

Dedicated Freight Corridor Corporation of India Limited

(A Government of India Enterprise)

ADDENDUM No. 01 dated.06.12.2016

Addendum/Amendments to the Bid Document

DESIGN, SUPPLY, CONSTRUCTION, INSTALLATION, OF 2X25 KV ELECTRIFICATION, SIGNALLING AND TELECOMMUNICATION AND ASSOCIATED WORKS INCLUDING TESTING AND COMMISSIONING FOR DOUBLE TRACK ELECTRIFIED RAILWAY LINE ON DESIGN BUILD LUMP SUM BASIS FROM MUGHALSARAI TO NEW SONNAGAR AND CHIRAILAPATHU STATION (EXCLUDING NEW KARWANDIYA –NEW DURGAUTI SECTION) OF EASTERN DEDICATED FREIGHT CORRIDOR.

Bid Document No.: HQ/SYS/EC/D-B/MGS-DGO & KWDN-CPBH-SEBN

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| 1 | Part 1, Section II Bid Data Sheet | 27 of 48 | ITB 19.1 | D. Submission and Opening of Bids | The deadline for submission of Bid is revised as under: Date: 28.12.2016 Time:15:00 Hrs |
| 2 | Part 1, Section II Bid Data Sheet | 27 of 48 | ITB 21.1 | D. Submission and Opening of Bids | The Date and time for Technical Bid Opening is revised as under: Date: 28.12.2016 Time:15:30 Hrs |
| 3 | Part 2, Section V(B) Vol 9 , PS Electrical | 13 of 263 | 3.3.2 (n) | Scope of works | The word “Stimulation” in the first line should be read as “Simulation” |

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|--------------------|--|---|---|---|---|----------|-------------------------|--|-------------------|-----------------------|-----|---|-----|-----|---|-----|-----|---|-----|----|---|-----|--------------------|----|---|
| 4 | Part 2, Section V(B) Vol 9, PS Electrical | 35 of 263 | Table 7.2.2 | Salient Features of 132/54 kV Traction Transformers | Delete row number 10 of the table 7.2.2. | | | | | | | | | | | | | | | | | | | | |
| 5 | Part 2, Section V(B) Vol 9, PS Electrical | 28 of 263 | 6.4.5.5 Lightning Protection System: | Table 6.4-1 Maximum Earth Resistance | <p>The table 6.4-1 should be replaced as under:</p> <table border="1" data-bbox="1297 461 1902 987"> <thead> <tr> <th data-bbox="1297 461 1499 607" rowspan="2">Location</th> <th colspan="2" data-bbox="1499 461 1902 516">Earth resistance (ohms)</th> </tr> <tr> <th data-bbox="1499 516 1703 607">Each electrode</th> <th data-bbox="1703 516 1902 607">Total Earth system</th> </tr> </thead> <tbody> <tr> <td data-bbox="1297 607 1499 662">RSS</td> <td data-bbox="1499 607 1703 662">5</td> <td data-bbox="1703 607 1902 662">0.5</td> </tr> <tr> <td data-bbox="1297 662 1499 717">TSS</td> <td data-bbox="1499 662 1703 717">5</td> <td data-bbox="1703 662 1902 717">0.5</td> </tr> <tr> <td data-bbox="1297 717 1499 773">SSP</td> <td data-bbox="1499 717 1703 773">5</td> <td data-bbox="1703 717 1902 773">2.0</td> </tr> <tr> <td data-bbox="1297 773 1499 828">SP</td> <td data-bbox="1499 773 1703 828">5</td> <td data-bbox="1703 773 1902 828">2.0</td> </tr> <tr> <td data-bbox="1297 828 1499 987">Other Locations</td> <td data-bbox="1499 828 1703 987">10</td> <td data-bbox="1703 828 1902 987">To meet the requirements of EN 50122-1</td> </tr> </tbody> </table> | Location | Earth resistance (ohms) | | Each electrode | Total Earth system | RSS | 5 | 0.5 | TSS | 5 | 0.5 | SSP | 5 | 2.0 | SP | 5 | 2.0 | Other Locations | 10 | To meet the requirements of EN 50122-1 |
| Location | Earth resistance (ohms) | | | | | | | | | | | | | | | | | | | | | | | | |
| | Each electrode | Total Earth system | | | | | | | | | | | | | | | | | | | | | | | |
| RSS | 5 | 0.5 | | | | | | | | | | | | | | | | | | | | | | | |
| TSS | 5 | 0.5 | | | | | | | | | | | | | | | | | | | | | | | |
| SSP | 5 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | |
| SP | 5 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | |
| Other Locations | 10 | To meet the requirements of EN 50122-1 | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Part 2, Section V(B) Vol 8, PS Telecommunication | 12 of 114 | Para 2.1.4 | Scope of works | <p>Replace the Para 2.1.4 with the following:</p> <p>All the control circuits of New ERC Mughalsarai to New Sonnagar and New Chirailapathu section including New Durgauti-New Karwandiya Section which is at present in temporary OCC at Mughalsarai, DRM Office shall be extended/shifted to OCC at Allahabad by seamless integration with CP-203. This integration shall be in the present scope of the Contract.</p> | | | | | | | | | | | | | | | | | | | | |

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| 7 | Part 2, Section V(B) Vol 8, PS Telecommunication | 72 of 114 | Para 11.2.2 | 48 V DC Battery Backup system requirements | Para 11.2.2 Deleted | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Part 2, Section V(B) Vol 8, PS Telecommunication | 50 of 114 | Insertion of new para 7.5.1.2 (a) between 7.5.1.2 & 7.5.1.3 | PBX Network | <p>7.5.1.2 (a) PBXs to be supplied, installed and commissioned for Administrative Telephone Network at stations shall be equipped to, as a minimum and not limited to, the following:</p> <table border="1" data-bbox="1297 578 1881 1101"> <thead> <tr> <th data-bbox="1297 578 1356 683">S. N</th> <th data-bbox="1356 578 1713 683">Description of Item</th> <th data-bbox="1713 578 1881 683">Stations/ OCC</th> </tr> </thead> <tbody> <tr> <td data-bbox="1297 683 1356 740">1</td> <td data-bbox="1356 683 1713 740">Equipped Ports</td> <td data-bbox="1713 683 1881 740">128</td> </tr> <tr> <td data-bbox="1297 740 1356 797">2</td> <td data-bbox="1356 740 1713 797">Wired Ports</td> <td data-bbox="1713 740 1881 797">256</td> </tr> <tr> <td data-bbox="1297 797 1356 854">3</td> <td data-bbox="1356 797 1713 854">Expandable Ports</td> <td data-bbox="1713 797 1881 854">256</td> </tr> <tr> <td data-bbox="1297 854 1356 943">4</td> <td data-bbox="1356 854 1713 943">Analogue Telephone Ports</td> <td data-bbox="1713 854 1881 943">96</td> </tr> <tr> <td data-bbox="1297 943 1356 1000">5</td> <td data-bbox="1356 943 1713 1000">Digital Telephones Ports</td> <td data-bbox="1713 943 1881 1000">32</td> </tr> <tr> <td data-bbox="1297 1000 1356 1057">6</td> <td data-bbox="1356 1000 1713 1057">Ports for CO lines</td> <td data-bbox="1713 1000 1881 1057">4</td> </tr> <tr> <td data-bbox="1297 1057 1356 1101">7</td> <td data-bbox="1356 1057 1713 1101">Ports for DID lines</td> <td data-bbox="1713 1057 1881 1101">4</td> </tr> </tbody> </table> | S. N | Description of Item | Stations/ OCC | 1 | Equipped Ports | 128 | 2 | Wired Ports | 256 | 3 | Expandable Ports | 256 | 4 | Analogue Telephone Ports | 96 | 5 | Digital Telephones Ports | 32 | 6 | Ports for CO lines | 4 | 7 | Ports for DID lines | 4 |
| S. N | Description of Item | Stations/ OCC | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Equipped Ports | 128 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Wired Ports | 256 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Expandable Ports | 256 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Analogue Telephone Ports | 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Digital Telephones Ports | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Ports for CO lines | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Ports for DID lines | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Part 2, Section V(B) Vol 8, PS Telecommunication | 50 of 114 | Insertion of new para 7.5.1.3 (a) between 7.5.1.3 & 7.5.1.4 | PBX Network | 7.5.1.3 (a) The PBX shall be additionally equipped with ports for Direct Line Telephone Network over and above the equipped ports mentioned in Para 7.5.1.2 (a) and 7.5.1.3. | | | | | | | | | | | | | | | | | | | | | | | | |

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| 1 0 | Part 2, Section V(B) Vol 7, PS Signaling | 18 of 152 | Insertion of new para 4.2.3 | Procurement | Designated equipment shall be procured from RDSO's "Approved list of firms for manufacture and supply" and as per relevant IRS/RDSO specifications. Point machine with corresponding ground connections to suit canted points (1 in 20 cant turn outs) with thick web switches shall be got approved from RDSO/Employer. If any equipment other than covered above is proposed to be supplied, then the same must be proven being in regular use and having established its satisfactory performance over a period of at least two years during last 5 years on the World wide Railway/Metro system. Details of the same should be submitted well in advance for review and approval by the Engineer. |