

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

**Addendum No.3 Dated 03.07.2015**

**Addendum / Amendments to Bid 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**

<b>Sr. No.</b>	<b>Part</b>	<b>Vol. No.</b>	<b>Page No.</b>	<b>Clause No.</b>	<b>Item</b>	<b>Addendum/Amendments to Bid Document</b>
1.	1	-	73	Section - IV Bidding Forms	Form LOP: Proforma Letter of Participation from Each Member of Joint Venture(JV)	Delete entire note "(For Bidders in India to be executed on ... ... .. into account the Notes Shown below.) (On each Firm's Letter-Head)" below the heading of FORM LOP and replace with the following note: "Firms from India shall execute FORM LOP on non-judicial stamp paper of appropriate value. Firms from outside India shall execute FORM LOP according to the applicable Law in the Bidder's (Firm's) country."
2.	1	-	82	Section –IV Bidding Forms	Form CCC: Current Contract Commitments/ Works in Progress	Replace the 1st sentence of Notes (i) of FORM CCC with the following: "For the purpose of conversion of Indian Rupees (INR) / foreign currency into US\$, Bidders shall use the Foreign Currency Reference Rates published by Reserve Bank of India on 28 days prior to last date of bid submission."
3.	2	1	157	1.3	Contract Packages for EDFC Phase-2	Add the following at the end of the Para 1.3.3: "These Buildings and Structures will be within a lateral distance of 200m from the EDFC Phase-2 track alignment except residential buildings/Institutes/ Guest Houses at Mughalsarai and Allahabad."
4.	2	1	280	13.2	Scope of Training	(i) Delete sub-Para 13.2.1(5). (ii) Add New sub-Para 13.2.2 as under: "The Training shall be imparted both at the manufacturers'

Sr. No.	Part	Vol. No.	Page No.	Clause No.	Item	Addendum/Amendments to Bid Document
						premises as well at the site. The Training at manufacturer's premises shall include at least 300 trainee man-days (200 for Signalling and 100 for Telecommunication), covering all equipment and be held in India and abroad depending on where the manufacturing facility is located. The Training at site shall be for a minimum of 400 instructor man-days."
5.	2	1	286	14.1	Operation & Maintenance and Service Life Support General	Modify the last sentence of Para 14.1.3 as under: "The works shall include equipment being provided under Contract Package CP-104, which are upgraded/augmented/reconfigured under this Contract."
6.	2	1	291	14.9.9	Security Obligations	(i) Delete the following sub-Para 14.9.9.1(1). "(1) All source and executable code including all data configuration tables."
7.	2	2	315	1.4	Scope of Works	At the end of sub-Para 1.4.1(2), add the following: " The alterations to existing signalling on IR station due to DFCCIL single line connections or for implementation of Absolute block/slot working, shall be carried out by IR."
8.	2	2	322	2.2.3 (4)	Interlocking Design	Replace the contents of sub-Para 2.2.3(4)(f) with the following: "The System shall have provision for accommodating additional 25% of the I/O used, as minimum spare provision, including corresponding Processor capacity for future use."
9.	2	2	323	2.2.4(1)	Control System System requirements	At the end of the sub-Para 2.2.4(1)(b), add the following: "The complete display shall be available on the Control Terminal without scrolling. Multiple terminals shall be used, as required for proper display."
10.	2	2	323	2.2.4 (1)	Control System System requirements	At the end of first sentence of sub-Para 2.2.4(1)(h), add the following: "or suitable commands through Control terminal."
11.	2	2	326	2.2.5(2)(j)	Evaluators	Replace the contents of sub-Para 2.2.5(2)(j)(iv) with the following: "(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 8.2.7."
12.	2	2	327	2.2.6 (1)	Railway Crossings	Delete the word "midway" from the third line of sub-Para

Sr. No.	Part	Vol. No.	Page No.	Clause No.	Item	Addendum/Amendments to Bid Document
					System Requirements	2.2.6(1) (f).
13.	2	2	365	2.3.10(4)	Interface with other TMS	In sub-Para 2.3.10(4)(e), second line, replace the words “of APL1 contract” with “provided in EDFC Phase 1”
14.	2	2	401	5.3.19	Cable Markers	At the end of Para 5.3.19, add the following: “Electronic cable marker should be robust, passive, non-rusting & water-proof. It shall be possible to trace their location with the help of a cable marker tracing unit upto a depth of 1.5 meters”.
15.	2	2	422	8.2.7	Contract Spares	Delete the following sentence of sub-Para 8.2.7(8): “For Spare Parts of consumable and high-use items, the Contractor shall ensure that a minimum of two alternative sources of supply are available.”
16.	2	2	426	9.1.26	Definitions Vital Relay	Replace the existing definition of ‘Vital Relay’ in sub-Para 9.1.26 with the following :  “Vital Relays: The Relays used for Vital equipment such as Signal, Point, Track detection etc. whose correct operation is essential to the integrity of the Signalling system.”
17.	2	3	490	2.2	List of standard/ specification- Earthing System Standards	Replace the existing standards with the following:- IEC 62305 IEC 62561 IEC 60364
18.	2	3	507	5.5.3.3	Flexible Access Multiplex Equipment	Replace the first sentence of sub-Para 5.5.3.3(9) with the following: “Flexible Access Multiplex Equipment shall operate satisfactorily at 48V ± 20% DC.”
19.	2	3	532	8.2	MTRC Scope of Work	Delete the word “new” in the last line of sub-Para 8.2.2
20.	2	3	532	8.2	MTRC Scope of Work	Delete the word “new” in the first line of sub-Para 8.2.4
21.	2	3	533	8.2.7	MTRC Scope of Supplies	Replace the contents of existing sub-Para 8.2.7.1(3) with the following: “Base Station Controller (BSC), Transreceiver Coding Unit (TRAU/TCU) and Radio NMS complete with all hardware, firmware, Software and Licenses for EDFC Phase-2. If it is

Sr. No.	Part	Vol. No.	Page No.	Clause No.	Item	Addendum/Amendments to Bid Document
						possible to upgrade the BSC, TRAU/TCU and Radio NMS provided at OCC under Contract Package CP –104 to meet the requirements of this particular specification, Contractor shall upgrade this BSC, TRAU/TCU and Radio NMS duly interfacing with Contractor of Contract Package CP –104”.
22.	2	3	533	8.2.7	MTRC Scope of Supplies	Delete sub- Para 8.2.7.1(4).
23.	2	3	534	8.3.2	MTRC Coverage and performance	Delete the word “level” in the first line of sub-Para 8.3.2.1.
24.	2	3	534	8.3.2	MTRC Coverage and performance	Delete the word “level” in the first line of sub-Para 8.3.2.2.
25.	2	3	536	8.3.6.5	MTRC Services and Facilities	(i) The row starting with “Automatic Fax” in table of sub-Para 8.3.6.5(2) is deleted. (ii) The row starting with “Display of call charging information” in table of sub-Para 8.3.6.5(3) is deleted. (iii) The “Y” for column of OPH in row starting with “call supervisory information” in table of sub-Para 8.3.6.5(3) is replaced with “N”.
26.	2	3	538	8.3.10	Radio Dispatcher Console (Controllers Equipment)	Replace the contents of sub-Para 8.3.10.3 with the following: “The Radio Dispatcher System being provided at OCC under Contract Package CP-104 shall be upgraded to meet the requirement under Clause 8.3.10.1 & 8.3.10.2 of this Particular Specification. The expansion capacity in Radio Dispatcher System being provided under Contract Package CP-104 shall not be utilised by Contractor for provision of Radio Dispatcher Consoles required under this Contract.”
27.	2	3	544	8.5.1	MTRC Technical Requirements General	Delete the word “new” in 5 <sup>th</sup> line of 3 <sup>rd</sup> Para of sub-Para 8.5.1.1(1)
28.	2	3	546	8.5.1	MTRC Technical Requirements General	Add the following at the end of sub-Para 8.5.1.2: “The connectivity (Communication Link) between BSS of EDFC Phase-2 and Network Sub-system (NSS) of MTRC System of Indian Railway used for Mughalsarai-Ghaziabad Section shall be provided by Employer.”
29.	2	3	574	12.11.2	Requirements of effective Earthing	Replace the content of sub-Para 12.11.2.1 with the following:

Sr. No.	Part	Vol. No.	Page No.	Clause No.	Item	Addendum/Amendments to Bid Document
						"The Earthing system shall meet or exceed the requirements of IEC 62305, IEC 62561, IEC 60364 and ITU-T Recommendation K.27 of relevant International Standards."
30.	2	3	589	14.2	Special Tools and Test Equipment	Replace the content under 'Item' of SN18 of sub-Para14.2.2 with the following: "Handheld RF Analyzer"
31.	4	-	-	Indicative Yard Plans	Yard plan of New Kanpur Junction Station - Connection with Rooma station of NCR Drawing No. DFC/ALD/2013/JN./1	Replace the existing copy of the following Yard Plan with a new copy of higher resolution:  Yard plan of New Kanpur Junction Station - Connection with Rooma station of North Central Railway Drawing No. DFC/ALD/2013/JN./1