

Dedicated Freight Corridor Corporation of India Limited

(A Government of India Enterprise)

Addendum No. 6 dated 12-07-2018

Addendum/Amendments to the Bidding Documents for

Design, Manufacturing, Supply, Testing, Commissioning and Training of Plant and Equipment for Railway Track and Electric Over Head Equipment (OHE) on Dadri-Rewari-JNPT Network of Western Dedicated Freight Corridor

PLANT AND EQUIPMENT WORKS
PACKAGE – 6

Ref.: ICB NO. PE P-6

The deletion from the earlier text of the Bid Document are indicated as strikethroughs and additions are underlined, unless specified otherwise in any of the addendum.

Sl. No.	Vol	Section	Page No.	Clause/ Para No.	Item	Proposed amendments in the Bidding Documents
1	II	9.4	145/223	1.3	General	Supplement the clause as under: <u>The axle load is limited to 20.32 tonne accommodating for all accessories provided thereon except a total payload of 5 tonne.</u>
2	II	9.4.2	161/223	8 d (xi)	Safety and Protection Equipment	Delete sub-clause 8 d (xi) and change the number of 8 d (xii) as 8 d (xi).
3	II	9.4	147/223	2.4		Modify sub-clause 2.4 as under: <u>The mechanical strength of the vehicle body shall comply with the requirement of UIC 566 applicable standards required for such maintenance vehicle and shall be finalized during design review stage.</u>
4	II	9.8	215/223	2(c)	Carrying Capacity	Modify (c) as under: Carrying Capacity: more than 66.4 t

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5	II	8	9/223	4.8		<p>Supplement sub-clause 4.8 as an additional para as under:</p> <p><u>The specification provided in different Sections are self-explanatory. In case any dimension or operating parameters or requirement is not stated therein and required to be considered, the same will be finalized during design approval stage and in such situation RDSO Specification including any amendment issued therein till the last Bid Due Date may also be referred to.</u></p>
6	II	9	111/223	3.17	Doors	<p>Modify sub-clause 3.17(a) as under:</p> <p>All door openings shall be true to specified dimensions and perfectly square with rounding of corners. The openings shall be tested for size and squareness with templates so that doors open and close freely and when closed shall be reasonably weather and dust proof. Single leaf inward opening hinged or sliding doors with locking arrangement shall be provided in the driver's compartment <u>or elsewhere</u> and shall have a clear opening <u>of proven dimensions followed by the Specialist Manufacture in its design and in accordance with international safety standards in this regard. 920 mm.</u> The door leaves shall slide on roller bearing carriers suspended from the top rail and shall work in retaining guides on the door sills. Each leaf shall have a window opening with twin glass shutters.</p> <p>Delete Sub-clause 3.17 (e)</p>
7	II	9	146/223	2		<p>Modify clause 2 as under:</p>

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						<p>The mechanical design of the vehicle involving under-frame, superstructure, side and end walls, roof, body shell, headstocks, draw and buff gear, lifting pads, sole bar, body bolster, roof ventilation, air space, windows, doors, bogies, wheel, axles, axle boxes, suspension arrangement, brake system, Piping, corrosion protection, illumination, auxiliary power supply, Battery charger, speed indicator and reorder, diesel engine, cooling system, alternator, traction motor, air compressor, etc. shall be guided as per RDSO specification No. SPEC No. TI/SPC/OHE/8WDETC/0092 Aug 2015 Chapter III, IV and V attached in VOL III <u>or proven designs following equivalent international standards.</u></p> <p>The thickness of the steel sheet used in the manufacturing of the shell shall be so chosen to avoid any wavy/undulating or bulges in final surface finish. This shall be finalized during design approval stage and also an item of stage inspection on the first so manufactured vehicle.</p> <p>The hydrostatic or hydro-dynamic transmission system, when chosen by the Bidder for RBMV and BIV, then the power transmission system shall be guided as per RDSO specification No. MP-0.08.00.67 (Rev. -02) Jan 2009 Chapter III <u>or proven designs following equivalent international standards.</u></p>
8	II	9.3	111/223	3.17(d)	Doors	<p>Modify clause 3.17(d) as under:</p> <p>Latches shall be fitted on all doors so as to secure them from inside in the closed position <u>or in accordance with any other international safety standards.</u></p>
9	II	9.3	119/223	7.2	Electrical	<p>Insert at the following at the end of the sub-clause 7.2</p> <p><u>However, the Contractor may propose an equivalent International Standard followed by it in its regular manufacturing process during design approval stage.</u></p>

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10	I	6	124/172	Schedule 1	Schedule of Adjustment Data	<p>Replace 'Note' at the bottom of the schedule as under:</p> <p>Note: The indices during the project implementation shall be taken from those published by Reserve Bank of India as given below:</p> <ol style="list-style-type: none"> <u>Labour Index: "All India Consumer Price Index for Industrial Workers; Base 2001" published by Labor Bureau of Ministry of Labor of Government of India.</u> <u>Machinery and Equipment: WPI: Base 2011-12 Published by Economic Adviser, Ministry of Commerce and Industry, Government of India.</u>
11	II	9.3	117/223	5.7(a) to (c)	Piping and Pipe Fittings	<p>Insert Note at the bottom of sub-clause 5.7 after sub-clause (c) as under:</p> <p><u>Note: All specifications mentioned above are for guidance purpose. The Contractor may propose other equivalent international standard ensuring proven industrial design practice.</u></p>
12	II	9.3.1	123/223	1.9	General	<p>Modify sub-clause 1.9 as under:</p> <p>With the ambient temperature of 50°C and instrument box protected with IP67 (as required for RMITIS) or IP65, the design for heat evacuation from the box is important for the reliable functioning, and therefore, the Contractor shall submit the steady state temperature attained inside and the margin available. The box shall be designed with effective thermal conditioning system.</p>
13	II	9.3.2	135/223	4	OHE Voltage measurement	<p>Modify the clause 4 as under:</p> <p>The system shall measure in all environment conditions, the OHE voltage that can be processed on board, from a sensor installed on the roof of the vehicle. The voltage shall be measured at real time processing of acquired sensors signals. The voltage measurement shall also be analyzed for average and peak voltage.</p>

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14	I	3	93/172	3	Bidder's Technical Proposal (for Other Machines)	<p>Modify the clause 3 as under:</p> <p>The P&E other than Key Machines shall termed as Other Machine. The manufacturers of other than Key Machines shall be known as Other Manufacturer. Hence Information in reference Other Manufacturer shall be furnished in reference to clause 1(b) and 2(i, ii and iii) above. <u>All above information covered under clause 1 and 2 shall also be required for Other Machines also.</u></p>
15	I	5	131/223	Note (b1)	Schedule 3	<p>Insert Note (b1) at the bottom of Schedule 3 as under:</p> <p>“Offshore & Onshore portion of Work for each currency may be given under column no-3,5,7 & 9 of Schedule-3”</p>