

**Dedicated Freight Corridor Corporation of India Limited**

(A Government of India Enterprise)

Addendum No. 3 dated 14-05-2018

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	Section 9	148 of 223	3.12	Driving Cab	<b>Modify 3.12 as under:</b> Non-contact type OHE voltage sensing device on the roof and indication in both the cabs shall be provided. The output shall be integrated on the driver desk- <u>with the control panel of the hydraulic platform/crane mounted on the vehicles covered under 9.4.1, 9.4.2 and 9.4.3.</u>
2	II	Section 9	145 of 223	1.4	General	1.4 The vehicle is 4 axle/8wheeler, self-driven with following traction features a. Two numbers under-slung mounted, Diesel Engine, one per bogie <del>b. Diesel Electric 8-wheeler tower wagon consisting of an alternator, power rectifier, traction motors and control unit and all four axle driven</del> <u>e.b. Diesel Electric/Hydrostatic/Hydrodynamic transmission for Rail Bound Mobile Vehicle, 8-wheeler Tower Wagon and Bridge Inspection Vehicle and minimum one axle drive of each bogie when provided with hydrostatic/hydrodynamic transmission.</u>

3	II	Section 9	168 of 223	4	Rail cum Road Maintenance Vehicle	Replace Clause 4 as under 4 The Defect Notification Period shall cover the road vehicle along with the rail movement fixture provided by the Contractor.
4	II	Section 9	168 of 223	11	Rail cum Road Maintenance Vehicle	<b>Modify 11 as under:</b> <del>Ground Front</del> clearance from the rail shall be as low as possible, but not be lower than 110 mm
5	II	Section 9	168 of 223	12	Rail cum Road Maintenance Vehicle	<b>Modify 12 as under</b> Transmission from the road to rail wheel shall be selected as per the suitability of design with <u>hydrostatic drive minimum possible energy loss, stability and maximum with capability to work at minimum speed of 50 Kmph on rail safely.</u>
6	II	Section 9	169 of 223	17.1 and 18	Rail cum Road Maintenance Vehicle	<b>Delete Clause 18 along with 17.1 and 17.2.</b>
7	II	Section 9	196 of 223	4	MEWP Scheme 1	Modify clause 4 as under: The make of the road vehicle shall preferably by any one of MAN, Renault, <del>or</del> Volvo <u>or any other reputed Indian brand</u> and all-wheel drive <u>for easy negotiation over uneven surface.</u>
8	II	Section 9	218 of 223	2	General	<b>Modify the second sentence of clause 2 as under:</b> The vehicle platform shall be similar to Section 9.4 except that in the present case it is self-propelled with one DG set and two numbers of Traction Motor <u>or with hydrostatic/hydrodynamic drive and not requiring facilities</u> for staff, store, workshop, tools etc. <u>as the tower wagon attached to the vehicle during work shall provide for such facilities. shall be required</u>
9	II	Section 9	215 of 223	3.1	System of Ballast discharge	<b>Modify the sub-clause 3.1as under:</b> Manual Discharge  Four numbers of wheel on both sides with linked mechanism <u>or any other integrated mechanism</u> to open and close the gate shall be provided. This system shall only be operated when automatic discharge system is disabled.

10	II	Section 9	209 of 223	2	Wheel Impact Load Detector (WILD)	Delete 2 <sup>nd</sup> sustenance of Para 2 as under: <del>It should be capable of predicting the approximate time to reach a certain user-settable threshold limit based on past trends of parameters as measured by one or more detectors</del>
11	I	Section 5	100 of 172 115/172	PC 18.5		Delete ATB Sub Clause 18.5.  Delete Sub Clause PC 18.5 (Professional Indemnity Insurance)
12	I	Section 5	109/172	GC/PC 11.1.(1)		In the third line of sub Clause 11.1. c1), replace text "5(five) calendar days" with the text "10(ten) calendar days" and in c2) replace text "10 working days" by 15 calendar days"
	II	Section 8	24/223	19.3	Penalty for delay in attending defects	Replace in sub-clause (a) the text "5 calendar days" with text "10 calendar days" and in sub-clause (b) the text "10 working days" with text "10 calendar days"
13	I	Section 7	168/172	Specialist/ Other Manufacturer's Warranty	Clause 6	<b>Replace clause 6 as under:</b> Insofar as the copyright or other intellectual property rights, in any plans, calculations, drawings, documents, materials, know-how and information relating to the Sub-contract Works shall be vested in the Specialist/Other Manufacturer, the Specialist/Other Manufacturer shall ensure provisioning as required under GC/PC 5.7.
14	I	Section 3	94-95 of 172	D	Checklist of submission of Documents for Technical Bid	<b>Replace the 'Checklist of Submission of Documents for technical Bid' , as Attachment D.</b>
15	I	Section 3	76/172	Form EXP-3 (Contd.)	Specific Experience in Manufacture and supply of Key Machines	<b>Replace the content of Col 2 at Sl. No. 2 as under:</b> Manufacture & Supply of Ballast Regulating Machine

15	I	Section 3	76/172	Form EXP-3 (Contd.)	Specific Experience in Manufacture and supply of Key Machines	<b>Replace the content of Col 2 at Sl. No. 9 as under:</b> Manufacture & Supply of rail bound self-propelled 4/8-wheeler tower wagon or AC/DC/AC-DC EMUs/MEMUs/DEMUs, or locomotive(diesel/electric), or self-propelled rail mounted cranes (with any type of transmission)/track machines (self-propelled)
16	II	Section 9	136 of 223	8	Sl. No. 15 of Amendment No. 2	<b>Modify the heading of the Sl. No. 15 of Amendment 2 by replacing '5' with '8'.</b>
17	I	Section-5 Part-II Part- B	113- 114/172	PC sub Clause 14.7	Payment	<p>1. Delete the item no-51 of Amendment no-1 dated 09-02-2018.</p> <p>2. Replace the PC sub Clause as under ;</p> <p>In the GC sub Clause 14.7;</p> <p>(i). Delete the last Para, "Payment of the amount due in each currency -----specified in the Contract".</p> <p>(ii) In the GC sub Clause , 14.7(c) add the following Text;</p> <p>(a). All payments under the Contract shall be made in accordance with the JICA Guidelines for Procurement under Japanese ODA Loans Payment to the Contractor of the foreign portions using the proceeds of the Loan shall be made by the Commitment Procedure or reimbursement procedure (as may be mutually agreed between the Parties, prior to signing of Contract Agreement. The local currency portion will be paid to the designated Bank of the Contractor under reimbursement Procedure.</p> <p>(b) Neither the Employer nor JICA will be liable for any currency conversion loss incurred by the Contractor as a result of the payment procedures.</p>

						<p>(c) In case of commitment procedure, Charges associated with the transfer of funds from JICA to the Contractor's account including opening and amendment commissions of the Letter of Credit shall be borne by the Employer.</p> <p>(d) The payment shall be made to the JV/Consortium/Association. However, in case of Consortium/Association, the direct payment to individual members of Consortium/Association can be made; on joint certification by the Contractor Representative of the Consortium/Association and concerned respective Authorized Representatives of individual constituent members, after making requisite recoveries/ deduction from the Gross payment. In this case, a notarized MOU (on Non Judicial Stamp Paper) jointly signed by Contractor Representative and concerned respective Authorized Representatives of individual constituent members to this effect need to be submitted to the Employer on commencement of the Work."</p>
18	I	Section-5 (Conditions of Contract) Part-II Part-B	112/172	PC sub Clause 14.3	Application for interim Payment Certificates	<p>The last line of Para -4 containing text " ....shall accompany the bill so that Payment can be substantiated by the Engineer as well as the Employer"</p> <p>shall now be read as;</p> <p><b>““ ....shall accompany the bill so that Payment can be substantiated by the Engineer”</b></p>
19	I	Section-5 (Conditions of Contract) Part-II Part-B	112-113	PC sub Clause 14.4.(a) & 14.4.(c)	Schedule of Payment	<p>1. In the second &amp; fourth line of sub Para 14.4.(a) and first line of sub para 14.4(c) , the Text " respective weightage Percentage" &amp; "Percentage weightage" shall be qualified by the following Text;</p> <p><b>“(The respective weightage Percentages w.r.t. Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer)”</b></p>



**Attachment D**

## D. Checklist of submission of Documents for Technical Bid

(Sl. No. 14 Addendum No. 3)

Sl. No.	Requirements of Technical Bid	Reference Clause No. of Bid Documents	Bidder's Name _____			
			Yes /No	Ref. or Page no.# of the Bid		
				Start	Ending	Volume
1.	Evidence of payment for 'cost of bidding documents'	Clause 1.1(b)(i). Stage-1 of Section 2				
2.	One Original and Two copies of Technical Bid	ITB 20.1		Not Applicable		
3.	Three Soft Copies of Technical Bid on CD	ITB 20.1				
4.	Original and all Copies of Technical Bid- All pages serially numbered, indexed and hard bound	ITB 20.2				
5.	Original and all Copies of Technical Bid signed by authorized representative of Joint Venture / Consortium. All documents pertaining to Specialist Manufacturer(s)/Other Manufacture(s) are also signed by their authorised representative.	ITB 20.2; FORM MAN				
6.	Validity of Bids – 180 days after Bid Submission deadline Date	ITB 18.1				
7.	Bid Security (US\$ 1,020,000 or equivalent INR) using Reference Rate of RBI as exchange rate as on 22 <sup>nd</sup> June 2018 (validity 28 days beyond Validity of Bids)	ITB 19, Section 3 (B)				
8.	Power of Attorney (Duly Notarized & executed up to 03 months prior to Bid submission deadline) in respect of authorized representative of each Partner of the Joint Venture / Consortium including Specialist Manufacturer(s)/Other Manufacturer(s). <i>[Insert row for each Specialist/Other Manufacture]</i>	ITB 4.1 (d), ITB 20.2, Form MAN				
	Authenticated evidence e.g. Board Resolution establishing the Authority of the person issuing the Power of Attorney					
9.	Power of Attorney (Duly Notarized & executed up to 03 months prior to Bid submission deadline) to Authorized Representative of the JV /Consortium from the Lead Partner, duly signed by the authorized representatives of all the partners of JV / Consortium	BDS 4.1 (b), ITB 20.2 and ITB 20.3				
10.	Form ELI -1.1	ITB 17.1 and 3.2 (a) (i) of Section 2				
	Article of incorporation	Foot note of Form ELI 1.1				
11.	Form ELI -1.2	ITB 17.1 and 3.2 (a) (ii) of Section 2				

Sl. No.	Requirements of Technical Bid	Reference Clause No. of Bid Documents	Bidder's Name _____			
			Yes /No	Ref. or Page no.# of the Bid		
				Start	Ending	Volume
	Article of incorporation for JV Member and Specialist Manufacturer(s)/Other Manufacture(s)	Foot Note of Form ELI 1.2				
12.	Form MAN (to ensure submission for each proposed Specialist Manufacturer(s)/Other Manufacture(s) by naming and inserting row)	BDS 17.1(h) and Section 3A				
13	Form CON: Historical Contract Non-Performance (to ensure submission for each proposed Specialist Manufacturer(s)/Other Manufacture(s) by naming and inserting row)	ITB 17.1 and 3.2 (b) (i) of Section 2				
14.	Form FIN-1 : Financial Situation (To ensure compliance of Notes given below the Form and submission of Financial documents as stated)	ITB 17.1 and 3.2 (c) (i) of Section 2				
15.	Form FIN-2: Average Annual turnover (To ensure compliance of Notes given below the Form)	ITB 17.1 and 3.2 (c) (ii) of Section 2				
16.	Form FIN-3&4: Financial Resources ((To ensure compliance of Notes given below the Form)	ITB 17.1 and 3.2 (c) (iii) of Section 2				
17.	Form ACK: Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loans	ITB 17.1 and 3.2 (c) (iv) of Section 2				
18.	Copies of Financial Statements for last 5 years of each Partners of JV / Association/ Consortium	Form FIN-1				
19.	JV / Association/ Consortium Agreement	ITB 11.4 & Form ELI-1.1				
20	Letter of Technical Bid	ITB 11.2(a) and Section 3 (C)				
21	Form EXP – 1 General Experience in Engineering and Construction and/or Procurement Contracts	ITB 17.1 and Clause 3.1 (c) and 3.2(e)(i) of Section 2				
22	Form EXP – 2 Specific Experience in Engineering and Construction and/or Procurement Contracts	ITB 17.1 and Clause 3.1 (c) and 3.2(e)(ii) of Section 2				
23.	Form EXP – 3 Specific Experience in Manufacturer and Supply of Key Machines	ITB 17.1 and Clause 3.1 (c) and 3.2(e)(iii) of Section 2				
24	Proforma Letter of Participation from Each Member of JV / Association/ Consortium	ITB 16.1, Section 3 (B)				
25	Form I-B-1: General Execution Scheme of Works	ITB 16.1, Section 3 (C)				
26	Form I-B-2: Organization Charts including Service Organization and Manning Schedule	ITB 16.1, Section 3 (C)				
27	Form PER - 1: Proposed Personnel	ITB 16.1, Section 3 (C)				



Sl. No.	Requirements of Technical Bid	Reference Clause No. of Bid Documents	Bidder's Name _____			
			Yes /No	Ref. or Page no.# of the Bid		
				Start	Ending	Volume
28	Form PER - 2: Resume of Proposed Personnel	ITB 16.1, Section 3 (C)				
29	Form 1-B-3 : Technical Parameters of Plant & Equipment (Insert row below for each of the P&E)	ITB 16.1, Section 3 (C)				
30	Bid Documents (Volume I & II) including all addenda returned duly signed & stamped on all the pages.	BDS 20.5				
31	Any other document					

Note- Regarding item no-8 & 9 above, All Power of Attorney, if executed in India, shall be on INR 100/- Non Judicial Stamp Paper issued by the respective State Treasury.

### Certificate

1. This is to certify that our Technical Bid is in full compliance with all the conditions, requirements and specifications as included in the Bid Documents including all the Addendums thereto.
2. This is to certify that the information has been furnished without making any changes in the form and if any changes is unavoidable, the same is submitted with a explanatory notes in accordance with the Bidding Documents.

Bidder's Authorized Signatory:

Signature:

Name:

Position:

Date: \_\_\_\_\_

Company:\_\_\_

Company Stamp





	Description of Cost Centre	Weightage of Cost Centre (% of total Accepted Contract Amount (See Note (b) below))	Weightage of Cost Centre - Foreign Currency (JPY) Portion Out of Column-(2) * in terms of percentage	Foreign Currency (JPY) Column no-(3) x Conversion Factor (INR to JPY as on Base date) x Bid Price in INR (X)	Weightage of Cost Centre - Foreign Currency-2, Portion# Out of Column-(2) * in terms of percentage	Foreign Currency (2) Column no-(5) x Conversion Factor (INR to Foreign Currency-2, as on Base date) x Bid Price in INR (X)	Weightage of Cost Centre - Foreign Currency-3, Portion# Out of Column-(2) * in terms of percentage	Foreign Currency (3) Column no-(7) x Conversion Factor (INR to Foreign Currency-2, as on Base date) x Bid Price in INR (X)	Weightage of Cost centre-Local Currency #Portion Out of Column-(2) *	Local Currency in INR Column no-(9) x Bid Price in INR(X)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	elevated working platform (MEWP)									
19	4.19 - Vehicle Condition Monitoring Equipment Base Station consisting of Wheel Impact Load Detector (WILD) & Hot Axle & Hot Wheel (HAHW) Detector									
20	4.20 - Ballast Hopper Wagon with remote control discharge									
21	4.21 - OHE Rehabilitation/Renewal Equipment									
22	4.22 - Flat wagon for carrying Rails									

- (a) \*The weightage mentioned in Column no-2 should be equal to the sum of weightages mentioned in column no-3, 5, 7 & 9 i.e. Col no-2 = Col no.3+ Col no. 5+ Col No. 7+ Col no. 9.
- (b) The respective percentages for each of the P&E in Col 2 above, of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer.
- (c) For the purposes of better appreciation of the Bidder's Bid Price, the Bidder should indicate separately the rate of all the applicable taxes as on the

base date and total amount of taxes, including GST, included in his Price Bid. Post bid submission, DFCCIL will not admit any change in either the tax components or tax rates beyond the list given in Bidder's price bid, unless dictated by law of the land as per PC 13.7. In case, any reduction in Taxes, Custom duty or any benefit results due to any change in Laws or Interpretation of the existing Laws, the Contractor shall pass on the Financial benefit to the Employer. In order to facilitate the Employer to avail deemed export benefit the Contractor has to furnish the following documents:

- (i) Disclaimer Certificate- in a Format approved by the Employer with regard to Contractor not claiming the Deemed Export Benefits.
- (ii) Invoice/Bills of entry evidencing payment of total import charges, including Basic Custom Duty.
- (iii) Any other Document required as per Foreign Trade Policy (FTP)

Name of Bidder

Signature of Bidder

Schedule 4: PAYMENT SCHEDULE SUMMARY			
S. No.	Cost Centre	Percentage of the Accepted Contract Amount (%)	Schedule
1	2	3	4
1	Continuous Tamping Machine with integrated dynamic stabilizer (Key Machine)	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	4.1
2	Ballast Regulating Machine with Hopper (Key Machine)		4.2
3	Shoulder Ballast Cleaning Machine (Key Machine)		4.3
4	Points and Crossing Tamping Machine (Key Machine)		4.4
5	Dynamic Stabilizer Key Machine)		4.5
6	Duo-matic Two Sleepers Tamping Machine (Key Machine)		4.6
7	Mobile Rail Grinding Machine (Key Machine)		4.7
8	Track Recoding Car (TRC) (Key Machine)		4.8
9	OHE Recoding Car (ORC) (Key Machine)		4.9
10	Inspection Vehicle (Key Machine)		4.10
11	Rail bound mobile Vehicle for Civil Engineering works with MMU Equipment (Key Machine)		4.11
12	Tower Wagon 8-wheeler (Key Machine)		4.12
13	Bridge Inspection Vehicle (Key Machine)		4.13
14	Rail cum Road Multi Utility Vehicle with MMU Equipment		4.14
15	Rail cum Road vehicle with crane for Civil Works		4.15
16	Rail cum Road vehicle with crane for OHE Works		4.16
17	PSI equipment testing Van (Road only)		4.17
18	Rail cum Road based vehicle with motorized elevated working platform (MEWP) (Key Machine)		4.18
19	Vehicle Condition Monitoring Equipment Base Station consisting of Wheel Impact Load Detector (WILD) & Hot Axle & Hot Wheel (HAHW) Detector (Key Machine)		4.19
20	Ballast Hopper Wagon with remote control discharge		4.20
21	OHE Rehabilitation/Renewal Equipment (Key Machine)		4.21
22	Flat Wagon for carrying Rails		4.22
	Grand Total	100.0%	

I/We shall propose the above respective percentages of each P&E in column 3 after signing of the Contract, consented by the Engineer and approved by the Employer for the apportionment of the Contract Price for completion of the Works corresponding to the items given above, and for estimating interim payments in accordance with schedule- 4.1 to 4.25 and Sub-Clause 14.4 of Conditions of Contract. The respective percentages once decided shall remain fixed during the execution of the Contract..

Name of Bidder

Signature of Bidder

Schedule 4.1								
Basis of Payment for Interim Payments of Continuous Tamping Machine with integrated dynamic stabilizer								
Cost Centre		Item of Work	Item No.	Stage Payment	Weightage %	% of the Accepted Contract Amount	Payment Procedure	
Continuous Tamping Machine with Integrated Dynamic Stabilizer	Section B	Supply of First Continuous Tamping Machine with Integrated Dynamic Stabilizer	4.1.1	First Stage Payment	30.00	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning and Field Test of First Continuous Tamping Machine with Integrated Dynamic Stabilizer	4.1.2	Second Stage of Payment	3.34		On issue of Employer's Taking Over Certificate	
	Section C	Supply of Second Continuous Tamping Machine with Integrated Dynamic Stabilizer	4.1.3	First Stage of Payment	30.00		On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning of Second Continuous Tamping Machine with Integrated Dynamic Stabilizer	4.1.4	Second Stage of Payment	3.33		On issue of Employer's Taking Over Certificate	
	Section D	Supply of Third Continuous Tamping Machine with Integrated Dynamic Stabilizer	4.1.5	First Stage of Payment	30.00		On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning of Third Continuous Tamping Machine with Integrated Dynamic Stabilizer	4.1.6	Second Stage of Payment	3.33		On issue of Employer's Taking Over Certificate	
				Total			100	

Name of Bidder  
Signature of Authorized Signatory

Schedule 4.2								
Basis of Payment for Interim Payments of Ballast Regulating Machine with Hopper								
Cost Centre		Item of Work	Item No.	Stage Payment	Weightage %	% of the Accepted Contract Amount	Payment Procedure	
Ballast Regulating Machine with Hopper	Section B	Supply of First Ballast Regulating Machine with Hopper	4.2.1	First Stage Payment	22.50	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning and Field Testing of First Ballast Regulating Machine with Hopper	4.2.2	Second Stage of Payment	2.50		On issue of Employer's Taking Over Certificate	
	Section C	Supply of Second Ballast Regulating Machine with Hopper	4.2.3	First Stage of Payment	22.50		On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning of Second Ballast Regulating Machine with Hopper	4.2.4	Second Stage of Payment	2.50		On issue of Employer's Taking Over Certificate	
	Section D	Supply of Third Ballast Regulating Machine with Hopper	4.2.5	First Stage Payment	22.50		On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning and Field Testing of Third Ballast Regulating Machine with Hopper	4.2.6	Second Stage of Payment	2.50		On issue of Employer's Taking Over Certificate	
	Section E	Supply of Fourth Ballast Regulating Machine with Hopper	4.2.7	First Stage Payment	22.50		On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning and Field Testing of Fourth Ballast Regulating Machine with Hopper	4.2.8	Second Stage of Payment	2.50		On issue of Employer's Taking Over Certificate	
					Total		100	

Name of Bidder  
Signature of Authorized Signatory



Schedule 4.3							
Basis of Payment for Interim Payments of Shoulder Ballast Cleaning Machine							
Cost Centre		Item of Work	Item No.	Stage Payment	Weightage %	% of the Accepted Contract Amount	Payment Procedure
Shoulder Ballast Cleaning Machine	Section E	Supply of Shoulder Ballast Cleaning Machine	4.3.1	First Stage Payment	90	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG
		Commissioning and Field Testing of Shoulder Ballast Cleaning Machine	4.3.2	Second Stage of Payment	10		On issue of Employer's Taking Over Certificate
				Total	100		

Name of Bidder

Signature of Authorized Signatory

Schedule 4.4							
Basis of Payment for Interim Payments of Points & Crossing Tamping Machine							
Cost Centre		Item of Work	Item No.	Stage Payment	Weightage %	% of the Accepted Contract Amount	Payment Procedure
Point & Crossing Tamping Machine	Section B	Supply of Point & Crossing Tamping Machine	4.4.1	First Stage Payment	90	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG
		Commissioning and Field Testing of Point & Crossing Tamping Machine	4.4.2	Second Stage of Payment	10		On issue of Employer's Taking Over Certificate
				Total	100		

Name of Bidder  
Signature of Authorized Signatory

Schedule 4.5							
Basis of Payment for Interim Payments of Dynamic Stabilizer							
Cost Centre		Item of Work	Item No.	Stage Payment	Weightage %	% of the Accepted Contract Amount	Payment Procedure
Dynamic Stabilizer	Section B	Supply of First Dynamic Stabilizer	4.5.1	First Stage Payment	90	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG
		Commissioning and Field Testing of First Dynamic Stabilizer	4.5.2	Second Stage of Payment	10		On issue of Employer's Taking Over Certificate
				Total	100		

Name of Bidder

Signature of Authorized Signatory

Schedule 4.6								
Basis of Payment for Interim Payments of Duo-matic Two Sleeper Tamping Machine								
Cost Centre		Item of Work	Item No.	Stage Payment	Weightage %	% of the Accepted Contract Amount	Payment Procedure	
Duo-matic Two Sleeper Tamping Machine	Section A	Supply of First Duo-matic Two Sleeper Tamping Machine	4.6.1	First Stage Payment	45	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning and Field Testing of First Duo-matic Two Sleeper Tamping Machine	4.6.2	Second Stage of Payment	5		On issue of Employer's Taking Over Certificate	
	Section B	Supply of Second Duo-matic Two Sleeper Tamping Machine	4.6.3	First Stage of Payment	45		On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning of Second Duo-matic Two Sleeper Tamping Machine	4.6.4	Second Stage of Payment	5		On issue of Employer's Taking Over Certificate	
					Total		100	

Name of Bidder  
Signature of Authorized Signatory

Schedule 4.7							
Basis of Payment for Interim Payments of Mobile Rail Grinding Machine							
Cost Centre		Item of Work	Item No.	Stage Payment	Weightage %	% of the Accepted Contract Amount	Payment Procedure
Mobile Rail Grinding Machine	Section A	Supply of Mobile Rail Grinding Machine	4.7.1	First Stage Payment	90	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG
		Commissioning and Field Testing of Mobile Rail Grinding Machine	4.7.2	Second Stage of Payment	10		On issue of Employer's Taking Over Certificate
				Total	100		

Name of Bidder

Signature of Authorized Signatory

Schedule 4.8							
Basis of Payment for Interim Payments of Track Recording Car							
Cost Centre		Item of Work	Item No.	Stage Payment	Weightage %	% of the Accepted Contract Amount	Payment Procedure
Track Recording Car (TRC)	Section A	Supply of Track Recording Car (TRC)	4.8.1	First Stage Payment	90	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG
		Commissioning and Field Testing of Track Recording Car (TRC)	4.8.2	Second Stage of Payment	10		On issue of Employer's Taking Over Certificate
				Total	100		

Name of Bidder

Signature of Authorized Signatory

Schedule 4.9							
Basis of Payment for Interim Payments of OHE Recording Car							
Cost Centre		Item of Work	Item No.	Stage Payment	Weightage %	% of the Accepted Contract Amount	Payment Procedure
OHE Recording Car (ORC)	Section B	Supply of OHE Recording Car (ORC)	4.9.1	First Stage Payment	90	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG
		Commissioning and Field Testing of OHE Recording Car (ORC)	4.9.2	Second Stage of Payment	10		On issue of Employer's Taking Over Certificate
				Total	100		

Name of Bidder

Signature of Authorized Signatory

Schedule 4.10								
Basis of Payment for Interim Payments of Inspection Vehicle								
Cost Centre		Item of Work	Item No.	Stage Payment	Weightage %	% of the Accepted Contract Amount)	Payment Procedure	
Inspection Vehicle	Section A	Supply of First Inspection Vehicle	4.10.1	First Stage Payment	45	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning and Field Testing of First Inspection Vehicle	4.10.2	Second Stage of Payment	5		On issue of Employer's Taking Over Certificate	
	Section C	Supply of Second Inspection Vehicle	4.10.3	First Stage Payment	45		On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning of Second Inspection Vehicle	4.10.4	Second Stage of Payment	5		On issue of Employer's Taking Over Certificate	
					Total		100	

Name of Bidder

Signature of Authorized Signatory



Schedule 4.11								
Basis of Payment for Interim Payments of Rail bound mobile vehicle for Civil Engineering Works with MMU Equipment								
Cost Centre		Item of Work	Item No.	Stage Payment	Weight age %	% of the Accepted Contract Amount	Payment Procedure	
Rail bound mobile vehicle for Civil Engineering Works with MMU Equipment	Section A	Supply of First Rail bound mobile vehicle for Civil Engineering Works with MMU Equipment	4.11.1	First Stage Payment	8.18	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning and Field Testing of First Rail bound mobile vehicle for Civil Engineering Works with MMU Equipment	4.11.2	Second Stage of Payment	0.92		On issue of Employer's Taking Over Certificate	
	Section B	Supply of First Lot of 5 No's Rail bound mobile vehicle for Civil Engineering Works with MMU Equipment	4.11.3	First Stage of Payment	40.91		On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning of First Lot of 5 Nos. Rail bound mobile vehicle for Civil Engineering Works with MMU Equipment	4.11.4	Second Stage of Payment	4.54		On issue of Employer's Taking Over Certificate	
	Section C	Supply of Second Lot 5 No's of Rail bound mobile vehicle for Civil Engineering Works with MMU Equipment	4.11.5	First Stage of Payment	40.91		On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning of Second Lot of 5 No's Rail bound mobile vehicle for Civil Engineering Works with MMU Equipment	4.11.6	Second Stage of Payment	4.54		On issue of Employer's Taking Over Certificate	
					Total		100	

Name of Bidder  
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Schedule 4.12								
Basis of Payment for Interim Payments of Tower Wagon 8-wheeler								
Cost Centre		Item of Work	Item No.	Stage Payment	Weight age %	% of the Accepted Contract Amount	Payment Procedure	
Tower Wagon 8-wheeler	Section A	Supply of First Tower Wagon 8-wheeler	4.1 2.1	First Stage Payment	7.50	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning and Field Testing of First Tower Wagon 8-wheeler	4.1 2.2	Second Stage of Payment	0.84		On issue of Employer's Taking Over Certificate	
	Section B	Supply of First Lot of 4 Nos. Tower Wagon 8-wheeler	4.1 2.3	First Stage of Payment	30.00		On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning of First Lot of 4 Nos. Tower Wagon 8-wheeler	4.1 2.4	Second Stage of Payment	3.33		On issue of Employer's Taking Over Certificate	
	Section C	Supply of Second Lot of 4 Nos. Tower Wagon 8-wheeler	4.1 2.5	First Stage of Payment	30.00		On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning of Second Lot of 4 Nos. Tower Wagon 8-wheeler	4.1 2.6	Second Stage of Payment	3.33		On issue of Employer's Taking Over Certificate	
	Section D	Supply of Third Lot of 3 Nos. Tower Wagon 8-wheeler	4.1 2.7	First Stage of Payment	22.50		On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning of Third Lot of 3Nos. Tower Wagon 8-wheeler	4.1 2.8	Second Stage of Payment	2.50		On issue of Employer's Taking Over Certificate	
					Total		100	

Name of Bidder  
Signature of Authorized Signatory

Schedule 4.13								
Basis of Payment for Interim Payments of Bridge Inspection Vehicle								
Cost Centre		Item of Work	Item No.	Stage Payment	Weightage %	% of the Accepted Contract Amount	Payment Procedure	
Bridge Inspection Vehicle	Section A	Supply of First Bridge Inspection Vehicle	4.13.1	First Stage Payment	45.00	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Employer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning and Field Testing of First Bridge Inspection Vehicle	4.13.2	Second Stage of Payment	5.00		On issue of Employer's Taking Over Certificate	
	Section D	Supply of Second Bridge Inspection Vehicle	4.13.3	First Stage of Payment	45.00		On Proof of dispatch, Employer's Inspection Certificate and submission of BG	
		Commissioning of Second Bridge Inspection Vehicle	4.13.4	Second Stage of Payment	5.00		On issue of Employer's Taking Over Certificate	
					Total		100	

Name of Bidder  
Signature of Authorized Signatory

Schedule 4.14						
Basis of Payment for Interim Payments of Rail cum Road Multi Utility Vehicle with MMU Equipment						
Cost Centre		Item of Work	Item No.	Weightage %	% of the Accepted Contract Amount	Payment Procedure
Rail cum Road Multi Utility Vehicle with MMU Equipment	Section A	Supply, commissioning & Acceptance Test of First Rail cum Road Multi Utility Vehicle with MMU Equipment	4.14.1	25	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On issue of Employer's Taking Over Certificate
	Section B	Supply & Commissioning of First lot of 3 Nos. Rail cum Road Multi Utility Vehicle with MMU Equipment	4.14.2	75		On issue of Employer's Taking Over Certificate
			Total	100		

Name of Bidder  
Signature of Authorized Signatory

Schedule 4.15						
Basis of Payment for Interim Payments of Rail cum Road vehicle with crane for Civil Works						
Cost Centre		Item of Work	Item No.	Weightage %	% of the Accepted Contract Amount	Payment Procedure
Rail cum Road vehicle with crane for Civil Works	Section A	Supply, Commissioning & Acceptance Test of First Rail cum Road vehicle with crane for Civil Works	4.15.1	33.34	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On issue of Employer's Taking Over Certificate
	Section B	Supply & Commissioning of Second Rail cum Road vehicle with crane for Civil Works	4.15.2	33.33		On issue of Employer's Taking Over Certificate
	Section C	Supply & Commissioning of Third Rail cum Road vehicle with crane for Civil Works	4.15.3	33.33		On issue of Employer's Taking Over Certificate
			Total	100		

Name of Bidder  
Signature of Authorized Signatory

Schedule 4.16						
Basis of Payment for Interim Payments of Rail cum Road vehicle with crane for OHE Works						
Cost Centre		Item of Work	Item No.	Weightage %	% of the Accepted Contract Amount	Payment Procedure
Rail cum Road vehicle with crane for OHE Works	Section A	Supply, Commissioning & Acceptance Test of First Rail cum Road vehicle with crane for OHE Works	4.16.1	50	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On issue of Employer's Taking Over Certificate
	Section C	Supply & Commissioning of Second Rail cum Road vehicle with crane for OHE Works	4.16.2	50		On issue of Employer's Taking Over Certificate
			Total	100		

Name of Bidder  
Signature of Authorized Signatory

Schedule 4.17						
Basis of Payment for Interim Payments of PSI equipment testing Van (Road only)						
Cost Centre		Item of Work	Item No.	Weightage %	% of the Accepted Contract Amount	Payment Procedure
PSI equipment testing Van (Road only)	Section A	Supply, Commissioning & Acceptance Test of First PSI equipment testing Van (Road only)	4.17.1	50	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On issue of Employer's Taking Over Certificate
	Section C	Supply, commissioning of Second PSI equipment testing Van (Road only)	4.17.2	50		On issue of Employer's Taking Over Certificate
			Total	100		

Name of Bidder  
Signature of Authorized Signatory

Schedule 4.18						
Basis of Payment for Interim Payments of Rail cum Road based vehicle with Motorized elevated working Platform (MEWP)						
Cost Centre		Item of Work	Item No.	Weightage %	% of the Accepted Contract Amount	Payment Procedure
Rail cum Road based vehicle with Motorized elevated working Platform (MEWP)	Section A	Supply of First Lot of two Motorized elevated working Platform (MEWP)	4.18.1	6.92	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BGs
		Commissioning and Field Testing of First Lot of two Motorized elevated working Platform (MEWP)	4.18.2	0.76		On issue of Employer's Taking Over Certificate
	Section B	Supply of Second Lot of 6 Nos. Motorized elevated working Platform (MEWP)	4.18.3	20.77		On Proof of dispatch, Employer's Inspection Certificate and submission of BGs
		Commissioning of Second Lot of 6 Nos. Motorized elevated working Platform (MEWP)	4.18.4	2.31		On issue of Employer's Taking Over Certificate
	Section C	Supply of Third Lot of 6 Nos. Motorized elevated working Platform (MEWP)	4.18.5	20.77		On Proof of dispatch, Employer's Inspection Certificate and submission of BGs
		Commissioning of Third Lot of 6 Nos. Motorized elevated working Platform (MEWP)	4.18.6	2.31		On issue of Employer's Taking Over Certificate
	Section D	Supply of Fourth Lot of 6 Nos. Motorized elevated working Platform (MEWP)	4.18.7	20.77		On Proof of dispatch, Employer's Inspection Certificate and submission of BGs
		Commissioning of Fourth Lot of 6 Nos. Motorized elevated working Platform (MEWP)	4.18.8	2.31		On issue of Employer's Taking Over Certificate
	Section E	Supply of Fifth Lot of 6 Nos. Motorized elevated working Platform (MEWP)	4.18.9	20.77		On Proof of dispatch, Employer's Inspection Certificate and submission of BGs
		Commissioning of Fifth Lot of 6 Nos. Motorized elevated working Platform (MEWP)	4.18.10	2.31		On issue of Employer's Taking Over Certificate
			Total	100		

Name of Bidder  
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Schedule 4.19						
Vehicle Condition Monitoring Equipment Base Station consisting of Wheel Impact Load Detector (WILD) & Hot Axle & Hot Wheel (HAHW) Detector						
Cost Centre		Item of Work	Item No.	Weightage %	% of the Accepted Contract Amount	Payment Procedure
Vehicle Condition Monitoring Equipment Base Station consisting of Wheel Impact Load Detector (WILD) & Hot Axle & Hot Wheel (HAHW) Detector	Section A	Supply, Commissioning & Acceptance Test of First trial Lot of Vehicle Condition Monitoring Equipment Base Station consisting of Wheel Impact Load Detector (WILD) & Hot Axle & Hot Wheel (HAHW) Detector	4.19.1	33.34	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On issue of Employer's Taking Over Certificate
	Section B	Supply & commissioning of Second Lot of Vehicle Condition Monitoring Equipment Base Station consisting of Wheel Impact Load Detector (WILD) & Hot Axle & Hot Wheel (HAHW) Detector	4.19.2	66.66		On issue of Employer's Taking Over Certificate
			Total	100		

Name of Bidder  
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Schedule 4.20								
Basis of Payment for Interim Payments of Ballast Hopper wagon with remote control discharge								
Cost Centre		Item of Work	Item No.	Weightage %	% of the Accepted Contract Amount	Payment Procedure		
Ballast Hopper wagon with remote control discharge	Section B	Supply of First Lot of 25 nos. Ballast Hopper wagon with remote control discharge	4.20.1	22.5	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On proof of dispatch, Employer's Inspection Certificate and submission of BGs		
		Commissioning and field Testing of First Lot of 25 nos. Ballast Hopper wagon with remote control discharge		2.50		On issue of Employer's Taking Over Certificate		
	Section C	Supply of Second Lot of 25 nos. Ballast Hopper wagon with remote control discharge	4.20.2	22.50		On Proof of dispatch, Employer's Inspection Certificate and submission of BGs		
		Commissioning of Second Lot of 25 nos. Ballast Hopper wagon with remote control discharge		2.50		On issue of Employer's Taking Over Certificate		
	Section D	Supply of Third Lot of 25 nos. Ballast Hopper wagon with remote control discharge	4.20.3	22.50		On Proof of dispatch, Employer's Inspection Certificate and submission of BGs		
		Commissioning of Third Lot of 25 nos. Ballast Hopper wagon with remote control discharge		2.50		On issue of Employer's Taking Over Certificate		
	Section E	Supply of Fourth Lot of 25 nos. Ballast Hopper wagon with remote control discharge	4.20.4	22.50		On Proof of dispatch, Employer's Inspection Certificate and submission of BGs		
		Commissioning of Fourth Lot of 25 nos. Ballast Hopper wagon with remote control discharge		2.50		On issue of Employer's Taking Over Certificate		
				Total		100		

Name of Bidder  
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Schedule 4.21

Basis of Payment for Interim Payments of OHE Rehabilitation/Renewal Vehicle

Cost Centre		Item of Work	Item No.	Stage Payment	Weightage %	% of the Accepted Contract Amount)	Payment Procedure
OHE Rehabilitation /Renewal Vehicle	Section E	Supply of OHE Rehabilitation/Renewal Vehicle	4.21.1	First Stage Payment	90.00	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On Proof of dispatch, Employer's Inspection Certificate and submission of BG
		Commissioning and Field Testing of OHE Rehabilitation/Renewal Vehicle	4.21.2	Second Stage of Payment	10.00		On issue of Employer's Taking Over Certificate
				Total	100		

Name of Bidder

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Schedule 4.22						
Basis of Payment for Interim Payments of Flat wagon for carrying Rails						
Cost Centre		Item of Work	Item No.	Weightage %	% of the Accepted Contract Amount	Payment Procedure
Flat wagon for carrying Rails,	Section C	Supply, Commissioning & Acceptance Test of First Lot of 08 nos. Flat wagon for carrying Rails	4.22.1	32%	The percentages of the Accepted Contract Amount shall be proposed by the Contractor, consented by the Engineer and approved by the Employer	On issue of Employer's Taking Over Certificate
	Section D	Supply & Commissioning of Second Lot of 08 nos. Flat wagon for carrying Rails	4.22.2	32%		On issue of Employer's Taking Over Certificate
	Section E	Supply & Commissioning of Third Lot of 09 nos. Flat wagon for carrying Rails	4.22.3	36%		On issue of Employer's Taking Over Certificate
			Total	100		

Name of Bidder  
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