

Dedicated Freight Corridor Corporation of India Limited

(A Government of India Enterprise

Addendum No. 2 dated 09-04-2018

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	I	Section 2	43 of 172	3.2(e)(iii)10)	Requirement	Modify 3.2(e)(iii) 10) as under: Manufacture & Supply of minimum 25 nos. of rail bound self-propelled 4/8-wheeler tower wagon, <u>or</u> <u>AC/DC/AC-DC EMUs/MEMUs/DEMUs,</u> <u>or</u> <u>locomotive(diesel/electric), or self-propelled rail mounted cranes (with any type of transmission)/track machines (self-propelled) for maintenance of OHE</u> during last five (5) years (Calendar/Financial). (For 4.11, 4.12 &4.13 of Schedule 3 of Section 6
2	I	Section 2	41/172	3.2(e)(iii)10)	Requirement	Modify 3.2(e)(iii) 2) as under: Manufacture & Supply of minimum 10 nos. of Ballast Regulating Machine (with hopper) during last three (3) years (Calendar/Financial) (For 4.2 of Schedule 3 of Section 6)
3	I	Section 6	132/172	Para 3	Schedule 4: Payment Schedule	Replace Para 3 of Schedule 4 as under: (3) (i) For Group A of P&E, the payment of 90% (ninety percent) of the Contract Price of the respective P&E (as apportioned in the respective cost centres) shall be made to the Contractor as follows:

						<p>a. For imported P&E: Either fully assembled or supplied in CKD/SKD form to be assembled at Site, on proof of despatch (consisting of Bill of Lading along with proof of Insurance, Inspection Report in accordance with 13.13 of Section 8 of Employer's Certificate and related documents as per the Contract);</p> <p>b. For indigenously manufactured P&E: Either on proof of despatch from the manufacturing plant of the Specialist/Other Manufacturer in fully assembled or supplied in kit form to be assembled at Site, duly submitting documents of proof of despatch, insurance, Inspection Report in accordance with 13.13 of Section 8 of Employer's Certificate and related documents as per the Contract;</p> <p>c. For P&E received at Site in fully assembled or CKS/SKD condition and certification by Engineer of receipt in full.</p> <p>The above Payments shall be made on submission of Bank Guarantee for an equivalent amount in various currencies valid for a period of 56 days over the Scheduled Time of Completion of the respective Section. The Bank Guarantee shall be released on certification by the Engineer on issue of Taking Over Certificate by Engineer of respective P&E. The BG shall be issued by a scheduled commercial bank based in India and shall be sent to the Employer directly by the issuing bank under registered</p>
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						<p>post (AD) or by speed post or by courier service or any other mode acceptable to Employer.</p> <p>Further, the Contractor shall:</p> <ul style="list-style-type: none"> (i) Ensure that the quantities of the Plant and Equipment are based on Inspection Report issued by the Engineer. (ii) Ensure that the equipment whose payment is made on bill of lading as well as the materials/equipment whose payment is made on supply at Site, have been handled with care and delivered at Site undamaged. (iii) Ensure that the materials/equipment when brought to Site are properly stored against loss & pilferage, damage and deterioration. (iv) Ensure that proper up-to-date records on receipt, storage and use in Permanent Works are maintained and available for inspection by the Engineer/Employer. <p>Further, the Contractor agrees that the said material/equipment shall be deemed to be the property of Employer, that the Contractor shall not remove the same without prior approval of the Engineer / Employer and that he shall take due care of the same against theft / damage at no extra cost till their use in the Permanent Works.</p> <p>d. Balance 10% (ten percent) of the payment shall be payable on issue of Taking Over Certificate as per Employer's Requirements vide Clause 3.4 of Vol II pertaining to</p>
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						<p>commissioning, Site Acceptance Tests and Oscillation test, as applicable for respective P&E of each Section.</p> <p>e. For P&E other than 'a', 'b' and 'c' above, 100% payment will be made on issue of Taking Over Certificate for that P&E.</p> <p>3. (ii) For Group B of P&E, 100% (one hundred percent) payment shall be due on issue of Taking Over Certificate for respective P&E of each Section.</p>
4	I	Section 5	108/172	PC 8.2	Time for Completion	<p>Insert at the top of PC 8.2 as under "Replace Sub-clause 8.2 as under:"</p> <p>Insert at the bottom of PC 8.2 as under</p> <p>Time for Completion of each Section shall be on receipt and Issue of Taking Over Certificate of the last P&E.</p>
5		Section 7	163	Contract Forms	Security Against 90% payment of Machine on proof of dispatch & Employer Inspection Report	<p>t 90% payment of P&E on proof of dispatch & Inspection Report de on supply at Site, have been handled with care and delivered at Site undamaged.</p> <p>Insert Note 2 as under:</p> <p><i>2. Insert the expected date which will be 56 days after Time for Completion of the Section to which the P&E belongs</i></p>
6	I	Section 5	103/172	PC 1.1.6.7 Other Definitions	Site	<p>Replace 1.1.6.7 as follows: Site means the place Employer's facility where the Permanent Works (Plant and Equipment) are to be delivered subject to revision through Engineers direction.</p>

7	I	Section 2	87 of 172	6	Form I-B1 General Execution Scheme of Works	Delete para 6 of Form I-B-1 and change the numbering of existing clauses from 7 to 12 as 6 to 11.
8	I	Section 1	23/172	ITB 17.1(d)	Documents establishing the Qualification of Bidder	Bidder shall propose Other Manufacturer(s) for each of the P&E other than Key Machines <u>in accordance with Bid Forms. and subject to approval of the proposed Other Manufacturer by Employer/Engineer.</u>
9	I	Section 5	106/172	PC 4.26	Specialist and Other Manufacturer	<p>Modify the Sub-clause 4.26 as under:</p> <p>The Contractor may engage Specialist/Other Manufacture for whole of the Works</p> <p>The Contractor shall be responsible for the acts or defaults of any Specialist Manufacturer/Other Manufacture, his agents or employees, as if they were the acts or defaults of the Contractor.</p> <p>Prior consent of</p> <ul style="list-style-type: none"> (i) Employer shall be obtained, in case the Contractor proposes for a change of Specialist Manufacture; or (ii) Engineer for a change of Other Manufacture amongst the one already provided in the Contract at any time during the execution of the Contract.
10	I	Section 5	105/172	GC/PC 3.1	Engineer's Duties and Authority	<p>Replace i) as under:</p> <ul style="list-style-type: none"> (i) Clearance of test reports requiring sanction of Commissioner of Railway Safety/Competent Authority

11	II	Section 8	15/223	Clause 12	Approval of Drawings by Engineer	Insert sub-clause 12.3 as under 12.3 The word 'Engineer', Employer/Engineer' and 'Inspecting Officials' wherever appearing in the Bid Document shall mean "Engineer" in accordance with GC 1.1.2.4 and GC/PC 3.1.
12	II	Section 9	57 of 223	2.6	Dimensions and Operating Requirements	Modify clause 2.6 as under: It shall be capable of continuous negotiating curves up to <u>221.8 m (8 degree)</u> radius, super elevation up to 185 mm and gradients up to 3% in travel mode. The Contractor shall specify the minimum attainable speed, as per simulation to be submitted, under the above limiting condition.
13	II	Section 8	23 of 223	18.3(a)	Training	Trainer-man days shall depend on the intricacies of the P&E involved. and the Contractor shall <u>provide training to maximum 5 staff/P&E listed at Sl. No. 1 to 9, 11 to 14, 18 to 19 and 21 in Table A "Definition of Section and Time for Completion" (refer sub-clause 1.1.3.3. of ATB of GC) specify the Trainer-man days required to train the operators to the full satisfaction of the Employer.</u> The Contractor may also specify the training need at his works in India, if considered necessary during a design approval stage. The cost of in-house boarding and lodging (<u>if any</u>) at manufacturers place shall be borne by the Contractor Employer.
14	II	Section 8	8 of 223	4.1	Codes, Standards and Specifications	The Bidder should possess and submit at the Bid stage, a valid IS/ISO-9001:2008 (or latest) certificate for his and his Specialist Manufacturers/Other Manufacturers for their work addresses, covering the items for which they are participating in the Bid. <u>However, it is not mandatory for the Bidder, if he is not a manufacturer of any of the P&E under procurement.</u>
15	II	Section 9	132 of 223	4	OHE Recording Car (ORC)	Insert Clause 5 as under:

						The ORC shall be suitable for the power supply system for normal and high rise OHE and in accordance with SOD of IR and SSOD of DFCCIL as given in the table below:		
		Nominal supply voltage		22.5 kV (rms), 50 Hz, single phase, AC				
		Normal variation in supply voltage		19 kV to 27.5 kV (rms)				
		Occasional maximum voltage		31 kV (rms)				
		Occasional minimum voltage		17 kV (rms)				
		Normal variation in frequency		± 3% (48.5 to 51.5Hz)				
		Normal contact wire height in mid span		Normal OHE	High rise OHE			
				5.5 m from rail level	7.42 m from rail level			
		Max. contact wire height		5.8 m from rail level	7.52 m from rail level			
Min. contact wire height		4.58 m from rail level	7.37 m from rail level					
16	II	Section 8	23 of 223	18.4	. Training	To provide minimum 100 man-days in 4-5 spells of service to accompany with each of the Track Recording Car (TRC), OHE Recording Car (ORC) and training of minimum five personnel of the Employer in each for this measuring equipment to the full satisfaction of the Employer. The trained staff shall be able to work independently thereafter. This shall be completed during pendency of the Contract.		
17	II	Section 8	23 of 223	18.6	Training	In case, the Contractor consider it necessary to train the staff for operation and maintenance at his work, the same shall be submitted during design approval stage and necessary action initiated with the approval of the Employer. The expenditure to be incurred for boarding and lodging shall be borne by the Contractor <u>Employer</u> for training at his premises.		

18	II	Section 9	216 of 223	4	Supplier Experience	<p>Modify Clause of 9.8.4 as under:</p> <p>4. Supplier Experience There are two important parts of the P&E namely the Hopper Wagon and another the Automatic Discharge System. The Other Manufacturer chosen by the Bidder shall meet the following experience collectively:</p> <p>a. Hopper Wagon: Existing RDSO approved source for supply of wagon stock to Indian Railways or any other manufacturer having minimum supply of 400 25 hopper wagons to world Railways during the last three years.</p> <p>b. Automatic Discharge System:</p> <p>i. Experience of supply of minimum 400 25 automatic discharge systems installed, commissioned and working on hopper wagons for the last three years on any world Railways.</p> <p>ii. In case, the Bidder proposes another source having experience in manufacture and supply of minimum 400–25 sets of hydraulic or electric power operating gate along with independent power supply of similar capacity for different application during last three years, then the Other Manufacture shall provide additional warranty of minimum 2 years over and above the Defect Notification Period. The period of additional warranty shall not result in any additional contractual obligation on part of the Contractor.</p>
19	II	Section 9	207 of 223	Vehicle Condition Monitoring Equipment base Station	Vehicle Condition Monitoring Equipment base Station	<p>The Contractor shall be responsible for providing the server system and required software for collecting data, storage and presentation of reports sent by the track side equipment such as WILD and HAHW. The Contractor shall also integrate system for</p>

						transfer of reports of the train to the adjacent <u>Indian Railway network on IP Protocol or any other system for which the</u> and details will be finalized during design approval stage when location of installation is finalized.
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