

**Dedicated Freight Corridor Corporation of India Limited
(A Government of India Enterprise)**

Addendum No. 8 Dated 03.03.2016

Addendum/ Amendments to Bidding Documents for

**DESIGN, SUPPLY, CONSTRUCTION, TESTING AND COMMISSIONING OF SIGNALLING, TELECOMMUNICATION AND ASSOCIATED
WORKS OF DOUBLE TRACK RAILWAY LINES UNDER CONSTRUCTION ON A DESIGN BUILD LUMP SUM BASIS FOR
MUGHALSARAI - NEW BHAUPUR SECTION OF EASTERN DEDICATED FREIGHT CORRIDOR
CONTRACT PACKAGE CP- 203**

Sr. No.	Part	Vol. No.	Page No.	Clause No.	Item	Addendum/Amendments to Bid Document
1.	1	-	24 & 43	ITB Clause 27.1(e)	Instruction to Bidders	Replace ITB Clause No.27.1(e) of Section-I: Instructions to Bidders” with the following: “Confirmation through Letter of bid – Two Stage Bidding, Second Stage Bid that the First Stage Technical Proposal, together with the Methods Statement for Signalling, Telecommunication and Building & Structure Works, details of Personnel, Equipment, Manufacturer Authorization, and the Work Plan etc. submitted by Bidder originally and resubmitted pursuant to the Clarifications requested by the Employer in this regard along with Memorandum titled ‘Changes Required pursuant to first Stage Proposal’ and subsequent Addendum(s) shall form an integral part of the updated First Stage Technical Proposal.”
2.	1	-	56	Explanatory Note No.1 (2)	Reference Paragraph 2.2(3) Work Plan: Requirements of Work Plan	Replace “Chapter 4, PROJECT PROGRAMME REQUIREMENTS” with “Chapter 3, PROJECT PROGRAMME REQUIREMENT”.

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3.	2	1	186	4.4.5	Electromagnetic Compatibility Management Plan	Replace “land” with “and” in the 2 nd line of Para 4.4.5 (3).
4.	2	1	197	4.7.6	Defects Liability Management Plan	Add a new sub-para 4.7.6(4) after 4.7.6(3): “(4) Update the Plan monthly showing progress of the work and time of completion.”
5.	2	1	215	7.5	Construction/Installation	Replace the existing content of sub-para 7.5(4) with the following: “All the Installation works shall be supervised to ensure that technical, safety and quality matters adhere to the Design as reviewed by the Engineer.”
6.	2	1	217	7.6.2	Testing Philosophy	Replace the contents of Para 7.6.2 (3) with the following: “The Contractor shall make all arrangements for witness of Testing by Employer’s personnel. This shall include the Contractor’s testing team, tools and instruments, simulation panel, Testing sheets etc. The Contractor shall also make his own arrangement of power supply (DG set/ local supply) required for Testing and other works, till the permanent power supply is made available by other Contractor.”
7.	2	1	283	13.4.11	Training Courses for Telecom Sub Systems	Delete sub-para 13.4.11 (8) Video Surveillance system; and
8.	2	1	287	14.3.1	Support and Call-out Services	1. Re-number sub-para 14.3.1(2) reading as “The resource deployment shall be as per Operation and” as sub-para 14.3.1(3) 2. Re-number existing sub-paras 14.3.1(3) and 14.3.1(4) as 14.3.1(4) and 14.3.1(5) respectively.

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9.	2	2	317	2.1.2	Introduction	Replace the contents of Para 2.1.2 with the following: “The Signalling system shall be engineered for a minimum Service Life of 20 years, based on continuous operation of the system. The life of individual Signalling equipment, shall not be less than that stipulated in the Finance Code of Indian Railways with latest amendment.”
10.	2	2	358	2.3.6 (4)	TMS Terminals Hardware	Delete the words “, 32” (minimum)” from sub-para 2.3.6 (4) (v)
11.	2	2	361	2.3.7	Video Wall Display System	Re-number the existing sub-para 2.3.7(2) reading as “Minimum Technical Requirements of Display Wall” as sub-para 2.3.7(1)(z)
12.	2	2	388	4.2	Procurement	Add the following at the end of sub-para 4.2.4: “The Cross Approval of the Product will be entirely at Contractors’ risk. The final approval to designs involving the Product and approval for manufacture/supply of the Product shall be given only after successful acceptance of Safety case assessment and Type tests, if any by RDSO/DFCCIL. In case of delay in acceptance of Safety case assessment and Type tests, if any beyond one year of award of contract, the Employer may at its discretion direct the Contractor to procure the Product from one of the RDSO approved vendors.”
13.	2	2	396	5.3.7	Cable Laying underground	1. Re-number existing sub-para 5.3.7(12) reading as “At each end of the main cable an extra loop length.....” as sub-para 5.3.7(13) 2. Re-number existing sub-para 5.3.7(13) as 5.3.7(14).
14.	2	2	407-408	5.4.5	Surge Protection	In the Table under sub-paras 5.4.5(4)(a)(ii) and 5.4.5(4)(b), replace the S N 10 to 14 by 9 to 13 respectively.

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15.	2	2	427	9.2	List of Abbreviations	In the Table of abbreviations under Para 9.2, replace the full form of "FMECA" shown as "Failure Mode and Criticality Analysis" by "Failure Mode Effects and Criticality Analysis".
16.	2	3	507	5.5.3.2	SDH Equipment	Replace the first sentence of the Sub-Para 5.5.3.2(4) with the following: "The SDH Equipment shall operate satisfactorily at 48V ± 20% DC".
17.	2	3	515	6.6	Security	Add new sentence at the end of para 6.6.6: "The Contractor shall get its report on security analysis of data network examined from Cyber security Expert/Agency approved by the Engineer. The suggestions/recommendations of this Cyber security Expert/agency shall be implemented by the Contractor."
18.	2	3	537	8.3.6.5	Services and Facilities	In the Table under Para 8.3.6.5(4):- 1. Replace "Location dependent addressing (section" by "Location dependent addressing (section 11)" in the second row first column. 2. Replace "Multiple driver communications within" by "Multiple driver communications within the same train (section 5)" in the fourth row first column.
19.	2	3	555	9.4.3	Availability Requirements	1. Re-number existing sub-para 9.4.3.3 as 9.4.4. 2. Re-number existing sub-paras 9.4.3.4 and 9.4.3.5 as 9.4.4.1 and 9.4.4.2 respectively. 3. Re-number existing sub-para 9.4.3.6 as 9.4.5 4. Re-number existing sub-paras 9.4.3.7 & 9.4.3.8 as 9.4.5.1 and 9.4.5.2 respectively.

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20.	2	3	571	12.7	Cabling	<p>Add a new sub-para 12.7.32 after 12.7.31:</p> <p>“12.7.32 HDPE Duct</p> <p>(1) 40/33 mm HDPE duct conforming to TEC GR No. GR/TX/CDS-008/03/March 11 with latest amendment shall be used.</p> <p>(2) The Duct shall be bright Yellow in colour. The Duct shall be supplied in length of 1000 +/- 100 meters.</p> <p>(3) Every meter of the Duct shall be marked, in 'Indelible black Ink', with the following (size of lettering 6-8mm):</p> <p>a) DFCCIL</p> <p>b) PLBE HDPE Duct 40/33 mm</p> <p>c) Date/Month/Year of production</p> <p>d) Name of the Manufacturing firm.”</p>
21.	3	-	625	Sub clause 2.1	Right of Access to Site	<p>Delete the existing contents regarding provisions of Sub clause 2.1-Right of Access to Site, Section VIII, Particular conditions at Page 625 and replace with the following:</p> <p>“Insert ‘Formation, Track’ between the words ‘plant’ and ‘or’ in 5th line of paragraph 1.</p> <p>Delete the contents of Sub-clause (b) in para 3 and replace with:</p> <p>‘Payment of any such cost plus reasonable profit subject to a maximum of Rs. 2000.00 (Two Thousand) per day for every Km. For length less than a kilometre pro-rata amount shall be calculated provided further that if such delay in handing over does not affect the execution of S&T works, provisions under para 2.1(b) of this sub clause shall not apply.’ “</p>

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22.	3	-	637	14.2(a)	Advance Payment	<p>Insert the Following after Sub-Clause 14.1 of PCC at Page 637:</p> <p>“Delete Sub Clause 14.2 (a) and substitute with the following:</p> <p>Deductions shall commence in the Payment Certificate in which the total of all certified interim payments (excluding the advance payment and deductions and repayments of retention) exceeds twenty five percent (25%) of the Accepted Contract Amount less Provisional Sums; and”</p>
23.	3	-	645	2.1 Appendix to Tender	Right of Access to Site	<p>Delete the Data of GC Sub-Clause 2.1 “Right of Access to the Site” of Appendix to Tender at Pg. 645 and replace with the following:</p> <p>“The Employer / Engineer shall give Right to Access to Site to the Contractor, subject to the Contractor providing Performance Security in terms of Sub Clause 4.2 of General Conditions of Contract, in the following manner:</p> <p>Possession of the site will be handed over to the Contractor as per the Work Plan approved by the Engineer for the execution of work of CP-203 or as per the Access Schedule for ‘Formation, Track and Station Buildings of CP-201 & 202’ appended in Part - 4 Reference Documents, whichever is later.”</p>
24.	4	-	-	-	Access Schedule for “Formation, Track and Station Buildings of CP-201 & 202	<p>Add new item 5 in Part 4 Reference Documents:</p> <p>“Access Schedule for ‘Formation, Track and Station Buildings’ of CP-201 & 202” (Refer Annexure A attached).</p>

Access Schedule For Formation and Track in CP-201 (Annexure A to S.No. 24 of Addendum No. 8)

			2015				2016				2017				2018			
MAJOR ACTIVITIES	Start	Finish	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Access to Formation	01-Sep-16	30-Jun-18								1-Sep-1630-Jun-18								
Access to Track	15-Jun-17	30-Sep-18										15-Jun-1730-Sep-18						
Access to Station	01-Jun-16	31-Dec-17							01-Jun-1631-Dec-17									

Access Schedule For Formation and Track in CP-202

			2015				2016				2017				2018			
MAJOR ACTIVITIES	Start	Finish	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Access to Formation	01-Jul-16	30-Jul-18																
Access to Track	01-Apr-17	30-Sep-18																
Access to Station	01-Jun-16	31-Dec-17																