

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

Addendum No. 10 Dated 14.08.2014
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

Sl. No.	Vol. No.	Section No.	Page No.	Clause No.	Item	Existing Provision with Changes	Addendum / Amendments to the Bid Documents	Reason of Change
458.	II	8	85	15.2.7	Availability of source code and development tools	Availability of software documentation	Replace the words "Source Code and Development Tools" with "software documentation".	Query No. 593
459.	II	8	85	15.2.7.1	Availability of source code and development tools	For COTS, the Contractor shall provide all available documentation for the application and maintenance of that software.	Delete first sentence of the Clause i.e. "With the exception of "Commercial Off The Shelf" Software (COTS), the Engineer shall be provided with access to full software documentation including source code listings and development tool details."	Query No. 593

Sl. No.	Vol. No.	Section No.	Page No.	Clause No.	Item	Existing Provision with Changes	Addendum / Amendments to the Bid Documents	Reason of Change
460.	II	8	86	15.2.10.1	Test Software	test software, with the exclusion of built-in test software, shall be produced in accordance with a quality system controlled under the requirements of ISO 9000-3. Test software shall be developed and documented using structured techniques and shall be designed to be maintainable throughout the term of the Contract. All test software shall be documented to be supportive of maintenance. Any test software that is to be delivered to the Employer (for long term testing use) shall be fully documented to allow the Employer to maintain the software for the life of the supported system.	In the last sentence of the Clause, delete the words "including source code listings".	Query No. 594
461.	III part-1	9	24	5.5.1.15	Electronic Interlocking (EI) system	NOT USED. For Big Yards, the Bidder shall be free to select the option between RDSO Specification RDSO/SPN/192 and RDSO/SPN/203 for Electronic Interlocking system.	The Clause modified earlier as per item No. 161 of Addm-3 is modified as under: "For Big Yards, the Bidder shall be free to select the option between RDSO Specification RDSO/SPN/192 and RDSO/SPN/203 for Electronic Interlocking system;"	Query No. 548

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462.	III part-1	9	Appx 8, page 8	6.3.5	Software configuration management plan	The software configuration management plan shall define the media control process to be taken to ensure that software databases and documentation have adequate archive. Such provisions shall allow the retrieval and regeneration of all software and documentation. Media control also covers the cataloguing of and access to, the physical media on which documentation and other relevant material is stored.	(i) In the first sentence of the Clause, delete the words "source code,". (ii) In the last sentence of the Clause, delete the words "source code,".	Query No. 592
463.	III part-1	9	73	13.4.2	Security Obligations	All executable code including all data configuration tables;	The Clause is modified as under: "All executable code including all data configuration tables;"	Query No. 592
464.	III Part 1	9	29	5.8.1	Level crossing gates	(b) In addition to 2 Nos. LC Gates on link lines as given at page 187- 188 of Vol IV of Bid documents duly updated as per item No. 409 & 410 of Addm 8,a list of 41Nos. LC gates in Rewari – Vadodara main line section is provided at page 188A in Vol. IV of Bid documents .	Clause 5.8.1 (b) as updated vide item No. 423 of Addm 8 is modified as under: "In addition to 2 Nos. LC Gates on link lines as given at page 187- 188 of Vol IV of Bid documents duly updated as per item No. 409 & 410 of Addm 8,a list of 41 Nos. LC gates in Rewari – Vadodara main line section is provided at page 188A in Vol. IV of Bid documents."	Query No. 543

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465.	I (Part 2/2)	6	Pg. No. 26 of Vol. 1 (Part 2/2) & Pg. No. 10 of Addendum No. 8	Schedule 5 Sl. No. 415 of Addendum No. 8	Payment Schedule Summary (ST P-5) - Revised	Revision due to decrease in No. of LC gates to be interlocked.	<p>In item at Sl. No. 415 of Addendum No. 8:</p> <p>(i) Delete the sub-item (iii)(pertaining to Installation of MSDAC)</p> <p>(ii) Delete the sub-item (iv)(pertaining to Total for Automatic signaling in Block section)</p> <p>(iii) In the sub-item (vii)(pertaining to Installation of Electric Lifting barrier incl. Gate control panel, power supply etc.)- Replace, the existing Weightage of Cost Centre (% of total Bid Price) "0.29" as appearing at the end of sub-item (vii) with "0.15".</p> <p>(iv) In the sub-item (vii)(pertaining to Total for Interlocking of L.C. Gates)- Replace, the existing Weightage of Cost Centre (% of total Bid Price) "0.29" as appearing at the end of sub-item (vii) with "0.15".</p>	Due to decrease in No. of L.C. Gates to be interlocked.

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466.	I (Part 2/2)	6	Pg. No. 39 of Vol. I (Part 2/2) Pg. No. 11 of Addendum No. 8	Schedule 5.4.2 Sl. No. 417 of Addendum No. 8	Schedule 5.4.2- Basis of Payment for Interim Payments on Construction of Automatic signalling in Block section: Installation of MSDAC.	In line with the above amendment at Sl. No. 465.	Delete the item at Sl. No. 417 of Addendum No. 8	Due to decrease in No. of L.C. Gates to be interlocked.
467.	I (Part 2/2)	6	Pg. No. 52 of Vol. I (Part 2/2) Pg. No. 11 of Addendum No. 8	Schedule 5.6.1 Sl. No. 419 of Addendum No. 8	Schedule 5.6.1- Basis of Payment for Interim Payments on Construction of L.C. Gates: Installation of Electric Lifting barrier	In line with the above amendment at Sl. No. 465.	In item at Sl. No. 419 of Addm 8: Replace existing value of "0.29%" as appearing at the end of paragraph, with "0.15%".	Due to decrease in No. of L.C. Gates to be interlocked.
468.	IV	10	187	List of LC gates as per item No. 430 & attachment 8-2 of Addm 8	List of level crossings	1) "Level Crossings: A total of 85 43 numbers of level crossings shall be interlocked and provided with DTS telephones. 2 Nos. of these are on Link Lines. Tentative list of 372 Nos. of main Line LC Gates is given. Out of these 372 Nos., 83-46 Nos. shall be interlocked details of which shall be provided by the Engineer at Preliminary Design stage.	Item. No. 430 of addendum 8 is modified as under: (a) Replace existing sub-para inserted above the table "List of Level Crossings" on page 187 of Volume IV vide para (1): "Level Crossings: A total of 43 numbers of level crossings shall be interlocked and provided with DTS telephones. 2	Decrease in No. of LC gates to be interlocked

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						Details of 41 Nos. pertaining to main line are given.”	<p>Nos. of these are on Link Lines. Details of 41 Nos. pertaining to main line are given.”</p> <p>(b) No change in existing para (2) of item No. 430 of Addm 8.</p> <p>(c) Replace existing “Tentative list of Level Crossings on Main Line” inserted at Page 188A to 188H vide para (3) of S. No 430 of Addm 8 with “List of Level Crossings on Main Line” as per Attachment Addm10-1.”</p>	
469.	III Part 2	8	79	8.3.3.1	DTS telephones at Level Crossings	Telephone at level crossing gate shall be connected as a hot line to the dispatch telephone/console of station control room nearest to the level crossing gate or as decided by the Engineer. It shall however be possible to extend the gate telephone to any controller in OCC as well as to any other gate telephone(s) between two stations. Contractor shall submit to the Engineer the	<p>(i) Delete item No. 428 of Addm 8.</p> <p>(ii) Replace the last sentence of the clause “Three numbers of level crossing gates are planned as per details given in volume IV Data Book.” with the following: “A total of 43 numbers of level crossing gates shall be provided with DTS telephones. Details of these gates are as given at</p>	Decrease in No. of LC gates to be interlocked

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						proposed system architecture for review. Availability of the gate telephone communication as a minimum shall be 99.995% as for any other DTS telephone connection. A total of 43 numbers of level crossing gates shall be provided with DTS telephones. Details of these gates are as given at page 187 to 188A in volume IV Data Book.		page 187 to 188A in volume IV Data Book.”	
470.	III Part 2	Appendices	8 of 40	S.No 4a of table 'Appendix 5' issued vide Item No. 314 of addendum 4A	Sparers for OFC Cable Interference Detection System	4(a)	<p>All type of PCB cards including mother board of OFC Cable Interference Detection System NOT USED</p> <p>10% of the total population for Each type for Phase NOT USED</p>	S No 4(a) of table of Appendix 5: Contract Spares issued as part of Item No. 314 of Addendum 4A containing text “All type of PCB cards including mother board of OFC Cable Interference Detection System” Is deleted.	Due to deletion of requirement of OFC Cable Interference Detection System.
471.	III Part 1	9	30	Annex.- 2 Cl. 10.5(i)	Terminals with ELMD and Lobbies Hardware – Industrial Grade PC	(i)	HARDWARE – Latest Industrial grade embedded fan less PC (c)NOT USED	<p>1) Insert word “Latest” before word “Industrial grade” in Cl. 10.5(i).</p> <p>2) Insert words “embedded fan less” before word “PC” in Cl. 10.5(i).</p> <p>3) Delete sub Clause ‘c’ containing requirement of cooling fans.</p>	Query No. 600

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472.	II	8	42	8.6.1.2	Inspection and testing plan	The Contractor shall prepare and submit the inspection and testing plans to manage and control any test and inspection activities in accordance with Clause 10.9.3;	In the second line of the Clause, replace referred Clause No. 8.5.3 with 10.9.3.	Query No. 601
473.	III Part 1	9	1	Annex.- 8 Cl. 2.2	Specification of Prefabricated Auto Location Huts	Adequate thermal insulation shall be provided by using Polyurethane Foam (PUF) of adequate thickness.	1) Replace words "mineral wool or rubber or fibre glass" with words "Polyurethane Foam (PUF)".	Query No. 603
474.	III Part 2	9	13	Annex.- 7 Cl. 2.2	Specification of Prefabricated Telecom Huts	Adequate thermal insulation shall be provided by using Polyurethane Foam (PUF) of adequate thickness.	1) Replace words "mineral wool or rubber or fibre glass" with words "Polyurethane Foam (PUF)".	Query No. 603
475.	III Part 1	9	130	Form I-B-10 Cl. 1	Transfer of Technology (TOT) for Signal and Telecommunication System	Transfer of Technology (TOT) for Signalling System - Manufacturing	1) Replace words "Signal and Telecommunication" with word "Signalling".	Query No. 628