

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

**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, INTERLOCKING OF LEVEL CROSSING GATES, TRAIN MONITORING AND DIAGNOSTIC SYSTEM, 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 FREIGHTCORRIDOR**

**SIGNALLING AND TELECOMMUNICATION WORKS CONTRACT**  
**(Rewari – Makarpura of Phase 1)**

**CONTRACT PACKAGE ST P-5**

**Queries from Bidders**

<b>Sl. No.</b>	<b>Vol. No.</b>	<b>Section No.</b>	<b>Page No.</b>	<b>Clause No.</b>	<b>Title</b>	<b>Questions</b>	<b>DFCCIL's Response</b>
373.	III Part 1	5	4	1.4.3.3	Miscellaneous User Terminal	We refer to Sl.No.367 of Response to Queries from Bidders – Part 4A. ----- Please confirm that OFC cable installation to the miscellaneous user terminal is limited only those for IR Junction Stations, which OFC installation is clearly mentioned in Vol.III Part 2	Connectivity for all Miscellaneous User Terminals mentioned in Clause 1.4.3.3 of Vol. III part 1 of Bid Documents shall be provided by the Contractor as mentioned in Clause 5.3.3.1.4 of Vol. III part 2 of Bid Documents.

374	III Part2	5	20	5.1.8	Wi-Fi in OCC and Stations	<p>We refer to Sl. No 308 of Addendum 4A.</p> <p>-----</p> <p>Wi-Fi service in OCC and stations are specified.                      Please confirm whether the Contractor shall provide the other services such as global servers such as DHCP, DNS, Web etc.</p>	Refer to item no. 346 of addendum 5
375	III Part2	5	25	5.3.6.11	LAN port requirement	<p>We refer to Sl. No 308 of Addendum 4A.</p> <p>-----</p> <p>Additional LAN port in OCC and stations are specified.                      Please confirm whether the Contractor shall provide the other services such as global servers such as DHCP, DNS, Web etc.</p>	Refer to item no. 346 of addendum 5
376	III Part 1	5 Annex-1	7	7	Management Informtion System	<p>We refer to Sl. No.315 of Addendum 4A.</p> <p>-----</p> <p>Please confirm that</p> <p>(1) FOIS, WMS for DFCW are excluded from P-5 scopet</p> <p>(2) CMS is inside of P-5 scope, however it is dedicated for DFCW and has no interface with the existing IR system.</p> <p>(3) FOIS is out of P-5 scope, however DFCW TMS shall interface with existing FOIS for data exchange as specified in Clause 1.5 of Annex 7-4.</p>	<p>(1) Yes except as specified in Clause 1.5 of Annexure 7-4.</p> <p>(2) Yes.</p> <p>(3) Yes.</p>

377	III Part 2	5	9	10	1.4.7 & 1.4.7.1	<p>We refer to Sl. No.331 of Addendum 4A.</p> <p>-----</p> <p>For interface work definition between OCC and BCC by others, please confirm;</p> <p>(1) Whether BCC will be provided also with all back up management system for telecommunication system.</p> <p>(2) If yes, whether the back up system can be simplex (non-redundant)</p> <p>(3) If (1) is yes .we shall specially highlight GSM-R Core system.</p> <p>Please confirm that the following our understanding :</p> <p>(a) Finally there will be two GSM-R core networks(including BSC, MSS) ,one in Phase I,and the backup in Phase two</p> <p>(b) This two core network should support hot standby mode and automatic switchover function,when one is down, the other switchover automatically and takeover the GSM-R network.</p>	<p>The hot standby MSS provided for in clause 6.5.1.3 page 59 should be provided in OCC.</p> <p>The design, construction and the installation of the (1+1) system should be so done in OCC that on a later date, if DFCC decides, it should be possible to shift the standby part of the system to another location ie BCC and operate as (1+1) without much problem and requirement of additional equipment.</p> <p>When shifted the two core networks should support hot standby mode and automatic switchover function. When one MSS is down, the other should switchover automatically and work the full GSM-R network.</p>
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378	III Part -1	5 Annex 7-6 (Addendum 4-8)	1	1.5 (i) e	Opening of Existing Trench	<p>We refer to Attachment : Addm4-8.</p> <p>-----</p> <p>Please confirm that, if Clause (e) follows Clause (d), "the other Contractor" is P-5 and "the Contractor is P-5A."</p>	<p>Clause (e) is general. In the first stage, "the other Contractor" is P-5 and "the Contractor is P-5A."</p> <p>After both P-5 &amp; P-5A Contractors have laid cables and P-5 Contractor opens the trench, then "the other Contractor" is P-5A and "the Contractor is P-5."</p>
379	III Part 2	5	36	5.6.5	NMS Spare Capacity	<p>We refer to Sl. No.323 of Addendum 4A.</p> <p>-----</p> <p>Please clarify that whether for NMS 50% additional items are to be given for both Hardware and Software??</p>	<p>Yes. Clause 5.6.5 is also self explanatory.</p>
380	III Part 2	5	59	6.5.1.1 3)	GPRS Provision	<p>We refer to Sl. No.316 of Addendum 4A.</p> <p>-----</p> <p>We believe that DFCC doesn't have 3G frequency allocation from the Government Of India.</p> <p>Also 3G has not been adopted for GSM-R networks and ETCS-L2 works on GPRS.</p> <p>We request modification of clause as "The network shall be equipped to provide General Packet Radio Service (GPRS) and associated services."</p>	<p>Refer to item no. 348 of addendum no. 5.</p>

381	III Part 2	5	39	6.3.1.4	Data Rates on GSM-R	<p>We refer to Sl. No.317 of Addendum 4A.</p> <p>-----</p> <p>We believe that DFCC doesn't have 3G frequency allocation from the Government Of India.</p> <p>Also 3G has not been adopted for GSM-R networks and ETCS-L2 works on GPRS.</p> <p>We request modification of clause as</p> <p>“The network shall support point-to-point and point to multipoint data communication. The network shall support data rates as applicable with GPRS.”</p>	Please refer to item no. 349 of addendum no. 5
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