



(TENDER DOCUMENT)

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Mandatory Document for This Tender
(Check sheet)

SL No	Description	Key point/ Document	No of pages
1.	Work done certificate from client along with penalties imposed	Work experience certificate for Satisfactorily completed in the last three previous financial years and the current financial year up to the date of opening of the tender , one similar single service contract for a minimum of 35% of advertised value of the bid. As per Annexure - 25 in FOT.	Applicable Financial Years: <input type="checkbox"/> FY 2023-24 <input type="checkbox"/> FY 2024-25 <input type="checkbox"/> FY 2025-26 FY 2026-27
2.	Turnover certificate	Aggregate financial turnover not less than 1.5 times the advertised bid value during the last three financial years and in the current financial year up to the date of opening of the tender. The audited balance sheet reflecting financial turnover certified by chartered accountant with her stamp, signature and membership number shall be considered.	Applicable Financial Years: <input type="checkbox"/> FY 2023-24 <input type="checkbox"/> FY 2024-25 <input type="checkbox"/> FY 2025-26 <input type="checkbox"/> FY 2026-27 (Audited Balance Sheets to be submitted)
3.	Liquidity (5% of advertised value)	Banking reference (in Bank letter head, as per format) from a Scheduled Bank in India and it should not be more than 3 months old as on date of submission of bids or an audited balance sheet from the current financial year , certified by chartered accountant with her stamp, signature, and membership number only will be considered. Proforma for Banking Reference as per APPENDIX -13 of forms of tender. For this tender current financial year will be 2026-2027 and latest balance sheet will be 2025-2026 and hence T-2 liquidity may be uploaded accordingly.	
4	Declaration of OEM certificate	Declaration of OEM certificate	
5.	Undertaking for truthfulness/correctness of the documents submitted/uploaded by the tenderer along with the tender	As per format available at IREPS (Appendix 5 of forms of tender)	
6	Declaration regarding association of retired railway gazetted officer	As per APPENDIX-23 of forms of tender.	
7	Declaration by bidders as per GCCS-2018 Clause	As per APPENDIX -24 of forms of tender.	
8.	GST Registration	As per standard format	
9	In case of Registered	Company registered under Companies Act	

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	Company	2013	
		The copies of MOA (Memorandum of Association) / AOA (Articles of Association) of the company.	
		A copy of Certificate of Incorporation	
		A copy of Authorization/Power of Attorney issued by the Company (backed by the resolution of Board of Directors) in favour of the individual to sign the tender on behalf of the company and create liability against the company.	
		An undertaking that the Company is not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which the Company was / is a partner/ member. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract.	
Total number of pages			

Note: -

- **This check sheet is only to give an idea about document compulsory required for qualification for this tender. Tenderer are advised to read complete Tender document for all other terms and condition and compliance. Tenderer should submit the mandatory documents at the time of quoting; otherwise his offer will be summarily rejected.**
- **The tenderer is expected to examine carefully all the contents of all the above documents including instructions, conditions, terms, specifications and take them fully into account before uploading his offer. Failure to comply with the requirements as detailed in these documents shall be at the tenderers' own risk. Tenders that are not responsive to the requirements of the tender documents will be summarily rejected.**

Signature of Tenderer with name and seal



SOUTH WESTERN RAILWAY

CAMC of SPARMV/UBL EQUIPMENTS
(Voith Transmission, Cardon Shaft, Axle
Drive Gear with powered Axle Torque
Arm, Controls & Instrumentation, Skid
Mounting etc) for a period of 03 Years.

1. Notice Inviting Tender (NIT)

Mechanical (C&W)
HUBLI Division
South Western Railway

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

NOTICE INVITING TENDER (NIT)

1.1 GENERAL

1.1.1 Hubli division of South Western Railway invites Single tender on OEM basis through e-tendering in **Single packet system** from eligible agencies that fulfil qualification criteria as Stipulated in clause **1.2 of NIT** for CAMC of SPARMV/UBL Equipments (Voith Transmission, Cardon shafts, Axle Drive Gear with powered Axle Torque Arm, Control & Instrumentation, Skid mounting, etc) for a period of three Years.

1.1.2 The key details are as follows:

Sl No	Name of Work	CAMC of SPARMV/UBL Equipments (Voith Transmission, Cardon Shafts, Axle Drive Gear with powered Axle Torque Arm, Control & Instrumentation, Skid mounting, etc.) for a period of three Years.
1.	Approximate Cost of work	Rs. 43,46,494.56/-
2.	Cost of Tender Documents** (Non-Refundable)	Rs.3,540/-
3	EMD (Earnest Money Deposit)	Rs.87,000/-
4	Tender Document available for sale on website	From 11.06.2026 to 02.07.2026 On e-tendering website https://lreps.gov.in Tender document can only be obtained after registration of Tenderer on the website https://lreps.gov.in
5	Last Date & time of Submission of Tender	02-07-2026
6	Date & Time of opening of Tender	02-07-2026
7	Date & Time of opening Of Financial Bid	Not Applicable (single packet)
8	Validity of Tender	45 days from the last date of submission of tender
9	Stipulated date of Commencement of work	Within 15 days from the date of issue of "Letter of Acceptance" (LOA) or as per the instructions of Engineer-in-charge.
10	Time Period	3 Years
11	Authority and place for submission of tender cost & Tender Security (EMD), required documents (if any) and seeking clarifications on tender documents	Online (https://lreps.gov.in)

Tender cost and tender security: Tender document shall be provided free of cost to registered MSE with agencies as mentioned in Railway Board letter No 2010/RS(G) /363/I dated 05.07.2012 for the item tendered. This clause is applicable for even EMD also. If any revision in this regard is also apply in future.

Note: The MSE/UDYAM should be registered for similar service contract and total no of similar work being under taken. The Tenderer has to submit documentary evidence for the same. If the documentary evidences are not submitted/uploaded along with the tender document, the offer is liable for rejection.

1.2.1 DISQUALIFICATION OF BIDDERS:

1.2.1.1 Employment / Partnership etc. of Retired Railway Employees.

(a) Should a Bidder be a retired Manager of the Gazetted rank or any other Gazetted Officer working before her retirement, whether in the executive or administrative capacity or whether holding a pensionable post or not, in any department of any of the railways owned and administered by the President of India for the time being, or

(b) Should a Bidder being partnership firm have as one of its partners a retired Manager or retired Gazetted Officer as aforesaid, or

(c) Should a Bidder being an incorporated company have any such retired Manager or retired officer as one of its directors or

(d) Should a Bidder have in her employment any retired Manager or retired Gazetted Officer as aforesaid, then the full information as to the date of retirement of such Manager or Gazetted Officer from the said service and in case where such Manager or Officer had not retired from Government service at least one year prior to the date of submission of the Bid as to whether permission for taking such contract, or if the contractor be a partnership firm or an incorporated company, to become a partner or Director as the case may be, or to take the employment under the contractor, has been obtained by the Bidder or the Manager or Officer, as the case may be from the President of India or any officer, duly authorized by her in this behalf, shall be clearly stated in writing at the time of submitting the Bid. Bids without the information above referred to or a statement to the effect that no such retired Manager or retired Gazetted Officer is so associated with the Bidder, as the case may be, shall be rejected.

1.2.1.2 Should a Bidder or contractor being an individual on the list of approved Contractors, have a relative(s) or in the case of partnership firm or company of contractors one or more of her shareholder(s) or a relative(s) of the shareholder(s) employed in gazette capacity in any department of Indian Railway, the authority inviting bids shall be informed of the fact at the time of submission of Bid, failing which the bid may be disqualified/rejected or if such fact subsequently comes to light, the contract may be rescinded in accordance with the provision of the General Conditions of Contract.

1.2.1.3 If the bidder or any of its constituents has been levied with a penalty for violation of labour laws for three times in the last two years (from the date of opening of tender) by the appropriate enforcing agency like the Labour Commissioner Etc.

1.2.1.4 The contractor shall be disqualified from participating in the bidding for services in a Railway division,

(i) If any previous contract of the bidder or any of its constituents had been terminated in that Railway division, with in the previous 2 years from date of submission of bids.

(ii) In that Railway division, the bidder or any of its constituents has been imposed a penalty equivalent to the maximum penalty that can be imposed under a previous contract, such a figure being specified, with in the previous 2 years from date of submission of bids. (Period of 2 years shall be reckoned from the date on which the total accrued amount of penalties has reached the maximum penalty that can be imposed under the contract, as specified by the Competent Authority)

The declaration to this effect shall be furnished by the contractor as a part of his bid document. A format in this regard shall be made a part of the tender document. In case this

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declaration is found to be false, process for “banning of business” against the bidder/contractor shall be initiated as per extent rules.

1.2.2 BID Evaluation System:

1.2.2.1 Evaluation of the bids shall be done as per the following system — **Single Packet System**

Minimum Eligibility Criteria

Work Experience The bidder should have satisfactorily completed in the last three previous financial years and the current financial year up to the date of opening of the tender, one **similar single service contract**** for a minimum of 35% of advertised value of the bid

***Completed service contract** includes on-going service contract subject to payment of bills amounting to at least 35% of the advertised value of the bid.

****Similar work means**

“Repair/Maintenance/Overhauling of Main Engine or Transmission system of Self-propelled vehicle i.e. SPIC, SPART, Tower Car.

OR

Manufacturing/Rehabilitation of Self-propelled vehicle i.e. SPIC, SPART, Tower Car.”.

Note:” Work experience certificates from private individuals shall not be accepted. Certificates from public listed companies, private companies, or trusts with an average annual turnover of Rs 500 crore or above in the last 3 financial years excluding the current financial year shall be accepted, provided they are issued from the company’s Head Office by an authorized person. The issuing person must also enclose proof of authorization from the company’s management for issuing such credentials.”

Work experience certificate from private individual shall not be accepted.

Notes: The bidder shall submit details of work executed by them in the prescribed format along with bid for the service contracts to be considered for qualification of work experience criteria clearly indicating the nature/scope of contract, actual completion cost and actual date of completion for such contract.

Financial Standing: The Bidders will be qualified only if they have minimum financial capabilities as below.

(i) T1- Annual Turnover: The bidder should have an aggregate financial turnover not less than 1.5 times the advertised Bid value during the last three previous financial years and in the current financial year up to the date of opening of the tender. The audited balance sheet reflecting financial turnover certified by chartered accountant with her stamp, signature and membership number shall be considered.

(ii) T2-Liquidity: The bidder should have access to or has available liquid assets, lines of credit and other financial means to meet cash flow that is valued at **5% of the estimated bid value** net of applicant’s commitments for other contracts. The audited balance sheet and/or banking reference certified by chartered accountant with her stamp, signature and membership number shall be submitted by the bidder along with bid. Banking reference should contain in clear terms the amount that bank will be in a position to lend for this work to the applicant/member of the Joint Venture/Consortium. In case the Net Current Assets (as seen from the Balance

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Sheets) are negative, only the Banking references will be considered. Otherwise, the aggregate of the Net Current Assets and submitted Banking references will be considered for working out the Liquidity.

The banking reference should be from a Scheduled Bank in India and it should not be more than 3 months old as on date of submission of bids.

➤ **In case of Limited Company:-**

- ☐ Copy of Memorandum of Association and articles of Association of the company.
- ☐ Copy of incorporation certificate of the company.
- ☐ Copy of certificate issued by Registrar of Companies in regard of change of name, if any.
- ☐ Copy of Power of Attorney/ Special Power of Attorney (duly registered as per prevailing law) in favour of authorized person of the company for signing the tender document on behalf of the company in original and Board of directors resolution of the company duly certified by company Secretary/ Auditor/ Competent Authority in regard to authorization given to Director/ Managing Director etc to issue Power of Attorney on behalf of the company.
- Copy of complete documents establishing the Merger/ Demerger/ Conversion/ taking over/ acquisition/ sale etc with a Limited company/ Partnership firm/ Proprietor etc together with the documents establishing the transfer of assets/ liabilities/ credentials to the transferee company from the transferor company if applicable.
- In case, the limited company which submitted tender, claims the credentials/ experience as a partner/ member of another joint venture(s)/ limited company, either of the following documents shall be submitted along with the tender without fail.
- The copies of those partnership/ joint venture(s) deeds covering the period from the date of commencement to the date of completion of the work for which credential/ experience certificate is submitted, as the case may be, mentioning the share of the limited company should be submitted along with tender.

Or

The copies of the experience certificated issued to the limited company mentioning the share of interest in that partnership/ joint venture(s) deeds.

If these documents are not submitted along with tender, then the credentials/ experience as claimed by the limited company shall not be considered.

1.2.2.2 Evaluation of Technical bid:

Bidder Credentials:

- i. The bidder shall submit along with the Bid document, documents in support of their claim to fulfil the minimum eligibility criteria as mentioned in the bid.
- ii. Each page of the copy of documents / certificates in support of credentials, submitted by the bidder, shall be self-attested by the bidder or authorized representative of the bidding firm. Self-attestation shall include signature, stamp and date (on each page). Only, those documents will be considered for evaluating bid, which are duly self-attested as above.
- iii. **The bidders shall submit a copy of certificate stating that all their statement / documents submitted along with bid are true and factual. This shall be mandatory in all bids. Non submission of above certificate by the bidder shall result in summarily rejection of his/their Bid. It shall be mandatorily if the bidder fails to submit this undertaking along with the bid. Affidavit Performa is enclosed as Annexure-5 of forms of tender.**

- iv. If any document (or copy thereof) submitted by a bidder is found to be false / forged:
- (a) The bidder / each partner / member of the bidding firm shall be liable to legal actions apart from punitive actions, as decided by competent authority of Railways. In such an eventuality, the bid (bid) shall also be summarily rejected.
 - (b) If the contract has already been awarded, or Letter of Acceptance (LOA) has been issued and in the event of any failure to comply with the above, the contract shall be terminated. Irrespective of the stage of progress in execution of the work. In such an eventuality Performance Guarantee (PG) and partial / full payments otherwise due to the contractor, in respect of the partial / full work executed by the contractor, shall be forfeited by the Railways.
 - (c) Other punitive actions, like banning the bidder and partners / members of the bidding firm for future dealings with Indian Railways and / or the Government of India may also be taken by the Railway / Govt. of India authorities.

1.2.2.3 The Bidder shall be required to produce attested copies of the relevant documents in support of their credentials for being considered during evaluation.

- i. The Tenderers may obtain further information/ clarification, if any, in respect of these tender documents from the office of Sr.DME/C&W/UBL, South Western Railway, and HUBLI.
- ii. All Tenderers are hereby cautioned that tenders containing any material deviation or reservations as described in **“Instructions to Tenderer” and/or minor deviation without quoting the cost of withdrawal shall be considered as non-responsive and is liable to be rejected.**
- iii. The intending tenderers must be registered on e-tendering portal <https://ireps.gov.in>. Those who are not registered on the e-tendering portal shall be required to get registered beforehand. After registration, the tenderer will get user id and password. On login, tenderer can participate in tendering process and can witness various activities of the process.
- iv. The authorized signatory of intending tenderer, as per Power of Attorney (POA), must have valid **class-II** or **class-III** digital signature. The tender document can only be downloaded from e-tendering portal using class-II or class-III digital signature. However, the tenderer shall upload their tender on <https://ireps.gov.in> using class-II or class-III digital signature of the authorized signatory only.
- v. Submission of Tenders shall be closed on e-tendering website of RAILWAY ADMINISTRATION at the date & time of submission prescribed in NIT after which no tender shall be accepted. It shall be the responsibility of the bidder / tenderer to ensure that his tender is uploaded online on e-tendering website <https://ireps.gov.in> before the deadline of submission. Railway administration will not be responsible for non-receipt of tender documents due to any delay and/or loss etc.
- vi. Tenders shall be valid for a period of **45 days** (both days inclusive i.e. the date of submission of tenders and the last date of period of validity of the tender) from the latest Date of Submission of Tender and shall be accompanied with a tender security of the requisite amount as per clause C 7 of ITT.
- vii. **RAILWAY ADMINISTRATION** reserves the right to accept or reject any or all proposals without assigning any reasons. No Tenderer shall have any cause of action or claim against the RAILWAY ADMINISTRATION for rejection of his proposal.
- viii. Tenderers are advised to keep in touch with e-tendering portal <https://ireps.gov.in> for updates.

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1.3 Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the IREPS Portal, using valid Digital signature Certificates. The instructions given below are meant to assist the bidders in registering on the IREPS Portal, prepare their bids in accordance with the requirements and submitting their bids online on the IREPS Portal.

ASSISTANCE TO BIDDERS

Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

Any queries relating to the process of online bid submission or queries relating to tender, contact helpdesk of IREPS portal. For all other queries:

Contact at: Office of Senior Divisional Mechanical Engineer (Carriage & Wagon)

South western Railway, HUBBALLI

Mobile Numbers: **7338189560**

E-Mail: srdmeubl@gmail.com

1.4 Right of Railway to Deal with Bids

- i. The Railway reserves the right of not to invite bids for any of railway service/s and when Bids are called to accept a Bid in whole or in part or reject any Bid or all Bids without assigning reasons for any such action. The authority for the acceptance of the Bid will rest with the Railway. It shall not be obligatory on the said authority to accept the lowest Bid or any other Bid and no Bidders(s) shall demand any explanation for the cause of rejection of neither their Bid nor the Railway to assign reasons for declining to consider or reject any particular Bid/s.
- ii. If the bidder(s) deliberately gives / give wrong information in her / their tender or creates / create circumstances for the acceptance of her / their tender, the Railway reserves the right to reject such tender at any stage.
- iii. If the bidder(s) expire(s) after the submission of her / their tender or after the acceptance of her / their tender, the Railway shall deem such tender cancelled. If a partner of a firm expires after the submission of their tender or after the acceptance of their tender, the Railway shall deem such tender as cancelled, unless the firm retains its character.
- iv. If the bidder, whose bid has been found to be the lowest evaluated bid withdraws or whose bid has been accepted, falls to sign the procurement contract as may be required, or falls to provide the security as may be required for the performance of the contract or otherwise withdraws from the procurement process, the Procuring Entity shall cancel the procurement process. Provided that the Procuring Entity, on being satisfied that it is not a case of cartelization and the integrity of the procurement process has been maintained. may, for cogent reasons to be recorded in writing, offer the next successful bidder an opportunity to match the financial bid of the first successful bidder, and if the offer is accepted, award the contract to the next successful bidder at the price bid of the first successful bidder. This clause shall not be applicable for Consultancy contracts.

**Tender Inviting Authority
Hubli Division, South western Railway**



SOUTH WESTERN RAILWAY

CAMC of SPARMV/UBL EQUIPMENTS
(Voith Transmission, Cardon Shaft, Axle Drive
gear with powered Axle torque arm, Controls
& Instrumentation, Skid mounting etc) for a
period of 03 Years.

2. Instruction to Tenderer

Mechanical (C&W)
HUBLI Division
South Western Railway

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

INSTRUCTIONS TO TENDERERS (ITT)

A1 General Description of work

1.1.2 This contract is for CAMC of SPARMV/UBL Equipments (Voith Transmission, Cardon shafts, Axle drive gear with powered axle torque arm, control & Instrumentation, Skid mounting) for a period of Three Years.

A2 Scope of Work

1.1.3 The contractor will execute CAMC of SPARMV/UBL Equipments (Voith Transmission, Cardon shafts, Axle drive gear with powered axle torque arm, control & Instrumentation, Skid mounting, etc) for a period of Three Years with trained personnel with the use of necessary Tools & instruments required for work.

A3 Eligible Tenderers

1.1.4 This is single e-tender on OEM basis and all companies, corporations, partnership firms who are involved in execution of this type of work and those who fulfil the Technical and financial soundness and other requirements laid down in this document are eligible to participate.

A4 Qualification of Tenderer

A4.1 Mandatory/ Minimum Eligibility Criteria: As provided in NIT.

A4.2 All tenders uploaded shall include the following information:

A4.3 General Information of the Tenderer shall be furnished in Appendix- 4 of Form of Tender. **Certified Copies of original documents defining the constitution and legal status, certificate of registration and ownership, principal place of business of the company, corporation, firm or partnership or, if a joint venture including consortium, details of each party thereto constituting the Tenderer will also be required to be furnished.** All the group members in a joint venture will be jointly and severally responsible for the performance under the contract.

A4.4 Cancellation or creation of a document such as Power of Attorney, Partnership deed, Constitution of firm etc., which may have bearing on the tender/contract shall be communicated forthwith in writing by the Tenderer to the Engineer and the Employer.

A4.5 Any information found incorrect or suppressed, the tender may not be considered or contract will be cancelled without any financial claim/arbitration from the tender. The applicant is required to certify in the statement placed at Form of Tender.

A4.6 Each Tenderer, or any associate will be required to confirm and declare in the tender submittal that no agent, middleman or any intermediary has been, or will be, engaged to provide any services, or any other items of work related to the award and performance of this contract. They will have to further confirm and declare in the submittal that no agency commission or any payment, which may be construed as an agency commission, has been, or will be paid and that tender price will not include any such amount.

A5 One Tender per Tenderer

Each Tenderer shall upload only one tender. If a Tenderer uploads more than one Tender, all the tenders in which he has participated shall be considered invalid.

A6 Cost of Tendering

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

The Tenderer shall bear all costs associated with the preparation and submission of his tender and the Employer will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tender process.

A7 The Tenderer shall note all General Conditions of Contract for services (GCC services) in which it is deemed that the Tenderer has taken into account all the factors that may affect his Tender in preparing his offer.

TENDER DOCUMENTS

B1 Content of tender Documents

B1.1 The Tender Document has been prepared for the purpose of inviting tenders for CAMC of SPARMV/UBL Equipments (Voith Transmission, Cardon shafts, Axle drive gear with powered axle torque arm, control & Instrumentation, Skid mounting) for a period of three Years.

- Notice Inviting Tender
- Instructions to Tenderers (Including Appendices)
- Form of Tender (including Appendices)
- Special Conditions of Contract
- Employer's Requirements
- Specification (Including Appendices)
- Bill of Quantities
- Scope of work

B1.2 The Tenderer is expected to examine carefully all the contents of all the above documents including instructions, conditions, terms, specifications and take them fully into account before uploading his offer. Failure to comply with the requirements as detailed in these documents shall be at the Tenderers own risk. **Tenders that are not responsive to the requirements of the tender documents will be rejected.**

B1.3 The Tenderer shall not make or cause to be made any alteration, erasure or obliteration to the text of the Tender Documents.

B3 Clarification and Amendment of Tender Documents

B3.1 At any time prior to the deadline for the submission of tenders, the employer may, for any reason, whether at his own initiative or in response to a clarification or query raised by a prospective Tenderer, modify the tender documents by an amendment.

C2 DOCUMENTS COMPRISING THE TENDER

C2.1 The Tenderer shall, on or before the date and time given in the Notice Inviting Tender (NIT), submit his Tender online on e-tendering portal <https://Ireps.gov.in> comprising of following: Technical Package of this submission shall contain the documents referred to in the subsequent paragraphs and all Annexure/ Appendices of NIT, ITT and FOT respectively.

C2.2 The Tenderer shall submit, as his Tender, the following documents, duly completed which in the event of acceptance of the Tender, and shall form part of the Contract:

- Form of Tender (Without appendices);
- Appendix 1 to the Form of Tender; Contract Conditions;
- Appendix 2 to the Form of Tender
- Appendix 3 to the Form of Tender: The Tenderer may submit minor deviations in this annexure and a confirmation that price of every such minor deviation has been given in the

financial package. **Minor deviation may be in the employer's requirements or in any other tender requirement which do not alter the basic functionality of the work or part thereof. If there is no such minor deviation, then the Tenderer must write "NIL" in this appendix.** Tenderer to note that such minor deviations may or may not be accepted by the employer and the Tenderer shall not have any right to any claim on this account. The offer in BOQ shall be given without considering any deviation in tender conditions.

- Appendix 4 to the Form of Tender: General Information about the Tenderer;
- Appendix 5 to the Form of Tender: Undertaking for Truthfulness/Correctness of the documents submitted/uploaded by the tenderer along with the tender
- Appendix 10 and 10A to the Form of Tender: Indemnity bond to be filled by contractor and staff
- Appendix-11 to the Form of Tender: Obligation/Statutory Compliance to be ensured by Contractor.
- Appendix-12 to the Form of Tender: Undertaking for corrupt and fraudulent practice.
- Appendix-13 to Form of Tender: Banking reference for liquidity;
- Appendix 14 to the Form of Tender: Undertaking for Financial stability
- Appendix 15 to the Form of Tender: Undertaking for Downloaded Tender Documents
- Appendix 16 to the Form of Tender: Financial Data
- Appendix 17 to the Form of Tender: Financial Data (work done during the last 5 financial years)
- Appendix 18 to the Form of Tender: Works in hand
- Appendix 19 to the Form of Tender: Undertaking for disclosure of information under RTI Act
- Appendix 20 to the Form of Tender: Bank A/C details for refund through NEFT/RTGS
- Appendix 21 to the Form of Tender: ECS/NEFT Mandate Form
- Appendix 22 to the Form of Tender: GST Registration
- Appendix 23 to the Form of Tender: Declaration of Association of Railway Officer/employee
- Appendix 24 to the Form of Tender: Declaration by bidders as per GCCS-2018 Clause
- Appendix-25 to Form of Tender: Format for Experience Certificate
- Appendix -26 to the Form of Tender: Check list for Evaluation of Tender
- All original tender documents issued by RAILWAY ADMINISTRATION are part of Technical Package except the volume containing the Bill of Quantities (BOQ/Pricing Document) which shall be filled and submitted in Financial Package. Tenderers should carefully read and note all the conditions and provisions mentioned in original tender documents issued by RAILWAY ADMINISTRATION and it shall be deemed that all the conditions and provisions of these documents have been included in their tender submission and accepted to them. The tender shall be submitted online by using class-III/ Class-II digital signature of the authorised signatory of the Tenderer.
- Self-Attested copy of the latest GST registration certificate and attested copy of PAN No. under income Tax Act. The foreign based contractors shall be required to upload the necessary documents as applicable to them according to the applicable state government's Tax Act.
- Registration with appropriate EPF authority and ESI authority as per relevant act are also required to be uploaded.

C3. Form of Tender

The Form of Tender shall be completed and signed by a duly authorized and empowered representative of the Tenderer. If the Tenderer comprises a partnership, consortium or a joint venture the Form of Tender shall be signed by a person who is duly authorized by each member or participant thereof or by authorized signatory of each member. Signatures on the Form of Tender shall be witnessed and dated. Copies of relevant powers of attorney shall be attached.

C4. TENDER PRICES

C4.1 The Pricing Document is included in Bill of Quantities/Pricing Document. The Tenderer shall complete the Pricing Document in accordance with the instructions given in Bill of Quantity/Pricing Document. The completed Pricing Document including price of minor deviations in Appendix- 3A of BOQ/Pricing document for such deviation as mentioned in Appendix-3 of FOT shall be submitted.

C4.2 The price of each such minor deviation will be the price which the Tenderer agrees to offer to the employer from his quoted offer in BOQ if deviation is agreed by the employer. Any such deviation without a price shall not be considered and will be treated as withdrawn by the Tenderer. **Any other deviation mentioned anywhere in the submission other than in Appendix-3 of FOT /Appendix- 3A of BOQ shall be considered as if mentioned inadvertently by the Tenderer and shall be considered as withdrawn without any confirmation from the Tenderer.**

C 4.3 The Tenderer shall utilize Indian labour, staff and materials to the maximum extent possible in execution of Works.

C 4.4 Format of Tentative wage card is enclosed as Appendix –B of Specifications.

C5. CURRENCIES OF THE TENDER

Tender prices shall be quoted in Indian Rupees only.

C6. TENDER VALIDITY

- i. The Tender shall be valid for a period of 45 days (both days inclusive i.e., the date submission of tenders and the last date of period of validity of the tender) from the latest Date of Submission of Tenders.
- ii. In exceptional circumstances, prior to expiry of the original tender validity Employer may request the tenderers for a specified extension in the period of validity. The request and the response thereto shall be made in writing or by suitable means. A tenderer may refuse the request without forfeiting his tender security. A tenderer agreeing to the shall not be required or permitted to modify his tender but will be required to extend validity of his tender security correspondingly.

C7. TENDER SECURITY (Earnest Money)

C7.1 The Bidder shall be required to deposit earnest money with the Bid for the due performance with the stipulation to keep the offer open till such date as specified in the Bid, under the conditions of Bid. The earnest money shall be as under —

	Value of the Work	Earnest Money Deposit (EMD)
a	For works / services estimated to cost up to Rs. 1 crore	2% of the estimated cost of the work
b	For works/ services estimated to cost more than Rs. 1 crore:	Rs. 2 lakh plus 1 /2% (half percent) cost more than Rs. 1 crore of the excess of the estimated cost of work beyond Rs.1 crore subject to a maximum of Rs. 1 crore.

Note: This earnest money shall be applicable for all modes of Bidding. MSEs registered with District Industries Centers, Khadi and Village Industries Commission, Khadi and Village Industries Board, Coir Board, National Small Industries Corporation, Directorate of Handicraft and Handloom, any

other body specified by Ministry of MSME or Start-ups as recognized by Department of Industrial policy & Promotion shall be exempted from payment of minimum EMD detailed in the bid.

- C7.2 It shall be understood that the Bid documents have been sold/issued to the Bidder and the Bidder is permitted to bid in consideration of stipulation on their part, that after submitting her Bid she will not resile from her/ their offer or modify the terms and conditions thereof in a manner not acceptable to the Manager. Should the Bidder fail to observe or comply with the said stipulation, the aforesaid amount shall be liable to be forfeited to the Railway.
- C7.3 If her Bid is accepted, this earnest money mentioned in sub clause above will be returned to the successful bidder after the submission and verification of the Performance Guarantees as per clause of General Conditions of Contract. The Earnest Money of other Bidders shall, save as herein before provided, be returned to them, but the Railway shall not be responsible for any loss or depreciation that may happen thereto while in their possession, nor be liable to pay interest thereon.
- C7.4 The Earnest Money should be demanded in the form and manner as per the latest instructions issued by the Railway Board from time to time.
- C7.5 The Tenderer shall submit with his Tender a Tender Security for the sum mentioned in NIT at IREPS portal. **In case of joint venture/consortia, Bank Guarantee tender security shall be in the name of joint venture/consortia and not in name of individual members.** The Tender Security shall remain valid up to date as mentioned in NIT under key details. Any deviation in Bid security with regard to amount, validity and format shall be considered as material deviation and bid shall be dealt accordingly.
- C7.6 **The Tender Security of the successful Tenderer shall be returned after issue of LOA / Agreement as no security deposit is required for this tender.**
- C7.7 The Tender Security of tenderers who fail in technical evaluation shall be returned after opening of financial bid. Tender security of the unsuccessful tenderers in financial opening shall be released after unconditional acceptance of the Letter of Acceptance (LOA) by the successful tenderer.
- C7.8 'Tender Security' and 'Cost of Tender Document' submitted after due date and time shall not be accepted and online tenders of such tenderers shall liable to be rejected summarily.
- C7.9 RAILWAY ADMINISTRATION will not be responsible for delay / late submission.
- C7.10 The tender security shall be forfeited:
- a) If a tenderer withdraws his tender during the period of tender validity, or
 - b) If the tenderer does not accept the correction of his tendered price in terms of Clause E6 of ITT or
 - c) In the case of a successful tenderer, if he fails to:
 - I. Furnish the necessary performance guarantee for performance as per Clause F5 of ITT.
 - II. Commence the work as per terms & conditions of Tender after issuance of LOA.
 - III. Enter into the Contract within the time limit specified in Clause F4 of ITT.
- C7.11 No interest will be payable by the Employer on the tender security amount cited above.

C8 Labour

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

The Tenderers attention is especially drawn to relevant clause of the GCC services in relation to the responsibility of the Contractor for obtaining an adequate supply of labour, their Rates, Wages and Conditions.

C9 FORMAT AND SIGNING OF TENDERS:

C9.1 The documents required to be uploaded by the Tenderer will be as described under Clause C2 of ITT herein.

C 9.2 All documents which are to be submitted as scanned documents shall be typed or written in indelible ink (in the case of copies, legible photocopies are also acceptable and all the pages shall be signed by a person or persons duly authorized to sign on behalf of the Tenderer before scanning and uploading (in .pdf / .jpg / .jpeg format), pursuant to sub-paragraphs A4 of ITT, as the case may be. **All pages of the Tender, where entries or amendments have been made, shall be initialled and dated by the person or persons signing the Tender.**

C9.3 Documents submitted in Tender submission shall contain no alterations, omissions or additions, except those to comply with instructions issued by the Employer, or as necessary to correct errors made by the Tenderer, in which case such corrections shall be initialled and dated by the person or persons signing the Tender before scanning and uploading/submitting.

C10 SCHEDULE OF PAYMENT

The payment will be made after every visit basis as per the accepted rates based on the activities carried out as in the Schedule of work.

D1 SUBMISSION OF TENDER

D1.1 Tenders shall be uploaded online on <http://Ireps.gov.in> at stipulated date and time provided in NIT. The Employer cannot take any cognizance and shall not be responsible for any delay in submission/ uploading of Tender. The Tenderer shall ensure that they had received receipt/acknowledgement of their tender submission which is generated by the system itself on successful submission of tender online.

D2 LATE/DELAYED TENDERS

D2.1 Submission of Tenders shall be closed on e-tendering website i.e. <http://Ireps.gov.in> of RAILWAY ADMINISTRATION at the date & time of submission prescribed in NIT after which no tender shall be accepted.

D2.2 It shall be the responsibility of the bidder / tenderer to ensure that his tender is submitted online on e- tendering portal <http://Ireps.gov.in> before the deadline of submission. RAILWAY ADMINISTRATION will not be responsible for any delay, internet connection failure or any error in uploading of tender submission. The tenderers are advices to upload their submissions well before the due date and time of tender submission to avoid any problem and last-minute rush.

D3 MODIFICATION, SUBSTITUTION AND WITHDRAWAL OF TENDERS

D3.1 Except where expressly permitted by these Instructions, the Tenderer shall not make or cause to be made any alteration, erasure or obliteration to the text of the documents prepared by the Employer and submitted by the Tenderer with or as part of his Tender.

D3.2 No Tender shall be allowed to be modified by the Tenderer after the deadline for submission of Tenders.

D3.3 The Tender submitted online will be taken as a final bid.

D3.4 **Withdrawal of a Tender during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Tender shall result in the forfeiture of the Tender Security (EMD).**

D4 CHECK LIST FOR TECHNICAL AND FINANCIAL SUBMISSION

Tenderer is required to ensure submittal of all the documents duly signed and sealed by the authorized person(s). Check list for confirming the submission of all documents is enclosed as Appendix-26 of F.O.T. The check list is indicative and not exhaustive. The bidders must go through the complete tender document and submit the required document accordingly.

E. TENDER OPENING AND EVALUATION:

E1 Tender Opening

E1.1 Tenders for which an acceptable notice of withdrawal has been submitted pursuant to paragraph D3 of ITT shall not be opened.

E1.2 (a) 'Tender Security' and 'Cost of Tender Documents' will be checked first which is submitted by the tenderer online.

If the tenderer is a Micro and Small Enterprise (MSE) registered with Ministry of Micro, Small & Medium Enterprises (MSME) Authority such as DIC, NSIC etc and want to avail waiver of tender cost and tender security shall submit documentary evidence regarding this.

➤ Tenders of those tenderers who have not submitted valid 'Tender Security' and valid 'Cost of Tender Documents' **shall be considered as non-responsive and liable to be rejected summarily.**

E1.3 The Technical Package of all tenderers who have submitted a valid tender security and cost of tender document shall be opened in the presence of representatives of tenderers who choose to attend on date & time as mentioned in tender document in the office of the Sr.DME/C&W/ UBL, Hubli Tenderers may visit RAILWAY ADMINISTRATION e-procurement web-site to know latest Technical Opening information after completion of opening process. Tenderers can also see the Technical Sheets (check-list) of other tenderers after completion of opening process by logging in to <http://Ireps.gov.in> web-site. If such nominated date for opening of Tender is subsequently declared as a Public Holiday by the Employer, the next official working day shall be deemed as the date of opening of Technical Package. The Tender of any tenderer who has not complied with one or more of the foregoing instructions may not be considered.

E1.4 The Tenderers name, details of the tender security and such other details as the Employer or his authorized representative, at his discretion, may consider appropriate will be announced at the time of tender opening.

E1.5 The Financial Package(s) which tenderer(s) have uploaded online will be opened on a subsequent date after evaluation of technical packages. Financial packages of only those tenderers whose submissions are found substantially responsive and technically compliant as per clause E5 of ITT will be opened. The time of opening of financial package shall be informed through website only. Tenderer can visit RAILWAY ADMINISTRATION <http://Ireps.gov.in> website for further information.

E2 PROCESS TO BE CONFIDENTIAL:

E2.1 Except the public opening of tender, information relating to the examination, clarification, evaluation and comparison of tenders and recommendations concerning the award of

Contract shall not be disclosed to tenderers or other persons not officially concerned with such process.

- E2.2 Any effort by a tenderer to influence the Employer in the process of examination, clarification, evaluation and comparison of tenders and in decisions concerning award of contract, may result in the rejection of the tenderer's tender.

E3 CLARIFICATION OF TENDERS

- E3.1 To assist in the examination, evaluation and comparison of Tenders, the Employer may ask tenderers individually for clarification of their tenders, including breakdowns of prices.

E4 EVALUATION OF TENDER

- E4.1 **Evaluation of Mandatory Documents/minimum eligibility criteria** –This evaluation will be done to check if the tenderer qualifies the mandatory eligibility criteria as laid down in Clauses of NIT. Tenderers, which do not qualify in any of the mandatory eligibility criteria shall not be considered for further evaluation and shall be rejected.

E4.2 Evaluation of Responsiveness

The employer will determine whether each tender is substantially responsive to the requirements of the Tender Documents i.e., it conforms to all terms, conditions and specifications of the tender document. In case of any nonconformity, the tender shall be disqualified and rejected.

E4.3 Evaluation of Material deviation or reservation

Each tender shall be evaluated for any material deviation or reservation. Material deviation or reservation is one:

- i. Which contain unauthorized changes to the Memorandum of Understanding from the Memorandum of Understanding accepted for Pre-qualification?
- ii. Which contains any deviation in tender security with regards to amount, validity, form and format?
- iii. Which affects in any substantial way, the scope, quality or performance of the Works; Which limits in any substantial way, is inconsistent with the Tender Documents, the Employer's right or the Tenderers obligations under the Contract; or
- iv. Whose rectification would affect unfairly the competitive position of other tenderers presenting responsive tenders? Tender having any material deviation or reservation shall be disqualified and rejected.

E5 Evaluation of Financial Proposals

- E5.1 The Employer will, keeping in view the contents of Clause- A4 and B1 of ITT, carry out technical evaluation of submitted technical proposals to determine that the tenderer has a full comprehension of the work of the contract. Where a Tenderers technical submittal has a major inadequacy, his tender will be considered to be non-compliant and will be rejected.

- E5.2 All technically acceptable tenders will be eligible for consideration of their financial bid/Proposals. **Financial Bid of those tenderers shall only be opened whose technical submittal is found compliant** to the conditions stipulated in clause A4.1 to A4.10 and B of ITT and all the clauses of NIT. **The financial proposal shall be evaluated to determine the lowest tenderer / bidder.** In case, the evaluated financial offers of two or more technically qualified bidders are same and Lowest (i.e., L-1), then the tender would be awarded to the bidder who is technically more sound i.e. who scores more points as detailed in clause 1.2.2.1 of NIT. No consideration will be given to other bidder(s).

E5.3 The evaluation of Financial Proposals by the Employer will take into account, in addition to the tender amounts, the following factors:

- a) Arithmetical errors corrected by the Employer in accordance with clause E6 of ITT.
- b) Such other factors of administrative nature as the Employer may consider to have potentially significant impact on contract execution, price and payments, including the effect of items or unit rates that are unbalanced or unrealistically priced.

E5.4 Offers, deviations and other factors, which are in excess of the requirements of the tender documents or otherwise will result in the accrual of unsolicited benefits to the Employer, shall not be taken into account in tender evaluation.

E5.5 Price adjustment provisions applicable during the period of execution of the contract shall not be taken into account in tender evaluation.

E5.6 Evaluation of financial offer will be based on quantities in Bill of quantities (BOQ) and rates quoted. Any alteration in BOQ will not be given any cognizance.

E6 CORRECTION OF ERRORS

E6.1 Tenders determined to be technically acceptable after technical evaluation will be checked by the bid evaluation committee for any arithmetical errors in computation and summation during financial evaluation. Errors will be corrected by the committee as follows:

- a) Where there is a discrepancy between amounts in figures and in words, the amount in words will govern; and
- b) Where there is a discrepancy between the unit price and the total amount derived from the multiplication of the unit price and the quantity, the unit price as quoted will normally govern unless in the opinion of the bid evaluation committee there is an obviously gross misplacement of the decimal point in the unit price, in which event, the total amount as quoted will govern.

E6.2 **If a tenderer does not accept the correction of errors as outlined above, his tender will be rejected and the tender security forfeited.**

E7 SYSTEM OF VERIFICATION OF TENDERER'S CREDENTIALS

E7.1 **After opening of financial bid, certificate-based system for credentials verification of lowest bidder (L1) shall be adopted.** The tenderer shall submit along with tender document, documents in support of his / their claim to fulfil the eligibility criteria as mentioned in the tender document. Each page of the copy of documents/ certificates in support of credentials, submitted by the tenderer shall be self-attested / digitally signed by the tenderer or authorized representative the tendering firm. ***Self-attestation shall include signature, stamp and date (on each page). Only those documents which are declared explicitly by the tenderer as "document supporting the claim of qualifying the laid down eligibility criteria "will be considered for evaluating his/ their tender.***

E7.2 **The bidders shall submit a copy of certificate stating that all their statement / documents submitted along with bid are true and factual. This shall be mandatory in all bids. Non submission of above certificate by the bidder shall result in summarily rejection of his/their Bid. It shall be mandatorily if the bidder fails to submit this undertaking along with the bid. Proforma is enclosed as Appendix-5 of forms of tender. And it shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting document duly self-attested by which they/ he is qualifying criteria mentioned in the tender document. It will be not be obligatory on the part of tender committee to**

scrutinize beyond the submitted document of tenderer as far as his qualification for the tender is concerned"

With submission of certificate as mentioned above, practise of verification of lowest bidder is dispensed with.

- a) The railway reserve right to verify all statements, information and documents submitted by the bidder in his tender offer, and the bidder shall, when so required by the railway, make available all such information, evidence and documents as may be necessary for such verification. Any such verification or lack of such verification, by the railway shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of railway.
- b) In case of any wrong information submitted by tenderer, the contract shall be terminated, Earnest Money Deposit (EMD), performance guarantee (PG) and security deposit of contract forfeited and agency barred for doing business on entire Indian railway for 5 (five) years. (Authority: Railway board letter no. 2017/Trans/01/Policy dated:08-2-2018)

F AWARD OF CONTRACT

F1 Award Criteria

- F1.1 Subject to Clause E5 and F2 of ITT, the Employer will award, the Contract to the tenderer, whose tender has been determined to be substantially responsive, technically & financially suitable, complete and in accordance with the tender documents and whose evaluated **tender price is determined to be lowest.**

F2 EMPLOYER'S RIGHT TO ACCEPT ANY TENDER AND TO REJECT ANY OR ALL TENDERS

- F2.1 Notwithstanding Clause F of ITT, the Employer reserves the right to accept or reject any tender, and to annul the tender process and reject all tenders, at any time prior to award of Contract, or to divide the Contract between/amongst tenderers without thereby incurring any liability to the affected tenderer or tenderers or any obligations to inform the affected tenderer or tenderers of the grounds for the Employer's action.

F3 NOTIFICATION OF AWARD

- F3.1 Prior to the expiry of the period of tender validity prescribed by the Engineer/Employer, the Employer will notify the successful tenderer by tele fax, to be confirmed in writing by registered letter, that his tender has been accepted. This letter (hereinafter and in the Conditions of Contract called 'the Letter of Acceptance') shall name the sum which the Employer will pay to the Contractor in consideration of the execution, completion of the works by the Contractor as prescribed by the Contract (hereinafter and in the conditions of Contract called 'the Contract Price'). The "Letter of acceptance" will be sent in duplicate to the successful tenderer, who will return one copy to the Employer duly acknowledged and signed by the authorized signatory, within three days from the date of issue of LOA by him. No correspondence will be entertained by the Employer from the unsuccessful Tenderers.

AND

Letter of acceptance to the successful bidder shall be uploaded on procurement portal which can be downloaded by the successful bidder.

- F3.2 Contact Details of SDGM & CVO, 0836-2325006 (Mob: 9731665003)
- F3.3 The Letter of Acceptance will constitute a part of the contract.

F3.4 Upon "Letter of acceptance" being signed and returned by the successful tenderer as per Clause F3.1 of ITT, the employer will promptly notify the unsuccessful tenderers and discharge / return their tender securities.

F4 SIGNING OF AGREEMENT The Employer shall prepare the Agreement in the Proforma (Annexure- 2 of ITT) included in this Document, duly incorporating all the terms of agreement between the two parties Within 45 days from the date of issue of the letter of acceptance, the successful tenderer will be required to execute the Contract Agreement. One copy of the Agreement duly signed by the Employer and the contractor through their authorized signatories will be supplied by the Employer to the Contractor.

F4.2 Prior to signing of the Contract Agreement, the successful tenderer shall also submit the following documents.

- Power of Attorney
- Performance Guarantee
- Detailed Consortium or Joint Venture Agreement (duly signed and executed) incorporating
 - I. Percentage Participation of each member/partner
 - II. Joint and several liability of the partners

Successful bidder has to start work within 15 days from issue of LOA.

F 5 PERFORMANCE SECURITY

F 5.1 Performance Guarantee (PG) at a rate of 5% of the contractual value shall be deposited by the successful bidder. The successful bidder shall have to submit a Performance Guarantee (PG) valuing 5% of the contract value in four separate parts of 1.25 % each of the contract value, within 30 (thirty) days from the date of issue of Letter of Acceptance (LOA). Extension of time for submission of PG beyond 30 (thirty) days and up to the date of submission of PG from the date of issue of LOA may be given by the Authority who is competent to sign the contract agreement. However, a penal interest of 15% per annum shall be charged for the delay beyond 30 (thirty days, i.e. from 31st day after the date of issue of LOA. In case the contractor fails to submit the requisite PG after 60 days from the date of issue of LOA, a notice shall be served to the contractor to deposit the PG immediately however not exceeding 90 days from the date of issue of LOA). In case the contractor fails to submit the requisite PG even after 90 days from the date of issue of LOA, the contract shall be terminated duly forfeiting EMD and other dues, if any payable against that contract. The failed contractor shall be debarred from participating in re- tender for that work. In case 60th day is a bank holiday or office closure next working day should be considered as the last day for submission of the PGs. Decision of Authority competent to sign the Contract Agreement would be final in case of any dispute.

F 5.2 The value of PG to be submitted by the, contractor will not change for variation up to 25% (either increase or decrease). In case during the course of execution, value of the contract increases by more than 25% of the original contract value, an additional PG amounting to 5% (three percent) for the excess value over the original contract value shall be deposited in four equal parts by the contractor. On the other hand, if the value of Contract decreases by more than 25% of the original contract value, PG amounting to 5% of the decrease in the contract value shall be returned to contractor. The PG amount in excess of required PG for decreased contract value, available with railways shall be returned to the contractor duly safeguarding the interest of Railways.

F 5.3 The applicable PG shall be calculated as per the revised value of the contract covering all variations up to the determination of the contract. If the penalty imposed exceeds 50% of the applicable maximum penalty (as per the revised value of the contract), a PG equivalent to 25% of the applicable PG shall be forfeited. If the penalty imposed exceeds 75% of the applicable **maximum penalty, a PG equivalent to 50% of the applicable PG** shall be forfeited. The PGs shall be encased after the completion of the contract.

F 5.4 The successful bidder shall submit the PG in any of the following forms, amounting to 5% of the contract value —

- (a) A deposit of cash;
- (b) Irrevocable Bank Guarantee;
- (c) Government Securities including State Loan Bonds at 5% below the market value;
- (d) Deposit Receipts, Pay Orders, Demand Drafts and Guarantee Bonds. These forms of PG could be either of the State Bank of India or of any of the Nationalized Banks;
- (e) Guarantee Bonds executed or Deposits Receipts tendered by all Scheduled Banks;
- (f) A Deposit in the Post Office Saving Bank;
- (g) A Deposit in the National Savings Certificates;
- (h) Twelve years National Defense Certificates;
- (i) Ten years Defense Deposits;
- (j) National Defense Bonds and
- (k) Unit Trust Certificates at 5% below market value or at the face value whichever is less. Also, FDR in favour of Sr.DFM/UBL (free from any encumbrance) may be accepted.

Note - The instruments as listed above will also be acceptable for Guarantees in case of Mobilization Advance.

F 5.5 The PGs shall be submitted by the successful bidder after the Letter of Acceptance (LOA) has been issued, but before signing of the contract agreement. These PGs shall be initially valid up to the stipulated date of completion and maintenance period, if any plus 60 days beyond that. In case, the time for completion of service gets extended, the contractor shall get the validity of PGs extended to cover such extended time for completion and maintenance period, if any of service plus 60 days.

F 5.6 The PGs shall be released after physical completion of the work/ service delivery based on "Completion Certificate" issued by the competent authority stating that the contractor has completed the assigned services in all respects satisfactorily and passing of final bill based on "No Claims Certificate" from the contractor. In case any contract provides for warranty/ maintenance clause then 25%, of the PG would be retained till the warranty/ maintenance period is over and a certificate to that effect is issued by the Manager.

F 5.7 Whenever the contract is rescinded, the PGs shall be encashed/ forfeited. The balance work or services for the same shall be got done independently without risk & cost of the failed contractor. The failed contractor shall be debarred for a period of 2 years from the date of such rescindment from participating in the bid which includes delivery of balance services of failed contract. If the failed contractor is a Partnership firm, then every member/ partner of such a firm shall be debarred for a period of 2 years from the date of such rescindment from participating in the bid which includes delivery of balance services of failed contract in his/her individual capacity.

F 5.8 The Manager shall not make a claim under the PG except for amounts to which the President of India is entitled under the contract (not withstanding and/or without prejudice to any other provisions in the contract agreement) in the event of —

(a) Failure by the contractor to extend the validity of the PG as described herein above, in which event the Manager may claim the full amount of the PG.

(b) Failure by the contractor to pay President of India any amount due, either as agreed by the contractor or determined under any of the Clauses/Conditions of the Agreement, within 30 days of the service of notice to this effect by Manager.

(c) The Contract being determined or rescinded under provision of the GCC, the PG shall be forfeited in full and shall be absolutely at the disposal of the President of India.

G. CANCELLATION OF LETTER OF ACCEPTANCE (LOA) & FORM OF TENDER

In case successful Tenderer fails to commence the work (for whatsoever reasons) as per terms & conditions of Tender after issuance of LOA then the LOA shall be cancelled and the tender security shall be forfeited.

H. Terms & Process of Bill Payment

- a. All the terms & conditions of the bills for payments purpose should be strictly complied with in accordance with the guide lines, issued by the competent authority from time to time.
- b. Certificate as per Appendix –C of Specifications enclosed should strictly be provided with each bill for each Station.

I Termination

This section describes the obligations of the Contractor to ensure that, following issue by the Railway administration of a Termination of Services Notice on the Contractor, there is an orderly and timely migration of responsibility for providing the Services from the Contractor to any new Contractor or to the Indian Railways with no disruption to the Indian Railways delivery of services.

I 1.1 Consequences of Termination

On termination of this contract by Indian Railways, Indian Railways shall have the right to engage the services of another agency for provision of the services. The Service Provider/ contractor shall indemnify Indian Railways against all losses, damages, costs including management and similar costs, expenses and all other expenditure or loss of opportunity or revenue whatsoever incurred or suffered by Indian Railways as a result of such termination.

Upon termination of this Agreement, the Service Provider and its employees shall be required to remove all their belongings from the premises of Indian Railways within a period of 7 (seven) days. Failure to comply with this requirement shall entitle Indian Railways to seize all the items within the office and store.

I 1.2 Duty to continue services

The parties shall continue to perform their obligations under this Agreement notwithstanding the giving of any notice of default or notice of termination until the termination of this Agreement becomes final.

I 1.3 Disengagement Periods

A Disengagement Period will commence on the earlier of:

- a) three (3) months prior to the expiry of this Contract or
- b) three (3) months prior to the cancellation of Services of the Contractor

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- c) The date on which a notice of termination is given by Railway administration in accordance with this Contract.

I 1.4 Disengagement Assistance in disengagement period

The Contractor must:

- Cooperate with the Incoming Contractor to ensure that the transfer of the services and related information, assets, records, to the Incoming Contractor is carried out in an orderly, coordinated, effective and timely manner; and
- Provide all reasonable assistance required by Indian Railways and comply with all reasonable directions given by them, to promote the efficient and effective transfer of the Services.

I 1.5 Handover Assistance.

The Contractor is obliged to:

- a) Review all procedures, documentation, processes and other aspects with the incoming contractor
- b) Provide the incoming contractor with access to all necessary information relevant to the ongoing provision of similar services
- c) Conduct training/familiarisation of the incoming contractor as directed by Indian Railways
- d) Comply with any other request deemed necessary by Indian Railways to assist in the orderly handover to the incoming contractor.

I 1.6 Processes after Termination of the Contract

In the event of termination by the Railways, all the machinery and equipment covered in this contract shall be taken over by the Railways. It shall be the duty of the contractor to hand over all such assets to the Railway administration in order to avoid disruption of services.

➤ Information under RTI Act

Railway administration is required to provide to the applicants the information under Right to Information (R.T.I) Act. Certain information may pertain to the contractor/bidder also. Bidder is required to give their unconditional consent to RAILWAY ADMINISTRATION in the format enclosed as Appendix-19 to FOT. Bidder may indicate the matters for which information cannot be provided without a specific consent from the bidder and list such matters in the same format i.e. Appendix-19.

FORM OF PERFORMANCE SECURITY (GUARANTEE) BY BANK

(Refer Clause F5 of "Instructions to Tenderers")

- 1.This deed of Guarantee made this.....day of..... (Month & year) between Bank of..... (Hereinafter called the "Bank") of the one part, and Sr.DFM/UBL, South Western Railway (hereinafter called "the Employer") of the other part.
- 2.Whereas ----- has awarded the contract for (name of work as per clause 1.1.1 of NIT) (Hereinafter called "the contract") to M/s..... (Name of the Contractor)....hereinafter called "the Contractor".
- 3.AND WHEREAS the Contractor is bound by the said Contract to submit to the Employer a Performance Security for a total amount of Rs..... (Amount in figures and words).
- 4.Now we the Undersigned..... Name of the Bank) being fully authorized to sign and to incur obligations for and on behalf of and in the name of.....(Full name of Bank), hereby declare that the said Bank(will guarantee the Employer the full amount of Rs.....(Amount in figures and Words) as stated above.
- 5.After the Contractor has signed the aforementioned Contract with the Employer, the Bank is engaged to pay the Employer, any amount up to and inclusive of the aforementioned full amount upon written order from the Employer to indemnify the Employer for any liability of damage resulting from any defects or shortcomings of the Contractor or the debts he may have incurred to any parties involved in the Works under the Contract mentioned above, whether these defects or shortcomings or debts are actual or estimated or expected. The Bank will deliver the money required by the Employer immediately on demand without delay without reference to the Contractor and without the necessity of a previous notice or of judicial or administrative procedures and without it being necessary to prove to the Bank the liability or damages resulting from any defects or shortcomings or debts of the Contractor. The Bank shall pay to the Employer any money so demanded notwithstanding any dispute/disputes raised by the Contractor in any suit or proceedings pending before any Court, Tribunal or Arbitrator/s relating thereto and the liability under this guarantee shall be absolute and unequivocal.
- 6.This Guarantee is valid till (The initial period for which this Guarantee will be valid must be for at least 6-months (six months) longer than the anticipated expiry date of defect liability period as stated in Clause 4.2 of the "General Conditions of Contract".)
- 7.At any time during the period in which this Guarantee is still valid, if the Employer agrees to grant a time extension to the Contractor or if the Contractor fails to complete the Works within the time of completion as stated in the Contract, or fails to discharge himself of the liability or damages or debts as stated under Para 5, above, it is understood that the Bank will extend this Guarantee under the same conditions for the required time on demand by the Employer and at the cost of the Contractor.
- 8.The Guarantee hereinbefore contained shall not be affected by any change in the Constitution of the Bank or of the Contractor.

9.The neglect or forbearance of the Employer in enforcement of payment of any moneys, the payment whereof is intended to be hereby secured or the giving of time by the Employer for the payment hereof shall in no way relieve the bank of their liability under this deed.

10. The expressions “the Employer”, “the Bank” and “the Contractor” hereinbefore used shall include their respective successors and assigns.

In witness whereof I/We of the bank have signed and sealed this guarantee on the.....day of..... (Month &Year) being herewith duly authorized.

For and on behalf of the_____Bank.

Signature of authorized Bank official

Name:

Designation:

I.D. No. :

Stamp/Seal of the Bank:

Signed, sealed and delivered for and on behalf of the Bank by the above named_____

In the presence of:

Witness 1.

Signature

Name

Address

Notes:

Witness 2.

Signature

Name

Address

- The stamp papers of appropriate value shall be purchased in the name of the Bank, who issues the ‘Bank Guarantee’.
- The ‘Bank Guarantee’ shall be from the Scheduled Commercial Bank based in India, acceptable to Employer.

ANNEXURE- 2
(PAGE 1 OF 2)

(Agreement on non-judicial stamp paper on Rs.100/-)

FORM OF AGREEMENT

(Refer Clause F4 of "Instructions to Tenderers")

This Agreement is made on the _____ day of _____ (Month & Year) Between -----
----- hereinafter called "the Employer" of the one part
and _____ (Name and Address of Contractor)
----- hereinafter called "the Contractor" of the other
part.

Whereas the Employer is desirous that (** certain Goods and Services should be provided and) certain Works should be executed, viz CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years hereinafter called "the Works" and has accepted a Tender by the Contractor for the execution and completion of such works (** as well as guarantee of such works) and the remedying of defects therein.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
 - a. Letter of acceptance
 - b. Notice Inviting Tender
 - c. Instructions to Tenderers (Including Annexures)
 - d. Form of Tender with Appendix
 - e. General Conditions of Contract
 - f. Special Conditions of Contract
 - g. Employer's Requirements
 - h. Specifications with Appendices
 - i. Bill of Quantities
 - j. Conditions of Contract on safety, Health and Environment
 - k. Addendums, if any
 - l. Other conditions agreed to and documented:
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the works by ** _____ and remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the works and the remedying of defects therein, the Contract Price of thereto or deductions there from as may be made under the provisions of the Contract at the times and in the manner prescribed by the Contract.
5. **OBLIGATION OF THE CONTRACTOR**

The contractor shall ensure full compliance with tax laws of India with regard to this contract and shall be solely responsible for the same. The contractor shall submit copies of acknowledgements evidencing filing of returns every year and shall keep the Employer fully indemnified against liability of tax, interest, penalty etc. of the contractor in respect thereof, which may arise.

The staff/labourer recruited by the Contractor for will be the sole responsibility of the Contractor and RAILWAY ADMINISTRATION will not be involved in it in any way. The

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staff / labour so recruited by the Contractor will not have any right whatsoever at any stage to claim employment in RAILWAY ADMINISTRATION.

ANNEXURE- 2 (PAGE 2 OF 2)

6. JURISDICTION OF COURT

The Courts at ----- shall have the exclusive jurisdiction to try all disputes arising out of this agreement between the parties.

IN WITNESS WHEREOF the parties hereto have caused their respective Common Seals to be hereunto affixed / (or have hereunto set their respective hands and seals) the day and year first above written.

For and on behalf of the Contractor
Signature of the authorized official
Name of the official
Stamp/Seal of the Contractor

For and on behalf of the Employer
Signature of the authorized official
Name of the official
Stamp/Seal of the Employer

SIGNED, SEALED AND DELIVERED

By the said

_____ Name

of the Contractor

in the presence of

Witness _____

Name _____

Address _____

Note:

By the said

_____ Name

on behalf of the Employer

in the presence

Witness _____

Name _____

Address _____

➤ To be made out by the Employer at the time of finalization of the Form of Agreement.

**Blanks to be filled by the Employer at the time of finalization of the Form of Agreement.

*** To be deleted if not applicable.

BID FORM (First Sheet)

_____RAILWAY

Tender No. _____

Name of Work _____

To,

The President of India,

Acting through the _____

_____Railway

1. I/We have read the various conditions to the bid attached hereto and agree to abide by the said conditions. I/We also agree to keep this bid open for acceptance for a period of _____ days from the date fixed for opening the same and in default thereof, I/we will be liable for forfeiture of my/our "Earnest Money". I/We offer to do the work for Railway, at the rates quoted in the attached schedule and hereby bind myself / ourselves to complete the work in all respects within _____ months from the date of issue of letter of acceptance of the Bid.

2. I/We also hereby agree to abide by the Indian Railways General Conditions of Contract for Services, with all correction slips up-to-date and to carry out the work according to the Special Conditions of Contract and Specifications of materials and works as laid down by Railway in the annexed Special Conditions/Specifications, Schedule of Rates with all correction slips up-to-date for the present contract.

3. A sum of Rs. _____ is herewith forwarded as Earnest Money. Full value of the Earnest Money shall stand forfeited without prejudice to any other right or remedies in case my/our Bid is accepted and if:

a) 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

b) I/We do not commence the work within fifteen days after receipt of orders to that effect.

4. I/We am/are a Micro and Small Enterprise registered from _____ (body approved by Ministry of MSME) with registration No. _____ and terminal validity up to _____ for similar service contracts.

9. Until a formal agreement is prepared and executed, acceptance of this Bid 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/service.

Signature of Bidder/s

Date _____

Address _____

ANNEXURE – 3A

BID FORM (Second Sheet)

1. Instructions to bidder and Conditions of bid: The following documents form part of bid / Contract:

(a) Bid forms — First Sheet and Second Sheet

(b) Special Conditions/Specifications (enclosed)

(c) Schedule of approximate quantities (enclosed)

(d) Standard General Conditions of Contract and Standard Specifications for Materials and Works of Indian Railway as amended/corrected upto latest Correction Slips, copies of which can be seen in the office of _____ or obtained from the office of the Chief Manager, _____ Railway on payment of prescribed charges.

(e) Schedule of Rates as amended / corrected upto latest Correction Slips, copies of which can be seen in the office of _____ or obtained from the office of the Chief Manager, _____ Railway on payment of prescribed charges.

(f) All general and detailed drawings pertaining to this work which will be issued by the Manager or her representatives (from time to time) with all changes and modifications.

2. Drawings for the Work: The drawings for the work can be seen in the office of the _____ and / or Chief Manager, _____ Railway at any time during the office hours. The drawings are only for the guidance of Bidder(s). Detailed working drawings (if required) based generally on the drawing mentioned above, will be given by the Manager or her representative from time to time.

3. The Bidder(s) shall quote her / their rates as a percentage above or below the Schedule of Rates of _____ Railway as applicable to _____ Division except where she/they are required to quote item rates and must tender for all the items shown in the Schedule of approximate quantities attached. The quantities shown in the attached Schedule are given as a guide and are approximate only and are subject to variation according to the needs of the Railway. The Railway does not guarantee work under each item of the Schedule.

4, Tenders containing erasures and / or alterations of tender documents are liable to be rejected. Any correction made by tender(s) in her/their entries must be attested by her/ them.

5. The works are required to be completed within a period of _____ months from the date of issue of acceptance letter.

6. Earnest Money:

(a) The bid must be accompanied by a sum of Rs. _____ as earnest money deposited in cash or in any of the forms as specified, failing which the bid will not be considered. However, registered MSEs in terms of Ministry of MSMEs notification No. 503 are exempted from Earnest Money Deposit.

(b) The bidder(s) shall keep the offer open for a minimum period of 90 days from the date of opening of the bid. It is understood that the bid documents have been sold/issued to the bidder(s) and the bidder(s), is / are permitted to bid in consideration of the stipulation on her / their part that after submitting her / their bid subject to the period being extended further, if required by mutual agreement from time to time,

she will not resile from her offer or modify the terms and conditions thereof in a manner not acceptable to the Chief Manager/Manager. Should the bidder fail to observe or comply with the foregoing stipulation, the amount deposited as Earnest Money for the due performance of the above stipulation, shall be forfeited to the Railway.

(c) If the bid is accepted, the amount of Earnest Money will be returned to the successful bidder after the submission of the Performance Guarantees as per clause 4.11, for the due and faithful fulfillment of the contract. This amount of EMD shall be forfeited, if the Bidder(s)/ Contractor(s) fail to execute the Contract Document within 7 days after receipt of notice issued by Railway that such documents are ready or to commence the work within 15 days (unless otherwise specified) after receipt of the order to that effect.

(d) Earnest Money of the unsuccessful Bidder(s) will, save as here-in-before provided, be returned to the unsuccessful Bidder(s) within 15 days after finalization of the bid /negotiation, but the Railway shall not be responsible for any loss or depreciation that may happen to the Security for the due performance of the stipulation to keep the offer open for the period specified in the bid documents or to the Earnest Money while in their possession nor be liable to pay interest thereon.

7. Rights of the Railway to Deal with Tender: The authority for the acceptance of the tender will rest with the Railway. It shall not be obligatory on the said authority to accept the lowest tender or any other tender and no bidder(s) shall demand any explanation for the cause of rejection of her/their tender nor the Railway to assign reasons for declining to consider or reject any particular tender or tenders.

8. If the bidder(s) deliberately gives / give wrong information in her / their tender or creates / create circumstances for the acceptance of her / their tender, the Railway reserves the right to reject such tender at any stage.

9. If the bidder(s) expire(s) after the submission of her / their tender or after the acceptance of her / their tender, the Railway shall deem such tender cancelled. If a partner of a firm expires after the submission of their tender or after the acceptance of their tender, the Railway shall deem such tender as cancelled, unless the firm retains its character.

10. Bidder's Credentials: Bidder shall submit the documents as demanded under Bid Evaluation criteria along with the bid.

11. For Manual Bidding:

Bid must be enclosed in a sealed cover, super scripted "Bid No. _____"and must be sent by registered post to the address of _____Railway so as to reach her/their office not later than _____Hours on the _____ or deposited in the special box allotted for the purpose in the office of Railway. This Special box will be sealed at _____hours on _____. The Bid will be opened at _____ hours on the same day. The Bid papers will not be sold after _____hours on _____.

13. For e- bidding: Relevant guidelines should be followed.

14. Non-compliance with any of the conditions set forth therein above is liable to result in the tender being rejected.

15. Execution of Contract Documents: The successful bidder(s) shall be required to execute an agreement with the President of India acting through the _____ Railway for carrying out the

work according to Standard General Conditions of Contract, Special Conditions / Specifications annexed to the tender and Specification for work and materials of Railway as amended/corrected up to latest Correction Slips, mentioned in tender form (First Sheet).

16. Partnership Deeds, Power of Attorney Etc.: The bidder shall clearly specify whether the bid is submitted on her own or on behalf of a partnership concern. If the bid is submitted on behalf of a partnership concern, she should submit the certified copy of partnership deed along with the tender and authorization to sign the tender documents on behalf of partnership firm. If these documents are not enclosed along with tender documents, the tender will be treated as having been submitted by individual signing the tender documents. The Railway will not be bound by any power of attorney granted by the bidder or by changes in the composition of the firm made subsequent to the execution of the contract. It may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the contractor.

17. The bidder whether sole proprietor, a limited company or a partnership firm if they want to act through agent or individual partner(s) should submit along with the tender or at a later stage, a power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether she/they be partner(s) of the firm or any other person specifically authorising her/them to submit the tender, sign the agreement, receive money, witness measurements, sign measurement books, compromise, settle, relinquish any claim(s) preferred by the firm and sign "No Claim Certificate" and refer all or any disputes to arbitration.

17.1 The bidder shall clearly specify whether the bid is submitted on her own or on behalf of a Partnership Firm/Joint Venture (JV)/Society etc. The bidder(s) who is/are constituents of Firm, Company, Association or Society shall enclose self-attested copies of the Constitution of their concern, Partnership Deed and Power of Attorney along with their bid. Bid Documents in such cases shall to be signed by such persons as may be legally competent, Association or Society, as the case may be.

17.2 The bidder shall give full details of the constitution of the Firm/JV/Company/Society etc. and shall also submit following documents (as applicable), in addition to documents mentioned above:

(a) Sole Proprietorship Firm: The bidder shall submit the notarized copy of the affidavit.

(b) Partnership Firm: The bidder shall submit self-attested copies of (i) registered/notarized Partnership Deed and (ii) Power of Attorney duly authorizing one or more of the partners of the firm or any other persons(s), authorized by all the partners to act on behalf of the firm and to submit & sign the Bid, sign the agreement, witness measurements, sign Measurement Books, receive payment, make correspondences, compromise/settle/relinquish any claim (s) preferred by the firm, sign 'No Claim certificate', refer all or any dispute to arbitration and to take similar action in respect of all Bids/contracts OR said Bid/contract.

(c) Joint Venture (JV): The Bidder shall submit documents as mentioned in Clause 2.4 to GCC.

(d) Company registered under Companies Act-1956: The Bidder shall submit (i) the copies of MOA (Memorandum of Association) and AOA (Articles of Association) of the Company; and (ii) Power of Attorney duly registered/notarized by the company (backed by the resolution of Board of Directors) in favour of the individual, signing the Bid on behalf of the Company.

(e) Society: The Bidder shall submit (i) self-attested copy of the Certificate of Registration, (ii) Deed of Formation and (iii) Power of Attorney in favour of the Tender signatory.

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17.3 If it is mentioned in the Bid that it is being submitted on behalf of/by a Sole Proprietorship Firm/Partnership Firm/Joint Venture/Registered Company etc., the aforementioned document/s (as applicable) should be enclosed along with Bid. If it is NOT mentioned in the Bid that it is being submitted on behalf of/by a Sole Proprietorship Firm/Partnership Firm/Joint Venture/Registered Company etc., then the Bid shall be treated as having been submitted by the individual who has signed the Bid.

17.4 After opening of the Bid, any document pertaining to the Constitution of the Firm/JV/Society etc. shall neither be asked nor be entertained/ considered.

17.5 A Bid from JV/Consortium/Partnership Firm etc. shall be considered only where permissible as per the Bid/ Tender conditions

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

(a) Should a bidder be a retired Manager of the Gazetted rank or any other Gazetted officer working before her retirement, whether in the executive or administrative capacity or whether holding a pensionable post or not, in any department of any of the railways owned and administered by the President of India for the time being, or should a bidder being a partnership firm have as one of its partners a retired Manager or retired Gazetted Officer as aforesaid, or should a bidder being an incorporated company have any such retired Manager or retired officer as one of its Directors or should a bidder have in her employment any retired Manager or retired Gazetted Officer as aforesaid, the full information as to the date of retirement of such Manager or Gazetted Officer from the said service and in case where such Manager or Officer had not retired from Government service at least 2 years prior to the date of submission of the tender as to whether permission for taking such contract, or if the contractor be a partnership firm or an incorporated company, to become a partner or Director as the case may be, or to take the employment under the contractor, has been obtained by the bidder or the Manager or Officer, as the case may be from the President of India or any officer, duly authorised by her in this behalf, shall be clearly stated in writing at the time of submitting the bid. Bids without the information above referred to or a statement to the effect that no such retired Manager or retired Gazetted Officer is so associated with the bidder, as the case may be, shall be rejected.

(b) Should a bidder or contractor being an individual on the list of approved Contractors, have a relative(s) or in the case of partnership firm or company of contractors one or more of her shareholder(s) or a relative(s) of the shareholder(s) employed in gazetted capacity in the any department of the Railway, the authority inviting tenders shall be informed of the fact at the time of submission of tender, failing which the tender may be disqualified/rejected or if such fact subsequently comes to light, the contract may be rescinded in accordance with provision in Clause 7.4 of Standard General Conditions of Contract.

(Signature)

Signature of Bidder(s)

(Designation)

Date _____
_____Railway

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SOUTH WESTERN RAILWAY

CAMC of SPARMV/UBL EQUIPMENTS
(Voith Transmission, Cardon Shaft, Axle Drive
gear with powered Axle torque arm, Controls
& Instrumentation, Skid mounting etc) for a
period of 03 Years.

3. Form of Tender (FOT)

Mechanical (C&W)
HUBLI Division
South Western Railway

FORM OF TENDER (FOT)

- Note: i. The Appendix forms part of the Tender
ii. Tenderers are required to fill up all the blank spaces in this Form of Tender and Appendix.

Name of Work: As in the NIT clause No. 1.1.1

To,
**Tender Inviting Authority,
Address**

1. Having visited the site and examined the General Conditions of Contract as well as Special Conditions of Contract, Conditions of contract on Safety, Health and Environment, Employer's Requirements, Specifications, Instructions to Tenderers including Bill of Quantity, for the execution of above named works, and the matters set out in Appendix 1 hereto, and having completed and prepared Appendix 2, 3, 4, 5, 10, 10A, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25 and 26 hereto, we the undersigned, offer to execute and complete such Cleaning works and remedy defects therein in conformity with the said Conditions of Contract, Specifications, and Addenda (if any) for the amount as quoted in BOQ (Financial Bid) or such other sum as may be ascertained in accordance with the said conditions.
2. We undertake (jointly and severally)*
 - (a) To keep this Tender open for acceptance without unilaterally varying or amending its terms for the period stated in Notice of Invitation to Tender hereto (the withdrawal of any member or any other change in the composition of the partnership/joint venture/consortium on whose behalf this Tender is submitted shall constitute a breach of this undertaking)*; and
 - (b) If our Tender is accepted, we will furnish at our option a Bank Guarantee for Performance as security for the due performance of the Contract. The amount and form of such guarantee or bond will be in accordance with Clause 4.2 of the General Conditions of the Contract and as indicated in the Appendix-1 hereto; and
 - (c) To hold in confidence all documents and information whether technical or commercial supplied to us at any time by or on behalf of the RAILWAY ADMINISTRATION in connection with this Tender or with the above-mentioned Works and, without your written authority or as otherwise required by law, not to publish or otherwise disclose the same.
3. We submit with this Tender a duly executed Tender Guarantee in respect of our obligations under this Tender.
4. Unless and until a formal Agreement is prepared and executed, this Tender, together with your written acceptance thereof, shall constitute a binding contract between us.
5. We undertake, if our Tender is accepted, to commence the works within 15 days of issue of the Letter of Acceptance to complete the whole of the Works comprised in the Contract up to 03 years contract period.
6. We understand that you are not bound to accept the lowest or any tender you may receive.
7. We declare that the submission of this Tender confirms that no agent, middleman or any intermediary has been, or will be engaged to provide any services, or any other item of work related to the award and performance of this Contract. We further confirm and declare that no agency commission or any payment, which may be construed as an agency

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commission has been, or will be, paid and that the tender price does not include any such amount.

8. We acknowledge the right of the Employer, if he finds to the contrary, to declare our Tender to be non-compliant and if the Contract has been awarded to declare the Contract null and void.
9. This Tender shall be governed by and construed in all respects according to the laws for the time being in force in India. The courts at New Delhi will have exclusive jurisdiction in the matter.
10. We agree to abide by this Tender for a minimum period of 180 days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiry of that period or any extended period mutually agreed to.
11. We acknowledge that the Appendix forms an integral part of the Tender.
12. We have independently considered the amount shown Clause 8.5 of the General Conditions of Contract as liquidated damages and agree that they represent a fair estimate of the damages likely to be suffered by you in the event of the work not being completed in time.
13. If our Tender is accepted we understand that we are to be held solely responsible for the due performance of the Contract.

Dated this.....day of..... 20-- --

Signature

Name..... in the capacity of

Duly authorized to sign Tenders for and on behalf of.....

Address

Witness:1– Signature

Name

Address

Occupation

Witness: 2– Signature

Name

Address

Occupation

*** Note:**

If the Tenderer comprises a partnership, joint venture or consortium:

- (a) The provisions marked with an asterisk are to be retained subject to deletion of the brackets and inapplicable descriptions (i.e. partnership, joint venture or consortium).
- (b) The liability of each member under the Tender, and under any contract formed upon its acceptance, will be joint and several.
- (c) An authorised representative of each member must sign the Tender.
- (d) Signature on the Form of Tender shall be witnessed and dated.
- (e) Copies of the relevant power of attorney shall be attached.

Appendix-1

APPENDIX TO THE FORM OF TENDER

	Condition Of Contract Clause No.		
i.	Amount of Bank Guarantee as Performance Security		5% of the Contract Price.
ii.	Latest date for commencement of the works		Date given in LOA or Employer's Notice to Proceed
iii.	Contract Period from the date of commencement of work		Three Years
iv.	'Defects Liability Period' for the whole of the Works		Defect Liability period is not applicable for cleaning works
v.	Insurance for workers/ employees		All of the contractor's employees shall have to be covered under ESI and ECA of Special conditions of contract.
vi.	Amount of Third Party Insurance		Rs. 0.75 Million for any one incident, with number of Incidents unlimited.
vii.	Penalty for poor quality of work		As per penalty clause.
viii.	Penalty for non-completion of work		As per penalty clause.
ix.	Penalty for short deployment of manpower		As per penalty clause.
x.	If any theft case occurred by contractors employee		As decided by competent authority
xi.	Penalty for non availability of required quantity of reagents/detergents/chemicals	As per Employers Requirements clause-2.0	Deduction as per Annexure-6
	Signature of authorized signatory on behalf of Tenderer		

Date...

Name:.....

Address:.....

Place:.....

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Appendix - 2

BILL OF QUANTITIES / PRICING DOCUMENT

We, (name of tenderer/ joint venture) hereby undertake that, the bill of Quantities & Schedule of Payments duly completed in all respect has been uploaded by us in Package 2 – Financial Package.

Signed.....

For and on behalf of

(NAME OF TENDER / JOINT VENTURE)

Appendix – 3

PROFORMA FOR STATEMENT OF MINOR DEVIATIONS

1. The following are the particulars of deviations from the requirements of the Instructions to Tenderers”, “General Conditions of Contract” and “Special Conditions of Contract” :
- 2.

Sl. No	Clause	Deviations	Remarks (Including justification	Price adjustment for withdrawal of each deviation/s

1. We hereby confirm that the pricing for unconditional withdrawal of the above deviations has been given in the financial bid(Appendix-3A)
2. We hereby confirm that all implicit and explicit deviations. Comments and remarks mentioned elsewhere in our proposal shall be treated as Null and Void and stand withdrawn.
3. We hereby confirm that but for the deviation noted in this Appendix-3 our offer is fully and truly compliant.

Stamp & Signature of Tenderer

Note : Where there is no deviation, the statement should be returned duly signed with an endorsement indicating No Deviations’ In case, Performa of deviations is not submitted or submitted as blank, it will be construed that the tenders has not proposed any deviations from tender documents and will provide all equipments as specifications.

Appendix- 4

**GENERAL INFORMATION AND JOINT VENTURE DATA
(Refer Clauses A4.3 of ITT)**

A. TENDERER INFORMATION SHEET		
Tenderers Legal Name		
Legal status of the Tender	Sole Proprietorship Firm/ Partnership Firm / Private Limited Company / Public Limited Company / Joint Venture / Consortium (please tick one)	
In case of JV/Consortium, Legal name of each partner with percentage participation (also provide information of each member in separate sheet (page 2 of 2)	Legal Name of JV/Consortium member	% Participation
	1.	
	2.	
	3.	
Lead member of JV/Consortium		
Tenderer's authorized signatory (name, designation, address, Contact no.)		
Tenderer's authorized representative.. ;(Name, designation, address, contact no.)		
<p>FOLLOWING NEEDS TO BE SUBMITTED BY THE TENDERER: (by each member in case of JV/consortium) :</p> <ul style="list-style-type: none"> a) Affidavit in case of Proprietary firm. b) Partnership Deed in case of partnership firm. c) Memorandum & Article of Association in case of a Public/Private limited company. d) In case of JV/Consortium, MoU/Agreement (duly notarized) entered into by the joint venture / consortium members, containing intended percentage participation, nomination of Lead Member and division of responsibility to clearly define the work of each member etc. e) Authorization/POA in favour of authorized signatory of tenderer to sign the tender, and also in favour of authorized representative of each member in case of JV/Consortium. <p>Note: Tenderer's authorised representative shall be deemed to have authority of the tenderer to receive and deliver any correspondence and attend meetings with RAILWAY ADMINISTRATION related to the tender.</p>		

Stamp & Signature of Tenderer

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

Appendix- 4

B. JV/CONSORTIUM MEMBER INFORMATION	
MEMBER-1	
JV/Consortium Member's Legal Name	
Legal status of the Member	Sole Proprietorship Firm / Partnership Firm / Private Limited Company / Public Limited Company (Tick any One)
Member's country constitution	
Member's legal address, telephone numbers, fax numbers, email address)	
Member's authorized representative (names, fax, designation, address)	
MEMBER-2	
JV/Consortium Member's Legal Name	
Legal status of the Member	Sole Proprietorship Firm / Partnership Firm / Private Limited Company / Public Limited Company (Tick any One)
Member's country of constitution	
Member's legal address, telephone numbers, fax numbers, email address)	
Member's authorized representative (name, designation, address)	

**STAMP & SIGNATURE OF AUTHORIZED SIGNATORY
ON BEHALF OF TENDERER**

Appendix- 5

Undertaking for Truthfulness/ Correctness of the documents submitted/uploaded by the tenderer along with the tender

I..... (Name and Designation)** appointed as the attorney/authorized signatory of the tenderer (including its constituents).

M/s. (Here in after called the tenderer) for the purpose of the Tender documents for the work of as per the Tender No: Of (..... Railway), do hereby solemnly affirm and state on the behalf of the tenderer including its constituents as under:

1. I/we the tenderer (s), am/are signing this document after carefully reading the contents.
2. I/we the tenderer (s) also accept all the conditions of the tender and have signed all the papers in confirmation thereof.
3. I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in. I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the Railway Administration shall be final and binding upon me/us.
4. I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5. **I/we also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.**
6. **I/we declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.**
7. I/we undersigned that if the certificates regarding eligibility criteria submitted by us are found to be forged/false or incorrect at anytime during process for evaluation of tenders, it shall lead to forfeiture of the tender EMD besides banning of business for five year on entire IR. Further, I/we (*insert name of the tenderer*)**_____ and all my/our constituents understand that my/our offer shall be summarily rejected.
8. I/we also understand that if the certificate submitted by us are found to be false/forged or incorrect at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of EMD/SD and PG besides any other action provided in the contract including banning of business for five year.

SEAL AND SIGNATURE
OF THE TENDERER

PLACE:

DATED:

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

Appendix- 10

(On a non-judicial stamp paper of Rs.100/-)

**INDEMNITY
(To be filled by Contractor)**

I on behalf of M/shereby agree and undertake that I have understood all the safety rules and procedures and all staff working on behalf of M/s.....will abide by all safety rules and procedures. I declare that I M/s.....will be responsible for any safety violation/accident etc. RAILWAY ADMINISTRATION will not be responsible in case of any accident and will not compensate financially or otherwise. I M/s.....declare that all the claim raised by staff deputed by me, shall be borne by me only.

I hereby declare that I am sole responsible on behalf of M/s..... for giving such declaration.

.....
Name of Indemnifier
Stamp/seal of the Indemnifier/Contractor

.....
Signature of Indemnifier

Appendix- 10A

(On a non-judicial stamp paper of Rs.100/-)

INDEMNITY

(To be filled by Contractor staff individually)

I hereby agree and undertake that I have understood all the safety rules and procedures and I will abide by all safety rules and procedures. I declare that I will be responsible for any safety violations/accident etc. RAILWAY ADMINISTRATION will not be responsible in case of any accident/incident and will not compensate financially or otherwise. I shall not raise any claim against RAILWAY ADMINISTRATION. All the prescribed uniforms and PPE shall be provided free of cost to staff deployed by me. No claim shall be raised with RAILWAY ADMINISTRATION in this regard.

.....
Name of Indemnifier

.....
Signature of Indemnifier

.....
NAME OF CONTRACTOR

.....
SIGNATURE OF CONTRACTOR

Appendix -11

Obligation/Statutory Compliance to be ensured by Contractor

Sl. No	Item	Compliance of Contractor (To be filled by contractor)	
		Yes	No
1	Registration with Department of Labour, Govt Of India/State Govt		
2	Compliance of minimum wages Act by payment of wage on 7th of every month through Bank or in the presence of nominated representative of employer(RAILWAY ADMINISTRATION Supervisor/manager)		
3(a)	Compliance of provision of ESI Act, EPF Act, Bonus Act and Employees Compensation Act, ESI registration		
3(b)	Ensure treatment in ESI hospital in case of accident/ injuries suffered in performance of work and Compensation under ESI Act.		
4	Send Accident report to Regional Labour Commissioner (RLC) & ESI authorities.		
5	Observance of working hours, weekly rest and overtime payments as per minimum wages Act-1948		
6	PF Registration issued by the Regional Provident Fund Commissioner/ Competent Authority		
7	Professional Tax Registration (Certificate issued by Competent Authority)		
8	PAN/TAN details of the Agency		
9	Bank Account Details		

Signature with seal of Tenderer (Each member in case of JV)

Appendix- 12

(On Company's Letter Head)

Undertaking for corrupt and fraudulent practice

It is confirmed that we or any of our associates have not been engaged in any fraudulent and corrupt practice as defined General Conditions of Contract (GCC) and that no agent, middleman or any intermediary has been, or will be, engaged to provide any services, or any other items of work related to the award or any payment which may be construed as an agency commission has been, or will be, paid and that the tender price will not include any such amount. I will also abide by the code of Integrity as given below.

Stamp &Signature of Tenderer
(Each member in case of JV)

Code of Integrity

No official of a procuring entity or a bidder shall act in contravention of the codes which includes:

(i) Prohibition of;

- a) Making offer, solicitation or acceptance of bribe, reward or gift or any material benefit, either directly or indirectly, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process.
- b) Any omission, or misrepresentation that may mislead or attempt to mislead so that financial or other benefit may be obtained or an obligation avoided.
- c) Any collusion, bid rigging or anticompetitive behaviour that may impair the transparency, fairness and the progress of the procurement process.
- d) Improper use of information provided by the procuring entity to the bidder with intent to gain unfair advantage in the procurement process or for personal gain.
- e) Any financial or business transactions between the bidder and any official of the procuring entity related to tender or execution process of contract; which can affect the decision of the procuring entity directly or indirectly.
- f) Any coercion or any threat to impair or harm, directly or indirectly, any party or its property to influence the procurement process.
- g) Obstruction of any investigation or auditing of a procurement process.
- h) Making false declaration or providing false information for participation in a tender process or to secure a contract;

(ii) Disclosure of conflict of interest.

- (iii) **Disclosure by the bidder** of any previous transgressions made in respect of the provisions of sub-clause (i) with any entity in any country during the last three years or of being debarred by any other procuring entity.

Appendix- 13

SAMPLE FORMAT FOR BANKING REFERENCE FOR LIQUIDITY

BANK CERTIFICATE

This is to certify that M/s is a reputed company with a good financial Standing.

If the contract for the work, namely.....is awarded to the Above firm, we shall be willing to provide overdraft / credit facilities to the extent of ₹..... to Meet their working capital requirements for executing the above contract.

_____Sd.____
Name of Bank: _____
Senior Bank Manager _____
Address of the Bank _____

● Change the text as follows for joint Venture:

This is to certify that M/s who has formed a JV with M/s and M/s for participating in this bid, is a reputed company with a good financial standing.

If the contract for the work, namely.....is awarded to the above joint venture, we shall be able to provide overdraft / credit facilities to the extent of Rs..... to M/s to meet their working capital requirements for executing the above contract.

[This should be given by the JV members in proportion to their financial participation]

Appendix- 14

(UNDERTAKING FOR FINANCIAL STABILITY)

We do hereby undertake that we have not suffered bankruptcy/insolvency during the last 5 years.

STAMP & SIGNATURE OF AUTHORISED SIGNATORY

Note:

1. In case of JV/Consortium, the undertaking shall be submitted by each member of the JV/Consortium.
2. The undertaking shall be signed by authorized signatory of the tenderer. In case of JV/Consortium by the authorized signatory of the constituent members counter signed by the authorized signatory of tenderer.

(DECLARATION- On Company's Letter Head)

1. I/We hereby confirm and declare that my/our firm/company M/s..... and its constituents has been never levied with a penalty for violation of labour Laws for three times in last two years (from the date of opening of tender) by appropriate enforcing agency like Labour commissioner etc.
2. I/We hereby confirm and declare that my/our firm/company M/s..... and its constituents has never been terminated with HUBLI division of south western railway in last 2 years from the date of submission of bid.
3. I/We hereby confirm and declare that my/our firm/company M/s..... and its constituents has not been imposed maximum penalty with HUBLI division of south western railway under previous contract during last two years from the date of submission of bid.
4. I/We further confirm and declare that my/our firm/company M/s.....and its constituents/ members of JV if any has not been banned/debarred by Any central government department/ministry of railway as on the date of tender submission.

STAMP & SIGNATURE OF AUTHORISED SIGNATORY

Appendix- 15

UNDERTAKING FOR DOWNLOADED TENDER DOCUMENT

We here by confirm that, we have downloaded / read the complete set of tender documents (as detailed in NIT)/addendum/clarifications along with the set of enclosures hosted on e-tendering portal <http://Ireps.gov.in> We confirm that we have gone through the bid documents, addendums and clarifications for this work placed up to the date of opening of bids on the e-tendering portal <http://Ireps.gov.in> . We confirm our unconditional acceptance for the same and have considered for these in the submission of our financial bid.

Stamp &Signature of authorized signatory

Financial DATA

Applicant's legal name.....

Date Group Member's legal

Name..... Page..... of..... pages

Each Applicant or member of a JV must fill in this form

Sl.No	Description	Financial Data for Latest Last 5 Years (Indian Rupees)				
		Year 2021- 2022	Year 2022- 2023	Year 2023- 2024	Year 2024- 2025	Year 2025- 2026
1.	Total Assets					
2.	Current Assets					
3.	Total External Liabilities					
4.	Current Liabilities					
5.	Annual Profits Before Taxes					
6.	Annual Profits After Taxes					
7.	Net Worth[= 1 - 3]					
8.	Liquidity [=2 - 4]					
9.	Return on Equity					
10.	Gross Annual turnover					

Attach copies of the audited balance sheets, including all related notes, income statements for the Last five audited financial years, as indicated above, complying with the following conditions.

1. Separate Performa shall be used for each member in case of JV/Consortium.
2. All such documents reflect the financial data of the Applicant or member in case of JV, and Not sister or Parent Company.
3. Historic financial statements shall be audited by Statutory Auditor of the Company under their seal & stamp and shall be strictly based on Audited Annual Financial results of the relevant Period. No statements for partial periods will be accepted.
4. Historic financial statements must be complete, including all notes to the financial statements.
5. Foreign applicants, in whose country calendar year is also the financial year, may submit all relevant data for the last 5 years
6. Return on Equity = Net Income / Shareholders Equity
Return on Equity = Net Income is for the full fiscal year (before dividends paid to common Stock holders but after dividends to preferred stock).

Shareholder's equity does not include preferred shares.

7. The above Annexure shall be duly certified by Chartered Accountant / Company Auditor Under his signature, stamp and membership number.
8. In case the Liquidity is inadequate, the tenderer may submit Banking Reference to establish That they have access to the required working capital.

Appendix- 17

FINANCIAL DATA

(WORK DONE DURING THE LATEST LAST FIVE FINANCIAL YEARS)

NAME OF THE TENDERER:

(All amounts in Rupees in Crores)

Sl. No	DESCRIPTION	Financial Data for Last 5 Audited Financial Years				
		Year 2021- 2022	Year 2022- 2023	Year 2023- 2024	Year 2024- 2025	Year 2025- 2026
1	2	3	4	5	6	7
	Total value of works etc done as per audited financial statements					

NOTE:

1. Separate Performa shall be used for each member in case of JV/Consortium.
2. Attach attested copies of the Audited Financial Statements of the last five financial years as Annexure.
3. All such documents reflect the financial data of the tenderer or member in case of JV/Consortium, and not that of sister or parent company.
4. The financial data in above prescribed format shall be certified by Chartered Accountant /Company Auditor under his signature & stamp and membership number.
5. The above financial data will be updated to last day of the previous month of tender submission price level assuming 5% inflation for Indian Rupees every year and 2% for foreign currency portions per year. The exchange rate of foreign currency shall be applicable 28 days before the submission date of tender.

Appendix-18

WORKS IN HAND

Applicant's legal name..... Date

Group Member's legal Name..... Page.....of..... pages

Name and brief particulars of contract (Clearly indicate the part of the work assigned to the applicant (s))	Name of client with telephone number and fax number	Contract Value In Rupees Equivalent (Give only the value of work assigned to the applicant(s) (Assume inflation as given in Annexure1)	Value of balance work yet to be done in Rupee equivalent as on last day of the previous month of tender submission	Date of Completion as per Contract Agreement	Expected Completion Date	Delay if any, with reason	Value of work to be done on the date of submission during next 48 months
TOTAL							

Note:

1. The financial data in above prescribed format shall be certified by Chartered Accountant /Company Auditor in original under his signature & stamp.

Appendix- 19

**(On Company's Letter Head)
Undertaking for disclosure of information under RTI Act**

We are aware that the Ministry of Railways is required to furnish information to applicants under Right to Information (R.T.I) Act which may include information pertaining to us. We do hereby give our unconditional consent to RAILWAY ADMINISTRATION for providing the information/records to the applicants as 'third party' information under R.T.I Act except for the following matters:

- 1.
- 2.
- 3.

**Stamp & Signature of Tenderer
(Each member in case of JV)**

Appendix- 20

REFUND OF EMD THROUGH NEFT/ RTGS

(Ref. Clause C2.2 (w) of ITT)

1. Name of the firm/ Bidder:
2. Complete Address:
3. Name of the Bank:
4. Branch:
5. Address of the Bank Branch:
6. Account Type:
7. Account Number:
8. IFS Code of the bank Branch:
9. MICR Code of the Bank Branch:
10. Whether a cancelled Cheque of the Bidder/Firm submitted: Yes or No (Please tick)

(A cancelled cheque to be enclosed)

Certified that the information furnished above is correct.

Signature of the Authorized person of the
Firm/ bidder with seal & Date

Appendix- 21

ECS/ NEFT MANDATE FORM

1. NAME OF THE FIRM / PERSON /PARTY.....

2. ADDRESS.....

TELEPHONE NO. & FAX

CELL PHONE:

E. MAIL.....

3. P. A. N NO.

4. PARTICULARS OF BANK ACCOUNT.....

BANK NAME.....

BRANCH NAME & ADDRESS.....

BANK BRANCH TELEPHONE NO.

ACCOUNT TYPE (whether SB or Current):.....

ACCOUNT NO.....

BANK'S MICR CODE:

BANK'S IFS CODE:.....

5. DECLARATION OF THE PARTY :

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not affected at all for reasons of incomplete and incorrect information, the user institution i.e., S. W. Railway will not be held responsible. I have understood the scheme and agree to discharge the responsibility for which i am liable as a participant under the scheme.

Date:

Signature of the supplier /party /Employee

NB: One cancelled cheque / photocopy of the cheque is to be enclosed [where the cheque does not carry IFS code, an attestation from the bank attesting the IFS code should be given].

SIGNATURE OF BANK OFFICIAL

Appendix- 22

GST Registration Details

1. Supplier Name:
2. Supplier GSTIN:
3. Invoice No:
4. Invoice Issue date:
5. Total Value:
6. Taxable Value:
7. Goods A/c HSN service Accounting Code:
8. Goods and Services Description:
9. Unit Qty code:
10. Quantity:
11. Rate:
12. Whether eligible for ITC-partial/Full/Nil:
13. IGST Rate:
14. IGST charged amount:
15. CGST Rate:
16. CGST Charged amount:
17. SGST / UGST Rate:
18. SGST Charged amount:
19. Cess Rate:
20. Cess charged amount
21. Name/recipient of service/Goods
22. Place of supply
23. Recipient GSTIN
24. Tax payable in Reverse charge basis (Y/N)
25. TDS

Appendix- 23

(On Company's Letter Head)

1. DECLARATION REGARDING ASSOCIATION OF RLY. OFFICER(S) OR RETIRED RLY. OFFICER(S) WITH TENDERER(S)

Sl No	Name	Position with the tenderer	Tenderer If working in Rly. on the date of tendering, designation & place of posting	Date of retirement	Position at retirement	Particulars of permission taken for associating with the tenderer

2. Declaration:

A Bidder or contractor being an individual on the list of approved Contractors, have a relative(s) or in the case of partnership firm or company of contractors one or more of his/her shareholder(s) or a relative(s) of the shareholder(s) employed in gazette capacity in any department of Indian Railway.

(Full details : _____)

Signature of the Authorized person of the
Firm/ bidder with seal & Date

Undertaking

We hereby declare that any Ex-railway employee or director or retired manager of the Gazetted rank or any other Gazetted Railway officer has not associated with M/s_____. We further declare that No relative of myself (Individual contractor)/share holders/ Relative of share holders (partnership firm) employed in gazette capacity in any department of Indian Railway.

Signature of the Authorized person of the
Firm/ bidder with seal & Date

Appendix-24

Name of the Work:

Bid No

Declaration by bidders as per GCCS-2018 Clause

I/We_____ (Name and designation) hereby declare that:

1.) I or any constituents of my /our firm ----- has not been levied with a penalty for violation of labour laws for three times in the last two years (from the date of opening of tender) by the appropriate enforcing agency like the Labour Commissioner etc.
2.) I or any constituents of my /our firm ----- had not been terminated under clause 7.4 in that Railway division, with in the previous 2 years from date of submission of bids.
3.) I or any constituents of my /our firm -----has not been imposed a penalty equivalent to the maximum penalty that can be imposed under a previous contract, such a figure being specified, with in the previous 2 years from date of submission of bids. (Period of 2 years shall be reckoned from the date on which the total accrued amount of penalties has reached the maximum penalty that can be imposed under the contract, as specified by the Competent Authority).

Date:

Signature of Tenderer with name and seal

- Note:**1) Name of the work, Bid No & Date should be clearly mentioned.
- 2) **Non submission of properly filled the above certificate in the prescribed format shall lead to summarily rejection of your offer.**
- 3) In case this declaration is found to be false, process for banning of businesses against the bidder/contractor shall be initiated as per extent rules.

FORMAT FOR EXPERIENCE CERTIFICATE

Sl. No	Work Details	Details
1	Name of Work	
2	Agreement Number and date.	
3	Name of the agency.	
4	Agreement value in Rupees (in words and figures).	
5	Actual date of Commencement	
6	Due date of completion of work.	
7	Number of Extensions granted	
8	Actual date of completion of work.	
9	Value of Final Bill if passed (in words)	
10	Work completed but Final measurements not recorded a) Amount paid so far as in CC Bill No.	
11	Work completed, Final measurements recorded with negative variation a) Amount so far paid as in CC Bill No.	
12	Work completed, if Final measurements recorded with positive variation, which is not sanctioned yet. a) Original Agreement value or last sanctioned Agreement value whichever is lower.	
13	Performance of the firm	
14	Penalties if any	

Note:

- 1)** This certificate in this Performa is to be issued only for completed work or ongoing work.
- 2)** The certificate to be issued by an officer not below the rank of JA grade of Indian Railways. This certificate should bear the signature and seal of the issuing officer, name of the department etc. This type of Certificate may be obtained from Superintendent Engineer in charge of the Work from State Government/Public Sector Undertakings.
- 3)** Certificates from private individuals for whom such work has been executed shall not be accepted.

No:
Date:

Signature :
Name of Officer :
Designation :
Address :
Office Seal :
Date :

Appendix-26

CHECK LIST FOR TECHNICAL AND FINANCIAL SUBMISSION				
1.1.4 E-tender No. 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL Equipments (Voith Transmission, Cardon shafts, Axle drive gear with powered axle torque arm, control & Instrumentation, Skid mounting) for a period of Three Years.				
Name of the Firm/Tenderer: M/s				
SL No.	Item	Submitted		Reference Page No. in the Technical Submittal
		Yes	No	
CHECK SHEET FOR TECHNICAL SUBMISSION				
1	Tender Cost and Tender security (EMD) Details			
1.1	Tender Cost of requisite amount submitted in separate sealed Envelope.			
1.2	Tender security of requisite amount submitted in separate sealed envelope			
2	POWER OF ATTORNEY			
2.1	Copy of POA/authorization in favour of authorized signatory of tender documents.			
2.2	In case of JV/Consortium, POA by each member in their authorized signatory			
2.3	Does in case of foreign firm the POA/MOU/JV Agreement is not arised in the country of origin and stamped by Indian Embassy/High Commission.			
2.4	Documents of constitution of the legal entity (Undertaking for proprietorship / Partnership deed / Memorandum and Articles of Association), each member in case of JV/consortium.			
3	DOCUMENTS REQUIRED AS PER CONTRACT			
3.1	Form of Tender (FOT) duly signed by Authorized signatory and also signed by witness.			
3.2	Appendix-1 of FOT.			
3.3	Undertaking for submission of duly completed BOQ/ PRICING DOCUMENT- Appendix-2.			
3.4	Performa for Statement of deviations- Appendix-3.			
3.5	General information & Joint Venture Data- Appendix-4.			
3.6	Affidavit (Non blacklisting/ Rescinded Etc.) -Appendix-5.			
3.7	Indemnity Bond- Appendix-10 Page 1 of 2.			
3.8	Indemnity Bond- Appendix-10 Page 2 of 2.			
3.9	Form for obligation/ statutory compliance to be ensured by contractor- Appendix-11.			
3.10	Undertaking for corrupt & fraudulent practice- Appendix-12.			
3.11	Banking Reference for Liquidity- Appendix-13.			
3.12	Undertaking for Financial stability- Appendix-14.			
3.13	Undertaking for downloaded tender documents- Appendix-15.			
3.14	Undertaking for disclosure of information under RTI Act- Appendix-19.			

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

3.15	Details of refund of EMD through NEFT/RTGS- Appendix-20.			
3.16	ECS/ NEFT MANDATE FORM Appendix-21			
3.17	GST Registration Details Appendix-22			
3.18	DECLARATION REGARDING ASSOCIATION OF RLY. OFFICER Appendix-23			
3.19	Declaration by bidders as per GCCS-2018 Clause - Appendix-24			
3.20	Format for work Experience certificate-Appendix-25			
3.21	Check List- Appendix-26			
4	WORK EXPERIENCE & FINANCIAL DATA			
4.1	Financial data- Appendix-16			
4.2	Financial data for work done during the latest five financial years- Appendix-17			
4.3	Work in hand- Appendix-18.			
4.4	All the forms, Annexure, Appendix etc. submitted as per tender document.			
5	ADDITIONAL REQUIREMENTS			
5.1	PAN No. submitted by tenderer.			
5.2	EPF Registration No.			
5.3	ESI Registration No. and Code No. as per ESI Act 1948.			
5.4	GST Registration No.			
CHECK SHEET FOR FINANCIAL SUBMISSION				
Documents required to be submitted along with the Technical Package				
1	Priced Bill of Quantities.			
2	Appendix-3A Statement of Minor Deviation			
Note: The check list is indicative and not exhaustive. The bidders must go through the Complete tender documents and submit the required document accordingly.				

I have checked the above list with our submittal. I am also aware that if the application is not Containing the above documents, our application is likely to be rejected.

Seal:

Date:

(Signature of Tenderer)



SOUTH WESTERN RAILWAY

CAMC of SPARMV/UBL EQUIPMENTS
(Voith Transmission, Cardon Shaft, Axle Drive
gear with powered Axle torque arm, Controls
& Instrumentation, Skid mounting etc)
for a period of 03 Years.

4. Special Condition of Contract

Mechanical (C&W)
HUBLI Division
South Western Railway

Special Conditions of Contract:

1. Condition

1. This contract is for Comprehensive Annual maintenance Contract for a period of three years from the date of physical start of work. The contractor has to start the work within 15 days from date of issue of LOA.
2. Any visit to attend the failure of the repaired/calibrated/supplied components/sub-assemblies under warranty during AMC will not be reckoned as AMC visit.
3. The railways and Service Engineer of contractor will mutually decide the date of schedule maintenance visits. Railways will give confirmation for availability of machine on agreed dates.
4. The HS SPART being the Emergency Restoration Equipment is called instantaneously to attend an accident in which case the HS SPART have to move to the accident site. In such cases, even though confirmation has been given by the Railways about the availability of the HS-SPART for a planned Schedule maintenance visit in advance, it may not be possible to make HS-SPART available for maintenance. If the HS-SPART is not available when the service engineer arrives at Hubli coaching yard due to above reasons the Service Engineer should either stay back till the arrival of the HS-SPART or he should visit again later on for the same visit without any extra cost.
5. In case, all the visits could not be done in time due to non-availability of the SPARMV or due to some unforeseen reasons, the Railways reserves the right to adjust these visits on other convenient dates or close the contract without these visits and in such case no payment will be made towards these unattended visits.
6. Adequate safety precaution is to be taken by the Contractor to ensure safety of workmen engaged for repair and overhauling work.
7. Contractor should take utmost care to ensure that no damage to the Railway property takes place due to any act of his workmen, while carrying out the work under this Contract.
8. The work shall be carried out without causing infringement to the Railway working and in consultation with SSE/BD/UBL or authorized representative of CDO/UBL.
9. The contractor shall ensure that there shall not be any breakdown of the SPARMV Equipments in between the preventive maintenance schedules.
10. There will be total 02 service visits in 1st year and 03 service visits in 2nd year and 02 service visits in 3rd year as mentioned in the schedule. Maintenance of SPARMV Equipments shall be as per manufacturer's standard / practice. During the preventive maintenance visits, as per requirement and scope of supply, replacement/repair of spares/sub assembly shall be carried out.

11. Apart from scheduled and non-warrantable visits required if any shall be executed on additional cost as per rates of prevailing years per man day charges. If emergency visit is within one month of schedule service visit, it can be considered a part of schedule visit subject to all items of scheduled visits covered.
12. Tools other than those available in SPART shall be arranged by Contractor.
13. Any modification related with schedule of standard examination of SPARMV Equipments issued by RDSO /OEM from time to time shall be adopted by contractor during the currency of contract.
14. Spares that are not covered under must change spare and condition-based spares and required at the time of other than Scheduled maintenance shall be arranged by the contractor and service charges shall be applicable on additional cost as per rates of prevailing years per man day charges, the rates of such items may be got freezed while finalising the contract.
15. Attention of Maintenance schedule of SPARMV Equipments shall be done as defined in the scope of work and revision of maintenance schedule from time to time.
16. All must change spares/items as per Annexure-A, B & C must be attended/ replaced during maintenance schedule as per recommendation of OEM or SSE/BD/UBL or as and when required.
17. If SPARMV is stationed away from the Yard/HQ and it fails during restoration work/operation/working then contractor has to attend the SPARMV at site immediately on advice, within scheduled time as per the condition stipulated in this tender document without any objection.
18. The firm should attend break down calls other than scheduled and warrantable as and when the need arises on additional cost as per the rates of prevailing year per man day charges. Firm shall maintain stock of condition-based spares as per Annexure. If any of the components indicated in the list, are to be replaced, the same shall be supplied within 3 days (or as decided by the competent authority) and fitted in the SPART.
19. Must change spares of 1st, 2nd & 3rd year to be supplied in advance to railway before attaining preventive Maintenance schedule and shall be replaced during Maintenance the payment of spares shall be made only after satisfactory performance of replaced item duly certified by SSE/BD/UBL.
20. In every service visit the service engineer will carry out the schedule as per Maintenance schedules of the Equipments specified in scope of work and will also carry out the fitment of must change and conditional spares as per recommendation of OEM or as per requirement.
21. On completion of the maintenance schedule necessary trial of the SPARMV shall be conducted. The fitness of the SPARMV shall be jointly decided by SSE/BD/UBL and service engineer after trial.

22. As there is separate AMC for engines, in case of conflict between both contractors about any issue, Firms should mutually decide a common date for visit so that any issue regarding each other may be sorted out.
23. The Contractor shall note that no compensation due to any loss of life or loss of material or any other account be given by the Railway Administration while carrying out the work as per agreed terms and the Contractor shall have to pay all the compensation in case of any accident, injury to his/their worker /labour.
24. During the course of the contract, the contractor shall train 4 Nos. of Railway staff for operation and maintenance of the SPARMV Equipments.
25. Within 10 days of receipt of LOA, the contractor should prepare a timetable for attention of preventive maintenance schedule jointly with SSE/BD/UBL and should ensure that the schedules are attended on the dates mentioned in the joint note.
26. The Railways will give contractor full access to the equipment to enable the contractor to provide maintenance services.
27. No TA /DA or any other travelling facility will be provided to the contractor or his agent for undertaking railway journey or any other journey in connection with this contract.
28. Railways shall not pay any additional charges towards fitment of the spares, expenses of service engineer e.g., lodging, boarding, to and from conveyance for the schedule, additional and any emergency visit.
29. In case of an emergency call, service personnel must reach the site within 48 hours from railway intimation.
30. Spare parts which is beyond the scope of this CAMC and required during emergency and normal schedule attention shall be arranged by **contractor and the payment of that parts shall be done by taking the separate quote from contractor.**
31. After completion of the Job/visit Contractor will prepare service report or submit Preventive maintenance Check sheet. SSE/BD/UBL will acknowledge the service report as proof of service rendered.
32. Different monthly, 6 months / 1 year maintenance schedule has been annexed in this tender document to keep the Equipments in good condition at all time. However, contractor has to adopt all latest practices as advised by OEM through their technical bulletin or maintenance manual.
33. In case any major component needs heavy repair due to mishap and mishandling by Railways which cannot be attended at site, it will be taken to the service centre for necessary repair. Contractor should specify the name/place of the service centre where these components will be repaired in such case before taking from railway premises. After repair, it should be returned back to the Railway. All charges incurred

during transportation and etc shall be borne by Railways. However, the requirement of heavy repair arising out of warranty failures shall be attended by Contractor at free of cost including transport.

34. The Contractor shall be fully responsible for any repair arising within the scope of work during the AMC period. Railways shall not incur any expenditure for any breakdown within the scope of work during AMC period.
35. Contractor has to arrange the disposal in safe and law full manner for all effluent, waste products and used items resulting from the installation and maintenance like antifreeze, filters and other consumable items after consulting SSE/BD/UBL.
36. In the event of any dispute or difference of opinion between the Railway Administration and the contractor arising out of this agreement for which provision does or does not exist in this agreement shall be referred to the sole arbitration of General manager, South Western Railway, Hubli or any other person appointed by the Railway Administration as per provision of the arbitration and conciliation Act.
37. In the event of non-fulfillment of any of the terms and condition of this agreement the Administration may forfeit the Performance Guarantee in part or on full and retain it as liquidated damage irrespective of whether the administration has or has not suffered any loss or damage and that decision of Sr.DME(C&W)/UBL so as to forfeit the Performance Guarantee shall be final and binding on the contractor.
38. The contractor(s) must abide by and comply with the provisions and rules of contract labour (regulation and abolition) act 1970 and Central Rules 1971 and shall be bound by the same under all circumstances and in case of any breach of the same, Railway Administration will have the power to terminate the contract forth with without any notice or necessary action as per GCC services. The maintenance agency will fully ensure their employees liability & maintain in a public liability insurance policy with substantial indemnity.
39. The contractor(s) shall be responsible for the compliance with the provision of the hours of Employment regulation in respect of the staff employed by him/them in the manner decided upon by the appropriate authority. The term "appropriate authority" would mean Central Govt. who has laid down rules in respect of hours of employment regulation 1961 and subsequent rules are issued from time to time by the State Govt.
40. Contractor's personnel will follow all security procedure as prescribed by Railways for entry of personnel(s) or bringing in or taking out the material(s) concerning this contract.

2. OBLIGATION OF THE SUCCESSFUL CONTRACTOR

- a) The Service Engineer should sign the service register which shall be kept at SSE/BD/UBL for every schedule visit, Repair of sub assembly, emergency visit and visit for warrantable failure during AMC.
- b) Before start of the maintenance work Contractor should submit the details of persons being engaged for maintenance.
- c) The Contractor shall comply with all the statutory provisions in accordance with contract labour Act"1971 or any subsequent amendment thereof as regards record to be maintained by them in respect of minimum wages, provident fund, workman compensation act, ESI and deduction under the labour laws. Any complaint regarding not observing the said statutory acts/ Labour Laws shall be construed as breach of terms/conditions of the contract and the contract shall be liable for action as per GCC services.
- d) Contractor shall require executing the agreement within 15 days from the date of receipt of the Letter of Acceptance with proper performance guarantee.

3. INSPECTION

All inspection, both at work site and at contractor's premises if required will be done by the authorized representative of Railways. If any major component is required to be taken to the service center, a joint inspection will be done by SSE/BD/UBL or authorized representative and contractor to assess the materials required for repair of the component. All the defective/unusable materials and parts released from the machine will be handed over to the SSE/BD/UBL for his accountal and final disposal.

After service / preventive check / Breakdown attention a joint performance check will be conducted by the railway & firm's representative as a final inspection.

4. WARRANTY

The schedule maintenance activities carried out on the SPARMV Equipments are required to be guaranteed till the next scheduled visit and further three months after the final schedule visit for trouble free performance of the equipment and also against the manufacturing defects of the spares replaced for a period of six months from the date of replacement and fitment. In case of defective workmanship and inferior quality of the spares used, the contractor has to replace the defective spares free of cost and the similar guarantee of six months will be applicable to the replaced spare from the date of such replacement and fitment.

5. CONTRACT PERIOD

The contract period will be three years from the date of commencement of work. Successful tenderer has to start the work within 15 days from the date of issue of LOA. The total no. of service visit / attention in 1st year 2 and 2nd year 3 and 3rd year 2. However, there shall be no limit for breakdown visit. **Each scheduled service visit should be completed in maximum of four days including trail run, each of 8 working hours with deployment of two service engineer.**

6. IDENTIFICATION OF EMPLOYEES

Badge/Identity Card to be given by the Contractor to his service engineer during working hours at maintenance site. Contractor shall be responsible for the conduct of the employees employed by him/them. The representative deployed by contractor for maintenance shall be equipped with all safety equipment like safety helmets, shoes, goggles, gloves etc. **The service engineer must carry authorization letter to carry out maintenance activity.**

7. RESPONSIBILITY OF RAILWAYS:

- I. Provide compressed air / Air connection.
- II. Transportation of the material from Stores (Railway) to the site location for carrying out scheduled maintenance activity at maintenance /work site.

8. PAYMENT

- I. For payment of AMC, contractor shall submit invoice of every schedule check & other necessary certificate / report if any. Payment shall be made for the actual job/ services rendered as per the schedule of rates, on submission of bills in triplicate along with the joint note signed by contractor and SSE/BD/UBL. The Bills for this CAMC will be certified by CDO/UBL. The amount of penalty if any will be deducted from the running bills. All efforts will be made for timely payment. The payment shall normally to be paid within one month of submission of bills with all necessary documents. However, No interest shall be paid in case of any delay.
- II. The periodicity of payment shall be made after each scheduled visit and the payment of the scheduled visits will be made to the contractor only after each successful visit.
- III. Payment of visit charges, mandatory spares & condition base spares will be paid after certification of SSE BD/UBL.
- IV. Rates to be quoted by the Bidders on Lumpsum basis for spare parts as mentioned in the Scope of work, which shall be utilized during the execution of the contract.
- V. Payment under Schedule No. **2,3,4 & 5** of the rate schedule, i.e., "Mandatory Spare Parts of CAMC of SPARMV" and "Optional spares for CAMC of SPARMV", shall be made strictly on the basis of actual consumption, supported by original invoices or bills. These invoices must pertain to the specific spare parts replaced during the course of maintenance and should be duly submitted along with the claim. Furthermore, the consumption of spare parts must be jointly certified by both the Railway Supervisor and the Contractor's Supervisor to validate the usage.
- VI. The rate for individual spare parts under Annexure A, B, C & D of BOQ shall be worked out proportionately based on the percentage deviation of the quoted value from the estimated value of Schedule **2,3,4 & 5** (cost of spares). (Example: If the total cost of spares under schedule **2,3,4 & 5** is quoted 10% below the estimated value, then each individual spare shall be payable at 10% below the estimated rate given in Annexure A, B, C & D).

- VII. The maximum amount payable for each individual spare part shall be restricted to this proportionately derived rate based on the contractor's quoted value, subject to the overall ceiling of the lump sum amount quoted under Schedule No. **2,3,4 & 5**
- VIII. Payment of working bill will be made through RTGS / NEFT system. Contractor has to give consent in a mandate form for receipt of payment through ECS/NEFT. (Refer Appendix-21)
- IX. Delay in payment of contractor's bill will be under no circumstances being accepted as excuse for contractor not to carry contract satisfactorily.
- X. Rates are inclusive of all taxes, so contractor has to pay goods & service tax and all other genuine taxes levied by Central Government, State Government, Municipal Corporation, Local bodies or any other authorized bodies. All applicable taxes will be deducted from the bills as per extant rule.
- XI. CDO/UBL will be the bill passing authority and Sr. DFM/UBL will be the bill paying authority
- XII. Contractor to provide the details of Bank A/C in line with RBI guidelines for the same. These details will include Bank Name, Branch Name & Address, Account type, Bank A/C No. and Bank & Branch code as appearing in MICR cheque issued by the bank. Contractor to attach certificate from their bank certifying the correctness of all above mentioned information.

9. PENALTY

- I. The delay for more than 48 hrs on account of the contractor in attending service/preventive maintenance schedule as per the dates fixed for the maintenance shall be penalized at the rate of **₹1000/- per day**.
- II. **Contractor has to attend the breakdown in following manner: -**
 - a) The contractor should take all care to avoid break down of equipment. If the equipment fails within the warranty period (one schedule attention to another) and if the firm does not reach the equipment site within **48 hrs** of receiving mail / fax / telephonic message, a penalty of **Rs. 2000/- per equipment / day** shall be imposed. Replacement of spares under warranty (six months) shall be free of cost.
 - b) Mandatory spare shall be made available within 03 days from the time contractor's representative identifies the spare to be replaced. If OEM/ authorized agent fails to arrange parts a penalty up to **Rs.2000 /- per equipment per day** may be imposed.
 - c) Optional spares shall be made available within 04 days from the time contractor's representative identifies the spare to be replaced. If OEM/ authorized agent fails to arrange parts a penalty up to **Rs.2000 /- per equipment per day** may be imposed.

- d) Equipments are to be made fit within 48 hrs once the spare (Mandatory/Optional) **which is in the scope of CAMC is available**, failing to do so a penalty of **Rs.2000 /- / equipment /day** shall be imposed.
- e) Contractor has to arrange urgent spares **which are not in scope within 15 days** from the day of requirement or as decided by competent authority at the time of breakdown. If OEM/ authorize agent fails to arrange parts a penalty up to **Rs.2000/- per day per equipment** may be imposed.
- f) Equipments are to be made fit within **48 hrs once the spare which are out of scope** of CAMC and required during breakdown is available. If failed to do so a penalty of **Rs.2000/-/ equipment/day** shall be imposed.
- III. Any adverse remarks regarding quality of work from railway official shall attract penalty of **Rs.1000/- per case** .
- IV. Any deviation from standard work a penalty of **Rs.2000 /- per occasion**.
- V. The contractor should complete whole of the work in all respects on or before the date fixed by the Railways or any authorized extension thereof. The Railway Administration is entitled to impose and recover suitable penalty of **Rs.2000/-** for the incomplete work.
- VI. For those spares/items which are not in the scope of CAMC (i.e., mandatory or optional spares), the material cost of that spare/item will be borne by railways but the cost associated with the removal/fitment of that spare/item will be borne by the contractor.

Note: The maximum penalty should not exceed more than 10%.

10. Damage to Railway Property:

Contractors are responsible for all risks to the works and for trespass and shall make good at their own expense. All loss or damage whether to the works themselves or to any other property to the railway, or the live persons or property of others from whatsoever cause in connection with the works until they are taken over by the Railway shall be as per General Condition of contract for services.

11. EMD

The Bidder shall be required to deposit earnest money with the Bid for the due performance with the stipulation to keep the offer open till such date as specified in the Bid, under the conditions of Bid. The earnest money shall be as under —

	Value of the Work	Earnest Money Deposit (EMD)
a	For works / services estimated to cost up to Rs. 1 crore	2% of the estimated cost of the work

b	For works/ services estimated to cost more than Rs. 1 crore:	Rs. 2 lakhs plus 1 /2% (half percent) cost more than Rs. 1 crore of the excess of the estimated cost of work beyond Rs.1 crore subject to a maximum of Rs. 1 crore.
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Note:

- This earnest money shall be applicable for all modes of Bidding. MSEs registered with District Industries Centres, Khadi and Village Industries Commission, Khadi and Village Industries Board, Coir Board, National Small Industries Corporation, Directorate of Handicraft and Handloom, any other body specified by Ministry of MSME or Start-ups as recognized by Department of Industrial policy & Promotion shall be exempted from payment of minimum EMD detailed in the bid.

12. Performance Guarantee

12.1 Performance guarantee at a rate of 5% of the contractual value shall be deposited by the successful bidder. The successful bidder shall have to submit a Performance Guarantee (PG) valuing 5% of the contract value in four separate parts of 1.25 % each of the contract value, within 30 (thirty) days from the date of issue of Letter of Acceptance (LOA). Extension of time for submission of PG beyond 30 (thirty) days and up to the date of submission of PG from the date of issue of LOA may be given by the Authority who is competent to sign the contract agreement. However, a penal interest of 15% per annum shall be charged for the delay beyond 30 (thirty days, i.e., from 31st day after the date of issue of LOA. In case the contractor fails to submit the requisite PG after 60 days from the date of issue of LOA, a notice shall be served to the contractor to deposit the PG immediately however not exceeding 90 days from the date of issue of LOA). In case the contractor fails to submit the requisite PG even after 90 days from the date of issue of LOA, the contract shall be terminated duly forfeiting EMD and other dues, if any payable against that contract. The failed contractor shall be debarred from participating in re- tender for that work. In case 60th day is a bank holiday or office closure next working day should be considered as the last day for submission of the PGs. Decision of Authority competent to sign the Contract Agreement would be final in case of any dispute.

12.2 The value of PG to be submitted by the, contractor will not change for variation up to 25% (either increase or decrease). In case during the course of execution, value of the contract increases by more than 25% of the original contract value, an additional Performance Guarantee amounting to 5% (five percent) for the excess value over the original contract value shall be deposited in four equal parts by the contractor. On the other hand, if the value of Contract decreases by more than 25% of the original contract value, Performance guarantee amounting to 5% of the decrease in the contract value shall be returned to contractor. The PG amount in excess of required PG for decreased contract value, available with railways shall be returned to the contractor duly safeguarding the interest of Railways.

12.3 The applicable Performance Guarantee shall be calculated as per the revised value of the contract covering all variations up to the determination of the contract. If the penalty imposed exceeds 50% of the applicable maximum penalty (as per the revised value of the contract), a PG equivalent to 25% of the applicable PG shall be forfeited. If the penalty imposed exceeds 75% of the applicable **maximum penalty, a PG equivalent to 50% of** the applicable PG shall be forfeited. The PGs shall be encashed after the completion of the contract.

12.4 The successful bidder shall submit the Performance Guarantees (PG) in any of the following forms, amounting to 5% of the contract value —

- (a) A deposit of cash;
 - (b) Irrevocable Bank Guarantee;
 - (c) Government Securities including State Loan Bonds at 5% below the market value;
 - (d) Deposit Receipts, Pay Orders, Demand Drafts and Guarantee Bonds. These forms of Performance Guarantee could be either of the State Bank of India or of any of the Nationalized Banks;
 - (e) Guarantee Bonds executed or Deposits Receipts tendered by all Scheduled Banks;
 - (f) A Deposit in the Post Office Saving Bank;
 - (g) A Deposit in the National Savings Certificates;
 - (h) Twelve years National Defense Certificates;
 - (i) Ten years Defense Deposits;
 - (j) National Defense Bonds and
 - (k) Unit Trust Certificates at 5% below market value or at the face value whichever is less.
- Also, FDR in favor of Sr.DFM/UBL (free from any encumbrance) may be accepted.

Note - The instruments as listed above will also be acceptable for Guarantees in case of Mobilization Advance.

12.5 The Performance Guarantees shall be submitted by the successful bidder after the Letter of Acceptance (LOA) has been issued, but before signing of the contract agreement. These PGs shall be initially valid up to the stipulated date of completion and maintenance period, if any plus 60 days beyond that. In case, the time for completion of service gets extended, the contractor shall get the validity of PGs extended to cover such extended time for completion and maintenance period, if any of service plus 60 days.

12.6 The Performance Guarantees (PGs) shall be released after physical completion of the work/ service delivery based on "Completion Certificate" issued by the competent authority stating that the contractor has completed the assigned services in all respects satisfactorily and passing of final bill based on "No Claims Certificate" from the contractor. In case any contract provides for warranty/ maintenance clause then 25%, of the Performance Guarantee would be retained till the warranty/ maintenance period is over and a certificate to that effect is issued by the Manager.

12.7 Whenever the contract is rescinded, the Performance Guarantees shall be encashed/ forfeited. The balance work or services for the same shall be got done independently

without risk & cost of the failed contractor. The failed contractor shall be debarred for a period of 2 years from the date of such rescindment from participating in the bid which includes delivery of balance services of failed contract. If the failed contractor is a Partnership firm, then every member/ partner of such a firm shall be debarred for a period of 2 years from the date of such rescindment from participating in the bid which includes delivery of balance services of failed contract in his/her individual capacity.

12.8 The Manager shall not make a claim under the Performance Guarantee except for amounts to which the President of India is entitled under the contract (not withstanding and/or without prejudice to any other provisions in the contract agreement) in the event of —

(a) Failure by the contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Manager may claim the full amount of the Performance Guarantee.

(b) Failure by the contractor to pay President of India any amount due, either as agreed by the contractor or determined under any of the Clauses/Conditions of the Agreement, within 30 days of the service of notice to this effect by Manager.

(c) The Contract being determined or rescinded under provision of the GCC, the Performance Guarantee shall be forfeited in full and shall be absolutely at the disposal of the President of India.

13. Record Keeping:

Records are to be maintained in a log book by contractor which shall have the details of all the works carried out and should be jointly certified by the firm's representative (service engineer) and inspecting officials of the railway and shall be kept in the office of SSE/BD/UBL.

14. Exclusion:

Battery replacement. Overhauling of Engine and any repairs/ replacement of Cylinder Block, Crankshaft, Camshaft, Cylinder Heads, Liners, Pistons and Piston Rings.

15. Deviations:

- a. Unless specifically provided otherwise in the tender, any and all exception which the Tenderer may have to any of the Clauses of the General Conditions of Contract or Special Conditions of Contract or specifications as included in the tender shall be clearly stated. Such exceptions shall be listed in the format, enclosed with the tender as Annexure-3 titled "Minor Deviation" and not anywhere else in the tender document. If the Tenderer has no exceptions, the annexure shall be submitted with a "Nil" statement. If the tenderer does not include the Annexure with the Tender or the said annexure is submitted without signatures, it shall be conclusive

evidence that the Special Conditions of Contract and the Additional Special Conditions of Contract are entirely acceptable to the Tenderer.

- b. Any Deviations from Special Conditions of Contract and the Additional Special Conditions of Contract if any stated by the tenderer in his tender or subsequently introduced by the Railway shall be a part of the Contract only to such extent as have been explicitly accepted by the Railway and incorporated in the contract.
- c. The Railway reserves the right to reject any special conditions stipulated by the Tenderer as considered unacceptable to the Railway and can call upon the Tenderer to withdraw such condition.

16. Termination

Competent authority of Railway or his representative shall be at liberty to give performance notice without any prejudice in writing to the contractor asking him to make good the loss due to neglect or contravention of agreement when observed. If contractor don't comply the instruction advised through performance notice, further action may be initiated as per guidelines of GCC services.

- 17. Price variation (PV) clause:** Price Variation shall not be applicable to this contract. No claim on account of PV shall therefore be entertained under any circumstances.

18. This tender shall be governed by **General Condition of Contract for services** issued by Indian Railway and the subsequent revision from time to time.

19. Replacement of spares i.e. optional and mandatory shall be done as per spares list (Basic cost, GST) and no extra cost shall be paid during whole currency of contract.

20. All the extant policies of Railway Board as to the single tender invited from OEM/Authorized dealer shall be applicable to this contract work.

21. If any ambiguity found between general condition of contract for services and special condition of contract, later will prevail.



SOUTH WESTERN RAILWAY

CAMC of SPARMV/UBL EQUIPMENTS
(Voith Transmission, Cardon Shaft, Axle Drive
gear with powered Axle torque arm, Controls
& Instrumentation, Skid mounting etc)
for a period of 03 Years.

5. Employer's Requirement(ER)

Mechanical (C&W)
HUBLI Division
South Western Railway

Employer's Requirement

1.0 Records of Activity:

Contractor will have to maintain proper records as per direction of Concerned Depot Officer or nominated Senior Section engineer.

2.0 Personnel:

- i. The personnel deployed for the activities should be qualified and trained in the relevant work and have the knowledge of safety procedures.
- ii. The Personnel deployed should be covered with all statutory requirements at the cost of the contractor. The payment to staff is made through bank only.

3.0 Communication

Contractor should provide nearest office address with phone no and contact details of nominated staff / service engineer to co-ordinate with Railway official.

4.0 Working Procedure

In case Railway has provided procedure for operation / maintenance activities then the Contractor will have to follow the same. If Railway have not given procedures, the contractor shall give procedures and the same shall be got approved by the Railway. Contractor shall submit the detailed operation/maintenance/ for different crane as mentioned in the scope of work.

5.0 Accidents:

- i. It shall be the sole responsibility of the contractor to adopt all the safety measures & deploy service personnel who are adequately trained in safety.
- ii. If any accident occurs during work or due to negligence on the part of the contractor's personnel it shall be the full responsibility of the Contractor.
- iii. Contractor shall submit the indemnity bond such that the contractor's staff shall not claim of any type, payment, and employment etc with employer. After completion of contract the contractor shall withdraw all of his staff from the site without any claim.

6.0 Entry Permits Card for Staff:

Identity card to each / service engineer shall be provided by firm while their work at railway premises.

7.0 The contractor shall issue Employment Card to its workmen in Form-XIV within three days of employment. (CL(R&A) C Rules 76 Chapter-VII). The contractor shall issue Service Certificate to its workmen on termination of employment in Form-XV. (CL(R&A) C Rules 77 Chapter-VII).

8.0 The contractor shall maintain all the statutory Registers including the following:

- (a) Registers of persons employed in Form-XIII. CL(R&A) C Rules 75 Chapter-VII.
- (b) Muster Roll Register in Form-XVI. CL(R&A) C Rules 78(a) (i) Chapter-VII.
- (c) Wage Register in Form-XVII. CL(R&A) C Rules 78(a) (i) Chapter-VII.
- (d) Deduction Register for Damage or Loss in Form-XX. CL(R&A) C Rules 78(a) (ii)

Chapter-VII.

(e) Register of Fines in Form-XXI. CL(R&A) C Rules 78(a) (ii).

(f) Register of Advances in Form-XXII. CL(R&A) C Rules 78(a) (ii).

(g) Register of Overtime in Form-XXIII. CL(R&A) C Rules 78(a) (ii).

9.0 The contractor shall strictly follow all the statutory labour laws including but not limited to:

1. The contractor shall within fifteen days of the commencement or completion of each contract work under each contract submit a return to the Inspector in Form-VIA. CL(R&A) C Rules 25(2) (iii).
2. The contractor shall send half yearly return in Form-XXIV (in duplicate) to the Dy. CLC office not later than 30 days from close of the half year. CL(R&A) C Rules 82(1).
3. The contractor shall allow its worker a day of rest every week. (Rule-23 of Minimum Wages (Central) Rules, 1950).
4. The contractor shall pay wages to his workmen not below the rate of Minimum Wages as notified by the State Government or Central Government, whichever is higher, through Bank transfer. The contractor shall submit every month, a documentary evidence of having transferred the gross minimum wages to each of the workman failing which his bills shall not be passed.
5. The contractor shall deposit PF contribution in respect to all its employees up to the wage ceiling limit of 1,000/- or as applicable. The PF shall be computed on Minimum Wages. Splitting of wages will not be allowed.
6. The contractor shall be covered under ESI act 1948, comply its provisions and facilitate benefits under this act to its workmen.
7. The contractors shall pay overtime at the rate of double the ordinary rate of wages, when a worker works for more than nine hours on any day or for more than forty-eight hours in any week. (Rule-25 of the Minimum Wages (Central) Rules, 1950).
8. The contractor shall issue wage slips to its workmen at least one day prior to the disbursement of wages in bank account of staff. (CL(R&A)C Rules 78(b) Chapter VII) – as per Annexure-11 (standardized Performa).

All payments of wages shall be made through bank transfer in advance and in case the work is completed before the expiry of the wage period, final payment shall be made

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

Contract Labour (Regulation & Abolition) Central Rules

FORM XIX

See Rule 78(1) (b)

Wage Slip

Name and Address of Contractor

Name and Address of Workman

1. Nature and location of work_____
2. Name and Father's/Husband's name of the workman_____
3. Rate of daily wages/piece-rate _____
4. Amount of overtime wages _____
5. Gross wages payable _____
6. Deductions a) Contribution for PF_____
- b) Contribution for ESI_____
- c) Others, if any (head wise, with amount_____
7. Net amount of wages paid _____

Initials of the Contractor



SOUTH WESTERN RAILWAY

CAMC of SPARMV/UBL EQUIPMENTS
(Voith Transmission, Cardon Shaft, Axle Drive
gear with powered Axle torque arm, Controls
& Instrumentation, Skid mounting etc)
for a period of 03 Years.

6. Specification

Mechanical (C&W)
HUBLI Division
South Western Railway

Specification

CAMC of SPARMV/UBL Equipments (Voith Transmission, Cardon shafts, Axle drive gear with powered axle torque arm, control & Instrumentation, Skid mounting) for a period of 03 Years.

Other Conditions

- 1) The work has to be carried out as defined in the scope of work or any other instruction given by Concerned Depot officer from time to time. The work should be completed within the stipulated time mentioned in scope of work.
- 2) Adequate safety precautions are to be taken to ensure safety of workers engaged.
- 3) During the course of working, the contractor or their staffs notices any suspicious activity which any have related anti-social/terrorist activities, the matter to be brought to the notice of on duty officials immediately.



SOUTH WESTERN RAILWAY

CAMC of SPARMV/UBL EQUIPMENTS
(Voith Transmission, Cardon Shaft, Axle Drive
gear with powered Axle torque arm, Controls
& Instrumentation, Skid mounting etc)
for a period of 03 Years.

7. Bill of Quantities

Mechanical (C&W)
HUBLI Division
South Western Railway

Bill of Quantities

<u>INSTRUCTION FOR FILLING UP BOQ</u>	
1	This bill of Quantities shall be read in conjunction with instruction to tenderers , General and special conditions of contract , Notice inviting Tenders, Employers Requirement, Technical specification etc
2	The rates and prices tendered in the price bill of quantities are for complete work and complete in all respects. It will be deemed to include all plant, labour, supervision, materials, cleaning chemicals transport, including all leads, lifts ascents, descents, crossing of Rly. Tracks and any other obstructions etc, unloading , loading, handling , rehandling, taxes, octroi, royalty and compensation etc. all temporary works, erection, maintenance , contractor's profit and establishment/ over heads, together with all general risks, insurance liabilities and obligation set out or implied in other contract.
3	Errors will be corrected by the employer for any arithmetic errors in computation or summation as indicated in relevant clause of instructions of tenderers.
4	The percentage to be quoted by Bidders shall be filled in figures and words. In case of quoted percentage having decimal places, only first two digits after decimal will be considered, without any rounding off for third and more digits.
5	The amount arrived at from percentage Quoted in the Bid, would be treated as complete in all respect. It will be deemed to include all incidental charges, supervision, transport, contractor's profit and establishment/overheads, all risks and insurance liabilities, compliance of labour laws and other obligations set out or implied in the contract.
6	The duty hours of the manpower deployed by the contractor shall be maximum of 8 hours per day (excluding rest/break). If the duty time exceeds 8 hours per day (excluding rest/break) ,over time charges shall be paid by the contractor to concerned manpower as per applicable Rules in contract Labour (Regulation & Abolition) Act 1970 without any liability on the part of Railways.
7	Income Tax/TDS and other statutory deductions as applicable will be deducted from every monthly bill by Railways.
8	During the currency of the contract, the successful tenderer may be required to procure necessary insurance policies as stipulated in Terms & Conditions of the contract.
9	Contractor shall be required to pay to its employees roped in for services under the contract , based on category of minimum wages given by Railways and deposit / disburse other statutory dues to respective agencies/employees as claimed by the contractors & paid by Railways.

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

**APPENDIX-3A
PROFORMA FOR STATEMENT OF MINOR DEVIATION**

1. The following are particulars of minor deviation from the requirement of the Tender Document:

Sl No	Clause	Deviation	Price Adjustment for each Deviation

Note:

1. Tenderer shall indicate price adjustment against each deviation in each APPENDIX -3-A of BOQ. This price is the price which the tenderer shall reduce from his tender price if deviation(s) is/are accepted by the employer.
2. Where there is no deviation, the statement should be returned duly signed with an endorsement indicating 'No Deviations'. In case Proforma of deviations is not submitted or submitted as blank, it will be construed that the tenderer has not proposed any deviations from tender document.
3. If the tenderer proposes deviations in tender document, and/or any other terms and condition of the tender, other than in this Annexure, it will have no effect.

**Authorize signatory
On behalf of Tenderer**

SCHEDULE OF RATES

(Should be filled by the bidder only after reading the document and satisfying the conditions below.)

Name of work: CAMC of SPARMV/UBL Equipments (Voith Transmission, Cardon shafts, Axle drive gear with powered axle torque arm, control & Instrumentation, Skid mounting etc) for a period of Three Years.

I- SERVICE VISIT CHARGES FOR CAMC OF SPARMV-UBL FOR 03 YEARS :						
SL N O	YEAR	NUMBER OF VISITS	BASIC SERVICE CHARGES PER VISIT (Rs)	TOTAL SERVICE CHARGES PER YEAR	GST (Rs)	TOTAL SERVICE CHARGES (INCLUDING GST)
1	1st Year	2	₹1,06,392.00	₹ 2,12,784.00	₹ 38,301.12	₹ 2,51,085.12
2	2nd Year	3	₹1,17,031.00	₹ 3,51,093.00	₹ 63,196.74	₹ 4,14,289.74
3	3rd Year	2	₹1,28,734.10	₹ 2,57,468.20	₹ 46,344.28	₹ 3,03,812.48
I = TOTAL SERVICE VISIT CHARGES FOR 03 YEARS (INCLUDING GST) =						₹ 9,69,187.34
II- MUST CHANGE SPARE PARTS (MANDATORY) COST FOR CAMC OF SPARMV-UBL FOR 03 YEARS (As per Annexure-A, B, & C):						
(1) First Year Must Change Spare Part Items- As per Annexure-A						
SL N O	SPARMV-UBL EQUIPMENTS/ARRANGEMENTS			NO. OF SETS REQUIRED FOR 3 YEARS OF CONTRACT	GST %	TOTAL INCLUSIVE OF GST
1	RADIATOR WATER LINE			1	18	₹ 5,99,690.08
2	TRANS. HYD. PIPING ARRANGEMENT			1	18	₹ 72,636.68
3	TRANSMISSION CONTROL CABINET			1	18	₹ 35,834.76
4	W R A PIPING ARRANGEMENT			1	18	₹ 60,815.47
TOTAL COST FOR FIRST YEAR MUST CHANGE SPARE ITEMS (INCLUDING GST)						₹ 7,68,976.99
(2) Second Year Must Change Spare Part Items- As per Annexure-B						
1	EXHAUST ARRANGMENT			1	18	₹ 3,27,251.29
2	RADIATOR MOUNTING ARRANGMENT			1	18	₹ 1,62,627.60
3	AXLE DRIVE GEAR BOX			1	18	₹ 10,498.54
TOTAL COST FOR SECOND YEAR MUST CHANGE SPARE ITEMS (INCLUDING GST)						₹ 5,00,377.43
(3) Third Year Must Change Spare Part Items- As per Annexure-C						
1	VOITH TRANSMISSION T211r.3			1	18	₹ 6,02,578.73

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

TOTAL COST FOR THIRD YEAR MUST CHANGE SPARE ITEMS (INCLUDING GST)					₹ 6,02,578.73
II= TOTAL COST OF MUST CHANGE SPARES FOR SPARMV-UBL FOR 03 YEARS (INCLUDING GST)					₹ 18,71,933.15
III= TOTAL COST OF OPTIONAL SPARES FOR SPARMV-UBL FOR 03 YEARS (INCLUDING GST) as per Annexure-D					₹ 12,03,130.58
IV- BREAKDOWN VISIT CHARGES FOR CAMC OF SPARMV-UBL FOR 03 YEARS (Apart from Scheduled and non-warrantable visits - if required) :					
SL NO	YEAR	NUMBER OF VISITS	BASIC SERVICE CHARGES PER VISIT	GST (Rs)	TOTAL SERVICE CHARGES PER YEAR (INCLUDING GST)
1	1st Year	1	₹79,794.00	₹ 14,362.92	₹ 94,156.92
2	2nd Year	1	₹79,794.00	₹ 14,362.92	₹ 94,156.92
3	3rd Year	1	₹96,550.55	₹ 17,379.10	₹ 1,13,929.65
IV = TOTAL EXTRA SERVICE VISIT CHARGES FOR 03 YEARS (INCLUDING GST) =					₹ 3,02,243.49
Total Cost (INCLUDING GST) for CAMC of SPARMV-UBL Equipments (Voith Transmission, Cardon Shafts, Axle Drive Gear with powered Axle Torque Arm, Control & Instrumentation, Skid Mounting etc) for a period of 03 years = I + II + III + IV =					₹ 43,46,494.56

Note:-

1. The rates are inclusive of all the taxes.
2. The Bidder has to quote only at par/ below/ above in (%) in the Schedules both in figures and words. If there is any **discrepancy** among the % (percentage) quoted in words and % quoted in figures, the % the quoted in words will be taken as correct and final and total value will be arrived based on the % quoted in words only.

**Signature of the Contractor with
Name and Address.**

Important Note:

- The quantities shown above are approximate and to give bidders an idea of the quantum of work involved. Indian Railways 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.
- Rate is inclusive of prevalent percentage of GST. Quoted rate in percent (%) above or below shall be filled by the bidder(s) in figures and in words.
- This rate schedule is for reference only. Rates are to be quoted at IREPS window and duly signed digitally.
 - **For schedule 1:** Rates to be quoted by the bidders at par/ below/ above.
 - **For schedule 2:** Rates to be quoted by the bidders on Lumpsum at par /below/above

- **For schedule 3:** Rates to be quoted by the bidders on Lumpsum at par /below/above
 - **For schedule 4:** Rates to be quoted by the bidders on Lumpsum at par /below/above
 - **For schedule 5:** Rates to be quoted by the bidders on Lumpsum at par /below/above
 - **For schedule 6:** Rates to be quoted by the bidders at par/ below/ above.
-
- **For schedule No 2,3,4 & 5:-**
 - Rates to be quoted by the Bidders on Lumpsum basis for spare parts, which shall be utilized during the execution of the contract.
 - Payment under **Schedule No. 2,3,4 & 5** of the rate schedule, i.e., "Must change spares for SPARMV-UBL and Optional spares for SPARMV-UBL ", shall be made strictly on the basis of actual consumption, supported by original invoices or bills. These invoices must pertain to the specific spare parts replaced during the course of maintenance and should be duly submitted along with the claim. Furthermore, the consumption of spare parts must be jointly certified by both the Railway Supervisor and the Contractor's Supervisor to validate the usage.
 - The rate for individual spare parts under Annexure A,B, C & D shall be worked out proportionately based on the percentage deviation of the quoted value from the estimated value of Schedule **2,3,4 & 5** (cost of spares). *(Example: If the total cost of spares is quoted 10% below the estimated value, then each individual spare shall be payable at 10% below the estimated rate given in Annexure A,B,C & D)*
 - The maximum amount payable for each individual spare part shall be restricted to this proportionately derived rate based on the contractor's quoted value, subject to the overall ceiling of the lump sum amount quoted under Schedule No. **2,3,4 & 5**.
 - The rate quoted in the schedule should be inclusive of all types of duties, taxes and levies applicable to this contract.
 - Documentary evidence/proof of Payment of GST at prevailing rates, if applicable and paid by the contractor, shall be submitted by them. In case the bill for payment is not supported by documentary evidence/proof of having paid GST, then the service tax shall be deducted at prevailing rate.
 - The bidder should offer all the materials for inspection before execution of work and inspection will be done by the authorized Railway Representative.
 - The work should be done as prescribed / provided by the bidder as per the specifications. However, any necessary modification/ Alterations of the items/ work as per site conditions / requirement should be done, as desired by Railways.

Annexure-A

MUST CHANGE SPARES FOR HS SPART- TO BE CHANGED FIRSTYEAR/2500 HOURS WHICHEVER IS EARLIER								
Sl. No	ITEM CODE	ITEM DESCRIPTION	QTY/S PART	UOM	Unit price excluding GST	IGST in %	UNIT PRICE Inclusive GST	TOTAL PRICE Inclusive GST
1. RADIATOR WATER LINE								
1	94721010	BELLOW ASSEMBLY	4	Nos	₹18,407.69	18	₹21,721.07	₹86,884.28
2	94106330	O-RING	8	Nos	₹717.80	18	₹847.00	₹6,776.00
3	99011337	COUPLING PIPE 3" OD (3872268)	12	Nos	₹25,370.94	18	₹29,937.71	₹3,59,252.52
4	99011339	COUPLING PIPE 2 1/2" OD (3872294)	3	Nos	₹19,985.46	18	₹23,582.84	₹70,748.52
5	99011336	COUPLING PIPE 2 1/4" OD (3872258)	2	Nos	₹14,887.09	18	₹17,566.77	₹35,133.54
6	99011338	COUPLING PIPE 1 1/2" OD (3872284)	4	Nos	₹3,335.61	18	₹3,936.02	₹15,744.08
7	99011013	ADAPTOR (116935)	4	Nos	₹362.54	18	₹427.80	₹1,711.20
8	99011035	ADAPTOR (143950)	4	Nos	₹328.34	18	₹387.44	₹1,549.76
9	99011423	HOSE 1/2" (AK5040SS)	2	Nos	₹5,493.77	18	₹6,482.65	₹12,965.30
10	99011422	HOSE 1/2" (AK5020SS)	2	Nos	₹3,781.73	18	₹4,462.44	₹8,924.88
SUBTOTAL-A1							₹1,09,351.74	₹5,99,690.08
2. TRANS. HYD. PIPING ARRANGEMENT								
1	94107180	O RING	4	Nos	₹561.94	18	₹663.09	₹2,652.36
2	91015250	HOSE 1½"NBx620L	4	Nos	₹14,827.19	18	₹17,496.08	₹69,984.32
SUBTOTAL-A2							₹18,159.17	₹72,636.68
3. TRANSMISSION CONTROL CABINET								
1	91020490	HOSE ASSEMBLY	26	Nos	₹1,168.02	18	₹1,378.26	₹35,834.76
SUBTOTAL-A3							₹1,378.26	₹35,834.76
4. W R A PIPING ARRANGEMENT								
1	52595260	COPPER WASHER 1"	15	Nos	₹544.40	18	₹642.39	₹9,635.85
2	91014430	HOSE 1"FEMALE END FITTING	2	Nos	₹2,959.45	18	₹3,492.15	₹6,984.30
3	94720960	CUT OFF VALVE, 1" BSP (Both Side)	2	Nos	₹7,313.90	18	₹8,630.40	₹17,260.80
4	91015260	HOSE 1"x1100 mm L	3	Nos	₹5,923.29	18	₹6,989.48	₹20,968.44
5	52075790	ADAPTOR	2	Nos	₹2,528.00	18	₹2,983.04	₹5,966.08
SUBTOTAL-A4							₹22,737.46	₹60,815.47
TOTAL COST OF 1ST YEAR SPARES								₹7,68,976.99

MUST CHANGE SPARES FOR HS SPART- TO BE CHANGED EVERY TWO YEARS/5000 HOURS WHICHEVER IS EARLIER								
Sl. No	ITEM CODE	ITEM DESCRIPTION	QTY/ SPART	UOM	Unit price excluding GST	IGST in %	UNIT PRICE Inclusive GST	TOTAL PRICE Inclusive GST
1. EXHAUST ARRANGMENT								
1	91002250	Q SHIELD INSUL. SET(STYLE#6009-2S) - SV	1	1set Consist	₹81,460.90	18%	₹96,123.86	96,123.86
2	91002260	Q-SHIELD INSUL. SET(STYLE#6009-2S) - TV	1	1set Consist	₹1,24,588.50	18%	₹1,47,014.43	1,47,014.43
3	91002280	Q SHIELD INSUL. SET(STYLE#6009-2S) -	2	Nos	₹35,641.10	18%	₹42,056.50	84,113.00
SUBTOTAL-B1							₹2,85,194.79	3,27,251.29
2. RADIATOR MOUNTING ARRANGMENT								
1	99011149	ISOLATOR, VIBRATION (2865310)	12	Nos	₹11,485.00	18%	₹13,552.30	1,62,627.60
SUBTOTAL-B2							₹13,552.30	1,62,627.60
3. AXLE DRIVE GEAR BOX								
1	94712510	STRAINER	2	Nos	₹1,041.62	18%	₹1,229.11	2,458.22
2	94802040	BREATHER FILTER	2	Nos	₹1,506.90	18%	₹1,778.14	3,556.28
3	94613150	MAGNETIC DRAIN PLUG	4	Nos	₹426.46	18%	₹503.22	2,012.88
4	52665150	GASKET	2	Nos	₹509.10	18%	₹600.74	1,201.48
5	52595250	COPPER WASHER	4	Nos	₹269.00	18%	₹317.42	1,269.68
SUBTOTAL-B3							₹4,428.63	10,498.54
TOTAL COST OF 2ND YEAR SPARES								5,00,377.43

Annexure- C

MUST CHANGE SPARES FOR HS SPART- TO BE CHANGED EVERY THIRD YEAR								
Sl. No	ITEM CODE	ITEMDESCRIPTION	QTY	UOM	Unit price excluding GST	IGST in %	UNIT PRICE Inclusive GST	TOTAL PRICE Inclusive GST
1. VOITH TRANSMISSION T211r.3								
3	99013012	FILTER ELEMENT (H90.934912)	2	Sets	₹2,55,329.97	18%	₹3,01,289.36	₹6,02,578.73
SUBTOTAL-C1							₹3,01,289.36	₹6,02,578.73
TOTAL COST OF IIIRD YEAR SPARES								₹6,02,578.73

Annexure- D

SPARES TO BE CHANGED ON CONDITION BASIS FOR HS SPART								
CONDITIONAL ITEMS								
Sl. No	ITEM CODE	ITEM DESCRIPTION	QTY/ SPART	UOM	UNIT PRICE Exclusive of GST)	(Total Basic Price)	GST	TOTAL cost including GST
1. CONTROL CUBICLE (Electrical items)								
1	91505790	SHUNT, 100A / 75mV	1	Nos	₹2,769.51	₹2,769.51	18%	₹3,268.02
2	91516760	SHUNT, 50A / 75mV	1	Nos	₹1,978.56	₹1,978.56	18%	₹2,334.70
3	91534710	CIRCUIT BREAKER - 24V DC, 3A, SINGLE POLE	5	Nos	₹2,263.11	₹11,315.55	18%	₹13,352.35
4	91534690	CIRCUIT BREAKER - 24V DC, 6A, SINGLE POLE	3	Nos	₹2,263.11	₹6,789.33	18%	₹8,011.41
5	91534700	CIRCUIT BREAKER - 24V DC, 10A, SINGLE POLE	1	Nos	₹1,671.27	₹1,671.27	18%	₹1,972.10
6	91534720	CIRCUIT BREAKER - 24V DC, 16A, DOUBLE POLE	2	Nos	₹5,064.77	₹10,129.54	18%	₹11,952.86
7	91534330	CIRCUIT BREAKER - 110V DC, 3A, SINGLE POLE	4	Nos	₹2,489.66	₹9,958.64	18%	₹11,751.20
8	91534180	CIRCUIT BREAKER - 110V DC, 6A, SINGLE POLE	10	Nos	₹1,671.27	₹16,712.70	18%	₹19,720.99
9	91534680	CIRCUIT BREAKER , 110V DC, 10A, SINGLE POLE	3	Nos	₹4,414.13	₹13,242.39	18%	₹15,626.02
10	91534840	CIRCUIT BREAKER , 110V DC, 10A, DOUBLE POLE	1	Nos	₹5,064.77	₹5,064.77	18%	₹5,976.43
11	91534340	CIRCUIT BREAKER - 110V DC, 16A, SINGLE POLE	1	Nos	₹2,089.09	₹2,089.09	18%	₹2,465.13
12	91534670	CIRCUIT BREAKER - 110V DC, 40A, DOUBLE POLE	2	Nos	₹5,571.17	₹11,142.34	18%	₹13,147.96
13	91534560	CIRCUIT BREAKER - 230V AC, 3A, SINGLE POLE	3	Nos	₹4,012.78	₹12,038.34	18%	₹14,205.24
14	91534590	CIRCUIT BREAKER – 230V AC, 6A, SINGLE POLE	4	Nos	₹4,012.78	₹16,051.12	18%	₹18,940.32
15	91534300	CIRCUIT BREAKER , 415V AC, 3A, SINGLE POLE	10	Nos	₹4,012.78	₹40,127.80	18%	₹47,350.80
16	91534290	MOULDED CASE CIRCUIT BREAKER, 415V	1	Nos	₹13,911.06	₹13,911.06	18%	₹16,415.05

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

		AC, 100A						
17	91534580	MOTOR PROTECTION CIRCUIT BREAKER, 415V AC, 20A	1	Nos	₹15,173.14	₹15,173.14	18%	₹17,904.31
18	91534310	MOULDED CASE CIRCUIT BREAKER, 415V AC, 250A	1	Nos	₹85,048.26	₹85,048.26	18%	₹1,00,356.95
19	91534320	CIRCUIT BREAKER , 415V AC, 3A, TRIPLE POLE	1	Nos	₹6,616.10	₹6,616.10	18%	₹7,807.00
20	91534570	CIRCUIT BREAKER , 415V AC, 16A, TRIPLE POLE	2	Nos	₹4,936.99	₹9,873.98	18%	₹11,651.30
21	91534970	CIRCUIT BREAKER , 415V AC, 10A, DOUBLE POLE	2	Nos	₹5,064.77	₹10,129.54	18%	₹11,952.86
22	91534640	CIRCUIT BREAKER , 415V AC, 6A, SINGLE POLE	3	Nos	₹4,012.78	₹12,038.34	18%	₹14,205.24
23	91534600	MOTOR PROTECTION CIRCUIT BREAKER, 415V AC, 25A, FOUR POLE	1	Nos	₹14,751.40	₹14,751.40	18%	₹17,406.65
24	91535160	MOTOR PROTECTION CIRCUIT BREAKER, 415V AC, 13A	2	Nos	₹7,715.91	₹15,431.82	18%	₹18,209.55
25	91534610	CIRCUIT BREAKER, 415V AC, 16A, FOUR POLE	1	Nos	₹6,616.10	₹6,616.10	18%	₹7,807.00
26	91534860	MOTOR PROTECTION CIRCUIT BREAKER, 415V AC, 2.4A	1	Nos	₹7,639.09	₹7,639.09	18%	₹9,014.13
27	91534620	UTILITY CIRCUIT BREAKER , 415V AC, 63A, TRIPLE POLE	1	Nos	₹7,552.86	₹7,552.86	18%	₹8,912.37
28	91534360	CONTACTOR, 230V AC, 110A	2	Nos	₹36,157.31	₹72,314.62	18%	₹85,331.25
29	91534370	CONTACTOR , 230V AC, 250A	4	Nos	₹1,53,565.68	₹6,14,262.72	18%	₹7,24,830.01
30	91534550	MECHANICAL INTERLOCK KIT	1	Nos	₹7,262.82	₹7,262.82	18%	₹8,570.13
31	91534940	MECHANICAL INTERLOCK KIT	1	Nos	₹10,000.19	₹10,000.19	18%	₹11,800.22
32	91534870	CONTACTOR , 230V AC, 22A	1	Nos	₹12,986.06	₹12,986.06	18%	₹15,323.55
33	91534880	CONTACTOR , 230V AC, 32A	2	Nos	₹12,753.24	₹25,506.48	18%	₹30,097.65
34	91534890	CONTACTOR, 230V AC, 9A	1	Nos	₹5,005.97	₹5,005.97	18%	₹5,907.04
35	91534190	BLOCKING DIODE, 6A	5	Nos	₹1,091.19	₹5,455.95	18%	₹6,438.02

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

36	91521690	POWER DIODE, 70A	1	Nos	₹4,001.80	₹4,001.80	18%	₹4,722.12
37	91534380	FUSE, 250A	3	Nos	₹6,616.10	₹19,848.30	18%	₹23,420.99
38	91534390	FUSE BASE	1	Nos	₹18,260.13	₹18,260.13	18%	₹21,546.95
39	91520670	EMERGENCY BELL	1	Nos	₹6,224.94	₹6,224.94	18%	₹7,345.43
40	91520700	SIGNAL BELL	1	Nos	₹6,309.60	₹6,309.60	18%	₹7,445.33
41	91521740	WARNING HOOTER	1	Nos	₹3,736.84	₹3,736.84	18%	₹4,409.47
42	91533150	INDICATION LAMPS - 110V DC, GREEN COLOR	6	Nos	₹905.40	₹5,432.40	18%	₹6,410.23
43	91531020	INDICATION LAMPS - 24V DC, RED COLOR	2	Nos	₹1,367.90	₹2,735.80	18%	₹3,228.24
44	91525870	INDICATION LAMP, 230V AC, RED	4	Nos	₹1,509.00	₹6,036.00	18%	₹7,122.48
45	91525880	INDICATION LAMP, 230V AC, YELLOW	4	Nos	₹15,478.07	₹61,912.28	18%	₹73,056.49
46	91525890	INDICATION LAMP, 230V AC, BLUE	4	Nos	₹1,473.73	₹5,894.92	18%	₹6,956.01
47	91525900	INDICATION LAMP, 230V AC, GREEN	4	Nos	₹1,271.48	₹5,085.92	18%	₹6,001.39
48	91525860	LAMP UNIT, 110V DC	2	Nos	₹1,710.47	₹3,420.94	18%	₹4,036.71
49	91535520	AMMETER	1	Nos	₹8,697.35	₹8,697.35	18%	₹10,262.87
50	91535530	VOLTMETER	1	Nos	₹9,567.48	₹9,567.48	18%	₹11,289.63
51	91523880	WATER LEVEL SWITCH CUM INDICATOR	1	Nos	₹24,584.62	₹24,584.62	18%	₹29,009.85
52	91535230	ENGINE RPM CUM HOUR METER	1	Nos	₹1,05,612.27	₹1,05,612.27	18%	₹1,24,622.48
55	91533990	TRANS OIL PRESSURE INDICATOR	1	Nos	₹16,663.33	₹16,663.33	18%	₹19,662.73
56	91534010	TRANS OIL TEMPERATURE INDICATOR	1	Nos	₹16,762.10	₹16,762.10	18%	₹19,779.28
57	97504390	WATER TEMPERATURE GAUGE	1	Nos	₹17,222.25	₹17,222.25	18%	₹20,322.26
58	91535540	AMMETER AUXILIARY	1	Nos	₹9,567.48	₹9,567.48	18%	₹11,289.63
60	91535560	VOLTMETER	1	Nos	₹7,442.33	₹7,442.33	18%	₹8,781.95
61	91535570	VOLTMETER	1	Nos	₹8,558.60	₹8,558.60	18%	₹10,099.15
62	91502060	PUSH BUTTON	3	Nos	₹2,520.23	₹7,560.69	18%	₹8,921.61
63	91520680	PUSH BUTTON	3	Nos	₹1,880.57	₹5,641.71	18%	₹6,657.22
64	91520540	RELAY, 24V DC, 2NO+2NC	10	Nos	₹5,827.50	₹58,275.00	18%	₹68,764.50
65	91533200	RELAY, 24V DC, 3NO WITH ADD ON BLOCK 2NO+2NC	3	Nos	₹6,398.96	₹19,196.88	18%	₹22,652.32
66	91503910	RELAY, 24V DC, 2NO+2NC	1	Nos	₹5,046.74	₹5,046.74	18%	₹5,955.15

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

67	91520580	RELAY, 110V DC, 3NO+1NC	2	Nos	₹6,398.96	₹12,797.92	18%	₹15,101.55
68	91520500	RELAY, 110V DC, 2NO+2NC	2	Nos	₹7,747.27	₹15,494.54	18%	₹18,283.56
69	91520890	RELAY, 110V DC, 4NO WITH ADD ON BLOCK 2NO+2NC	5	Nos	₹7,915.02	₹39,575.10	18%	₹46,698.62
70	91520920	RELAY, 110V DC, 4NO WITH ADD ON BLOCK 3NO+1NC	1	Nos	₹7,910.32	₹7,910.32	18%	₹9,334.18
71	91533190	RELAY, 110V DC, 2NO+2NC	5	Nos	₹8,705.19	₹43,525.95	18%	₹51,360.62
72	91535580	RELAY, 110V DC, 2NO+2NC WITH ADD ON MECHANICAL LATCH	2	Nos	₹14,157.99	₹28,315.98	18%	₹33,412.86
73	91534500	RELAY, 110V DC, CURRENT SENSITIVITY : 30 – 300mA	2	Nos	₹16,691.55	₹33,383.10	18%	₹39,392.06
74	91512430	RELAY, 110V DC, FBI SERIES(6)	1	Nos	₹5,095.34	₹5,095.34	18%	₹6,012.50
75	91512430	RELAY, 110V AC, 2NO+2NC	2	Nos	₹5,095.34	₹10,190.68	18%	₹12,025.00
76	91534510	RELAY, 415V AC, 2NO+2NC	1	Nos	₹5,131.40	₹5,131.40	18%	₹6,055.05
77	91509370	HANDLAMP SOCKET	1	Nos	₹514.24	₹514.24	18%	₹606.80
78	91534540	SWITCH, 15A, DPST	4	Nos	₹1,197.80	₹4,791.20	18%	₹5,653.62
79	91520830	SWITCH, 10A, DOUBLE POLE, 2 WAY WITH OFF	1	Nos	₹23,741.14	₹23,741.14	18%	₹28,014.55
80	91507960	SWITCH, 15A, SPST	3	Nos	₹528.35	₹1,585.05	18%	₹1,870.36
81	91533520	SWITCH, 15A, SINGLE POLE CHANGE OVER	3	Nos	₹841.91	₹2,525.73	18%	₹2,980.36
82	91534910	SWITCH, 32A, 3 POLE	2	Nos	₹23,741.14	₹47,482.28	18%	₹56,029.09
83	91535510	SWITCH, 24V DC, ELECTRONIC TYPE	1	Nos	₹1,62,422.94	₹1,62,422.94	18%	₹1,91,659.07
84	91521530	TIMER RELAY	3	Nos	₹4,508.98	₹13,526.94	18%	₹15,961.79
85	91552840	ADJACENT JUMPER (FOR PLUG IN TYPE WAGO)	20	Nos	54.87	₹1,097.40	18%	₹1,294.93
SUBTOTAL-D1					₹10,84,826.70	₹20,47,063.40		₹24,15,534.81
2. DRIVER DESK (Electrical items)								
1	91533170	INDICATION LAMP, 110V DC, RED COLUR	10	Nos	₹905.40	₹9,054.00	18%	₹10,683.72
2	91533150	INDICATION LAMP, 110VDC, GREEN COLUR	4	Nos	₹905.40	₹3,621.60	18%	₹4,273.49

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

3	91533160	INDICATION LAMP, 110VDC, AMBER COLUR	3	Nos	₹905.40	₹2,716.20	18%	₹3,205.12
4	91525860	LAMP UNIT	2	Nos	₹1,710.47	₹3,420.94	18%	₹4,036.71
5	91502060	PUSH BUTTON , 1NO+1NC, GREEN	2	Nos	₹2,520.23	₹5,040.46	18%	₹5,947.74
6	91520680	PUSH BUTTON, 1NO+1NC, RED	6	Nos	₹1,880.57	₹11,283.42	18%	₹13,314.44
7	91529690	PUSH BUTTON, 2NO+2NC, GREEN	2	Nos	₹2,436.36	₹4,872.72	18%	₹5,749.81
8	91509370	HAND LAMP SOCKET 110VDC	2	Nos	₹514.24	₹1,028.48	18%	₹1,213.61
9	91514390	SWITCH, 400A, DPST	1	Nos	₹22,628.79	₹22,628.79	18%	₹26,701.97
10	91534780	SWITCH	1	Nos	₹1,29,460.81	₹1,29,460.81	18%	₹1,52,763.76
11	91534800	SWITCH CENTER KEY LOCK	1	Nos	₹6,375.44	₹6,375.44	18%	₹7,523.02
12	91533520	SWITCH, 15A, SINGLE POLE CHANGE OVER	1	Nos	₹841.91	₹841.91	18%	₹993.45
13	91507960	SWITCH, 15A, SPST	3	Nos	₹528.35	₹1,585.05	18%	₹1,870.36
14	91552840	ADJACENT JUMPER	30	Nos	₹54.87	₹1,646.10	18%	₹1,942.40
15	91534790	MASTER CONTROLLER(MC)	2	Nos	₹7,81,434.51	₹15,62,869.02	18%	₹18,44,185.44
SUBTOTAL-D2					₹9,53,102.75	₹17,66,444.94		₹20,84,405.03
3. ELECTRICAL MISCELLANEOUS								
1	91534730	ENGINE OVER SPEED SWITCH	1	Nos	₹95,917.80	₹95,917.80	18%	₹1,13,183.00
3	91533990	TRANSMISSION OIL PRESSURE INDICATOR	1	Nos	₹16,663.33	₹16,663.33	18%	₹19,662.73
4	91529360	TRANSMISSION OIL PRESSURE TRANSMITTER	1	Nos	₹17,139.15	₹17,139.15	18%	₹20,224.20
5	91534010	TRANSMISSION OIL TEMPERATURE INDICATOR	1	Nos	₹16,762.10	₹16,762.10	18%	₹19,779.28
6	91534020	TRANSMISSION OIL TEMPERATURE TRANSMITTER	1	Nos	₹15,140.21	₹15,140.21	18%	₹17,865.45
7	91507710	PRESSURE SWITCH	1	Nos	₹45,843.16	₹45,843.16	18%	₹54,094.93
8	91507700	TEMPERATURE SWITCH	1	Nos	₹34,649.09	₹34,649.09	18%	₹40,885.93
9	91509420	PRESSURE SWITCH	1	Nos	₹11,517.82	₹11,517.82	18%	₹13,591.03
10	91534740	PUSH BUTTON, RED	1	Nos	₹6,795.61	₹6,795.61	18%	₹8,018.82
11	91534750	PUSH BUTTON, GREEN	1	Nos	₹1,820.21	₹1,820.21	18%	₹2,147.85
12	91534760	PUSH BUTTON, YELLOW	1	Nos	₹2,651.93	₹2,651.93	18%	₹3,129.28
SUBTOTAL-D3					₹2,64,900.41	₹2,64,900.41		₹3,12,582.48



SOUTH WESTERN RAILWAY

CAMC of SPARMV/UBL EQUIPMENTS
(Voith Transmission, Cardon Shaft, Axle Drive
gear with powered Axle torque arm, Controls
& Instrumentation, Skid mounting etc) for a
period of 03 Years.

8. Scope of work

Mechanical (C&W)
HUBLI Division
South Western Railway

1. SCOPE OF WORK:

1. This Comprehensive Annual Maintenance Contract (CAMC) is for the following Equipment of SPARMV/UBL (Manufacturing year: 2016) for a period of three years, same is stabled at Hubli coaching yard of UBL Division of South Western Railway.

SL NO	DESCRIPTION	QUANTITY PER SPART
1	T211r.3 VOITH TRANSMISSION	2 Nos
2	AXLE DRIVE GEARBOX WITH POWERED AXLE AND TORQUE ARM ASSEMBLY	2 Nos
3	CARDAN SHAFT	2 Nos
4	CONTROLS & INSTRUMENTATION	2 Set
5	SKID MOUNTING	2 Nos
6	TRACTION ENGINE BATTERIES (24V)	6 Nos

2. Schedule of preventive maintenance: The contractor has to perform service/preventive maintenance as per the schedule annexed in BOQ. The service visits shall be done 02 visits for the first year, 03 visits for second year & 02 visits for third year as per schedule. Each visit should be completed in maximum four days, each of 8 working hours with two service engineers.
3. Contractor has to perform service / preventive maintenance as below:

Sl No	Type of schedule
1	Half yearly
2	Yearly
3	Two Yearly
3	Three Yearly

The detailed plan for attention of type of schedule shall be mutually decided at the time of execution. On completion of the maintenance schedules in each service visit, the service engineer has to fill up & submit the maintenance schedule forms annexed with this tender document which will inter alia contain.

1. Replacement of consumables, if any as per recommendation of OEM.
2. Repair of any of the sub-assemblies, if any.
3. Fitting and commissioning of any new component, as & when required.
The maintenance schedule after attention must be jointly signed by **SSE/BD/UBL** and Service Engineer.
4. In addition to the above, the contractor is required to attend breakdown repairs as and when arises. Contractor should put all effort to prevent any breakdown during currency of contract.

5. The must change and condition-based items shall be replaced by contractor as per recommendation of SSE/BD/UBL and OEM from Annexure A, B ,C & D or as and when required.
6. Contractor has to attend any other works/latest practice/attention as suggested by OEM from time to time through technical bulletin or maintenance manual. The firm shall use the spare parts of OEM make or equivalent (in case of not being manufactured by OEM) for replacement. All such materials or spares for replacement shall be witnessed by the SSE/BD/UBL prior to the replacement.
7. Components Covered under CAMC:
The following components are covered under CAMC of SPARMV/UBL.

SL NO	ITEM DESCRIPTION
1	Exhaust arrangement
2	Radiator mounting arrangement
3	Radiator water line
4	Air intake arrangement
5	W R A Piping arrangement
6	Transmission Hyd. Piping arrangement
7	Transmission control cabinet
8	Hose assembly (Transmission control cabinet)
9	Torque arm arrangement
10	Axle drive gear box
11	Skid mounting
12	Voith Transmission T211r.3
13	Control Cubicle (Electrical items)
14	Driver Desk (Electrical items)
15	Traction Batteries-24V
16	Cardan Shaft
17	Electrical Miscellaneous items

2. SPARMV SPECIFICATION:

SL NO	DESCRIPTION	MAKE
1	Transmission	VOITH TURBO TRANSMISSION – T 211 r.3
2	Axle Drive Gear Box and Torque Arm	M/s SAN (Two stage, Helical and Bevel)
3	Cardan shaft	M/s VOITH TURBO ST 225.7
4.	Skid Arrangement	M/s SAN, Bangalore

➤ Voith Hydraulic Transmission T 211 r.3

SL NO	DESCRIPTION	VALUE
1	Max. Input Power	320 kW

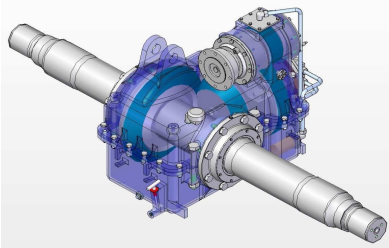
Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

2	Operating oil temp	Max 1300 C
3	Oil Capacity	75 Liters (Initial Fill)
4	Dry Weight	840 kg

Brief Activity: -

1. Complete check for oil leakage, hose pipe damages and pneumatic & hydraulic connection.
2. Draining out transmission oil, check for any metal particles inside the transmission. Check to ensure that the turbo transmission contains the specified amount of power Transmission fluid. If necessary, top up the power transmission oil with the same oil/Grade. (Linking of recommendation of oil)
3. Replacement of all filters for both transmissions.
4. Checking of forward-reverse sliding gear for proper functioning.
5. Transmission shall be monitored for high temperature and any abnormal noise before being cleared for regular service.
6. Refer Annexure for daily, weekly, monthly, half yearly, yearly, Two & Three yearly maintenance Schedule.

➤ **AXLE DRIVE GEAR BOX**

SL NO	DESCRIPTION	VALUE	
1	Material	As per IRS specification R 43-92	
2	Total length	2362 +0.5 mm -0.0 mm	
3	Centre distance between bearings axle box	2210 ±0.5 mm	
4	Capacity	17.5t	
5	Axle weight	505 Kgs	
6	Qty per power pack	1 No	

Brief Activity: -

1. General check-up for oil leak from joints and oil seals.
2. Clean breather.
3. Sample oil will be taken out and checked for conditions and for the presence of metal Particles. Top up oil level if level is low.
4. Refer Annexure for daily, weekly, monthly, half yearly, yearly, Two & Three yearly maintenance Schedule.

➤ **TORQUE ARM**



Brief Activity: -

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

1. Check the tightness & locking of fasteners.
2. Lubrication of spherical joint to be done as and when required.
3. Spring disc to be checked physically, if found damaged replace it.
4. Pre-compression of spring disc to be maintained for the specified value by tightening the castle nut at one end of torque arm.
5. Spherical joint and bushes are checked for wear.
6. Circlips and split pins if failed, replace them.
7. Refer Annexure for daily, weekly, monthly, half yearly, yearly, Two & Three yearly maintenance Schedule.

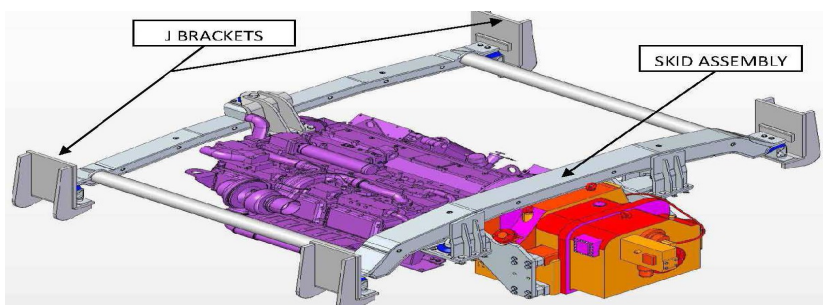
➤ **CARDAN SHAFTS (Voith ST 225.7)**



Brief Activity: -

1. General check-up for all bolts and flanges and torque tighten them.
2. Re-greasing will be done through greasing point
3. Please check the alignment of the forks.
4. The arrow marks (->) and point markings must line up.
5. The sliding sections are paired and should not be mixed up.
6. Lubricate the shaft with the lubricating nipple before the putting the vehicle into operation.
7. Refer Annexure for daily, weekly, monthly, half yearly, yearly, Two & Three yearly maintenance Schedule.

➤ **SKID ARRANGEMENT**



Brief Activity: -

1. The engine & Transmission supported on 3 AVMs.
2. Total skid is supported / Hung on 4 AVMs.
3. Two stage suspension, Low vibration transmissibility to under frame.
4. Refer Annexure for daily, weekly, monthly, half yearly, yearly, Two & Three yearly maintenance Schedule.

➤ **CONTROL CUBICLE**

1. Control Cubicle consists of 125KVA DA SET controls, Traction Controls, Feeder Change-over controls, switches of Fans & Lights of cabin. All Indication Lamps and monitoring controls like, Meters, Gauges and also HMI of PCC1302 of 125KVA DA SET is provided on the control cubicle. All Relays & Timers, Circuit Breakers & Fuses, Rotary switches, Gauges & Meters, Power & Control diodes, Bells, Hand lamp socket, power contactors for switching light and fan circuits, Power switches for 24VDC, 110VDC, 110VAC, 230VAC and 415VAC selection and other minor equipment are housed in Control cubicle of Supervisory Van and Tool Van.

2. A set of CB's in Control Cubicle is provided for the protection of cab lights, cab fans, head & tail lights, front flasher light.

➤ **DRIVER DESK**

1. All traction related Indication lamps, Driver Control Switch, Master Controller, Pneumatic Brake Valves with Gauges, Fault indicating Flasher lamp & Hooter, Push buttons, Hand lamp socket, Rotary switches, Electrical & Pneumatic Switch controls, DC-DC Converter for Head Light & Front Flasher Unit, Pressure switches & Magnet Valves for Brake control are housed in Driver desk of Supervisor Van and Tool Van.

2. Speed Recorder cum Indicator is provided inside Driver cab of Supervisor Van and Tool Van for recording and indicating actual speed, time and distance traveled by the vehicle.

➤ **CONTROL AND INSTRUMENTATION**

Necessary attention as per requirement for control equipment including gauges, instruments, and safety devices for safe & satisfactory performance.

3. Working Time:







All the maintenance work shall be performed during Railway working hours i.e., Preferably from 08:00 to 18:00 hrs or as advised by CDO/UBL or his authorized representative i.e. SSE/BD/UBL.

4. BREAK DOWN ATTENTION

- I. The contractor has to attend breakdown maintenance of the SPART Equipments as and when intimated by railway. The requirement of service engineer during breakdown of equipments and repairs to sub-assemblies can come from Designated Railway Official phone/fax/letter to the Contractor giving brief details of nature of trouble and place of availability of machine where service engineer is required.
- II. Whenever the repairs/overhaul is not possible at site, the sub-assemblies/equipments may be dismantled and may be taken to contractor service centre and will be fitted back after due repairs. Whenever the contractor will take the Railway spare/sub-assemblies/SPART Equipment at his Work shop for repair/overhauling. Contractor will submit a Bank Guarantee to cover the cost of the materials decided by Railway Authority along with reason. However, subject to the approval of Railway authority, the Contractor may furnish Indemnity Bond on Rs.20 Non judicial stamp paper. Railway can also permit to take the materials without any of the above documents adjudging the cost of material and Security deposit.

5. The work shall be carried out by the contractor conforming to latest practices, norms and regulations and workmanship should be of the highest standard.
6. Any failure to SPARMV Equipments shall be attended by Contractor and if it is found that the repair/replacement of the item does not come under purview of CAMC and as the AMC is comprehensive in nature, contractor has to arrange such spares & made equipment fit within time frame.
7. For every attention/replacement/repair, a Joint Inspection Report has to be prepared by authorized representative of Railway and contractor regarding failure and if the item is found beyond economic repair/non repairable then replacement of the Item is to be done by contractor.

8. RECOMMENDED OILS / LUBRICANTS FOR HS SPARTS

ITEM	MAKE / MODEL	INDIAN OIL CORPN. LTD.,  IndianOil	BHARATH PETROLEUM CORPN. LIMITED  Bharat Petroleum	HINDUSTAN PETROLEUM CORPN. LTD.  HP	SHELL  SHELL	CALTEX PETROLEUM  CALTEX	VALVOLINE  Valvoline	QTY / VEHICLE SET 
DIESEL ENGINE	CIL NTA-14 R	SERVO-PREMIUMXHP 15 W-40 (meeting API class CH4)	BHARATH ULTRA SUPREME 15 W-40 (meeting API class CH4)	HYLUBELL 15 W-40 (meeting API class CH4)	RIMULA PREMIUM 15 W-40 (API- CH4)	---	Valvoline premium Blue 15 W-40, (API-CH4)	40x2 = 80 Lts.
TRANSMISSION	T 211.r3	---	---	---	SHELL TEGULA V 32	TORQUE FLUID 32	---	INITIAL FILL 75 Lts 75x2 = 150 Lts
FINAL DRIVE	SAN	SERVO GEAR HP 90	BHARATH SPIROL 90	HP GEAR OIL EP-90	---	---	---	INITIAL FILL 32 Lts RIFILL 28 Lts 28x2 = 56 Lts
CARDAN SHAFT	VOITH TURBO				SHELL Retinax A	---	VALVOLINE LB 2	AS REQUIRED

Axle Drive Gear Box (ADGB) oil:

Supplier Brand Name	IOC Survogear HP-90 BPC Bharat spiral EP – 90 HPC HP Gear oil EP - 90
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Annexure-1

**SCHEDULE OF STANDARD EXAMINATION OF BG SPART
(Hydraulic Transmission, Axle Drive, Cardan Shaft)**

DAILY SCHEDULE

DPC/DTC No.:
Date

Cumulative km.:
Cumulative hrs.

SL No	Details of work to be carried out	Basis of changes		Remarks
		Condition	Compulsory	
1	Externally clean and check for leakages in transmission line.			
2	Externally clean and check for leakages of oil in axle drive by running the engine.			
3	Check proper working of: i) Transmission oil temperature gauge. ii) Transmission oil pressure gauge.			
4	Check oil level of axle drive & top up if necessary.	yes		
5	Check oil level of transmission & top up if necessary.	yes		
6	Check tightness of flange bolt of cardan shaft. Do greasing if required.			
7	Change ADGB oil after first 50 hours of operation. Not to be repeated during the subsequent trip schedules			

Annexure-2

**SCHEDULE OF STANDARD EXAMINATION OF BG SPART
(Hydraulic Transmission, Axle Drive, Cardan Shaft)**

WEEKLY SCHEDULE

DPC/DTC No.:
Date

Cumulative Km:
Cumulative hrs.

Repeat all checks of Daily Schedule

SL No	Details of work to be carried out	Basis of changes		Remarks
		Condition	Compulsory	
1	Check the condition of flexible coupling securing bolts.			
2	Check the tightness of the following: i) Engine transmission mounting bolts. ii) Flange joint bolts: a) Between engine and transmission. b) Between transmission and axle drives. iii) Axle drive & torque arm securing bolts (420 Nm) iv) Mounting bolts of torque reaction arm. (790 Nm)			

**SCHEDULE OF STANDARD EXAMINATION OF BG SPART
(Hydraulic Transmission, Axle Drive, Cardon Shaft)**

HALF YEARLY SCHEDULE

DPC/DTC No.:
Date

Cumulative km.:
Cumulative hrs.

Repeat all checks of Daily & Weekly schedules

SL No	Details of work to be carried out	Basis of changes		Remarks
		Condition	Compulsory	
CONDITION: DIESEL ENGINE STOPPED				
1	Transmission:			
	A. Oil - 1st change after 50 hrs. Service and subsequently in Two yearly schedules.		YES	
	B. All filters - 1st change after 50 hrs. Service and subsequently in Two yearly schedules.		YES	
2	Check for abnormal play in universal joint of cardan shaft. Repair if necessary.			
3	Lubricate rolling & sliding part of cardan shaft with grease			
CONDITION: DIESEL ENGINE RUNNING				
4	Check for the leakages in the system			
	Repairs booked by driver			
	1			
	2			
	3			
	SSE (ART/ARMV) Name & Sign		SUP Name & Sign	

**SCHEDULE OF STANDARD EXAMINATION OF BG SPART
(Hydraulic Transmission, Axle Drive, Cardan Shaft)**

TWO YEARLY SCHEDULE

DPC/DTC No:
Date

Cumulative km:
Cumulative hrs.

Repeat all checks of Daily, Weekly & Half yearly schedules

SL No	Details of work to be carried out	Basis of changes		Remarks
		Condition	Compulsory	
CONDITION: DIESEL ENGINE STOPPED				
1	Check for metal particle inside transmission.			
2	Flush and change oil		YES	
3	Change Filter		YES	
4	Check for proper function of Forward/Reverse mechanism			
5	Check for control piston for any burr & dress if necessary.			
6	Visually check i) Bearing condition ii) Monitor for high temperature and abnormal noise			
7	Cardan shaft a) Check for specified torque tightness of joint flange bolts (140 Nm). b) Grease at spline section till old grease comes out.			
8	Axle drive a) Check for oil leakage b) Clean breather c) Take sample of oil. Check for metal particle d) Top up oil if necessary			
CONDITION: DIESEL ENGINE RUNNING				
9	Check for – i) Oil leakage ii) Condition of hoses iii) Pneumatic & hydraulic joints			
	Repairs booked by driver			
	1			
	2			
	SSE (ART/ARMV) Name & Sign		SUP Name & Sign	

Annexure-5

**SCHEDULE OF STANDARD EXAMINATION OF BG SPART
(Hydraulic Transmission, Axle Drive, Cardan Shaft)**

FOUR YEARLY SCHEDULE

DPC/DTC No:
Date

Cumulative km:
Cumulative hrs.

Repeat all checks of Daily, Weekly, Half-yearly & Two yearly schedules

SL No	Details of work to be carried out	Basis of changes		Remarks
		Condition	Compulsory	
CONDITION: DIESEL ENGINE STOPPED				
1	Transmission: Check control parts for proper operation tightness and wear : i) Governor, ii) Sensor valves, iii) Reverse gear operating cylinder, iv) Main control valve.			
2	Axle drive Gear box : i) Subject all parts to an intermediate inspection. ii) Check the wear pattern on the bevel gear drive. iii) Check the taper roller bearings for proper axial clearance (Refer 8.5 of Axle drive -V17 Maintenance manual)			
3	Repairs booked by driver			
	1.			
	2.			
	3.			
	SSE (ART/ARMV) Name & Sign	SUP Name & Sign		

**SCHEDULE OF STANDARD EXAMINATION OF BG SPART
Twelve Yearly (144 Months) Overhauling Schedule**

DPC/DTC No:
Date

Cumulative km:
Cumulative hrs.

SL No	Details of work to be carried out	Basis of changes		Remarks
		Condition	Compulsory	
CONDITION: DIESEL ENGINE STOPPED				
1.	Overhaul of Transmission			
a	Completely dismantle & overhaul transmission			
i	Filter element		YES	
ii	Filter Cartridge		YES	
iii	Seal		YES	
iv	Gasket		YES	
v	All Bearings		YES	
vi	‘O’ ring, seal, sealing ring, piston ring		YES	
vii	Suspension roller		YES	
viii	Breather filter		YES	
ix	Bush		YES	
x	Circlip		YES	
xi	Pin		YES	
xii	Union / Banjo Joint		YES	
b)	After Overhaul of Transmission:			
i)	Test run to be carried out to ensure proper operation of the overhauled transmission.			
ii)	After 50 hrs. run, oil must be drained and filtered. Filter on delivery side of filling pump must be replaced.			
iii)	Filters on suction side of filling pump and secondary lubricating pump are required to be cleaned and fitted.			
2.	Overhaul of Axle Drive : Subject all components to major inspection and replace if necessary. (Refer : Axle drive -V17 Maintenance manual for assembly & disassembly)			
	Repairs advised by Shed in Pre-Shopping report.			

Annexure-7

TRIP SCHEDULE / DAILY CHECKS (ADDITIONAL)

Coach No:

Cumulative Kms:

Date:

Cumulative Kms:

A. CONDITION DIESEL ENGINE STOPPED

SL NO	SKID ASSEMBLY	Condition	Remarks
1	Check AVM's for any physical damage		
2	Check Engine & Transmission mounting fasteners for tightens & split pins		
3	Check V mounts AVM for any physical damage		

SL NO	TRANSMISSION T211r.3 & CARDAN SHAFT ST 225.7	Condition	Remarks
1	Check transmission & TC cooler for oil leak		
2	Check oil level in transmission, top up if necessary		
3	Check transmission air hoses for tightness		
4	Check air leakage in transmission control box		

SL NO	AXLE DRIVE GEAR BOX & TORQUE ARM	Condition	Remarks
1	Check oil level and top up if required		
2	Check breather filter for tightness		
3	The torque arm rubber disc and bushes are checked for deterioration		
4	Check for any fouling of cardan shaft with the bogie and final drive		

SL NO	ELECTRICAL CONTROLS (Drivers desk & control cubical)	Condition	Remarks
1	Electrical component operational check with respective supply <ul style="list-style-type: none"> • Traction control (SV & TV) (i.e., Engine & Transmission Controls), • Auxiliary & Roof Circuit (SV & TV), • DA Power control (SV & TV), • Feeder Change Over (SV & TV) 		

Note: Top up oil with the same oil grade

WEEKLY SCHEDULE / AFTER 6000 KMS OR 100 HOURS (ADDITIONAL)

Coach No:

Cumulative Kms:

Date:

Cumulative Kms:

Note: Repeat all steps of Trip/Daily schedule

A. CONDITION DIESEL ENGINE STOPPED

SL NO	SKID ASSEMBLY	Condition	Remarks
1	Check Engine & Transmission mounting fasteners for tightens & split pins		
2	Check M14 screw for tightness ('V' mounts)		
3	Check M12 bolt for tightness ('V' mounts)		
4	Check whether split pin is provided for M12 bolt of V mount AVM		
SL NO	TRANSMISSION T211r.3 & CARDAN SHAFT ST 225.7	Condition	Remarks
1	Check transmission air hoses for tightness		
2	Check transmission oil cooler mounting		
3	Check cardan shaft bolts for tightness at Transmission output		

MONTHLY SCHEDULE / AFTER 18,000 KMS OR 300 HOURS (ADDITIONAL)

Coach No:

Cumulative Kms:

Date:

Cumulative Kms:

Note: Repeat all steps of Trip /Daily, Weekly schedules

A. CONDITION DIESEL ENGINE STOPPED

SL No	TRANSMISSION T211r.3 & CARDAN SHAFT ST 225.7 & Torque arms	Condition	Remarks
1	Initial start – up: First 300/500 hours of driving – Change fine filter element		
2	Grease cardan shafts at the cross bearing and splines		
3	Grease the torque arm pins		

Annexure-10

YEARLY SCHEDULE /AFTER 1,50,000 KMS OR 1500 HOURS (ADDITIONAL)

Coach No:

Cumulative Kms:

Date:

Cumulative Kms:

Note: Repeat all steps of Trip /Daily, Weekly, Monthly, Half yearly schedules

A. CONDITION DIESEL ENGINE STOPPED

SL NO	TRANSMISSION T211r.3	Condition	Remarks
1	Replace transmission hydraulic hoses & O rings		
2	Replace transmission control cabinet pneumatic hoses		
SL NO	AXLE DRIVE GEAR BOX & TORQUE ARM	Condition	Remarks
1	Replace the strainers and breathers of axle drive gear box		
2	Inspect following items and replace as required. <ul style="list-style-type: none">Torque arm rubber discs and bushes		
SL NO	ELECTRICAL CONTROLS (Drivers desk & control cubical)	Condition	Remarks
1	Inspect following items and replace as required. Contractors, Relays, MCB's, Indication lamps, Push buttons, Switches, Voltmeter, Ammeter etc.		
SSE SIGNATURE		SUPERVISOR SIGNATURE	
REPAIRS BOOKED BY DRIVER (IF ANY):			

Annexure-11

TWO YEAR SCHEDULE / AFTER 3,00,000 KMS OR 5000 HOURS (ADDITIONAL)

Coach No:

Cumulative Kms:

Date:

Cumulative Kms:

Note: Repeat all steps of Trip /Daily, Weekly, Monthly, Half yearly, Yearly schedules

A. CONDITION DIESEL ENGINE STOPPED

SL NO	SKID ASSEMBLY	Condition	Remarks
1	Replace V mounts, mounting fasteners & split pins		
SL No	TRANSMISSION T211r.3	Condition	Remarks
1	Change transmission oil		
2	Replace Filters, Seals and Strainers		
3	Replace transmission control cabinet		
SL.NO	TORQUE ARMS	Condition	Remarks
1	Replace the Torque arm, ball housing, spring disc, locking ring, snap ring, circlip, grease nipple		
SL.NO	ELECTRICAL CONTROLS (Drivers desk & control cubical)	Condition	Remarks
1	Replace all safety controls Inspect following items and replace as required. Contractors, Relays, MCB's, Indication lamps, Push buttons, Switches, Voltmeter, Ammeter etc.		
SSE SIGNATURE		SUPERVISOR SIGNATURE	
REPAIRS BOOKED BY DRIVER (IF ANY):			

Annexure-12

THREE YEAR SCHEDULE / AFTER 5,00,000 KMS OR 10,000 HOURS (ADDITIONAL)

Coach No:

Cumulative Kms:

Date:

Cumulative Kms:

Note: Repeat all steps of Trip /Daily, Weekly, Monthly, Half yearly, Yearly, Two year schedules

A. CONDITION DIESEL ENGINE STOPPED

SL NO	AXLE DRIVE GEAR BOX	Condition	Remarks
1	POH of Axle drive gear box		
SL.NO	ELECTRICAL CONTROLS (Drivers desk & control cubical)	Condition	Remarks
1	Inspect following items and replace as required. Contactors, Relays, MCB's, Indication lamps, Push buttons, Switches, Voltmeter, Ammeter etc.,		
SSE SIGNATURE		SUPERVISOR SIGNATURE	
REPAIRS BOOKED BY DRIVER (IF ANY):			

FIVE YEAR SCHEDULE / AFTER 8,00,000 KMS OR 15,000 HOURS (ADDITIONAL)

Coach No:

Cumulative Kms:

Date:

Cumulative Kms:

Note: Repeat all steps of Trip/Daily, Weekly, Monthly, Half yearly, Yearly, Two year schedules

A. CONDITION DIESEL ENGINE STOPPED

SL No	TRANSMISSION T211r.3 & CARDAN SHAFT ST 225.7	Condition	Remarks
1	Replace spare parts packets (H01.0708.06/ H01.0708.17), self-aligning ball bearing, rear mounting suspension bush & supporting rollers of transmission.		
2	Replace cardan shafts		
SL.NO	ELECTRICAL CONTROLS (Drivers desk & control cubical)	Condition	Remarks
1	Inspect following items and replace as required. Contractors, Relays, MCB's, Indication lamps, Push buttons, Switches, Voltmeter, Ammeter etc. Refurnishing of control wires in control cubicle and driver's desk.		
SSE SIGNATURE		SUPERVISOR SIGNATURE	
REPAIRS BOOKED BY DRIVER (IF ANY):			

TEN YEAR SCHEDULE / AFTER 12,00,000 KMS OR 20,000 HOURS (ADDITIONAL)

Coach No:

Cumulative Kms:

Date:

Cumulative Kms:

Note: Repeat all steps of Trip/Daily, Weekly, Monthly, Half yearly, Yearly, Two year, three year schedules

A. CONDITION DIESEL ENGINE STOPPED

11. CONDITION DIESEL ENGINE STOPPED			
SL No	TRANSMISSION T211r.3 & CARDAN SHAFT ST 225.7	Condition	Remarks
1	POH of T211r.3 Transmission.		
SL No	ELECTRICAL CONTROLS (Drivers desk & control cubical)	Condition	Remarks
1	Inspect following items and replace as required. Contractors, Relays, MCB's, Indication lamps, Push buttons, Switches, Voltmeter, Ammeter etc.		
SSE SIGNATURE		SUPERVISOR SIGNATURE	
REPAIRS BOOKED BY DRIVER (IF ANY):			

Note: POH of Transmission model T211r.3 has to be done as per details given in respective manuals.

Vide Rly Board letter No.2025/F/(X)-II/10/14 DT: 17.10.2025 & 07.11.2025 & Sr.DFM/O/UBL letter No.A/X-I/UBL/Corre/ DT: 11.02.2026, the contractor/bidder shall ensure the Bank Guarantee is transmitted by the issuing bank directly through SFMS platform. Online verification facility for Bank Guarantees (BGs) through SFMS Platform in IPAS should be strictly adhered to by the contractor through Bank.

In this connection, Contractors/bidders are hereby advised to ensure that **Structured Financial Messaging System (SFMS) should be enabled** while obtaining Bank Guarantees from the issuing bank in favour of Railways, the same shall invariably be transmitted through the SFMS platform and the following particulars shall be correctly entered by the issuing bank:

1. IFSC CODE:	SBI000RAIL
2. IFSC TYPE:	BRANCH
3. BANK NAME:	STATE BANK OF INDIA
4. BRANCH NAME:	RAIL
5. CITY NAME:	NAVI MUMBAI
6. ADDRESS:	SECTOR-11,CBD BELAPUR, NAVI MUMAI
7. DISTRICT:	NAVI MUMBAI
8. STATE:	NAVI MUMBAI
9. BG ENABLED:	YES

In view of the above, all the contractors/Bidders are advised to implement the facility of online verification of Bank Guarantees (BGs) through the Structured Financial Messaging System (SFMS). No Offline verification/Confirmation of the Bank Guarantees (BGs) will be entertained here after.

Signature of the contractor

Dt:

PHOTO

(photo of
applicant,
signed by
contractor)

POLICE VERIFICATION

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

Declaration (by applicant):

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

Police Certification:

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

Signature of Applicant

Date:

Place:

Counter signature of Authorized
signatory with stamp

Annexure-A

MUST CHANGE SPARES FOR HS SPART- TO BE CHANGED FIRSTYEAR/2500 HOURS WHICHEVER IS EARLIER								
Sl. No	ITEM CODE	ITEM DESCRIPTION	QTY/S PART	UOM	Unit price excluding GST	IGST in %	UNIT PRICE Inclusive GST	TOTAL PRICE Inclusive GST
1. RADIATOR WATER LINE								
1	94721010	BELLOW ASSEMBLY	4	Nos	₹18,407.69	18	₹21,721.07	₹86,884.28
2	94106330	O-RING	8	Nos	₹717.80	18	₹847.00	₹6,776.00
3	99011337	COUPLING PIPE 3" OD (3872268)	12	Nos	₹25,370.94	18	₹29,937.71	₹3,59,252.52
4	99011339	COUPLING PIPE 2 1/2" OD (3872294)	3	Nos	₹19,985.46	18	₹23,582.84	₹70,748.52
5	99011336	COUPLING PIPE 2 1/4" OD (3872258)	2	Nos	₹14,887.09	18	₹17,566.77	₹35,133.54
6	99011338	COUPLING PIPE 1 1/2" OD (3872284)	4	Nos	₹3,335.61	18	₹3,936.02	₹15,744.08
7	99011013	ADAPTOR (116935)	4	Nos	₹362.54	18	₹427.80	₹1,711.20
8	99011035	ADAPTOR (143950)	4	Nos	₹328.34	18	₹387.44	₹1,549.76
9	99011423	HOSE 1/2" (AK5040SS)	2	Nos	₹5,493.77	18	₹6,482.65	₹12,965.30
10	99011422	HOSE 1/2" (AK5020SS)	2	Nos	₹3,781.73	18	₹4,462.44	₹8,924.88
SUBTOTAL-A1							₹1,09,351.74	₹5,99,690.08
2. TRANS. HYD. PIPING ARRANGEMENT								
1	94107180	O RING	4	Nos	₹561.94	18	₹663.09	₹2,652.36
2	91015250	HOSE 1½"NBx620L	4	Nos	₹14,827.19	18	₹17,496.08	₹69,984.32
SUBTOTAL-A2							₹18,159.17	₹72,636.68
3. TRANSMISSION CONTROL CABINET								
1	91020490	HOSE ASSEMBLY	26	Nos	₹1,168.02	18	₹1,378.26	₹35,834.76
SUBTOTAL-A3							₹1,378.26	₹35,834.76
4. W R A PIPING ARRANGEMENT								
1	52595260	COPPER WASHER 1"	15	Nos	₹544.40	18	₹642.39	₹9,635.85
2	91014430	HOSE 1"FEMALE END FITTING	2	Nos	₹2,959.45	18	₹3,492.15	₹6,984.30
3	94720960	CUT OFF VALVE, 1" BSP (Both Side)	2	Nos	₹7,313.90	18	₹8,630.40	₹17,260.80
4	91015260	HOSE 1"x1100 mm L	3	Nos	₹5,923.29	18	₹6,989.48	₹20,968.44
5	52075790	ADAPTOR	2	Nos	₹2,528.00	18	₹2,983.04	₹5,966.08
SUBTOTAL-A4							₹22,737.46	₹60,815.47
TOTAL COST OF 1ST YEAR SPARES								₹7,68,976.99

MUST CHANGE SPARES FOR HS SPART- TO BE CHANGED EVERY TWO YEARS/5000 HOURS WHICHEVER IS EARLIER								
Sl. No	ITEM CODE	ITEM DESCRIPTION	QTY/ SPART	UOM	Unit price excluding GST	IGST in %	UNIT PRICE Inclusive GST	TOTAL PRICE Inclusive GST
1. EXHAUST ARRANGMENT								
1	91002250	Q SHIELD INSUL. SET(STYLE#6009-2S) - SV	1	1set Consist	₹81,460.90	18%	₹96,123.86	96,123.86
2	91002260	Q-SHIELD INSUL. SET(STYLE#6009-2S) - TV	1	1set Consist	₹1,24,588.50	18%	₹1,47,014.43	1,47,014.43
3	91002280	Q SHIELD INSUL. SET(STYLE#6009-2S) -	2	Nos	₹35,641.10	18%	₹42,056.50	84,113.00
SUBTOTAL-B1							₹2,85,194.79	3,27,251.29
2. RADIATOR MOUNTING ARRANGMENT								
1	99011149	ISOLATOR, VIBRATION (2865310)	12	Nos	₹11,485.00	18%	₹13,552.30	1,62,627.60
SUBTOTAL-B2							₹13,552.30	1,62,627.60
3. AXLE DRIVE GEAR BOX								
1	94712510	STRAINER	2	Nos	₹1,041.62	18%	₹1,229.11	2,458.22
2	94802040	BREATHER FILTER	2	Nos	₹1,506.90	18%	₹1,778.14	3,556.28
3	94613150	MAGNETIC DRAIN PLUG	4	Nos	₹426.46	18%	₹503.22	2,012.88
4	52665150	GASKET	2	Nos	₹509.10	18%	₹600.74	1,201.48
5	52595250	COPPER WASHER	4	Nos	₹269.00	18%	₹317.42	1,269.68
SUBTOTAL-B3							₹4,428.63	10,498.54
TOTAL COST OF 2ND YEAR SPARES								5,00,377.43

Annexure- C

MUST CHANGE SPARES FOR HS SPART- TO BE CHANGED EVERY THIRD YEAR								
SI. No	ITEM CODE	ITEMDESCRIPTION	QTY	UOM	Unit price excluding GST	IGST in %	UNIT PRICE Inclusive GST	TOTAL PRICE Inclusive GST
1. VOITH TRANSMISSION T211r.3								
3	99013012	FILTER ELEMENT (H90.934912)	2	Sets	₹2,55,329.97	18%	₹3,01,289.36	₹6,02,578.73
SUBTOTAL-C1							₹3,01,289.36	₹6,02,578.73
TOTAL COST OF IIIRD YEAR SPARES								₹6,02,578.73

Annexure- D

SPARES TO BE CHANGED ON CONDITION BASIS FOR HS SPART								
CONDITIONAL ITEMS								
Sl. No	ITEM CODE	ITEM DESCRIPTION	QTY/ SPART	UOM	UNIT PRICE Exclusive of GST)	(Total Basic Price)	GST	TOTAL cost including GST
1. CONTROL CUBICLE (Electrical items)								
1	91505790	SHUNT, 100A / 75mV	1	Nos	₹2,769.51	₹2,769.51	18%	₹3,268.02
2	91516760	SHUNT, 50A / 75mV	1	Nos	₹1,978.56	₹1,978.56	18%	₹2,334.70
3	91534710	CIRCUIT BREAKER - 24V DC, 3A, SINGLE POLE	5	Nos	₹2,263.11	₹11,315.55	18%	₹13,352.35
4	91534690	CIRCUIT BREAKER - 24V DC, 6A, SINGLE POLE	3	Nos	₹2,263.11	₹6,789.33	18%	₹8,011.41
5	91534700	CIRCUIT BREAKER - 24V DC, 10A, SINGLE POLE	1	Nos	₹1,671.27	₹1,671.27	18%	₹1,972.10
6	91534720	CIRCUIT BREAKER - 24V DC, 16A, DOUBLE POLE	2	Nos	₹5,064.77	₹10,129.54	18%	₹11,952.86
7	91534330	CIRCUIT BREAKER - 110V DC, 3A, SINGLE POLE	4	Nos	₹2,489.66	₹9,958.64	18%	₹11,751.20
8	91534180	CIRCUIT BREAKER - 110V DC, 6A, SINGLE POLE	10	Nos	₹1,671.27	₹16,712.70	18%	₹19,720.99
9	91534680	CIRCUIT BREAKER , 110V DC, 10A, SINGLE POLE	3	Nos	₹4,414.13	₹13,242.39	18%	₹15,626.02
10	91534840	CIRCUIT BREAKER , 110V DC, 10A, DOUBLE POLE	1	Nos	₹5,064.77	₹5,064.77	18%	₹5,976.43
11	91534340	CIRCUIT BREAKER - 110V DC, 16A, SINGLE POLE	1	Nos	₹2,089.09	₹2,089.09	18%	₹2,465.13
12	91534670	CIRCUIT BREAKER - 110V DC, 40A, DOUBLE POLE	2	Nos	₹5,571.17	₹11,142.34	18%	₹13,147.96
13	91534560	CIRCUIT BREAKER - 230V AC, 3A, SINGLE POLE	3	Nos	₹4,012.78	₹12,038.34	18%	₹14,205.24
14	91534590	CIRCUIT BREAKER – 230V AC, 6A, SINGLE POLE	4	Nos	₹4,012.78	₹16,051.12	18%	₹18,940.32
15	91534300	CIRCUIT BREAKER , 415V AC, 3A, SINGLE POLE	10	Nos	₹4,012.78	₹40,127.80	18%	₹47,350.80
16	91534290	MOULDED CASE CIRCUIT BREAKER, 415V	1	Nos	₹13,911.06	₹13,911.06	18%	₹16,415.05

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

		AC, 100A						
17	91534580	MOTOR PROTECTION CIRCUIT BREAKER, 415V AC, 20A	1	Nos	₹15,173.14	₹15,173.14	18%	₹17,904.31
18	91534310	MOULDED CASE CIRCUIT BREAKER, 415V AC, 250A	1	Nos	₹85,048.26	₹85,048.26	18%	₹1,00,356.95
19	91534320	CIRCUIT BREAKER , 415V AC, 3A, TRIPLE POLE	1	Nos	₹6,616.10	₹6,616.10	18%	₹7,807.00
20	91534570	CIRCUIT BREAKER , 415V AC, 16A, TRIPLE POLE	2	Nos	₹4,936.99	₹9,873.98	18%	₹11,651.30
21	91534970	CIRCUIT BREAKER , 415V AC, 10A, DOUBLE POLE	2	Nos	₹5,064.77	₹10,129.54	18%	₹11,952.86
22	91534640	CIRCUIT BREAKER , 415V AC, 6A, SINGLE POLE	3	Nos	₹4,012.78	₹12,038.34	18%	₹14,205.24
23	91534600	MOTOR PROTECTION CIRCUIT BREAKER, 415V AC, 25A, FOUR POLE	1	Nos	₹14,751.40	₹14,751.40	18%	₹17,406.65
24	91535160	MOTOR PROTECTION CIRCUIT BREAKER, 415V AC, 13A	2	Nos	₹7,715.91	₹15,431.82	18%	₹18,209.55
25	91534610	CIRCUIT BREAKER, 415V AC, 16A, FOUR POLE	1	Nos	₹6,616.10	₹6,616.10	18%	₹7,807.00
26	91534860	MOTOR PROTECTION CIRCUIT BREAKER, 415V AC, 2.4A	1	Nos	₹7,639.09	₹7,639.09	18%	₹9,014.13
27	91534620	UTILITY CIRCUIT BREAKER , 415V AC, 63A, TRIPLE POLE	1	Nos	₹7,552.86	₹7,552.86	18%	₹8,912.37
28	91534360	CONTACTOR, 230V AC, 110A	2	Nos	₹36,157.31	₹72,314.62	18%	₹85,331.25
29	91534370	CONTACTOR , 230V AC, 250A	4	Nos	₹1,53,565.68	₹6,14,262.72	18%	₹7,24,830.01
30	91534550	MECHANICAL INTERLOCK KIT	1	Nos	₹7,262.82	₹7,262.82	18%	₹8,570.13
31	91534940	MECHANICAL INTERLOCK KIT	1	Nos	₹10,000.19	₹10,000.19	18%	₹11,800.22
32	91534870	CONTACTOR , 230V AC, 22A	1	Nos	₹12,986.06	₹12,986.06	18%	₹15,323.55
33	91534880	CONTACTOR , 230V AC, 32A	2	Nos	₹12,753.24	₹25,506.48	18%	₹30,097.65
34	91534890	CONTACTOR, 230V AC, 9A	1	Nos	₹5,005.97	₹5,005.97	18%	₹5,907.04
35	91534190	BLOCKING DIODE, 6A	5	Nos	₹1,091.19	₹5,455.95	18%	₹6,438.02

Tender Notice No: 44/Sr DME/C&W/UBL CAMC of SPARMV/UBL EQUIPMENTS (Voith Transmission, Cardon Shaft, Axle Drive Gear with powered Axle Torque Arm, Controls & Instrumentation, Skid Mounting etc) for a period of Three Years.

36	91521690	POWER DIODE, 70A	1	Nos	₹4,001.80	₹4,001.80	18%	₹4,722.12
37	91534380	FUSE, 250A	3	Nos	₹6,616.10	₹19,848.30	18%	₹23,420.99
38	91534390	FUSE BASE	1	Nos	₹18,260.13	₹18,260.13	18%	₹21,546.95
39	91520670	EMERGENCY BELL	1	Nos	₹6,224.94	₹6,224.94	18%	₹7,345.43
40	91520700	SIGNAL BELL	1	Nos	₹6,309.60	₹6,309.60	18%	₹7,445.33
41	91521740	WARNING HOOTER	1	Nos	₹3,736.84	₹3,736.84	18%	₹4,409.47
42	91533150	INDICATION LAMPS - 110V DC, GREEN COLOR	6	Nos	₹905.40	₹5,432.40	18%	₹6,410.23
43	91531020	INDICATION LAMPS - 24V DC, RED COLOR	2	Nos	₹1,367.90	₹2,735.80	18%	₹3,228.24
44	91525870	INDICATION LAMP, 230V AC, RED	4	Nos	₹1,509.00	₹6,036.00	18%	₹7,122.48
45	91525880	INDICATION LAMP, 230V AC, YELLOW	4	Nos	₹15,478.07	₹61,912.28	18%	₹73,056.49
46	91525890	INDICATION LAMP, 230V AC, BLUE	4	Nos	₹1,473.73	₹5,894.92	18%	₹6,956.01
47	91525900	INDICATION LAMP, 230V AC, GREEN	4	Nos	₹1,271.48	₹5,085.92	18%	₹6,001.39
48	91525860	LAMP UNIT, 110V DC	2	Nos	₹1,710.47	₹3,420.94	18%	₹4,036.71
49	91535520	AMMETER	1	Nos	₹8,697.35	₹8,697.35	18%	₹10,262.87
50	91535530	VOLTMETER	1	Nos	₹9,567.48	₹9,567.48	18%	₹11,289.63
51	91523880	WATER LEVEL SWITCH CUM INDICATOR	1	Nos	₹24,584.62	₹24,584.62	18%	₹29,009.85
52	91535230	ENGINE RPM CUM HOUR METER	1	Nos	₹1,05,612.27	₹1,05,612.27	18%	₹1,24,622.48
55	91533990	TRANS OIL PRESSURE INDICATOR	1	Nos	₹16,663.33	₹16,663.33	18%	₹19,662.73
56	91534010	TRANS OIL TEMPERATURE INDICATOR	1	Nos	₹16,762.10	₹16,762.10	18%	₹19,779.28
57	97504390	WATER TEMPERATURE GAUGE	1	Nos	₹17,222.25	₹17,222.25	18%	₹20,322.26
58	91535540	AMMETER AUXILIARY	1	Nos	₹9,567.48	₹9,567.48	18%	₹11,289.63
60	91535560	VOLTMETER	1	Nos	₹7,442.33	₹7,442.33	18%	₹8,781.95
61	91535570	VOLTMETER	1	Nos	₹8,558.60	₹8,558.60	18%	₹10,099.15
62	91502060	PUSH BUTTON	3	Nos	₹2,520.23	₹7,560.69	18%	₹8,921.61
63	91520680	PUSH BUTTON	3	Nos	₹1,880.57	₹5,641.71	18%	₹6,657.22
64	91520540	RELAY, 24V DC, 2NO+2NC	10	Nos	₹5,827.50	₹58,275.00	18%	₹68,764.50
65	91533200	RELAY, 24V DC, 3NO WITH ADD ON BLOCK 2NO+2NC	3	Nos	₹6,398.96	₹19,196.88	18%	₹22,652.32
66	91503910	RELAY, 24V DC, 2NO+2NC	1	Nos	₹5,046.74	₹5,046.74	18%	₹5,955.15

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67	91520580	RELAY, 110V DC, 3NO+1NC	2	Nos	₹6,398.96	₹12,797.92	18%	₹15,101.55
68	91520500	RELAY, 110V DC, 2NO+2NC	2	Nos	₹7,747.27	₹15,494.54	18%	₹18,283.56
69	91520890	RELAY, 110V DC, 4NO WITH ADD ON BLOCK 2NO+2NC	5	Nos	₹7,915.02	₹39,575.10	18%	₹46,698.62
70	91520920	RELAY, 110V DC, 4NO WITH ADD ON BLOCK 3NO+1NC	1	Nos	₹7,910.32	₹7,910.32	18%	₹9,334.18
71	91533190	RELAY, 110V DC, 2NO+2NC	5	Nos	₹8,705.19	₹43,525.95	18%	₹51,360.62
72	91535580	RELAY, 110V DC, 2NO+2NC WITH ADD ON MECHANICAL LATCH	2	Nos	₹14,157.99	₹28,315.98	18%	₹33,412.86
73	91534500	RELAY, 110V DC, CURRENT SENSITIVITY : 30 – 300mA	2	Nos	₹16,691.55	₹33,383.10	18%	₹39,392.06
74	91512430	RELAY, 110V DC, FBI SERIES(6)	1	Nos	₹5,095.34	₹5,095.34	18%	₹6,012.50
75	91512430	RELAY, 110V AC, 2NO+2NC	2	Nos	₹5,095.34	₹10,190.68	18%	₹12,025.00
76	91534510	RELAY, 415V AC, 2NO+2NC	1	Nos	₹5,131.40	₹5,131.40	18%	₹6,055.05
77	91509370	HANDLAMP SOCKET	1	Nos	₹514.24	₹514.24	18%	₹606.80
78	91534540	SWITCH, 15A, DPST	4	Nos	₹1,197.80	₹4,791.20	18%	₹5,653.62
79	91520830	SWITCH, 10A, DOUBLE POLE, 2 WAY WITH OFF	1	Nos	₹23,741.14	₹23,741.14	18%	₹28,014.55
80	91507960	SWITCH, 15A, SPST	3	Nos	₹528.35	₹1,585.05	18%	₹1,870.36
81	91533520	SWITCH, 15A, SINGLE POLE CHANGE OVER	3	Nos	₹841.91	₹2,525.73	18%	₹2,980.36
82	91534910	SWITCH, 32A, 3 POLE	2	Nos	₹23,741.14	₹47,482.28	18%	₹56,029.09
83	91535510	SWITCH, 24V DC, ELECTRONIC TYPE	1	Nos	₹1,62,422.94	₹1,62,422.94	18%	₹1,91,659.07
84	91521530	TIMER RELAY	3	Nos	₹4,508.98	₹13,526.94	18%	₹15,961.79
85	91552840	ADJACENT JUMPER (FOR PLUG IN TYPE WAGO)	20	Nos	54.87	₹1,097.40	18%	₹1,294.93
SUBTOTAL-D1					₹10,84,826.70	₹20,47,063.40		₹24,15,534.81
2. DRIVER DESK (Electrical items)								
1	91533170	INDICATION LAMP, 110V DC, RED COLUR	10	Nos	₹905.40	₹9,054.00	18%	₹10,683.72
2	91533150	INDICATION LAMP, 110VDC, GREEN COLUR	4	Nos	₹905.40	₹3,621.60	18%	₹4,273.49

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3	91533160	INDICATION LAMP, 110VDC, AMBER COLUR	3	Nos	₹905.40	₹2,716.20	18%	₹3,205.12
4	91525860	LAMP UNIT	2	Nos	₹1,710.47	₹3,420.94	18%	₹4,036.71
5	91502060	PUSH BUTTON , 1NO+1NC, GREEN	2	Nos	₹2,520.23	₹5,040.46	18%	₹5,947.74
6	91520680	PUSH BUTTON, 1NO+1NC, RED	6	Nos	₹1,880.57	₹11,283.42	18%	₹13,314.44
7	91529690	PUSH BUTTON, 2NO+2NC, GREEN	2	Nos	₹2,436.36	₹4,872.72	18%	₹5,749.81
8	91509370	HAND LAMP SOCKET 110VDC	2	Nos	₹514.24	₹1,028.48	18%	₹1,213.61
9	91514390	SWITCH, 400A, DPST	1	Nos	₹22,628.79	₹22,628.79	18%	₹26,701.97
10	91534780	SWITCH	1	Nos	₹1,29,460.81	₹1,29,460.81	18%	₹1,52,763.76
11	91534800	SWITCH CENTER KEY LOCK	1	Nos	₹6,375.44	₹6,375.44	18%	₹7,523.02
12	91533520	SWITCH, 15A, SINGLE POLE CHANGE OVER	1	Nos	₹841.91	₹841.91	18%	₹993.45
13	91507960	SWITCH, 15A, SPST	3	Nos	₹528.35	₹1,585.05	18%	₹1,870.36
14	91552840	ADJACENT JUMPER	30	Nos	₹54.87	₹1,646.10	18%	₹1,942.40
15	91534790	MASTER CONTROLLER(MC)	2	Nos	₹7,81,434.51	₹15,62,869.02	18%	₹18,44,185.44
SUBTOTAL-D2					₹9,53,102.75	₹17,66,444.94		₹20,84,405.03
3. ELECTRICAL MISCELLANEOUS								
1	91534730	ENGINE OVER SPEED SWITCH	1	Nos	₹95,917.80	₹95,917.80	18%	₹1,13,183.00
3	91533990	TRANSMISSION OIL PRESSURE INDICATOR	1	Nos	₹16,663.33	₹16,663.33	18%	₹19,662.73
4	91529360	TRANSMISSION OIL PRESSURE TRANSMITTER	1	Nos	₹17,139.15	₹17,139.15	18%	₹20,224.20
5	91534010	TRANSMISSION OIL TEMPERATURE INDICATOR	1	Nos	₹16,762.10	₹16,762.10	18%	₹19,779.28
6	91534020	TRANSMISSION OIL TEMPERATURE TRANSMITTER	1	Nos	₹15,140.21	₹15,140.21	18%	₹17,865.45
7	91507710	PRESSURE SWITCH	1	Nos	₹45,843.16	₹45,843.16	18%	₹54,094.93
8	91507700	TEMPERATURE SWITCH	1	Nos	₹34,649.09	₹34,649.09	18%	₹40,885.93
9	91509420	PRESSURE SWITCH	1	Nos	₹11,517.82	₹11,517.82	18%	₹13,591.03
10	91534740	PUSH BUTTON, RED	1	Nos	₹6,795.61	₹6,795.61	18%	₹8,018.82
11	91534750	PUSH BUTTON, GREEN	1	Nos	₹1,820.21	₹1,820.21	18%	₹2,147.85
12	91534760	PUSH BUTTON, YELLOW	1	Nos	₹2,651.93	₹2,651.93	18%	₹3,129.28
SUBTOTAL-D3					₹2,64,900.41	₹2,64,900.41		₹3,12,582.48