

Dedicated Freight Corridor Corporation of India Limited

(A Government of India Enterprise)

ADDENDUM No. 02 dated. 16.12.2016

Addendum/Amendments to the Bid Document

DESIGN, SUPPLY, CONSTRUCTION, INSTALLATION, OF 2X25 KV ELECTRIFICATION, SIGNALLING AND TELECOMMUNICATION AND ASSOCIATED WORKS INCLUDING TESTING AND COMMISSIONING FOR DOUBLE TRACK ELECTRIFIED RAILWAY LINE ON DESIGN BUILD LUMP SUM BASIS FROM MUGHALSARAI TO NEW SONNAGAR AND CHIRAILAPATHU STATION (EXCLUDING NEW KARWANDIYA –NEW DURGAUTI SECTION) OF EASTERN DEDICATED FREIGHT CORRIDOR.

Bid Document No.: HQ/SYS/EC/D-B/MGS-DGO & KWDN-CPBH-SEBN.

SN	Part/Section/Volume	Page No.	Clause No.	Item	Addendum/Amendment to the Bid Document
1	Part 1, Section II, Bid Data Sheet	Page 27 of 48	ITB 19.1	D. Submission and Opening of Bids	The deadline for submission of Bid is revised as under: Date: 11.01.2017 Time: 15:00 hrs
2	Part 1, Section II, Bid Data Sheet	Page 27 of 48	ITB 21.1	D. Submission and Opening of Bids	The date and time for Technical Bid opening is revised as under: Date: 11.01.2017 Time: 15:30 hrs
3	Part 3, Section VII, Particular conditions	Page 25 of 53	Sub-Clause 14.9	Payment of Retention money	Sub-clause 14.9 Payment of retention money should be replaced as below : “A Retention amounting to 10(ten) per cent of the value of work done shall be deducted by the Engineer in the first and following interim payment Certificates, until the amount so retained reaches a limit of Retention Money of 5(five) per cent of the Contract Price. The contractor may replace the retention money deducted from Interim Payment Certificate on quarterly basis with an unconditional bank guarantee from the Bank of equivalent amount for the respective currency portions. The bank Guarantees shall be valid up to the end of Defect Notification period.”

SN	Part/Section/Volume	Page No.	Clause No.	Item	Addendum/Amendment to the Bid Document								
4	Part 2, Section V(B), Vol 9, PS Electrical,	Page 19 of 263	Table 4.7.1-1	Rolling stock characteristics and train operation data.	The 'Note' of the table 4.7.1-1 should be replaced as under: Note * The headway of 12 minutes is for running of trains 6000t/12000t in the ratio of 2:1.								
5	Part 2, Section V(B), Vol 9, PS Electrical,	Page 8 of 263	2.2.4	Eastern Dedicated Freight Corridor	In the first line, the word "6500T" is to be replaced by "6000T". In the second line, the word "13000T" is to be replaced by "12000T".								
6	Part 2, Section V(B), Vol 9, PS Electrical,	Page 20 of 263	Table 4.7.1-2	Vehicle Weights	The table 4.7.1-2 should be replaced as under: <table border="1" data-bbox="1182 527 1881 711"> <thead> <tr> <th>Type of Vehicle</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>Locomotive</td> <td>150 Tonnes</td> </tr> <tr> <td>Bulk Wagons loaded</td> <td>6000 Tonnes (single haul)</td> </tr> <tr> <td>Bulk Wagons loaded</td> <td>12000 Tonnes (double haul)</td> </tr> </tbody> </table>	Type of Vehicle	Weight	Locomotive	150 Tonnes	Bulk Wagons loaded	6000 Tonnes (single haul)	Bulk Wagons loaded	12000 Tonnes (double haul)
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7	Part 2, Section V(B) Vol 9, PS(Electrical) Annexure XIII	192 of 263	4.3.1	OHE General Data	In the first line of the para, the word "107 mm ² " should be replaced as "150 mm ² ". In the second line of the para, the word "65 mm ² " should be replaced as "120 mm ² ".								
8	Part 2, Section V(B) Vol 9, PS(Electrical) Annexure XIII	199 of 263	7.1	INSULATING OIL	In the second line of the para "IS 12463" should be replaced by "IEC 60296". In the third line of the para "IS1866" should be replaced by "IEC 60296"								
9	Part 2, Section V(B) Vol 9, PS(Electrical) Annexure XIII	195 of 263	5.1	RATING AND GENERAL DATA	Row No. 14 (3) 330 KW should be replaced by 320 KW.								
10	Part 2, Section V(B) Vol 9, PS(Electrical) Annexure XIII	231 of 263	Insertion of New clause No. 12	Spares	Please add following clause No. 12 after Clause No.11. "One full set of spare nitrogen filled cylinder, one set of the installed no. of fire sensors shall be provided in addition to additional other recommended spares. The list of recommended spares is to be submitted along with the tender"								
11	Part 2, Section V(B) Vol 9, PS(Electrical) Annexure XIV	234 of 263	4.3.1	OHE General Data	In the first line of the para, the word "107 mm ² " should be replaced as "150 mm ² ". In the second line of the para, the word "65 mm ² " should be replaced as "120 mm ² ".								

SN	Part/Section/Volume	Page No.	Clause No.	Item	Addendum/Amendment to the Bid Document
12	Part 2, Section V(B) Vol 9, PS(Electrical) Annexure XIV	240 of 263	7.1	INSULATING OIL	In the second line of the para “IS 12463” should be replaced by “IEC 60296”. In the third line of the para “IS1866” should be replaced by “IEC60296”
13	Part 2, Section V(B) Vol 9, PS(Electrical) Annexure XIV	248 of 263	15.3.5.4	Short circuit test	“as per IEC 60076” is deleted.
14	Part 2, Section V(B) Vol 9, PS(Electrical) Annexure XIV	253 of 263	18	Spares	The line “ The contractor shall supply two sets of the following” should be replaced as “ The bidder shall quote separately for the following essential spares for every lot of up to 5 transformers or part thereof.”
15	Part 2, Section V(B), Vol 9, PS Electrical,	Page 28 of 263	Cl 6.4.3,		Add following at the end of clause 6.3.4 : “The Contractor shall also study the requirement of mitigation measures on Indian Railways running parallel to DFCCIL and submit a detailed report to engineer for approval. The employer shall decide the agency through which such measures are to be taken up.”
16	Part 2, Section V(B), Vol 9, PS Electrical	Page 31 of 263	Clause 6.10.7.1	Earthing and Bonding	The word “Stimulation” in the second line should be read as “Simulation”.
17	Part 2, Section V(B) Vol 8, PS Telecommunication	23 of 114	5.3.4.9	SDH Network	Replace “Control/Processor Card” by “Control/Processor Card (if its failure, results in affecting traffic)” in 1 st Line of the para 5.3.4.9.
18	Part 2, Section V(B) Vol 8, PS Telecommunication	25 of 114	5.3.7.6	Flexible Access Multiplex Equipment.	Existing Clause replaced as under: “The Flexible Access Multiplex Equipment shall be provided with 1+1 Redundancy for all Channel levels (Voice, Data, etc). Further Redundancy of Control & Power Supply Modules/Cards shall also be provided to ensure that a single failure shall not affect the availability of the Flexible Access Multiplex Equipment.”
19	Part 2, Section V(B) Vol 8, PS Telecommunication	50 of 114	7.5.1.7	EPABX Switch	Item 7.5.1.7 (3) to be added: “shall connect long distance subscriber lines upto 10 Km. on PIJF Telephone Cable”

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20	Part 2, Section V(B) Vol 8, PS Telecommunication	103 of 114	18.2.6	Special Tools and Test Equipment	Add the following at the end of the para no. 18.2.6: “The supply of Special Tools & Test Equipment shall be completed by the start of Defect Liability period.”
21	Part 2, Section V(B) Vol 8, PS Telecommunication	112 of 114	Annexure-4	Spares	In Item No.44, Replace “10 Nos.” with “50 Nos” in “Total Quantity” Column.
22	Part 2, Section V(B) Vol 8, PS Signalling	39 of 152	6.1.3 (4) (f)	Interlocking Design	In this para, replace “20%” by “25%”.
23	Part 2, Section V(B) Vol 8, PS Signalling	42 of 152	6.1.5 (2) (i) (iv)	Evaluators	Existing Clause replaced as under: “(iv) Spare set of CPU card(s) fully programmed and configured shall be provided for each evaluator and kept ready for replacement. This shall be over and above the ‘Contract Spares’ provided under Para 11.3.5.”
24	Part 2, Section V(B) Vol 8, PS Signalling	99 of 152	8.3.19	Cable Markers	Add the following at the end of Para 8.3.19: “Electronic cable marker should be robust, passive, non-rusting & water proof. It shall be possible to trace their location with the help of cable marker tracing unit up to a depth of 1.5 meters.”
25	Part 2, Section V(B) Vol 8, PS Signalling	37 of 152	6.1.2 (3) (a)	Foundation of Signals	Existing Clause replaced as under: “All signal shall have concrete foundation having a minimum grade of M20.”
26	Part 2, Section V(B) Vol 8, PS Signalling	141 of 152	14.6 (6)	Operational Requirements	Existing Clause 2 nd sentence is replaced as under: “The distance of chain linking fencing from the walls of SER, TER and S&T power supply equipment rooms shall be generally 1.5 meters or as decided and approved by the Engineer.”
27	Part 2, Section V(B) Vol 8, PS Signalling	101 of 152	8.3.22 (12)	Location Box	Add the following at the end of Para 8.3.22(12): “Separate power cable shall be used to provide the lighting arrangement.”

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