

Dedicated Freight Corridor Corporation of India Limited

(A Government of India Enterprise)

ADDENDUM NO. 11 dated 16/02/2018

ADDENDUM/AMENDMENTS TO THE BIDDING DOCUMENT FOR

“DESIGN, SUPPLY, CONSTRUCTION, INSTALLATION, TESTING AND COMMISSIONING OF 2X25kV AC ELECTRIFICATION, SIGNALLING & TELECOMMUNICATION, E&M AND ASSOCIATED WORKS ON DESIGN BUILD LUMP SUM BASIS OF DADRI – KHURJA SECTION (APPROXIMATELY 47 ROUTE KM OF DOUBLE LINE) OF EASTERN DEDICATED FREIGHT CORRIDOR”

ICB No.: HQ/SYS/EC/D-B/Dadri - Khurja

Following Amendments are hereby made to the Bidding Document, issued on 14.06.2017 for submission of Stage-1 (Technical Proposal) Bids for 2x25 kV AC Traction Electrification, Signalling & Telecommunication, E&M and Associated Works (Contract Package 105), in accordance with ITB 8 as follows:

S. No.	Part No.	Vol. No.	Page No.	Clause No.	Item	Addendum/Amendment to Bid Documents												
1.	Part-2 Section-VI	2	474	6.5	SHORT CIRCUIT CAPACITY	<p><u>Replace the content of Sub Clause 6.5 with the following:</u></p> <p>SHORT CIRCUIT CAPACITY The Contractor shall ensure that traction substation and auxiliary power supply system including cables installed shall be capable of withstanding the Indian Railway’s Transmission line fault levels at the points of common coupling and downstream with an allowance to cater for possible future increases. The fault levels to be catered for, are given in Table-6.5.1 below:</p> <p style="text-align: center;">Table 6.5.1: Design Short Circuit Levels</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>System Voltage (kV)</th> <th>Breaking Capacity/ Apparent Power in MVA</th> <th>Fault Current in kA</th> <th>Fault Duration in Seconds</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">132</td> <td style="text-align: center;">10000</td> <td style="text-align: center;">30</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">25</td> <td style="text-align: center;">30</td> <td style="text-align: center;">12</td> <td style="text-align: center;">3</td> </tr> </tbody> </table> <p>Specific requirements (wherever they are different) are furnished in the equipment/sub-system specifications. The Contractor shall carryout the load flow and short circuit study of the 2x25kV distribution network and adopt the Short Circuit level as stringent which may be witnessed in any stringent fault Scenario. Nevertheless the Fault level at OHE shall not be taken less than 12kA for calculations.</p>	System Voltage (kV)	Breaking Capacity/ Apparent Power in MVA	Fault Current in kA	Fault Duration in Seconds	132	10000	30	1	25	30	12	3
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2.	Part-2, section -VI	2	576	Table No. 13.2.1	Contract Spares	<p>Replace the content of Sl. No. 14 of Table no. 13.2.1 with the following:</p> <table border="1"> <tr> <td>14</td> <td>Auto Transformer</td> <td>One Number suitable for TSS (if required as per design) and One Number suitable for SSP based on short circuit capacity.</td> </tr> </table>	14	Auto Transformer	One Number suitable for TSS (if required as per design) and One Number suitable for SSP based on short circuit capacity.
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3.	Part-2, section -VI	5	528	17.7.1	Foundation Work	<p>Replace the content of Sub Clause 17.7.1 with the following:</p> <p>In the Traction Substation (TSS) and SSP, the contractor shall provide a road & rail system integrated with the transformer foundation to enable installation and replacement of any failed unit by the spare unit located at site. The contractor shall take such rail and road system to the adjoining approach road for easy transport of the transformers and heavy equipment through rail/road transport. This system shall enable the removal of any failed unit from its foundation to the nearest road.</p>			
4.	1	-	43 of 1231	ITB 19.1	Deadline for Submission of First Stage Technical Proposals.	<p>The deadline for submission of First Stage Technical Proposals is revised as under:</p> <p>Date: 15.03.2018 Time: 15:00 Hrs.</p>			
5.	1	-	43 of 1231	ITB 21.1	Opening of First Stage Technical Proposals by Employer.	<p>The opening of First Stage Technical Proposals is revised as under:</p> <p>Date: 15.03.2018 Time: 15:30 Hrs.</p>			