

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

Addendum No. 11 Dated 19.09.2014
Addendum / Amendments to the Bid Documents for

DESIGN AND CONSTRUCTION OF SIGNAL AND TELECOM WORKS FOR DOUBLE LINE RAILWAY INVOLVING TRAIN DETECTION SYSTEM, ELECTRONIC INTERLOCKING IN STATIONS, AUTOMATIC SIGNALLING IN BLOCK SECTIONS, TRAIN MONITORING AND DIAGNOSTIC SYSTEM, INTERLOCKING OF LEVEL CROSSING GATES, DISPATCH TELEPHONE SYSTEM, FIBER OPTIC COMMUNICATION SYSTEM, GSM(R) SYSTEM, DIGITAL ELECTRONIC EXCHANGE SYSTEM, MASTER CLOCK SYSTEM AND VIDEO SURVEILLANCE SYSTEM FOR REWARI – MAKARPURA SECTION INCLUDING TESTING AND COMMISSIONING ON DESIGN-BUILD LUMP SUM PRICE BASIS OF WESTERN DEDICATED FREIGHT CORRIDOR

SIGNALLING AND TELECOMMUNICATION WORKS CONTRACT
(Rewari – Makarpura of Phase I)

Ref.: ICB No. ST P-5

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476.	III Part 1	9	28	5.7.8 as modified vide Item No. 263 of Addm-4A.	Block Sections	The Clause modified earlier as per item No. 263 of Addm-4A is modified as under: (i) Replace the word "Panel" with "suitable". (ii) After the words "air-conditioning", add words "system (if required)". (iii) At the end of the Clause, add sentence "The air-conditioning and ventilation systems shall be subject to No Objection by the Engineer."
477.	III Part 1	9	1	Annex.- 8 Cl. 1.4 (new)	Specification of Prefabricated Auto Location Huts	Add new Clause 1.4 below existing Cl. 1.3 as under: "Air-conditioning and ventilation equipment shall be provided with suitable antitheft arrangements."
478.	III Part 1	9	2	Annex.- 8 Cl. 4.3	Specification of Prefabricated Auto Location Huts	Replace words "mineral wool/ rock wool/ rubber/ fibre glass" with words "Polyurethane Foam (PUF)".

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479.	III Part 1	9	4	Annex.- 8 Cl. 10.1 & 10.3 as modified vide Item No. 296 of Addm-4A and Item No. 366 of Addm-6.	Specification of Prefabricated Auto Location Huts	<p>The Clause 10.1 modified earlier as per item No. 296 of Addm-4A and Item No. 366 of Addm-6 is replaced as under:</p> <p>Clause 10.1 Each Porta Hut shall have two rooms, one for Electronic Equipment and the other for Power Supply/Battery System. Electronic Equipment room (including for electronic equipment provided by ST P5-A Contractor) shall be provided with suitable Air-conditioning system (if required) in (1+1) hot standby configuration. Air Conditioning units shall be provided with programmable automatic changeover arrangement with nominal setting at 12 Hrs. In case standby unit is defective, this automatic changeover shall not take place.</p> <p>Clause 10.3 Modify first sentence of Clause 10.3 as under: (i) Delete the word "Panel". (ii) After the words "air-conditioning", add word "system".</p>
480.	III Part 2	9	19	4.3.4 as modified vide Item No. 319 of Addm-4A.	Porta Huts air-conditioning & air-circulation system	<p>The Clause modified earlier as per item No. 319 of Addm-4A is modified as under:</p> <p>(i) Replace the word "Panel" with "suitable". (ii) After the words "air-conditioning", add word "system". (iii) At the end of the Clause, add sentence "The air-conditioning and ventilation systems shall be subject to No Objection by the Engineer."</p>
481.	III Part 2	9	13	Annex.- 7 Cl. 1.4 (new)	Specification of Prefabricated Telecom Porta Huts	<p>Add new Clause 1.4 below existing Cl. 1.3 as under: "Air-conditioning and ventilation equipment shall be provided with suitable antitheft arrangements."</p>
482.	III Part 2	9	14	Annex.- 7 Cl. 4.3	Specification of Prefabricated Telecom Porta Huts	<p>Replace words "mineral wool/ rock wool/ rubber/ fibre glass" with words "Polyurethane Foam (PUF)".</p>

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483.	III Part 2	9	14	Annex.- 7 Cl. 11.1 & 11.3 as modified vide Item No. 322 of Addm-4A.	Specification of Prefabricated Telecom Porta Huts	<p>The Clause 11.1 modified earlier as per item No. 322 of Addm-4A is replaced as under:</p> <p>Clause 11.1 Each Porta Hut shall have two rooms, one Electronic Equipment Room and the other Power Supply / Battery Room. Electronic Equipment room shall be provided with suitable Air-conditioning system with air-conditioning equipment in (1+1) hot standby configuration to regulate temperature of the equipment within 24+/-2 degree C. Air Conditioning units shall be provided with programmable automatic changeover arrangement with nominal setting at 12 Hrs. In case standby unit is defective, this automatic changeover shall not take place.</p> <p>Clause 11.3 Modify first sentence of Clause 11.3 as under: (i) Delete the word "Panel". (ii) After the words "air-conditioning", add word "system".</p>
484.	III Part 2	11	92 of 128	11.3.9	Service life of VRLA Battery Cells	Clause 11.3.9 is deleted.
485.	III Part 1	9	25	5.5.1.22(e)	Electronic Interlocking system – Size of VDU monitor screen	Size of VDU monitor screen shown in 3 rd column under heading " Information " may be replaced with "42" (refer Clause below for details)."
486.	III Part 1	9	25	5.5.1.23	Electronic Interlocking system – Size of VDU monitor screen	<p>Add new Clause 5.5.1.23 below existing 5.5.1.22 as under:</p> <p>"To enable ASM to send commands to EI for route setting, operation of Points, Signals etc. at his station, latest Industrial grade embedded fan less terminal with 42" screen (1 screen for stations having upto 6 lines and 2 screens for stations having >6 lines) having resolution of 1920X1080 and to latest technology with equivalent standby shall be provided along with mouse and key board. For stations having >6 lines, yard display shall be suitably split between two 42" screens. Hardware configuration of the terminal shall be same as specified for Section Controller in Annexure 2.</p> <p>For main/ standby to be used, a manual changeover switch accessible to ASM shall be provided so that he can changeover to standby terminal/monitor as and when required."</p>

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487.	III Part 1	9	28	5.6.10	Stations – ASM Office – Size of VDU monitor screen	Replace words “3 Nos. of 21” with words “42 (1 screen for stations having upto 6 lines and 2 screens for stations having >6 lines)”.
488.	IV	10	188A	List of LC gates as per item No. 468 & attachment 10-1 of Addm 10.	List of level crossings	Replace “List of Level Crossings on Main Line” provided as per Attachment Addm 10-1.” With “Attachment: Addm 11-1.”
489.	III Part 2	9	13	Annex.- 7 Cl. 2.3	Specification of Prefabricated Telecom Porta Huts	Clause 2.3 is deleted.
490.	III Part 2	9	13	Annex.- 7 Cl. 3.3	Specification of Prefabricated Telecom Porta Huts	Clause 3.3 is deleted.
491.	III Part 1	9	11	Annex.- 1 Cl. 9.3(i)c as modified vide Item No. 177 of Addm-3	Traffic Related Alarms	After the words “the Contractor”, add words “, Temperature inside air conditioned room of porta huts exceeding 27 ⁰ C”.
492.	III Part 1	9	49	9.6(1)	Type Tests	In the first sentence of the Clause, after the words “para 9.5”, add words (1) & (2)”.
493.	II	8	131	27.2.3	Manufacture and delivery of spare parts and consumables	In the first line of the Clause, replace the word “design” with “service”.

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494.	II	8	131	27.2.4	Manufacture and delivery of spare parts and consumables	In the second and third lines of the Clause, replace the word “design” with “service”.
495.	II	8	131	27.2.5	Manufacture and delivery of spare parts and consumables	In the second line of the Clause, replace the word “design” with “service”.
496.	III Part 2	Appendices	Page 38 of 40 Appendices	4.24 new clause in Appendix 9-3	Criterion for residential buildings at stations	Add new clause 4.24 after clause 4.23 of Appendix 9-3 4.24 Civil Works Contractors shall provide the residential buildings at stations per following criterion: (1) All residential buildings shall be double storey (i.e. G+1) with each block of maximum 4 residential quarters; (2) Each types of residential buildings shall be grouped separately; (3) 6ft. high masonry wall shall be provided all around the residential buildings area.
497.	III Part 1	9	36	6(5-4)-5	Point Machine	In 2 nd Column, after the words “60kg UIC”, inset the words “/60E1”
498.	III Part 1	9	2 Annexure-6	3.2(5)	Location of Depots & Sub-depots	After the words “Tentative location of Depots” in the Heading of the Table, add the words “(Refer Vol. V for final Location of Depots & Sub-depots)”.