

**Prebid Queries Reply dated 22.08.2025**

Name of the work: **“Design, Manufacture, Supply, Testing & Commissioning of self- propelled 8-Wheeler Inspection & Maintenance Car of Diesel Electric under slung type for operation on Broad Gauge (1676mm) electrified (25 kV A.C.) routes of Indian Railways”**

<b>SI No</b>	<b>Clause Reference</b>	<b>Clause description</b>	<b>Bidders query, Request for additional information, modifications and considerations</b>	<b>KRIDE response/reply</b>
1.	Qualification Criteria: 4. A. ii. Technical Qualifying (4 criteria:  Past Performance	If Tenderer is an Original Equipment Goods Manufacturer OEM he should have manufactured, tested, and supplied the equipments as specified in the Schedule of Requirements up to 100 percent of the quantity in any one of the last 3 three completed Financial Years Financial Year (2023- 2024, 2022-2023, and 2021-2022). The equipment offered for supply must be of the most recent series models incorporating the latest improvements in design as per the Specification no. TI/SPC/OHE/8WDETC/0092	The delivery of Requirements up to 100 percent of the quantity in any one of the last 5 Five completed Financial Years.  Please revise tender conditions from 3 years to 5 years.	Refer Corrigendum-2
2.	APPENDIX- A  Schedule of Requirements	Delivery Schedule (from the date of issue of LOA)- <b>6 months</b>	Major aggregates delivery from 6-8 months from the date of placement of order. Considering the above, delivery may be schedule 13-15 from date of placement contract.	Tender Condition prevails.
3.	Period of Contract (Page no. 3)	6 months	We request you to kindly make delivery schedule 12 months from the date of LOA/Purchase Order.	Tender Condition prevails.

4.	APPENDIX A SCHEDULE OF REQUIREMENTS – Delivery schedule (from the date of issue of LOA) (Page NO. 47	6 months	Please note that we need a flat parcel of sufficient land for standing Trailer and Two Cranes parallel to the track to unload the DETC on tracks or we shall deliver the DETC at SGT, Whitefield. From SGT, DETC can be towed by locomotive and shall be delivered to the end destination. The cost of towing charges from SGT Whitefield to end destination will be K-RIDE Account or shall be waived off.  Kindly provide exact location where DETC to be delivered.	Tender Condition prevails.  DETC to be delivered to SBC division of SWR, Bangalore
5.	Earnest Money Deposit (EMD)12.1	The Tenderer shall furnish, as part of his Tender, an earnest money deposit (the “EMD”) of ₹. 9.83 Lakhs (Rupee Nine lakhs Eighty-Three Thousand only).	EMD exemption is available in Railway Board, ICF, MCF and RCF tenders for PSUs. Considering the above, EMD to be exempted for BEML Limited.	Tender Condition prevails.
6.	Warranty : 14.2	This warranty shall remain valid for hours of operation or 24 months after the Goods or any portion thereof as the case may be, have been delivered to and accepted at the destination indicated in the Contract, or for 39 months after the date of shipment from the place of loading whichever period concludes earlier.	Generally, in Indian Railway tenders (IRS Conditions) warranty period 24 months from date of commissioning or 30 months from the date of delivery, whichever is earlier. Considering the above please review the terms.	Tender Condition prevails.
7.	Warranty : 14.4	In the event of any correction of defects or replacement of defective material during the Warranty period, the Warranty for the corrected or replaced material shall be extended to a further period of 36 months.	Incase if any defects or replacement of defective material during warranty period may be consider 1 year from date of the replacement.	Tender Condition prevails.

8.	3.6	BOGIES:	Basically, Bogie is ICF design, K- RIDE help us get the permission from ICF for the project.	Bidder is advised to approach ICF for the permission. Necessary assistance may be extended from K-RIDE as per the requirement of ICF.
9.	4.0	Illumination: Driving Cabs, officers/Staff cabins, Workshop & Storage space shall be provided with level of Illumination of at least 30 Lux at the working plane level (1m above the floor level). OHE Car lighting shall be provided with 18 W, 600 mm x 26 mm double capped Fluorescent/LED tube lights with wire mesh guard along with its fittings and Electronic Lamp ballast as per RDSO Specification No. RDSO/PE/ SPEC/TL/0011-2000 (Rev.1) with the latest revision shall be used.	Only LED lights will be provided for illumination	Tender Condition prevails.
10.	4.2	BATTERY: Lead Acid maintenance free storage battery of capacity as mentioned at Clause no.5.3.2.20 of Chapter-V, conforming to IS: 6848–1972 shall be provided in under slung Battery boxes. The Battery fuses shall be located close to the battery terminals.	VRLA batteries can be supplied, battery box location can be decided in design stage	Condition mentioned in the Railway board letter No.TI / SPC / OHE/8WDETC/0092 regarding the procurement of 8-wheeler diesel electric inspection & maintenance OHE car underslung type to be followed.  Any change w.r.t tendered specification may be adopted by the bidder only with due approval from vendor and/or specification approving authority.
11.	4.3.1	An engine mounted alternator with rectifier and regulating equipment of suitable capacity for charging of 24 V DC 290 Ah Battery shall be provided. The output of the generator shall cater for battery charging	290ah batteries are obsolete and 450 AH batteries will be provided and suitable charging alternator will be provided	Condition mentioned in the Railway board letter No.TI/SPC/OHE/8WDETC/0092 regarding the procurement of 8-wheeler diesel electric inspection &

		for diesel engine starting (battery voltage 24V). The maximum power demand will be required when the OHE car is stationary and with engine running at low idling speed.		<p>maintenance OHE car underslung type to be followed.</p> <p>Any change w.r.t tendered specification may be adopted by the bidder only with due approval from vendor and/or specification approving authority.</p>
12.	4.5.2	<p>Twin beam Head light: Twin Beam head lights shall be provided at both ends. The head light shall confirm to RDSO's Specification No. ELRS/SPEC/PR/0024 (Rev-1) Oct. 2004. The operating voltage of head light shall be 24 V DC. 24 V DC, supply for twin beam head light shall be taken from 110/24 DC-DC convertor. DC-DC Convertor shall be as per RDSO's Specification No. ELRS/SPEC/DC-DC Convertor/0021 Rev.1.</p>	110V DC LED head light will be provided DC-DC converter is not required	Tender Specification to be followed.
13.	4.5.3 & 4.5.5	<p>4.5.3</p> <p>Tail light: Tail lamp (Red aspect) of LED type 24 V 15 Was per RDSO's Specification No. RDSO/PE/SPEC/TL/0119-2000 (with latest revision) shall be provided at each end to comply with General &amp; Subsidiary Rules of Indian Railways.</p> <p>4.5.5</p> <p>Marker Light: Marker light of LED type (Red aspect) as per RDSO's Specification No ELRS/SPEC/PR/0022 (Rev-1) Oct. 2004 shall be provided on either end of the OHE car.</p>	Marker & tail light will be in same housing	Tender Specification to be followed.

14.	4.5.6	Search Light: OHE car shall be provided with two 250 Watts searchlights with Metal Halide lamps, one on each end, for inspection of the OHE while on the run. Searchlights shall provide a high intensity illuminating beam and capable of swiveling on universal joint type supports. Design details shall be finalized at the time of design approval stage.	LED Search light of 250 or 300W will be provided	Tender Specification to be followed.
15.	4.5.9	SPEED INDICATOR / RECORDER: Speed Indicator and Recording Equipment of 0 - 160 km/h range shall conform to RDSO's Specification No.MP-0.3700-07 (Rev.03) of April'2003. One cab of OHE Car shall have one recorder-cum-indicator and the other cab shall have one speed indicator only	Speed sensor will be upto electronic as per spec rev of 2017	Tender Condition prevails.
16.	4.5.12	Flood lights: Four flood lights giving diffused light of 75 watts shall be provided with each OHE car. Detailed design of it shall be finalized at the design approval stage.	Item already covered in clause 4.5.6	Clause no.4.5.6 refers to Search Light.
17.	3.8.15	Stand-alone VCD of approved make conforming to specification No. MP-0.34.00.04 (Rev.04) Dec 2008 shall be provided.	VCD can also be provided with RDSO Spec no. RDSO/2008/EL/SPEC/0025/REV.6 JUNE-2019 In case the item with spec called in 3.8.15 of this spec is not available	Tender Condition prevails.

18.	SECTION VI: SPECIAL CONDITIONS OF CONTRACT: TESTING: (Page No.74)	FAT (Factory Acceptance Test):  The FAT for the Tower Wagon will be conducted by M/s. RITES	FAT (Factory Acceptance Test): The FAT for the Tower Wagon will be conducted by M/s. RITES as per the Routine Test Protocol approved by RDSO Doc No: SAN/QA DETC/RT/002 Rev.01	Tender Condition prevails.
19.	Warranty (GCC Clause 14.2) –  (Page No. 76 & 77)	This warranty shall remain valid 24 months after the goods or any portion thereof as the case may be, have been delivered to and accepted at the destination indicated in the contract, or for 39 months after the date of shipment from the place of loading whichever period concludes earlier.	We request to kindly amend the warranty clause as per IR clause  detailed below:  “This warranty shall remain valid 24 months after the Goods or any portion thereof as the case may be, have been delivered to and accepted at the destination indicated in the Contract, or for 30 months after the date of shipment from the place of loading whichever period concludes earlier”	Tender Condition prevails.
20.	SCC - Payment - Terms - Supply-11 A	Step-1: 80% Payment:  Step-2: 20% Payment:	Please review payment terms to:  Step -1: 90% & Step-2 – 10%	Tender Condition prevails.
21.	Specification No (Page No 90)	TI/SPC/OHE /8WDETC/0092	Kindly confirm whether DETC required is Low Rise DETC or High Rise DETC	Condition mentioned in the Railway board letter No.TI/SPC/OHE/8WDETC/0092 regarding the procurement of 8- wheeler diesel electric inspection & maintenance OHE car underslung type to be followed.

22.	CHAPTER-I Cl. 1.6.1, Pg. 93	One set of tracing, two sets of their prints & two DVD of the RDSO approved drawings/ calculations shall be supplied by the successful contractor with each tower wagon. The tracings shall be on RTF of durable quality. Drawings shall be made on Auto CAD. Two sets of tracing, two sets of prints and two copies of approved drawings & calculations along with 3 DVDs shall be supplied to RDSO.	Hardcopy of RDSO Approved drawings will be submitted & not in DVD.	Refer Corrigendum-2.
23.	CHAPTER-I Cl. 2.3.1 (x), Pg. 100	Provision of wind screen Wiper arm and blade Assembly to be provided as per RDSO Specification no.C-K306 (Rev 01).	Proven Electric Type Wind Screen Wiper similar to one used in Metro cars/Indian Railways Vehicle will be provided, Wiper Motor Specification are as per IS: 7827. Kindly review and include Electric Type Wind Screen Wiper also.	Any change w.r.t tendered specification may be adopted by the bidder only with due approval from vendor and/or specification approving authority.
24.	CHAPTER-I Cl. 2.3.5 (v), Pg. 101	<b>Lifting and Swiveling platform:</b> A lifting and Swiveling platform with hydraulically operated mechanized adjustment for height and rotation and capable of taking minimum 600 kg load with under-noted features shall be provided over the fixed platform: -	The Max. height is 6150mm. Is high raised Lifting Platform is required or clause to be followed.	The clause to be followed.
25.	CHAPTER-I Cl. 3.1.2 (ii), Pg. 104	A horizontal squeeze load of 100 t applied at each buffers.	Squeeze test is done for BEML DETC which is done & witnessed by RDSO.  Report will be submitted for your reference & record.	Tender condition prevails.
26.	CHAPTER-I Cl. 3.6.2, Pg. 108	Bogie suspension Design shall be coil steel suspension in primary and air spring suspension in secondary stage. The Bogie Design shall be as per ICF Drawing No	The drawing no. mentioned in the clause is of ICF drawing & requested to provide all the drawings for manufacturing of	The drawing may be collected from ICF. Necessary assistance may be extended by K-RIDE as per the requirement of

		AC/EMU /M/ ASR-0-0-001 with latest Alteration.	DETC bogie.	ICF.
27.	CHAPTER-V Cl. 5.3.2, Pg. 118	Two independent under-slung naturally aspirated, turbo-charged and after cooled Diesel Engines of proven design of Cummins make NTA-855R or similar other reputed make suitable for 8-Wheeler Diesel Electric Tower Car, complete with all accessories, suitable for traction service under the climatic and operating conditions obtained in India, shall be provided.	Latest design changes in the Engine like control LCC governor, ECM, Hydraulics system etc., will be provided.  Details will be submitted during design approval stage.  K-RIDE to allow BEML for above design change.	Any change w.r.t tendered specification may be adopted by the bidder only with due approval from vendor and/or specification approving authority.
28.	CHAPTER-VII Cl. 7.8.2, Pg. 138	The riding quality tests shall be based on detailed oscillation trial conducted at a speed 10% higher than the maximum specified operating speed on a section of mainline track conforming to test stretch as mentioned in 3rd criteria committee report to establish the performance at the specified maximum operating speed.	Oscillation trials done for BEML DETC and same will be submitted for reference & record.	Tender condition prevails.
29.	General		Generally, BEML DETC will be same as one supplied to Indian Railways and latest design changes only will be implemented.	Any change w.r.t tendered specification may be adopted by the bidder only with due approval from vendor and/or specification approving authority.