

Dedicated Freight Corridor Corporation of India Limited

(A Government of India Enterprise)

ADDENDUM NO. 08 Dated 01/12/2017

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 SAHNEWAL – PILKHANI SECTION (APPROXIMATELY 175 ROUTE KM OF SINGLE LINE) OF EASTERN DEDICATED FREIGHT CORRIDOR”

ICB No.: HQ/SYS/EC/D-B/Sahnewal – Pilkhani

Following Amendments are hereby made to the Bidding Document, issued on 08.06.2017 for submission of Stage-1 (Technical Proposal) Bids for 2x25kV, 2x25 kV AC Traction Electrification, Signalling & Telecommunication, E&M and Associated Works (Contract Packages 304), in accordance with ITB 8:

SN	Part No.	Vol. No.	Page No.	Clause No.	Item	Amendments in the Bidding Document		
1.	1	-	37 of 1309	ITB 55	Instructions to Bidders	<p>Insert a new ITB 55 – Procurement Related Complaint as under:</p> <table border="1"> <tr> <td>55. Procurement Related Complaint</td> <td>55.1 The procedures for making a Procurement-related Complaint are as specified in the BDS.</td> </tr> </table>	55. Procurement Related Complaint	55.1 The procedures for making a Procurement-related Complaint are as specified in the BDS.
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2.	1	-	44 of 1309	ITB 29.8	Bid Data Sheet	<p>Delete ITB 29.8 and replace as under:</p> <p>“Add the following after ITB 29.8: The bidders may note that this DFCC project being funded by the World Bank, qualifies for exemption from payment of Customs Duty on goods supplied / intended to be supplied to the project in terms of Government of India’s Notification no. 84/97 – customs dated 11.11.1997 (read with all subsequent amendments)</p> <p>However, while quoting the bid price, bidders are advised to ascertain exemptions of custom duty and / or availability of deemed export benefits for goods required as inputs for completion of the Works under the World Bank Funded Projects. The bidders are also advised to ascertain the availability of the custom exemptions for the goods supplied by their subcontractors used as input for the construction of Works. In this regard bidders’ attention is also drawn to sub-clause 4.11 of the Particular Conditions.”, Section VIII, Part 3 of the Bidding Documents.”</p>		
3.	1	-	47 of 1309	ITB 55.1	Bid Data Sheet	<p>Insert ITB 55.1 as under:</p> <p>If a Bidder wishes to make a Procurement-related Complaint, the Bidder should submit its complaint, in writing (by the quickest means available, that is either by email or fax), to: For the attention: Mr. S. K. Gupta, Title/position: Group General Manager /Elect-IV/EC Employer: Dedicated Freight Corridor Corporation of India Limited Email address: sanjaykgupta@dfcc.co.in Fax number: + 91 11 2345 4701</p>		

SN	Part No.	Vol. No.	Page No.	Clause No.	Item	Amendments in the Bidding Document
						In summary, a Procurement-related Complaint may challenge any of the following: <ol style="list-style-type: none"> 1. The terms of the Bidding Documents; and 2. The Employer's decision to award the contract.
4.	1	-	96 – 101 of 1309	Form PER – I	Bidding Forms	In Form PER – 1, Replace the <i>Qualification</i> of following positions as given below: <i>For Safety & Health Expert:</i> “ B.E. /B. Tech or Equivalent with Specialization / additional qualification in EHS related field” <i>For Environmental Expert:</i> “B. E. / B. Tech or Equivalent with Specialization / additional qualification in Environment related field”
5.	2	2	456 of 1309	3.3.1(1)(V)(d)	Configuration of Traction Power Supply System	Replace the contents of sub clause 3.3.1(1)(V)(d) with the following:- “Auto-transformers shall be provided at each TSS (as required as per design), SP and SSP. ATS if required, shall have the provision of single autotransformer without spare/standby arrangement.
6.	2	2	472 of 1309	4.6.1(1)(e)	Electric Traction System design	Replace 3rd sentence of sub clause 4.6.1(1)(e) with the following:- “Works of Earthing & Bonding required on the adjacent Railway network of the Indian Railways of both electrified and non-electrified systems, in proximity to the Freight Corridor, against induced current from 25kV AT Feeding System shall be implemented as per sub clause 3.3.1(6), so as to provide a safe environment”
7.	2	2	472 of 1309	4.6.1(1)(e)(iv)	Electric Traction System design	Replace the contents of sub clause 4.6.1(1)(e)(iv) with the following:- “The Contractor shall develop Earthing and Bonding Plans covering all the buildings, structures and adjacent Indian Railway tracks or any other Utilities or metallic structures in proximity belonging to other independent authorities to provide protective provisions against EMI from 25kV traction currents and to limit touch potentials as a result of Simulation study so as to provide a safe environment. In case of any modification required for existing Indian Railways Track, the Employer shall decide the agency through which such measures are to be taken up”
8.	2	2	480 of 1309	5.1.7	Emergency Feeding Scenario	Replace the 2nd Para of Sub-Clause 5.1.7 with the following:- The contractor shall identify and describe the conditions of all Single point Failure at TSS, SSP, SP and ATS (if any) and assess & quantify the impact with requirement of Power rerouting and the energy requirement in kWh and MVA peak load.
9.	2	2	480 of 1309	5.1.8	Emergency Feeding Scenario	Replace Sub-Clause 5.1.8 with the following:- Second failure conditions (N-2) performance requirement– Under second failure conditions, the Contractor shall carry out Simulation study, considering failure of two consecutive Traction Substations (TSSs) highlighting that the train services will still be operational with increased headway / reduced speed of trains in the affected section. The

SN	Part No.	Vol. No.	Page No.	Clause No.	Item	Amendments in the Bidding Document
						operating conditions (Headway/speed) has to be determined so as to remain within the equipment rating under N-2 condition.
10.	2	2	480 of 1309	5.1.9	Emergency Feeding Scenario	Add New Sub-Clause 5.1.9 as under:- "Chainages of TSS, SP & SSP locations upto next TSS of adjoining Khurja-Pilkhani section (CP-305) is detailed under table no. 7.1.4 of chapter-7 of this specification. Curve & Gradient details of adjoining Khurja-Pilkhani section (CP-305) is attached under Part-4 reference document"
11.	2	2	480 of 1309	5.1.10	Emergency Feeding Scenario	Add New Sub-Clause 5.1.10 as under:- "For the purpose of simulation study, the salient features of traction transformer of the adjoining section TSS may be considered same as of the Jagadhari TSS."
12.	2	2	485 of 1309	6.1.3(4)(r)	Traction Substations (TSSs)	Replace the contents of sub clause 6.1.3(4)(r) with the following: "Auxiliary transformers 100kVA and 25kVA for 25 kV/240V single phase supply at TSS"
13.	2	2	496 of 1309	6.12	Outdoor Switchyard For TSS	Replace the contents of sub clause 6.12 with the following: "The layout shall be designed and constructed based on CBIP/RDSO guideline as applicable and other requirements specified in this PS"
14.	2	2	505 of 1309	7.3.13	220/132 kV Power Transformer	Replace the word "Table 7.2.3" with "Table 7.3.1" in 3rd line of sub clause 7.3.13.
15.	2	2	508 of 1309	7.5.4	Auto Transformers	Replace 1st sentence of sub clause 7.5.4 with the following:- "The Auto transformer capacity as indicated as above is minimum for inter-distance of 10-20 km between TSS and SSP or SSP and SP"
16.	2	2	508 of 1309	7.5.5	Auto Transformers	Replace "Traction Transformers" with "Auto Transformers" from the sub-clause 7.5.5.
17.	2	2	532 of 1309	9.3.2	LV Supply at Stations and S&T Installations	Add the following words in the 1st line of the paragraph between words 'For Telecom Installations' and 'along the route': "and LC gate"
18.	2	2	536 of 1309	10.2.1(26)	SCADA (Scope of works)	Replace the content of sub-clause 10.2.1(26) with the following: "Designated Contractor shall display SCADA information on Video wall for the entire Khurja – Pilkhani – Sahnewal Section. The video wall for Sahnewal-Pilkhani Section shall be provided by CP-304 contractor and the video wall for Khurja-Pilkhani Section shall be provided by CP-305 contractor."
19.	2	2	544 of 1309	10.7.10(b)	SCADA (Performance requirements)	Replace the content of sub-clause 10.7.10(b) with the following: "Shall support Ethernet IEE802.3, X.21 and Ethernet"

SN	Part No.	Vol. No.	Page No.	Clause No.	Item	Amendments in the Bidding Document								
20.	2	2	563 of 1309	10.10.2.34(a)(iv)	Application Programming Interfaces (APIs)	Delete sub clause 10.10.2.34(a)(iv) stating as under:- "Standard utility.....Communication"								
21.	2	2	564 of 1309	10.11.2(b)	SCADA Hardware - OCC	Replace the content of table, item no. 8 under sub-clause 10.11.2(b) with the following:- <table border="1"> <thead> <tr> <th>No.</th> <th>Item</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>Interfaces</td> <td>USB 2.0 ports VGA video port; Serial RS-232 compatible port standard</td> </tr> </tbody> </table>	No.	Item	Description	8	Interfaces	USB 2.0 ports VGA video port; Serial RS-232 compatible port standard		
No.	Item	Description												
8	Interfaces	USB 2.0 ports VGA video port; Serial RS-232 compatible port standard												
22.	2	2	628 of 1309	18.4.1(1)(d)	Interface with Civil, Building & Track Contractor (CST)	Replace the content of sub-clause 18.4.1(1)(d) with the following: "The System Contractor may please note that no movement of men and material will be permitted on the embankment unless & until the blanket layer upto the designed thickness is finished"								
23.	2	2	649 of 1309	Table 18.4.5	Interfacing Requirements with CP 305: SCADA System	Add new Item no. 10 under table 18.4.5 as under:- Table – 18.4.5 Interfacing Requirements with CP 305: SCADA System <table border="1"> <thead> <tr> <th>Item No.</th> <th>Item Description</th> <th>CP-304</th> <th>CP-305</th> </tr> </thead> <tbody> <tr> <td>10.</td> <td>Video Display System</td> <td>1. Shall provide Video Wall Panels for Sahnewal-Pilkhani Section. 2. Shall coordinate and display all SCADA information on video wall for the entire Khurja-Pilkhani-Sahnewal Section i.e for CP-304 & CP-305 as well.</td> <td>1. Shall provide Video Wall Panels as required for Khurja-Pilkhani Section.</td> </tr> </tbody> </table>	Item No.	Item Description	CP-304	CP-305	10.	Video Display System	1. Shall provide Video Wall Panels for Sahnewal-Pilkhani Section. 2. Shall coordinate and display all SCADA information on video wall for the entire Khurja-Pilkhani-Sahnewal Section i.e for CP-304 & CP-305 as well.	1. Shall provide Video Wall Panels as required for Khurja-Pilkhani Section.
Item No.	Item Description	CP-304	CP-305											
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24.	2	2	670 of 1309	Appendix-8 4.1.1	Traction Power Supply System (Specification of Auto Transformer)	Replace the 2nd sentence of sub-clause 4.1.1 with the following:- "The power fed from the TSS through catenary and feeder wire is stepped down to the catenary voltage by means of Autotransformers (ATs) installed at TSS/SP/SSP/ATS and then fed to the locomotives"								
25.	2	2	670 of 1309	Appendix-8 4.1.6	Traction Power Supply System (Specification of Auto Transformer)	Delete the 2nd sentence of sub-clause 4.1.6 of Appendix-8.								
26.	2	2	721 of 1309	Appendix-9 4.1.1	Traction Power Supply System (Specification of Traction)	Replace the 2nd sentence of sub-clause 4.1.1 with the following:- "The power fed from the TSS through catenary and feeder wire is stepped down to the catenary voltage by means of autotransformers (ATs) installed at TSS/SP/SSP/ATS and then fed to the locomotives"								

SN	Part No.	Vol. No.	Page No.	Clause No.	Item	Amendments in the Bidding Document
					Transformer)	
27.	2	2	721 of 1309	Appendix-9 4.1.6	Traction Power Supply System (Specification of Traction Transformer)	Delete the 2nd sentence of sub-clause 4.1.6 of Appendix-9.
28.	2	3	786 of 1309	1.4.1(6)	Scope of work	In 2 nd line of the Para 1.4.1(6), delete the following after train Traffic “and TPWS (May be Introduced in future)”
29.	2	3	786 of 1309	1.4.1	Scope of work	Replace the contents of Para 1.4.1(8) with the following; “Design and Implementation” means all activities associated with designing a signalling system to meet the Employer’s Requirements, manufacture & supply (including requisite furniture for operation & Maintenance), storage, Installation / Construction, Painting of outdoor Equipments, testing and commissioning, training, supply of spares, documentation, Tools & Plants ,and removal of temporary works, handover of the system to the Employer and support during Defect Notification period as per provisions of Employers Requirements.”
30.	2	3	788 of 1309	2.1	Introduction	Add new subpara 2.1.14 in para 2.1, “The system shall be designed to operate correctly and safely for trains having maximum axle load of 25 tonne and operating speed of up to 100 Kmph which inter-alia provides braking distance of more than two kilometre.”
31.	2	3	790 of 1309	2.2.2 (2)(c)	Signals, Technical requirements	Replace the contents of Para 2.2.2 (2)(c) with the following; “All main signals shall use Light Emitting Diode Signal lighting unit as per RDSO specification No. RDSO/SPN/199/2010 Rev.1.0 and Subsidiary Signals shall use Light Emitting Diode Signal lighting unit as per RDSO specification No. RDSO/SPN/153/2011. LED Signal lighting unit shall work on 110V 50 Hz AC. ECRs as per RDSO specification TS/E/Relays/AC Lit LED Signal/09-2002 shall only be used with LED Signal lighting units”.
32.	2	3	792 of 1309	2.2.3(3)(b)(ii)	Interlocking, Technical requirements	Replace the contents of Para 2.2.3(3)(b)(ii) with the following; “(ii) It shall be capable of interfacing with TPWS (to be Provided in future)”.
33.	2	3	793 of 1309	2.2.3(4)(f)	Interlocking, Interlocking Design	Replace in second line of Para 2.2.3(4)(f) “I/O” with “I/O Cards”.
34.	2	3	795 of 1309	2.2.5(2)(c)	Track Vacancy, Detection System	Delete in the last sentence of Para 2.2.5(2)(c) after IR Stations “when slot working is not used”.
35.	2	3	796 of 1309	2.2.5(2)(i)	Evaluators	Replace the contents of Para 2.2.5(2)(i)(ii) with the following; “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 9.2.7.”
36.	2	3	796 of 1309	2.2.5(3)(i)(a)	Resetting Arrangement,	Delete the last sentence of Para 2.2.5(3)(i)(a); “The scheme should avoid, to the extent possible physical verification of track at site, without affecting safety”.

SN	Part No.	Vol. No.	Page No.	Clause No.	Item	Amendments in the Bidding Document					
					Manual Resetting						
37.	2	3	802 of 1309	2.2.9(11)	Power Supply	Replace the contents of Para 2.2.9(11) with the following; All Battery Cells shall be of the Valve Regulated Lead Acid Maintenance Free type to RDSO specifications IRS S93-96 (A) Amd (I) with Latest Amendments for capacities up to and including 500 AH and to TEC Specifications No.GR/BAT-01/03 March 2004 with Latest Amendments for capacities beyond 500 AH. The life of these Battery Cells shall not be less than 7 years. All Battery Cells shall be procured as per Para 5.2 of thi`s Particular Specifications for Signalling Works. Battery bank shall have adequate capacity to provide a backup time of minimum 4 hours with maximum depth of discharge of the battery as 70%. The batteries shall be installed on battery racks.					
38.	2	3	803 of 1309	2.2.9(12)	Power Supply	Replace the first word of Para 2.2.9(12) "Four" with "Five".					
39.	2	3	865 of 1309	5.3.2 (5)	Cable core allocation	Replace the contents of Para 5.3.2 (5) with the following; "Separate cables shall be used for operation and detection of each point".					
40.	2	3	908 of 1309	10.5.4(6)	Interface with CST contractor(s)	Replace the contents at S.No.2. of Table at Para 10.5.4(6) with the following: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;">2</td> <td style="width: 30%;">Design and Construction of additional Signalling structures at locations other than at the Station. Refer para 5.2.2(3).</td> <td style="width: 35%;"> <ol style="list-style-type: none"> 1. Shall decide the location of additional Signalling structures. 2. Shall design and construct additional Signalling structures in coordination with the CST contractor. 3. Shall provide the requirement of ventilation. </td> <td style="width: 15%;">Shall provide consent of space for any additional Signalling structures.</td> <td style="width: 15%;">Approved Site Plans for the SER/Power Supply Rooms.</td> </tr> </table>	2	Design and Construction of additional Signalling structures at locations other than at the Station. Refer para 5.2.2(3).	<ol style="list-style-type: none"> 1. Shall decide the location of additional Signalling structures. 2. Shall design and construct additional Signalling structures in coordination with the CST contractor. 3. Shall provide the requirement of ventilation. 	Shall provide consent of space for any additional Signalling structures.	Approved Site Plans for the SER/Power Supply Rooms.
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41.	2	3	922 of 1309	5(9) of Appendix-2	Battery Banks & Sizing	Replace in first word of Para 5(9) "Four" with "Five".					
42.	2	4	990 of 1309	5.3.9.11(7)	Alarm and Status Monitoring	Delete para 5.3.9.11(7). And update the numbering of sub para 5.3.9.11(8) as 5.3.9.11(7).					
43.	2	4	996 of 1309	5.5.3.4(5)	Network Management System	Delete from para 5.5.3.4(5) "and F interface of V.24/V.28 type".					
44.	2	4	999 of 1309	6.3.1	System Requirements	Delete from 3 rd line of para 6.3.1. "all stations".					

SN	Part No.	Vol. No.	Page No.	Clause No.	Item	Amendments in the Bidding Document
45.	2	4	1001 of 1309	6.4.3.3	Availability Requirements	Delete from para 6.4.3.3 "Resilient Ethernet Protocol".
46.	2	4	1003 of 1309	6.6.1	Security	Add the following after "Authorized Users only" In para 6.6.1: "If feasible, Contractor may upgrade/augment Access Control Mechanisms provided under Contract Package CP-104/CP-203 to meet the requirements of this Particular Specification."
47.	2	4	1004 of 1309	6.6.3	Security	Add the following at the end of para 6.6.3: "If feasible, Contractor may upgrade/augment NPF (Network Perimeter firewall) provided under Contract Package CP-104/CP-203 to meet the requirements of this Particular Specification."
48.	2	4	1010 of 1309	7.3.5.13	Administrative Telephone Network	Replace in para 7.3.5.13 the following: "three telephone sets" with "three Analogue telephone sets".
49.	2	4	1016 of 1309	7.3.12.1	Emergency Communication System	Replace in para 7.3.12.1 "installed over RE mast." with "installed over RE masts / Rail post".
50.	2	4	1017 of 1309	7.4.3.4	Availability Requirements	Replace in the last line of para 7.5.1.9 "99.995" with "99.95".
51.	2	4	1019 of 1309	7.5.1.9	PBX Network	Replace in the first line of para 7.5.1.9 "The extension line interface" with "The analog extension line interface". Delete and replace in the first line of para 7.5.1.9 (1) "Loop resistance of subscriber" with "Loop resistance of analog telephone subscriber".
52.	2	4	1021 of 1309	7.5.4.1	Voice Recording System (VRS)	Delete from para 7.5.4.1 the following: "and Mobile Train Radio Communication System".
53.	2	4	1024 of 1309	8.2.3	Scope of Work, (MTRC)	Replace in the third line of para 8.2.3 Integrated" with "Interoperable".
54.	2	4	1024 to 1047	Chapter-8	Mobile Train Radio Communication System (MTRC)	Read "EIRENE FRS v7.3.0 specification and EIRENE SRS v15.3.0 specification" instead of "EIRENE FRS v7.4.0 specification and EIRENE SRS v15.4.0 specification respectively", in PS Telecom.
55.	2	4	1033 of 1309	8.3.17	Telephone Interconnect Call (MTRC)	Replace in the fourth line of para 8.3.17 "if required" with "if technically feasible".
56.	2	4	1037 of 1309	8.4.6.1	Interoperability Requirements (MTRC)	Delete from para 8.4.6.1 the following: "in use over Indian Railways"
57.	2	4	1038 of 1309	8.4.6.3	Interoperability Requirements (MTRC)	Delete from para 8.4.6.3 the following: "Bidder shall submit latest inter-operability certificate from recognised/notified body at the time of bid submission"

SN	Part No.	Vol. No.	Page No.	Clause No.	Item	Amendments in the Bidding Document			
58.	2	4	1052 of 1309	9.5.3.9	Display Clocks (Master Clock System)	Add the following at the end of para 9.5.3.9. "The power supply shall have backup from UPS."			
59.	2	4	1063 of 1309	11.5.2.2.3	LED Backlit Color Display unit	Delete and replace item no. 4 of Table in para 11.5.2.2.3 with the following: <table border="1" style="margin-left: 20px;"> <tr> <td style="width: 20px; text-align: center;">4</td> <td style="width: 100px;">Video I/P</td> <td style="width: 100px;">HDMI, DVI</td> </tr> </table>	4	Video I/P	HDMI, DVI
4	Video I/P	HDMI, DVI							
60.	2	4	1063 of 1309	11.5.2.3.2	LED color Monitors	Delete and replace item no. 4 of Table in para 11.5.2.3.2 with the following: <table border="1" style="margin-left: 20px;"> <tr> <td style="width: 20px; text-align: center;">4</td> <td style="width: 100px;">Video I/P</td> <td style="width: 100px;">HDMI, DVI</td> </tr> </table>	4	Video I/P	HDMI, DVI
4	Video I/P	HDMI, DVI							
61.	2	4	1065 of 1309	11.5.2.7.5	Layer 2 switch for field	Replace in para 11.5.2.6.5 "RS-232" with "RS-232 / RJ45 / USB".			
62.	2	5	1148 of 1309	4.7.1 (3)	OCC arrangement and Features	Replace the content of sub-clause 4.7.1(3) with the following:- "For this purpose information shall be displayed on two systems one that is common to all and displayed on the video wall and the second through display monitor placed on the console/ Work station of each operator"			
63.	2	5	1149 of 1309	4.8.2	The Equipment and Facilities provided by the Contractor for Auxiliary SCADA	Replace the content of sub-clause 4.8.2 with the following:- "The Video wall for displaying the Auxiliary SCADA system at OCC for the Sahnewal - Pilkhani section shall be provided by the Contractor under Contract Package CP – 304 and for Khurja-Pilkhani section shall be provided by the system contractor under contract package CP-305. However, the workstation for the entire Khurja-Pilkhani-Sahnewal section shall be provided by the CP-304 contractor."			
64.	2	5	1172 of 1309	7.3(1)(d)	LT CABLE	Replace the content of sub-clause 7.3(1)(d) with the following:- "The LT Cable use for connection between 230 V supply from Auxiliary AT to Auto-Source Transfer Switch (ASTS) shall be of minimum 70 Sqmm - 2 core copper conductor, XLPE insulated Cables. This cable shall be of copper conductor in view of reliability"			
65.	2	5	1194 of 1309	11.2 (1)	DG Set with Acoustic Enclosure for Essential Power Supply	Replace the 1st Sentence of the 2nd paragraph of the Sub Clause 11.2(1) with the following:- "The DG Set shall be able to start automatically in all climatic conditions and shall take full load within 20 seconds of failure of the normal supply through an automatic change over switch."			
66.	2	5	1222 of 1309	17.7.1	General Requirement for Control Room Building	Replace the 2nd sentence of sub-clause 17.7.1 with the following:- "The Contractor shall provide such road & rail system adjacent to the DFCCIL track for easy transportation of the Transformers and heavy equipment through rail transport as per the requirements of ACTM"			

SN	Part No.	Vol. No.	Page No.	Clause No.	Item	Amendments in the Bidding Document																									
67.	2	5	1245 of 1309	Attachment 20.3	Power Supply Arrangement for S&T Installaion	<p>Replace the Table under Attachment 20.3 with the following:</p> <p>(A) Power Supply Arrangement for S&T Installation</p> <table border="1"> <thead> <tr> <th>Location</th> <th>Aux . AT Supply kVA as assessed</th> <th>Local Utility</th> <th>DG Set</th> <th>UPS</th> </tr> </thead> <tbody> <tr> <td>Crossing Station</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Junction Station</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Telecom Equip. room in block section</td> <td>✓</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>LC Gate</td> <td>✓</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Location	Aux . AT Supply kVA as assessed	Local Utility	DG Set	UPS	Crossing Station	✓	✓	✓	✓	Junction Station	✓	✓	✓	✓	Telecom Equip. room in block section	✓	NA	NA	NA	LC Gate	✓	NA	NA	NA
Location	Aux . AT Supply kVA as assessed	Local Utility	DG Set	UPS																											
Crossing Station	✓	✓	✓	✓																											
Junction Station	✓	✓	✓	✓																											
Telecom Equip. room in block section	✓	NA	NA	NA																											
LC Gate	✓	NA	NA	NA																											
68.	3	-	1268 – 1269 of 1309	Sub – Clause 4.11	Particular Conditions	<p>Delete Sub – Clause 4.11 and replace as under:</p> <p>“Add the following after Sub Clause 4.11 “DFCC project being funded by the World Bank, qualifies for exemption from payment of custom duty on goods supplied/intended to be supplied to the Project in terms of Government of India’s Customs notification no. 84/97 – customs dated 11.11.1997 (read along with all subsequent amendments), provided the goods brought in to the project are not withdrawn by the supplier or the Contractor. Under various notifications of the Department of Customs, Government of India, goods brought in to the project funded by the International Bank of Reconstruction and Development (IBRD) and / or awarded after conducting process under the International Competitive Bidding are exempt from Customs duties and / or are eligible for Deemed Export Benefits, provided the said goods are not withdrawn by the supplier or Contractor. The certificates required for claiming exemption of customs duty and / or for claiming deemed export benefits on goods by the Contractor shall be issued by the Employer. The Contractor shall be solely responsible for obtaining such duty exemptions and / or deemed export benefits and in case of failure to avail such benefits for any reasons whatsoever; the Employer shall not reimburse any such duties. The above stated certificate(s) shall be issued for the bonafide and reasonable quantities of goods to be used as input in the construction of Works, on the recommendations of the Engineer taking in to account the Work Programme [Sub-Clause 8.3 of the Conditions of Contract] and approved methodology. Any delay in procurement of the goods as a result of any delay, in the issuing of the above mentioned certificates and / or availing the exemptions, shall not be entertained as a reason for granting any Extension of Time for Completion and / or additional cost. No customs duty or any tax, fee, royalty etc. will be reimbursed by the Employer. The Bidders may please note that at present, there is no notification from Govt. of India regarding exemption of GST for this Project.”</p>																									
69.	3	-	1286 – 1288 of 1309	Sub – Clause 20.6	Particular Conditions	<p>Replace the contents of Paragraph b (i) with the following:</p> <p>“In accordance with rules of Arbitration of the International Centre for Alternative</p>																									

SN	Part No.	Vol. No.	Page No.	Clause No.	Item	Amendments in the Bidding Document
						Dispute Resolution, New Delhi or such other rule as may be mutually agreed by the parties and shall be subject to the provision of The Arbitration And Conciliation (Amendment) Act, 2015 (An Act to amend the Arbitration and Conciliation Act, 1996)"
70.	4	-	-	-	Access Schedule for "Formation and Track of CP-301"	Add new item 9 in Part 4 Reference Document: "9. ACCESS SCHEDULE FOR "FORMATION AND TRACK OF CP-301"
71.	4	-	-	-	"Curve & Gradient details of CP-304 & CP-305"	Add new item 1.5 in Part 4 Reference Document. "Curve and Gradient Details of Khurja-Pilkhani-Sahnewal Section (CP-304 & CP-305)"
72.	4	-	-	-	Schematic Diagram of 220/132kV Receiving Sub-Station Cum 132/55kV Traction Sub-Station at Jagadhari	Replace the "Drawing no. GC/DFCC/PS/TSS/SCH/TYP/101" with the revised "Drawing no. GC/DFCC/PS/TSS/SCH/TYP/101 Rev.01 ".
73.	4	-	-	-	Control Room Bldng at Jagadhari TSS Station	Replace the Drawing "no. GC/DFCC/TSS/503-A" with the revised "Drawing no. GC/DFCC/TSS/503-A Rev.01 ".
74.	4				General Arrangement Block Diagram of Traction SCADA	Replace Drawing No. "GC/DFCC/TR/SCADA/701" with the revised Drawing No. "GC/DFCC/TR/SCADA/701 Rev.01"
75.	4				General Arrangement Block Diagram of Auxiliary SCADA	Replace Drawing No. "GC/DFCC/TR/SCADA/702" with the revised Drawing No. "GC/DFCC/TR/SCADA/702 Rev.01"
76.	2	5	1182 of 1309	9.1.1(3)	Illumination levels	Replace the clause 9.1.1(3) with the following: "All Out door Luminaries shall be of minimum IP65 class and indoor shall be of IP54 class except for Residential Quarters, where indoor luminaries shall be of minimum IP20 class.
77.	1	-	51 of 1309	NOTE of clause 2.3	Personnel	Add the following after the last sentence of NOTE: " However there is no restriction in using same CV for Key Personnel by more than one Bidder "
78.	1	-	101 of 1309	NOTES of Form PER-1	Personnel	Add the following after the last sentence of (ii) of NOTES: " However there is no restriction in using same CV for Key Personnel by more than one Bidder "