange
Size	2cm X 96cm
Material	Polyester Silicon Fabric Dor 240gsm
Printing	Dog Hook & Clip SS Plated
Fabrication	Digital Printing both side black front on orange base

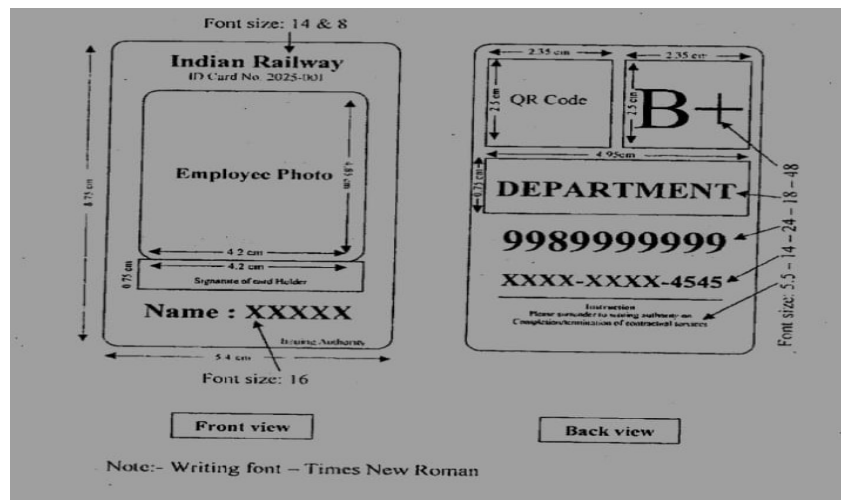
Photograph - Colored.

Face Coverage - Center head within frame and present full head from top of hair to bottom of chin. The face should cover 70 percent of the photo area.

Details in QR code:

- Name and address
- Aadhaar No.
- Date of issue
- Validity upto
- Police Verification date
- Name of Agency
- Medical Fitness certificate.
- Name & designation of issuing authority

Sample of ID Card:



Annexure-E

QUALIFICATION OF WELDERS

Outsourced welders must have followed set of qualification requirements: -

- 1. Qualification Standards (For fusion welding of steel):** Welders must be qualified according to **ISO 9606-1:2017** (or latest) OR **IS 7310 (Part 1): 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 charge). 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.
- 5.** Contractor must follow WPS (Welding Procedure Specification) for the said work.

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 OUT SIDE

(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)

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. cost in 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. cost in Rs.
01	02	03	04	05	06	07

3. PLANTS & MACHINERIES PROPOSED TO BE INDUCTED FROM OUT SIDE

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

SIGNATURE OF THE TENDERER(S)
NAME OF THE4 TENDERER(S)

Annexure – I

LIST OF WORKS ON HAND WITH THE TENDERER

SI 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

No.....Date:..... Office of Railway

The FA&CAO
SECR/Bilaspur

Sub: Opening of LC.
Ref: Supply Order/Contractor Agreement No.

It is requested to open a sight 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
- (iii) Address
- (iv) Tender No
- (v) Contract Agreement No.
- (vi) Description of Goods/Service.
- (vii) Value of Contract
- (viii) Stages 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)

Annexure-K

LCDA No. (18 DIGIT IPAS GENERATED NO.)

Dated: _____

DOCUMENT OF AUTHORIZATION

Reference: (i) Works Contract/ Supply Contract No. _____ Dated _____

(ii) Inland Letter of Credit No. _____ Dated _____.

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

The beneficiary of the aforementioned Letter of Credit M/s....(NAME AND VENDOR CODE)...(Vendor Code.... as per IRES...) 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 MASTER TABLE).... on the strength of this Certificate.

The details of payments already made to the beneficiary under this Letter of Credit as 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:

Office Seal:

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 05 years:
8. Aadhaar 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.

Countersigned by:	Signature of Applicant	
	Date	Place
Contractor Site Engineer		
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

Annexure-M

SAMPLE FORMAT FOR FINANCIAL DATA**Certificate of Contractual Receipts**

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

NAME OF BIDDER/JV PARTNER:

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

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

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

Annexure-N

FORMAT FOR SIMILAR NATURE WORK(FOR TECHNICAL ELIGIBILITY)

Sr. 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/Workorder) (Due to Quantity Variation /PVC/ Short Close)	Date Of Start of Work (dd/mm/ yy)	Work Status (In Progress / Completed/ substantially complete d)	Date of completion of work (If completed) (dd/mm/ yy)	Actual Bill Paid in Rs. (Till last day of month previous to the one in which this tender is invite d)

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

Annexure-V(A)

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

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

6. 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.
7. 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 requirement in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed).

SEAL AND SIGNATURE
OF THE CONSTITUENT FIRM/CONSTITUENT
PARTNER

Place:

Date :

ANNEXURE-P

CA-Certification under preference to Make in India order Certificate

We, _____, a CA firm having our registered office address _____ and 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 at _____ as 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 No. :-
Closing Date:-

Digital Signature of the tenderer

Sr. Divisional Mechanical Engineer (Frt)/BIA
South East Central Railway, Raipur
For and on behalf of President of India

Annexure-Q

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"
	<p>Is Tenderer:</p> <p>I. 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 style="text-align: center;">OR</p> <p>II. Being partnership firm / joint venture (JV) / registered society / registered trust etc. have as one of its partners/members a retired Engineer of the gazetted rank or any other gazetted officer working before his retirement</p> <p style="text-align: center;">OR</p> <p>III. Being an incorporated company have any such retired Engineer of the gazetted rank or any other gazetted officer working before his retirement as one of its directors.</p> <p style="text-align: center;">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.

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:-

Name of the Tenderer:-

NOTE: If information as required as above has not been furnished, contract is liable to be dealt in accordance with provision of clause 62 of the Standard General Condition of Contract.

Annexure-R

STATEMENT OF WORKS EXECUTED/COMPLETED BY THE BIDDER DURING LAST SEVEN YEARS

S. No.	Name and place of work	Authority /agency for which work was carried out	Date of award & agreement No. & Date
1	2	3	4

Date of completion (original /actual)	Agreement cost /completion cost.	Principal /Technical features of the work in brief	Sl. No. at which relevant certificate /documents are attached.
5	6	7	8

Signature of the Tenderer/s

END OF TENDER DOCUMENT