Dedicated Freight Corridor Corporation of India Limited

(A Government of India Enterprise
Addendum No. 10 dated 02-11-2018
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

SI. No.	Vol	Section	Page No.	Clause/ Para No.	Item	Proposed amendments in the Bidding Documents
1	II	8	13/223	11.2	Design and Drawing	Modify sub-clause 11.2 as under: The Contractor shall ensure that the design prepared for supply of P&E shall be similar or better than the machine supplied for which the Specialist Manufacturer has been qualified as per sub-factor 3.2(e)(iii) Section 2 of Vol I. The Engineer may ask for design details of the previous supply during design approval stage if considered applicable.
2	II	8	13/222	11.9	Design and Drawing	Modify sub-clause 11.9 as under: From the information given in this specification, & bid submission, the contractor shall prepare a full set of engineering drawings, write ups, calculations etc. and submit the same to the Engineer for approval.
3	II	9.4.3	163/223	4.2.1	Bridge Inspection Vehicle SI. No. 32 of Addendum No. 8 dated 12-09- 2018	Delete SI. No. 32 of addendum No. 8

SI. No.	Vol	Section	Page No.	Clause/ Para No.	Item	Proposed amendments in the Bidding Documents
	I	2	43/172	3.2 (e) Experience Sub- factor3,2(e)(iii) 10.1	Experience	Insert 10.1) in Col. No. 2 'Requirement' as under and/or 10.1) Manufacture and supply of minimum 5 nos. of self-propelled rail or road or rail-cum road Bridge Inspection Vehicle mounted with Bridge Inspection Platform of similar capacity as per Employer's Requirement during last (7) seven years. (Calendar/Financial) (for 4.13 of Schedule 3 of Section 6) [total proposed Specialist Manufacturers shall be in accordance with ITB 17.1(b) BDS]
	II	9.4.3	163/223	Bridge Inspection Vehicle	Clause 2	Replace clause 2 of Section 9.4.3 as under 2. Supplier Experience During design review stage, the Engineer shall, also examine the following: a. In case the Specialist Manufacturer is qualified in accordance with Requirement at Sl. No. 10 of clause 3.2 (e) Experience, the bridge inspection platform manufacturer chosen by the Specialist Manufacturer /Contractor shall have supply experience in accordance with Sl. No. 10.1 of clause 3.2 (e) Experience.; b. If the Specialist Manufacturer is qualified in accordance with Requirement at Sl. No. 10.1) clause 3.2 (e) Experience, the Bridge Inspection Vehicle manufacturer chosen by the Specialist Manufacturer/Contractor shall have supply experience of self-propelled vehicle in accordance with Sl. No. 10 of sub-clause 3.2(e) Experience Vol I and shall comply with the requirement in accordance with Employer Requirement of Section 9.4 and this Section; and c. A documentary evidence of supplier experience supported by the client certificate as the case may be shall be furnished. The entire responsibility of installation integration, testing and commissioning shall be borne by the Specialist Manufacturer only as qualified in accordance with Sl. No. 10 and/or 10.1 of clause 3.2 (e) Experience Vol I.

SI. No.	Vol	Section	Page No.	Clause/ Para No.	Item	Proposed amendments in the Bidding Documents			
4	Vol	9.8	Page No. 216/223		Supplier Experience	Modify the para 4 of section 9.8 as under incorporating the changes already issued under sl. No. 18 of addendum no.2: 4. Supplier Experience Other Manufacturer Experience (To be submitted at Bid Stage for qualifying as Other Manufacturer) There are two important parts of the P&E namely the Hopper Wagon and another the Automatic Discharge System. The Other Manufacturer, either as single entity or in association/ partnership with other agency, chosen by the Bidder shall meet the following experience collectively as under: a. Hopper Wagon: Existing RDSO approved source for supply of wagon stock to Indian Railways or any other manufacturer having minimum supply of 25 hopper wagons to world Railways during the last three seven years. b. Automatic Discharge System: i. Experience of supply of minimum 25 automatic discharge systems installed, commissioned and working on hopper wagons for the last three seven years on any world Railways ii. In case, the Bidder proposes another source having experience in manufacture and supply of minimum 25 sets of hydraulic or electric power operating gate along with independent power supply of similar capacity for different application during last three seven 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. c. Client certificate shall be provided in support of the supply experience. In case, client certificate is not provided in support of the supply experience. In case, client certificate is not provided in support of the supply experience. In case, client certificate is not provided in support of the supply experience. In case, client certificate is not provided in support of the supply experience. In case, client certificate is not provided in support of the supply experience. In case, client certificate is not provided in support of the supply experience.			

SI. No.	Vol	Section	Page No.	Clause/ Para No.	Item	Proposed amendments in the Bidding Documents		
5	II	9.2	93/223	3.11	Working Mechanism of Rail Grinding Machine	Replace sub-clause 3.11 as under: Each grinding module shall comprise of a ring-shaped stone and a grinding mot with suitable positioning mechanism to control the stone position, to achieve the target profile by the various grinding module configurations. Firm shall submart their module arrangement. Configuration should have a fully adjustable anguage of +70 degrees to gauge and -20 degrees to field, independently controlle from the operator station in the cab. Each grinding motor spindle angle shall the accurate within ±0.25° (plus/minus one quarter of a degree) of the designed spindle axis positioning angle. Each module shall contain one or more grinding motors with, independent tilt cylinder for each module and must have the capability of being positioned by the control system independent of any oth grinding module. In each module grind motor/tilt cylinder should be separated to certain angle so that heating or other impact does not take place on rail. The tilting cylinders should not be shared with adjacent modules and must be independent for each module.		
6	II	9.2	97/223	3.43	Working Mechanism of Rail Grinding Machine	Replace sub-clause 3.43 as under: Grinding patterns must be balanced and not changed with curve super elevation of the track on which the rail grinding machine is operating except for changes will made from the system. The rail grinding machine shall be equipped with a system to maintain a positive pressure and constant reference to the gauge face of the rail.		
7	II	9.2	94/223	3.18	Working Mechanism of Rail Grinding Machine	Replace sub-clause 3.18 as under: The default setting of the direction of rotation and cant of the motor with respect to rail shall be to contain the spark inwardly.		

SI. No.	Vol	Section	Page No.	Clause/ Para No.	Item	Proposed amendments in the Bidding Documents					
8	II	9.3.1	130/223	11	Supplier Experience	Replace the Heading "Supplier experience", with the following text; "During design review stage, the Engineer shall, also, examine the following:"					
		9.3.2	136/223	6	Supplier Experience	Replace the Heading "Supplier experience", with the following text; "During design review stage, the Engineer shall, also, examine the following:"					
		9.3.2	136/223	6	Supplier Experience	Modify last line of para 3 of clause 6 as under: "and having functionality for automatic detection of the track/OHE defects."					
9	I	5	99 0f 172	ATB 14.2	Advance Payment SI. No. 6 of Addendum No. 1 dated 09-02- 2018	Insert the following after 'Security' in the second line of para 2 of sl. No. 6 of addendum no. 1 dtd 09-02-2018: 'and issue of notice of Commencement of Work by the Engineer'					
10	I	7	166/172	Note SI. No. 11 of Addendum No. 1 dated 09-02-2018	MOU for a subcontracting agreement with Specialist Manufacturer/ Other Manufacturer	In the first line of SI. No. 11 of addendum no. 1 dated 09-02-2018 Restore the text "Manufacturer" after the text "Specialist"					
11	I	7	163/172	Contract Form	Security against 90% payment of Machine on proof of dispatch and Employer inspection report	Modify third line of the para 2 of the Form as under: 'being 90% of the 0.95 part of the lump-sum Contract Price'					

SI. No.	Vol	Section	Page No.	Clause/ Para No.	Item	Proposed amendments in the Bidding Documents						
12	II	9.8	216/223	3.2 (b)	Automatic Discharge	Insert the following below sub-clause 3.2(b): The remote operation shall be built in for panel operation and remote operation i.e. infrared or GSM/GSM base. Infrared or GSM/GSMR base shall be decided during design approval stage. The Contractor shall submit the documentary evidence of the design of remote-controlled system followed in the supplies based on which the Experience is claimed in accordance with 4 b (i).						
13	I	3	76/172		SI.No. 15 of Addendum No. 3 dtd.14-05-18	Modify the content of the heading of SI. No. 15 of Addendum No.3 dated 14-05-2018 from "SI. No. 9" to "SI. No. 10"						
14	I	Section 3	94-95/172	Attachment D of Addendum no-3 dated 14-05-2018	Check List of Submission of Documents for Technical Bid SI. No. 8 and 9	SI. No. 8 and 9 of SI. No. 14 of Addendum No. 3 dated 14-05-2018 In the 2 nd line of text of sI no-8 & 9 ,in Col. No. 2 (Requirement of Technical Bid) of Attachment – D (Ref – SI. No. 14 of Addendum No. 3 dated 14-05-2018), replace '03 months' with '06 months'						
15	II	Section 9.3.3	143/223	3	Inspection Vehicle	Insert sub-clause 3(e) as under: e. Air-conditioning shall be provided in accordance with sub-clause 3.20(b) of Section 9.3						
16	I	3	89/172	Form I-B-2, (e)	Col. 3 of Table of sub-clause (e)	At sl. No. 1,2 and 3 of the 3 rd column (Total Experience) of Sub Para (e) of form I-B-2, replace existing numbers '15', '10' and '10' with the numbers '10', '7' and '7', respectively.						
17	I	7	171/172	SI. No. 9 of Addendum No. 5 dtd 22-06-2018	Form of Retention Money Guarantee	In the 3 rd to 6 th column at sl no-9 of the Addendum No. 5 dated 22-06-2018, add new row as under; Section Page no- Clause/Para no item e- Form of retention Money Guarantee Money Guarantee						

SI. No.	Vol	Section	Page No.	Clause/ Para No.	Item	Proposed amendments in the Bidding Documents
18	I	5	100/172	SI.No13 of Addendum No. 1 dated 09-02-2018	Payment of retention Money	In the second line of SI. No. 13 of Addendum No. 1 dated 09-02-2018, add the following Text after the text "Payment Schedule" " as modified vide item no-19-21 of addendum no-3 dated 14-05-2018"
	I	5	100/172 and 114/172	SI. No. 3 of Addendum No. 5 dated 22-06-2018	Payment of Retention Money	Delete SI. No. 3 of Addendum No. 5 dated 22-06-2018 and replace as under:
			100/172	PC 14.3(c)	Payment of retention Money (ATB) Sub-clause 14.3(c)	Replace Ten percent (10%) by five percent (5%) in the first sentence of the PARTII: Part A: ATB sub-clause 14.3(c).
			114/172	PC/14.9	Payment of Retention Money	Replace the PC 14.9, as under: Delete the first para;
						Replace the 2 nd Para, as under:
						Fifty (50) percent of the Retention Money shall be released on the completion of the Defect Notification Period of the concerned P&E and balance Retention Money on completion of the latest of the expiry dates of the Defect Notification Period of the last P&E in the Section, subject to certification by the Engineer for payment to the Contractor;
						Delete the last para.

SI. No.	Vol	Section	Page No.	Clause/ Para No.	Item	Proposed amendments in the Bidding Documents
19	II	8	18/223	14.3.3 14.3.5	Commissionin g and Site Acceptance Test	Replace 14.3.3 as under: The Employer shall depute his representative within 10 (ten days) from the date offered by the Contractor for Commissioning Test as per the approved ITP. Insert a new sub-clause 14.3.5 as under: Site Acceptance Test (or Field Acceptance Test) shall be conducted only after the successful completion of oscillation test, where applicable as detailed in sub-clause 25.2. For other P&E, it shall start immediately and in no case later than 5 days from the date of acceptance of commissioning test. Replace the first line of sub-clause 14.4 as under; On confirmation of all above requirements, the Engineer will issue 'the Taking Over Certificate' within 15 days of Site Acceptance Test, of the respective P&E subject to:
20	II	8	10/223	4.12	Codes, standards and Specifications	Insert the following at the end of the sub-clause 4.12 as under: The Contractor shall submit the documentary evidence in support of the Bharat Stage norm as applicable on 28 days prior to the latest bid due date, at the time of design approval for confirmation by the Engineer. In case, Bharat Stage norm is not applicable for the size of the diesel engine applicable for a specific P&E, then documentary evidence of the equivalent international standards shall be provided, which is in accordance with the CPCB norms.
21	I		52/172 and item No.6 of Addendum 8 dated 12-09- 2018	5.6(a)	Check of unbalanced bid	Insert "lowest evaluated" in place of 'successful-Bidders'-in the first line of the clause 5.6(a)
22	II	8	16/223 and item No.5 of Addendum 8 dated 12-09- 2018	13.2(b)	Inspection, Testing and Commissionin g	Replace (b) of clause 13.2 amended as per sl. No.5of addendum n. 8 dated 12-09-18 as under (b) if a design is already working over Indian Railway for the minimum three years or prototype test done and approved by IR not older than three years from the Bid Due Date subject to submittal of documentary evidence to support the claim and speed certificate (if applicable); and/or

SI. No.	Vol	Section	Page No.	Clause/ Para No.	Item	Proposed amendments in the Bidding Documents
23	ı	2	44/172	12 and 13 of Factor 3.2 (e) Experience	Requirement	In the 3 rd line of sub-factor 3.2 (e) 12 and 13, replace 'three (3) years' with 'seven (7) years'
24	II	9.7.1	209/223	3	Wheel Impact Load Detector	Modify para 1 of clause 3 as under: The system shall comprise adequate number of channels, with two numbers as spares for each pair of rails, which shall be sufficient and capable to demonstrate coverage of minimum 95100% of wheel tread/circumference of all types of rolling stock over the full speed range of 30 kmph to 100 kmph.
25	I	Section 6	128-131/172	Attachment no-1 as referred in SI. No. 10 of Addendum No. 9 dtd 12-10-2018, And, SI no-15 of Addendum no-6 dated 12-07-218	Schedule – 3 of Bid Price	Add the following new para below the Para (c) of Attachment no-1 as referred in SI. No. 10 of Addendum no. 9 dated 12-09-2018; "The Bidder shall submit the duly filled Sch.3 to the Engineer for approval." And; Delete SI. No. 15 of Addendum No. 6 dated 12-07-2018
26	I	6	132-133/172	SI. No. 10 Addendum No. 9 dtd. 12.10.2018, And, SI no-1 of Addendum no-5 dated 22-06-2018	Schedule – 4 of Bid Price (Payment Schedule)	In the first line of Para below 3(i)(c) of attachment no-2 to Addendum no-9 dated 12-10-2018, add, after the text "bank Guarantee", the following Text; "except in case of supply being made under 3(i)(c) above" And; Delete SI. No1 of addendum no-5 dated 22-06-2018
27	II	9.2	100/223	7.2	Safety Mechanism	Delete "and RIV" from the first line.

SI. No.	Vol	Section	Page No.	Clause/ Para No.	Item	Proposed amendments in the Bidding Documents
28	II	9.1	57/223	2.9	Dimension and Operational Requirements	Replace first sentence of the para as under: 'During running from one station to another, it shall be capable of travelling on its own at a speed of 80 Kmph and at a speed of 100 Kmph when hauled in a train formation as last vehicle.'
	II	9.2	90/223	2.9	Dimension and Operational Requirements	Modify first sentence of the para as under: 'The Rail Grinding Machine in consist/formation and Rail Inspection Vehicle (in composition with all its integral part) shall be capable of travelling at a speed of 80 kmph in either direction when travelling on its own power'
	II	9.8	215/223	2(g)	Ballast Hopper Wagon	Replace '100 Kmph' by '80 Kmph' in sub-clause 2(g)
	II	8	27/223	25.2	Sanction of vehicle for working over DFCCIL network- SI. No. 31 Addendum No. 8 dated 12-09- 2018	 Modify para (a) of SI. No. 31 of Addendum No. 8 dated 12-09-2018 as under: a. The Maximum permissible speed of 80-100 Kmph or above of rail base P&E over DFCCIL network shall be certified by conducting oscillation test by an Independent Agency/Accessor and/or RDSO to be engaged by the Employer at his cost. The oscillation test shall be done at 110% of the maximum permissible speed.
29	Ι	1(ITB)	23/172	ITB 17.1(h) (BDS)	Documents Establishing the qualification of the Bidder	In the second & third line of ITB sub Clause 17.1(h) BDS, insert after the text "Specialist" the following Text; "Other" In the second line of ITB sub Clause 17.1(h), insert after the text "Key" the following Text; "Other"
30	I	1(ITB)	23/172	ITB 17.1(d) (BDS) SI no-8 of addendum no-2 dated 09-04-2018	Documents Establishing the qualification of the Bidder	In the third line of SI no-8 of Addendum no-2 dated 09-04-2018, insert, after the text "with", the following text; "ITB sub Clause 17.1 BDS and"

SI. No.	Vol	Section	Page No.	Clause/ Para No.	Item	Proposed amendments in the Bidding Documents				
31	I	3 (Bid Forms)	76-77/172	Form-EXP- 3(contd.)	Specific experience in Manufacture & supply of Key & Other Machine	Replace the Form EXP-3 (contd.) with the revised Form EXP-3 (contd.) given as Attachment No. 1 to Sl. 31 of Addendum No. 10 incorporating all the addendums				
32	II	8	16/223	13.2.1	Inspection, Testing and Commissionin g	Replace sub-clause13.2.1 of Section 8 as under: The Contractor shall engage an Independent Agency and/or Independent Accessor at his own cost for undertaking validation testing as per relevant international standard of the P&E covered under 9.3.1 and 9.3.2 including assembly or sub-assembly as applicable duly witnessed by the representative of Employer if considered necessary by Employer.				
33	I	2	42/172	Factor 3.2 (e) Experience	SI. No. 10 of SI. No. 8 of Addendum No. 8 issued on 12-09-2018	Insert the following in SI. No. 10 after 'AC/DC/AC-DC EMUS/MEMUs/DEMUs or Locomotive (diesel/electric)' and 'or' the following: (each Motor Coach-Trailer Coach of 2/3/4 car formation/Locomotive shall count as one number)				
34	II	9.1.2	72/223	17	Site Acceptance	Replace the heading of the respective clause as under:				
		9.1.3	76/223	26	Test	'This shall be conducted on the first machine and the ITP shall include and not limited to the following items:'				
		9.1.4 9.1.5	81/223 84/223	26 13		innited to the following items.				
35	П	8	22/223	18.2.1	Training	Modify sub-clause 18.2.1 as under:				
						The training shall be at the manufacturer premises which can be in India or abroad or both as decided by the Employer depending on the importance of assembly/sub-assembly involved. The travel (air travel by economy class only), boarding, lodging expenses and other facilities at the premises will be borne by the Contractor. The training for the P&E listed at SI.No. 10, 11, 12, 17 and 20 shall be in India only.				

Attachment No. 1 to SI. 31 of Addendum No. 10

Form EXP - 3 (contd.)

Specific Experience in Manufacture & Supply of Key Machines Summarised Information in respect of each of the above claimed experience:

SI. No.	Description of the Key Machines in accordance with Sub-Factor 3.2 (e) (iii) of Section 2:	No of Years preceding the Bid Due Date	Specialist Manufactu rer 1 ID No.	No. of Machi nes suppli ed	Ref. Page No(s) of documentary evidence	Specialist Manufacturer 2 ID No.	No. of Machines supplied	Ref. Page No(s) of documentary evidence
1	Manufacture & Supply of Continuous Tamping Machine with integrated dynamic stabilizer	7						
2	Manufacture & Supply of Ballast Regulating Machine	7						
3	Manufacture & Supply of Shoulder Ballast Cleaning Machine	7						
4	Manufacture & Supply of Points & Crossing Tamping Machine	7						
5	Manufacture & Supply of Dynamic Stabilizer	7						
6	Manufacture & Supply of Duomatic Two Sleepers Continuous Tamping Machine	7						
7	Manufacture & Supply of Mobile Rail Grinding Machine	7						

SI. No.	Description of the Key Machines in accordance with Sub-Factor 3.2 (e) (iii) of Section 2:	Years preceding	Specialist Manufactu rer 1 ID No.	No. of Machi nes suppli ed	Ref. Page No(s) of documentary evidence	Specialist Manufacturer 2 ID No.	No. of Machines supplied	Ref. Page No(s) of documentary evidence
8	Manufacture & Supply of self-propelled Track cum OHE Measurement and Recording Car to any Electrified Section of any Railway	7						
	Manufacture & Supply of self-propelled OHE Monitoring and Recording Car to any Electrified Section of any Railway	7						
10	Manufacture & Supply of rail bound self-propelled 4/8- wheeler tower wagon or AC/DC/AC-DC EMUs/MEMUs/DEMUs, or locomotive(diesel/electric) (each Motor Coach-Trailer Coach of 2/3/4 car formation /Locomotive shall count as one number), or self-propelled rail mounted cranes (with any type of transmission)/track machines (self-propelled) (15/3)	7						
10.1	Manufacture and supply of self-propelled rail or road or rail-cum road Bridge Inspection Vehicle mounted with Bridge Inspection Platform of similar capacity as per Employer's Requirement	7						
11	Manufacture & Supply of Rail cum Road vehicle for maintenance of OHE	7						
12	Manufacture & Supply of Wheel Impact	7						

SI. No.	Description of the Key Machines in accordance with Sub-Factor 3.2 (e) (iii) of Section 2:	Years preceding	Specialist Manufactu rer 1 ID No.	No. of Machi nes suppli ed	No(s) of	Specialist Manufacturer 2 ID No.	No. of Machines supplied	Ref. Page No(s) of documentary evidence
	Load Detector (WILD)							
	Manufacture & Supply of Hot Axle and Hot Wheel (HAHW) Detector	7						
14	Manufacture & Supply of OHE Rehabilitation/Renewal Equipment	7						

*The year may be either calendar or financial year as followed in the country of origin of Specialist Manufacture and shall be marked in the Column with submittal of documentary evidence in support.

	Authorized Signatory
F	or and on behalf of Bidder
	Date