

Dedicated Freight Corridor Corporation of India Limited

(A Government of India Enterprise)

Addendum No. 1 dated : 02.03.2012

ADDENDUM /AMENDMENTS TO THE BIDDING DOCUMENTS FOR

Design and Construction of Civil, Structures and Track Works for double Line Railway involving Formation in Embankments/Cuttings. Ballast on Formation, Track Works, Bridges, Structures, Buildings including Testing and Commissioning on Design – Build Lump Sum basis for Bhaupur – Khurja Section of Eastern Dedicated Freight Corridor.

Civil, Structures and Track Works Contract Packages

Contract Packages 101,102 & 103

ICB No.: HQ/EN/DB/Bhaupur – Khurja

Date of Submission of First Stage Technical Proposals: 30.03.2012

SN	Reference to		Amendments in the Bidding Documents				
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc					
1.	Part -1 Section-II Bid Data Sheet	ITB 1.1 Third row (Page 040)	Delete the last 5 lines from the bottom and replace with the following:				
			Slice/ Lot	From (Existing Railway Km)	To (Existing Railway Km)	Approximate Total Length (Route Km)	Approximate Total Length (Route Km)
			101	1040 (Bhaupur Village)	1170 (Bhatura village)	130.1 (DL) 7.35 (SL)	Parallel Length (DL) – 87.2 Detour Length (DL) – 42.9 Detour Length (SL) – 7.35

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			<p>Bidders can bid for any number of lots but shall be awarded only the number of lot(s) for which they have been prequalified by DFCCIL.</p> <p>Note : 1. SL stands for proposed single line DFC track and DL stands for proposed double line DFC track. 2. For details refer to the Sectional details of respective Slice/Lot.</p>														
2.	Part-1 Section II [Bid Data Sheet]	ITB 29.8 (Page 042)	<p>Delete ITB 29.8, in Bid Data Sheet (Section II) of Part-1, and replace with the following: “The total bid price quoted shall be on a “Delivered Duty Paid” (DDP) basis.</p> <p>The bidders may note that DFCC project being funded by the World Bank, qualifies for exemption from payment of custom duty and Excise 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 and Central Excise Notification no. 108/95-C.E Dated 28.08.1995 (read along with all subsequent amendments including the amendment dt.01-03-2008) respectively.</p> <p>However, while quoting the bid price, bidders are advised to ascertain exemptions of custom & excise 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 /</p>														

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			excise exemptions for the goods supplied by their sub-contractors 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." (The said sub-clause has been incorporated now as per SN 48 of the Addendum No. 1 to the Bidding Document.)
3.	Part-1 Section III Evaluation and Qualificatio n Criteria	Sub-Clause 2.3 [Personnel] (page 046)	In the first line of first paragraph, replace the words "give an undertaking" with "propose". At SN 4, under Column 'Minimum Education Qualification' Replace the words 'experience in' with 'familiarity with'
4.	Part-1 Section III Evaluation and Qualificatio n Criteria	Clause 2.5 [Subcontrac tors and Suppliers] (Page 048)	In 4 th line of 4 th paragraph of Clause 2.5, replace the word "CU" with "Manufacturer's Authorization"
5.	Part-1 Section III Evaluation and Qualificatio n Criteria	Clause 3.4 (Page 049)	Add Item No. 12 as follows on Page 50 "12. Concept design or equivalent technical illustration of the proposed technical alternative. "
6.	Part-1 Section III Evaluation and Qualificatio n Criteria	Annexure-1 Clause 2.1 (Page 052)	Add the following after Item No.11. "12. Undertaking as per ITB Clause 4.6 and Section III Evaluation Criteria Item 2.1. 13. Manufacturer's Authorization (Form Manufacturer's Authorization – Bidding Forms Section IV)"
7.	Part-1	Annexure-1	Add after 5 th line.

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	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc	
	Section III Evaluation and Qualification Criteria	Clause 2.2(3) Work Plan (Page 052)	"Bidder should provide details of Contractor's Equipment in Form EQU as per Bidding Form included in Section IV."
8.	Part-1 Section III Evaluation and Qualification Criteria	Annexure-1 Clause 2.2 (5) (Page 053)	Last sentence deleted.

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9.	Part-1 Section III Evaluation and Qualification Criteria	Annexure-1 Clause 2.2 (6) Technical Data (Page 053)	<p>Table modified as under :</p> <table border="1"> <thead> <tr> <th rowspan="2">S.N.</th> <th rowspan="2">Item</th> <th colspan="2">Design/Drawings to be followed</th> </tr> <tr> <th>RDSO Reference Nos.</th> <th>Other than RDSO Reference with details</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Bearings for Bridge Girders</td> <td></td> <td></td> </tr> <tr> <td>2.</td> <td>Switch Expansion Joints</td> <td></td> <td></td> </tr> <tr> <td>3.</td> <td>Single Shot Crucible Welding</td> <td></td> <td></td> </tr> <tr> <td>4.</td> <td>Pre-Stressed Concrete Sleepers with fittings and fastenings <ul style="list-style-type: none"> a) For normal track b) For special locations <ul style="list-style-type: none"> i) SEJ's ii) Points & Crossings iii) Bridge Approaches iv) Level Crossings </td> <td></td> <td></td> </tr> <tr> <td>5.</td> <td>Movable nose Crossings</td> <td></td> <td></td> </tr> <tr> <td>6.</td> <td>Fittings</td> <td></td> <td></td> </tr> <tr> <td>7.</td> <td>Fastenings</td> <td></td> <td></td> </tr> <tr> <td>8.</td> <td>Formation</td> <td></td> <td></td> </tr> </tbody> </table> <p>Note : RDSO Drawings are for reference only. Bidders are responsible for final design.</p>	S.N.	Item	Design/Drawings to be followed		RDSO Reference Nos.	Other than RDSO Reference with details	1.	Bearings for Bridge Girders			2.	Switch Expansion Joints			3.	Single Shot Crucible Welding			4.	Pre-Stressed Concrete Sleepers with fittings and fastenings <ul style="list-style-type: none"> a) For normal track b) For special locations <ul style="list-style-type: none"> i) SEJ's ii) Points & Crossings iii) Bridge Approaches iv) Level Crossings 			5.	Movable nose Crossings			6.	Fittings			7.	Fastenings			8.	Formation		
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10.	Part-1/ Section IV Bidding Forms	Index (Page 057)	<p>Add new Form in Table of Forms</p> <p>"Manufacturer's Authorization Form."</p>																																						
11.	Part-1/ Section IV	Form LOP (Page 066,	The form has been revised for further clarity. Please use the new Form LOP, attached as Annexure.																																						

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12.	Part-1/ Section IV Bidding Form	Form POA-2 (Page 070, 071)	The form has been revised. Please use the new Form POA-2, attached as Annexure.										
13.	Part-1/ Section IV Bidding Form	Form BS (Page 083)	In the second line from the top of the page, replace the words "forty two days (42)" with "twenty eight days (28)"										
14.	Part-1 Section IV [Bidding Forms]	Price Schedule 2.4 (Page 090)	In the last line in the Table on page 090, replace the figure '2' with '1'. Please note that there is no Note 2.										
15.	Part-1 Section IV Bidding Forms	Add a new Bidding Form	Add the new form named as "Manufacturer's Authorization", which is attached as Annexure.										
16.	Part-2 Volume-I [Scope of Works]	Clause 1.0 (1) (Page 102)	5 th line modified as under: "Other infrastructure including that of track" is replaced by "track".										
17.	Part-2 Volume-I [Scope of Works]	Clause 2.0 (1) (Page 102)	Table modified as under. <table border="1" data-bbox="611 1224 1736 1321"> <thead> <tr> <th>Slice/ Lot</th> <th>From (Existing Railway Km)</th> <th>To (Existing Railway Km)</th> <th>Approximate Total Length (Route Km)</th> <th>Approximate Total Length (Route Km)</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Slice/ Lot	From (Existing Railway Km)	To (Existing Railway Km)	Approximate Total Length (Route Km)	Approximate Total Length (Route Km)					
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18.	Part-2 Volume-I [Scope of Works]	Clause 2.0 (3) (Page 103)	In 4 th line after ROBs add “, RFOs”				
19.	Part-2 Volume-I [Scope of Works]	Clause 2.0 (6) (f) (Page 104)	In the last line “infringement of civil, S&T and electrical” is replaced by “Site data including alignment and survey details, utilities, GADs” .				
20.	Part-2 Volume-I [Scope of Works]	Clause 2.0 (6)(i) (Page 105)	Delete Clause 2(6) (i) [Construction of Service Road along DFC alignment] in its entirety. The provision of construction of service roads in Slice/lot 101, 102 and 103 has been deleted altogether. Therefore, any reference to design, construction and testing of service roads at all places in the Bidding Documents shall be treated as deleted.				
21.	Part – 2 Volume -3 (Design Procedures)	Clause 7.2.5 (a) (Page 129)	In the first line “with with” replaced with “with.”				

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	and process)		
22.	Part-2 Volume 4	Clause 1.2 (1) (Page 138)	In the 4 th line the phrase "Other infrastructure including that of track" to be replaced by "Track."
23.	Part -2 Volume 4	Clause 2.3.2 (3) (Page 142)	<ol style="list-style-type: none"> 1. Third bullet is replaced as under :- <ul style="list-style-type: none"> • "Sub grade/subsoil shall be designed and checked to ensure not to allow any shear failure and/ or large deformation without shear failure." 2. Last bullet is replaced as under :- <ul style="list-style-type: none"> • "Geometrical requirements (except for the formation width as specified in clause 2.3.2 (1) shall be as per RDSO :GE -0014 Guidelines and specifications for design of formation for heavy axle load."
24.	Part -2 Volume 4	Clause 2.3.6 (1) (Page 144)	In the second line" RE Walls" is replaced by "Reinforced Soil Slopes".
25.	Part -2 Volume 4	Clause 3.1 (Page 146)	<p>Add new item after item 27 at Page 148.</p> <p>"28. Construction of RFO – The GADs including spans are indicative. Construction of RFOs over existing Indian Railway Track with double line / single line should have provision for two future tracks, one on either side of existing Indian Railway(s). These RFOs should also have additional openings on both sides to provide road access with 7.5m carriageway."</p>
26.	Part -2 Volume 4	Clause 3.1 (14) (Page 147)	"RE Panel walls, RE block walls" is replaced by "Reinforced Soil Walls /Slopes".
27.	Part -2 Volume 4	Clause 3.4 (1) (Page 149)	<p>Replaced Clause 3.4 (1) as under :</p> <p>"1. The criteria for seismic analysis and design for bridges shall be governed by – IITK-RDSO guidelines of seismic design of Railway Bridges."</p>
28.	Part -2	Clause 3.7	"Steel Concrete" replace by "Steel/ Concrete ".

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	Volume 4	(1) (Page 150)																																											
29.	Part-2 Volume 4	Clause 4.1.1 (Page 150)	<p>Add after the item no. 6 on Page 151</p> <p>Tentative list of RDSO Drawings is Appended below :</p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Description of Drawings</th> <th>Drawing no. & Location</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Prestressed Concrete Sleeper for 25+ Axle Load for BG</td> <td>RDSO / T – 7008</td> </tr> <tr> <td>2.</td> <td>Rail seat Assembly on concrete sleeper with 60 kg UIC rails.</td> <td>RDSO / T- 7009</td> </tr> <tr> <td>3.</td> <td>ERC MK V</td> <td>RDSO / T- 5919</td> </tr> <tr> <td>4.</td> <td>10 mm thick composite GRSP</td> <td>RDSO /T – 7010</td> </tr> <tr> <td>5.</td> <td>Weldable CMS crossing</td> <td>RDSO /T – 6412</td> </tr> <tr> <td>6.</td> <td>Switch Expansion Joints (SEJs)</td> <td>RDSO / T-6902, (80mm gap) RDSO /T – 6922, (65mm gap) RDSO /T – 4165 (120mm gap)</td> </tr> <tr> <td>7.</td> <td>Fish plates and Fish bolts for UIC 60 rail</td> <td>RDSO /T- 5916</td> </tr> <tr> <td>8.</td> <td>Prestressed concrete sleeper for SEJ for long welded rails, BG 1676 mm, 60kg (UIC)</td> <td>RT- 8224 SEJ</td> </tr> <tr> <td>9.</td> <td>PSC sleeper for BG (1676 mm), 60kg (UIC) running rail & 60kg (UIC) guard rail on Bridge approaches</td> <td>RT – 8229 Bridge approach</td> </tr> <tr> <td>10.</td> <td>PSC guard rail sleeper for 60 kg running rail & 60 kg (UIC) guard rail for BG (1676 mm)</td> <td>RT- 8228 Ballasted Bridge Deck</td> </tr> <tr> <td>11.</td> <td>PSC sleeper for level crossing with 60 kg (UIC) running rail, 52 kg check rail for 25 t axle load BG (1676 mm)</td> <td>RT – 8225 Level Crossing</td> </tr> <tr> <td>12.</td> <td>Rail seat assembly for level crossing on PSC sleeper with 52 kg check rail for BG (1676 mm) 60 kg (UIC)</td> <td>RT- 8226 Level Crossing</td> </tr> <tr> <td>13.</td> <td>CI Bracket for 52kg check rail to be used on PSC sleeper BG (1676 mm) 60 kg (UIC)</td> <td>RT- 8227 Level Crossing</td> </tr> </tbody> </table>	S.No.	Description of Drawings	Drawing no. & Location	1.	Prestressed Concrete Sleeper for 25+ Axle Load for BG	RDSO / T – 7008	2.	Rail seat Assembly on concrete sleeper with 60 kg UIC rails.	RDSO / T- 7009	3.	ERC MK V	RDSO / T- 5919	4.	10 mm thick composite GRSP	RDSO /T – 7010	5.	Weldable CMS crossing	RDSO /T – 6412	6.	Switch Expansion Joints (SEJs)	RDSO / T-6902, (80mm gap) RDSO /T – 6922, (65mm gap) RDSO /T – 4165 (120mm gap)	7.	Fish plates and Fish bolts for UIC 60 rail	RDSO /T- 5916	8.	Prestressed concrete sleeper for SEJ for long welded rails, BG 1676 mm, 60kg (UIC)	RT- 8224 SEJ	9.	PSC sleeper for BG (1676 mm), 60kg (UIC) running rail & 60kg (UIC) guard rail on Bridge approaches	RT – 8229 Bridge approach	10.	PSC guard rail sleeper for 60 kg running rail & 60 kg (UIC) guard rail for BG (1676 mm)	RT- 8228 Ballasted Bridge Deck	11.	PSC sleeper for level crossing with 60 kg (UIC) running rail, 52 kg check rail for 25 t axle load BG (1676 mm)	RT – 8225 Level Crossing	12.	Rail seat assembly for level crossing on PSC sleeper with 52 kg check rail for BG (1676 mm) 60 kg (UIC)	RT- 8226 Level Crossing	13.	CI Bracket for 52kg check rail to be used on PSC sleeper BG (1676 mm) 60 kg (UIC)	RT- 8227 Level Crossing
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14.	Glass filled Nylon- 66 insulating liner for use with ERC mk-V on concrete sleeper (RT – 7008) suitable to 60kg UIC rail for 1676mm gauge	RT- 8222 & RT- 8223 Rail Seat				
30.	Part -2 Volume 4	Clause 4.3.3 (4) (Page 155)	Replace Clause 4.3.3 (4) as under – “ (4) The use of rails with holes shall not be allowed unless specifically permitted by the Engineer. Wherever holes in the rails are made, they shall be suitably hardened for its fatigue improvement by carrying out well established cold rail hole expansion technology. The methodology for the same shall have the prior approval of the Engineer.”			
31.	Part -2 Volume 4	Clause 4.4.5 (2) (Page 157)	In the second line replace “IRS : T-29-20000}” by” IRS : T-29-2000”.			
32.	Part -2 Volume 4	Clause 4.4.5 (3) (Page 157)	Clause 4.4.5 (3) replaced as under :- “ (3) All CMS crossings shall have welded leg extensions of 60 kg (60 UIC) 880 grade rails. This shall be achieved by flash butt welding in the plant of buffer transition rail piece of suitable thickness to CMS crossings and leg extension duly approved by Engineer. This shall have to undergo standard test regime pertaining to this type of welding.”			
33.	Part-2 Volume 4	Clause 4.5.3 (1) (Page 159)	In Item (j) “stree” is replaced by” stress”.			
34.	Part-2 Volume 4	Clause 4.6 (1) (d) (Page 162)	In the 2nd line “RDSO /RT – 6937 / 6939” is replaced by “RDSO /RT – 8222/8223”.			
35.	Part-2	Clause 4.10	Delete Clause 4.10 (2) and replace with the following:			

SN	Reference to		Amendments in the Bidding Documents
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc	
	Volume 4	(2) (Page 163)	"The contractor shall submit, complete design details along with design acceptance tests to the Engineer for prior approval before procuring the same. As a principle there should be no holes in the rails. If required in exceptional cases, the holes shall be suitably hardened for its fatigue improvement by carrying out well established cold rail-hole expansion technology. The equipment and methodology for the same shall be agreed by the Engineer prior to making holes in the rails."
36.	Part-2 Volume 4	Add New Clause 4.11 (Page 164)	<p>After Clause 4.10 add following new clause.</p> <p>4.11 TRACK STRUCTURE AND ROAD SURFACE AT LEVEL CROSSINGS</p> <p>(1) Ballasted track structure will be continued through the level crossing.</p> <p>(2) The concrete sleepers at level crossing will have the same design as provided on their approaches except that the elastic fastening system will be modified to incorporate the guard rails.</p> <p>(3) The level crossing will have a track friendly maintenance free road surface. Road surface may consist of light concrete panels which can be easily removed either manually or with the help of small road cranes, to enable continuous working of track maintenance machine through the level crossing.</p>
37.	Part-2 Volume 4	Annexure 1 Testing regime for welded leg extension of crossing assembly (Page 166 to 172)	Annexure 1 Deleted.

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38.	Part-2 Volume 5	Clause 17.3 (3) (c) (Page 204)	After the Clause add following : "In addition to the land acquired for Right of way, 2 (two) land parcels each measuring 50mx1000 m (50,000 sqm) have been acquired in each lot for setting up construction depot (s). Further at each crossing station land has been acquired for CSR of 1500 m for loop line, however, at present Employer will be laying loop lines with 750 m hence balance land available can be utilised for setting up construction depot/staking of material and other temporary".
39.	Part-2 Volume 5	Clause 17.4.4 (2) (Page 205)	In second line "para 4.11" is replaced by "para 4.10 (2)".
40.	Part-2 Volume 5	Clause 17.4.8 (4) (Page 206)	In the last line" para 4.6.1(j)" is replaced by " para 4.5.1(j)".
41.	Part-2 Volume 5	Clause 17.4.12(1) (Page 207)	In the third line "obtain" is replaced by "obtained".
42.	Part-2 Volume 5	Clause 17.9.3 (3) (Page 209)	Dimensional tolerances as indicated in "c" and "d" are modified as under :- " c) Misalignment: +/- 5mm on 20m chord base. d) Top +2mm to -1mm on 10m chord base."
43.	Part – 2 Volume 6	Appendix 16 Design Standard	1. After the first para add following :- "In case of any contradiction in the various codal provisions, the order of precedence shall be as follows: a) Specific provisions in Part 2 Employer's Requirements. b) IRS codal provisions c) IRC codal provisions

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			<p>d) IS (BIS) codal provisions e) Provisions in other foreign codes. However, in case of road related structures, IRC codal provisions shall prevail over IRS codal provisions.”</p> <p>2. Under Earthworks “f” is replaced as under :- “f) Ministry of Railways guidelines and Specifications Design of Formation for Heavy Axle Load, Report No. RDSO/2007/GE : 0014.”</p> <p>3. Under Earthworks after “i” add the following : “j) Ministry of Railways guidelines for Earthwork in railway Projects, guideline No. GE:G-1.”</p> <p>4. Under Civil Structures add the followings: “aa) MMD of Eastern DFC”</p>
44.	Part-3 Section VIII [Particular Conditions]	Sub-Clause 1.1.3.1 (Page 347)	Add the new Sub-Clause 1.1.3.1 as under: Add “Second Stage” before the word “Tender”
45.	Part-3 Section VIII Particular Conditions	GCC Clause 1.5	Add the following Sub-Clause in the Particular conditions: “Delete Sub-Clause 1.5, of the General Conditions. ”
46.	Part-3 Section VIII [Particular	Sub-Clause 1.9 (Page 347)	In the 4 th line of the second paragraph delete “.” between the words “works” and “and” In the 8 th line of the second paragraph delete “.” Between the words “works” and “under”

SN	Reference to		Amendments in the Bidding Documents
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc	
	Conditions]		
47.	Part-3 Section VIII [Particular Conditions]	Sub-Clause 4.4 (Page 351)	<p>Delete the contents of Sub-Clause 4.4 in the Particular Conditions and replace with the following:</p> <p>Delete first line and substitute with the following:</p> <p>“The contractor shall not subcontract more than 50% of the total Works. In addition to the above, the Works pertaining to supply of rails, sleepers and track fittings shall also be allowed to be subcontracted.”</p>
48.	Part-3 Section VIII Particular [Conditions]	Add new Sub-Clause 4.11	<p>Add the following after Sub-Clause 4.11 [Sufficiency of the Accepted Contract Sum]</p> <p>“Notwithstanding the above the total bid price quoted shall be on a “Delivered Duty Paid” (DDP) basis.</p> <p>DFCC project being funded by the World Bank, qualifies for exemption from payment of custom duty and Excise 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 and Central Excise Notification no . 108/95-C.E Dated 28.08.1995 (read along with all subsequent amendments including the amendment dt.01-03-2008) respectively.</p> <p>Provided the goods brought in to the project are not withdrawn by the supplier or contractor.</p> <p>Under various notifications of the Department of Excise and 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 and Excise duties and / or are eligible for Deemed Export Benefits, provided the said goods are not withdrawn by the supplier or contractor.</p> <p>The certificates required for claiming exemption of customs duty and excise duty and / or for claiming deemed export benefits on goods by the Contractor shall be issued by the Employer. Once such certificates are issued by the Employer, customs duty and / or excise duty will not be reimbursed by the Employer separately. The Contractor shall be solely responsible for obtaining such duty exemptions and / or deemed export benefits,</p>

SN	Reference to		Amendments in the Bidding Documents
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc	
			<p>and in case of failure to avail such benefits for any reasons whatsoever; the Employer shall not reimburse any such duties.</p> <p>The above stated certificate 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 considering the Work Programme [Sub-Clause 8.3 of the Conditions of Contract] and approved methodology.</p> <p>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.</p> <p>The Employer shall issue Central Sale Tax Form 'C' if applicable.</p>
49.	Part-3 Section VIII Particular Conditions	Sub-Clause 4.12 (Page 351)	In the last line of the 1 st paragraph replace the word "site" with "Site"
50.	Part-3 Section VIII Particular Conditions	Sub-Clause 4.25 (Page 352)	Delete the word "be" before "not" in the 2 nd line from top on page 352. Insert words "/ or" between "and" and "beneficial" in the 4 th line of 3 rd paragraph
51.	Part-3 Section VIII Particular Conditions	Sub-Clause 5.1 (Page 352)	Delete "." after the word "works" in 4 th line of 4 th paragraph. Insert "." Between ")" and "Within" in the 5 th line of 3 rd paragraph.
52.	Part-3	GCC Sub-	Add the new Sub-Clause 5.4 as under:

SN	Reference to		Amendments in the Bidding Documents		
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc			
	Section VIII Particular Conditions	Clause 5.4	Replace the words "unless stated otherwise" at the end of second paragraph with 'read conjointly with Appendix 16 of Part-2: Volume 6'.		
53.	Part – 3 Section VIII (Particular Conditions)	Clause 13.2 (Page 356)	<table border="1"> <tr> <td>Sub Clause 13.2 Value engineering</td> <td> <p>After the Clause add the following ;-</p> <p>The value engineering proposal shall not impair the essential character, functions or characteristics or the Work, including service life, economy of operation, ease of maintenance, desired appearance, or design, safety standards would not result in any reduction to the standard, or quality of works, or the performance of the Contractor and his obligations under the Contract.</p> <p>If the proposal of variation as a result of Value Engineering is approved, the reasonable share to be given to the Contractor shall be 30% of the net saving resulted due to Value Engineering.</p> </td> </tr> </table>	Sub Clause 13.2 Value engineering	<p>After the Clause add the following ;-</p> <p>The value engineering proposal shall not impair the essential character, functions or characteristics or the Work, including service life, economy of operation, ease of maintenance, desired appearance, or design, safety standards would not result in any reduction to the standard, or quality of works, or the performance of the Contractor and his obligations under the Contract.</p> <p>If the proposal of variation as a result of Value Engineering is approved, the reasonable share to be given to the Contractor shall be 30% of the net saving resulted due to Value Engineering.</p>
Sub Clause 13.2 Value engineering	<p>After the Clause add the following ;-</p> <p>The value engineering proposal shall not impair the essential character, functions or characteristics or the Work, including service life, economy of operation, ease of maintenance, desired appearance, or design, safety standards would not result in any reduction to the standard, or quality of works, or the performance of the Contractor and his obligations under the Contract.</p> <p>If the proposal of variation as a result of Value Engineering is approved, the reasonable share to be given to the Contractor shall be 30% of the net saving resulted due to Value Engineering.</p>				
54.	Part-3 Section VIII [Particular Conditions]	Sub-Clause 14.3 (Page 360)	Delete the word "and" in the 1 st line of 3 rd paragraph. Replace the word "to" with "by" in the 4 th line of 3 rd paragraph.		
55.	Part-3 Section VIII Particular Conditions Appendix	Sub-Clause 2.1 (Page 365)	Replace the word "site" with "Site" in the 4 th line of 1 st paragraph		

SN	Reference to		Amendments in the Bidding Documents
	Bidding Document (Part/ Volume / Section No. etc)	Paragraph or Clause No. and Page No. etc	
	to Tender		
56.	Part-3 Section VIII Particular Conditions Appendix to Tender	Sub-Clause 13.8 (Page 365)	Delete the word "below" at the end of the sentence
57.	Part-3 Section VIII Appendix to Tender	Sub-Clause 14.2 [Advance Payment] (Page 365)	<p>Delete the contents of Sub-Clause 14.2 [Advance Payment] in the Appendix to Tender and replace with the following:</p> <p>Mobilization Advance</p> <p>The Employer shall pay on written request by the Contractor an interest-free Mobilization Advance up to (Ten) 10 per cent of the Contract Price. The Mobilization Advance shall be released in two instalments as under:</p> <p>(a) Upto (Five) 5 per cent: On Submission of Performance Security and commencement of mobilization process; and</p> <p>(b) Up to (Five) 5 per cent: On Submission of the preliminary designs and details of utilisation of initial Mobilization Advance of 5% to the satisfaction of Engineer.</p> <p>The Advance Payment will be released on submission of unconditional Bank Guarantee for an amount equivalent to the component of the advance payment requested by the Contractor.</p> <p>Such Bank Guarantee can be split up into 6 Guarantees to be released on repayments. Such Bank Guarantee shall remain effective until the advance payment has been repaid pursuant to the provisions of Sub-Clause 14.2 of the General Conditions of Contract, but the amount thereof shall be progressively reduced by the amount repaid by the Contractor as indicated in Interim Payment Certificates issued in accordance with this</p>

SN	Reference to		Amendments in the Bidding Documents			
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc				
			Clause.			
58.	Part-3 Section VIII Appendix to Tender	GCC Sub-Clause 14.5 (c) (i) (Page 366)	<table border="1"> <tr> <td>Plant and Materials intended for the works</td> <td>14.5c (1)</td> <td>1) Rails 2) Sleepers</td> </tr> </table>	Plant and Materials intended for the works	14.5c (1)	1) Rails 2) Sleepers
Plant and Materials intended for the works	14.5c (1)	1) Rails 2) Sleepers				
59.	Part-3 Section VIII Particular Conditions Appendix to Tender	Sub-Clause 14.8 (Page 366)	<p>Delete the Sub-Clause and replace with the following:</p> <p>"These financing charges shall be calculated</p> <p>1. at an annual rate of LIBOR rate +2% for foreign currency; and</p> <p>2. at a flat rate of 8% per annum for Indian currency ; and shall be paid in such currencies."</p>			
60.	Part-3 Section VIII [Appendix to Tender]	Sub-Clause 14.9 (Page 366)	In 5 th line of the paragraph, insert words "after Taking-Over Certificate is issued," between "may," and "at".			
61.	Part-3 Section VIII Annexure-1	2 nd and 3 rd Table on Page 368 and 369 respectively	Replace the word "Government" with "Employer's" in the headings of 2 nd and 3 rd table			
62.	Part-3 Section IX Contract Forms	Contract Agreement Article 1 [Contract Documents]	<p>Article 1. 1.1 <u>Contract Documents</u></p> <p>Contract Documents The following documents shall constitute the Contract between the Employer and the Contractor, and each shall be</p>			

SN	Reference to		Amendments in the Bidding Documents
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc	
			<p>read and construed as an integral part of the Contract:</p> <ul style="list-style-type: none"> (a) This Contract Agreement and the Appendices hereto; (b) Letter of Acceptance; (c) Minutes of meeting of pre-award clarifications / negotiations, if any; (d) Addenda to Bidding Documents, if any (e) Letter of Bid and Price Schedules submitted by the Contractor; (f) Memorandum titled "Changes Require Pursuant to First Stage Evaluation"; (g) Appendix to Tender; (h) Particular Conditions; (i) General Conditions (j) Contractors Financial Proposal; (k) Contractor's Technical Proposal; (l) Employer's Requirements; (m) Information furnished in Part 4 of Bidding document

SN	Reference to		Amendments in the Bidding Documents
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc	
			<p>(n) Concept Design and Drawings;</p> <p>(o) Other completed bidding forms submitted with the Bid; and</p> <p>(p) Any other documents forming part of the Employer's requirements and Bidding documents.</p> <p>In addition to the above the documents listed below shall also form part of the Contract Agreement:</p> <p>(i) Contractor's work schedule as amended and agreed.</p> <p>(ii) Details of Quality Assurance System and Organization</p> <p>(iii) Alternative Designs (If applicable)</p> <p>(iv) Statement of deviations (if applicable)</p> <p>(v) Guarantee/warranty for the system offered by Contractor, subcontractor, Parent Company etc.(as per forms provided)</p> <p>(vi) Any other item as applicable</p> <p>1.2 <u>Priority of Documents</u></p> <p>The documents forming the Contract are to be taken as mutually explanatory of one another. For the purpose of interpretation, the priority of documents shall be in accordance with the order in which the Contract Documents</p>

SN	Reference to		Amendments in the Bidding Documents
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc	
			<p>are listed in Article 1.1 [Contract Documents] above.</p> <p>Further, in case of ambiguities or discrepancies between two or more Clauses of this Agreement, the provisions of a specific Clause relevant to the issue under consideration shall prevail over those in other Clauses.</p> <p>If any ambiguity or discrepancy is found in the documents, the Engineer shall issue any necessary clarification or instruction.</p>
63.	Part-3 Section IX Contract Forms	Form of Performance Security (Page 376)	Replace the word "GC" with "Appendix to Tender" in last line of 6 th paragraph.
64.	Part 4/ 1. Site data- Sectional detail of Slice No.101	Brief sectional details (Page 2 of 18)	Delete the existing table and replace with the table at Annexure "A"
65.	Part 4/ 1. Site data- Sectional detail of	Brief sectional details (Page 2 of 13)	Delete the existing table and replace with the table at Annexure "B"

SN	Reference to		Amendments in the Bidding Documents
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc	
	Slice No.102		
66.	Part 4/ 1. Site data- List of chartered utilities Slice No.101 (Km.1040-1170)	Details of Structure (BPU-ETW Bypass end)	Delete the existing table and replace with the table at Annexure "C"
67.	Part 4/ 1. Site data- List of chartered utilities Slice No.102 (Km.1170-1266)	Details of Structure Slice 102 (1170-1266)	Delete the existing table and replace with the table at Annexure "D"
68.	Part 4/ 1. Site data-	Slice 103 (Km 1266-1366.900)	Delete the existing table and replace with the table at Annexure "E"

SN	Reference to		Amendments in the Bidding Documents																								
	Bidding Document (Part/ Volume / Section No. etc)	Paragraph or Clause No. and Page No. etc																									
	List of chartered utilities Slice No.103 (Km.1266-1367.900)	Details of Civil Structure																									
69.	Part 4/ 1. Site data- Sectional details of Slice No.103 (Km.1266-1367.900)	Details of Bridges (Page 3 of 13)	<p>Delete the existing table and replace with the following table:</p> <table border="1"> <thead> <tr> <th colspan="5">DETAILS OF MAJOR BRIDGES</th> </tr> <tr> <th>SECTION</th> <th>BRIDGE NO.</th> <th>PROPOSED LOCATION</th> <th>SPAN ARRANGEMENT</th> <th>Water Way (m)</th> </tr> </thead> <tbody> <tr> <td rowspan="2">TUNDLA BY PASS END TO KHURJA</td> <td>162A</td> <td>1350/546.720</td> <td>5x12.2m</td> <td>61.0</td> </tr> <tr> <td>171</td> <td>1364/301.435</td> <td>2x12.2m</td> <td>24.4</td> </tr> <tr> <td>Total Bridges</td> <td>2</td> <td>Waterway</td> <td></td> <td>85.4</td> </tr> </tbody> </table>	DETAILS OF MAJOR BRIDGES					SECTION	BRIDGE NO.	PROPOSED LOCATION	SPAN ARRANGEMENT	Water Way (m)	TUNDLA BY PASS END TO KHURJA	162A	1350/546.720	5x12.2m	61.0	171	1364/301.435	2x12.2m	24.4	Total Bridges	2	Waterway		85.4
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Total Bridges	2	Waterway		85.4																							
70.	Part 4/ 1. Site	Construction of PRC	Delete the existing GAD of Bridge No.160A. Any reference "Bridge No. 160A" in the bidding document shall be																								

SN	Reference to		Amendments in the Bidding Documents															
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc																
	data-Major Bridge, RFO & Major RUB GADs Slice 103	Girder Bridge on 1X20.75m at RLY Km 1347/25-27 - 1X76m girder	treated as deleted.															
71.	Part 4/ 1. Site data	Add new sub- clause	5. GPS Co-ordinates of centre line of Right of Way on detours for Bhaupur- Khurja section.															
72.	Part 4/ 1. Site data	Add new sub- clause	MMD of Eastern DFC included as Annexure															
73.	Part -1 Section-IV Bidding Forms	Price Schedule 2.0 (Page 086)	Price Schedule 2.0, table modified as under : <table border="1" data-bbox="611 948 1650 1312"> <thead> <tr> <th>S N</th> <th>Cost Center</th> <th>Percentage of Contract Price</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>(2)</td> <td>(3)</td> </tr> <tr> <td>1</td> <td>Survey, investigation, Design, Setting out and As Built drawings</td> <td>1.0</td> </tr> <tr> <td>2</td> <td>Earthwork</td> <td>32.0</td> </tr> <tr> <td>3</td> <td>Bridges (Minor)</td> <td>11.0</td> </tr> </tbody> </table>	S N	Cost Center	Percentage of Contract Price	(1)	(2)	(3)	1	Survey, investigation, Design, Setting out and As Built drawings	1.0	2	Earthwork	32.0	3	Bridges (Minor)	11.0
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SN	Reference to		Amendments in the Bidding Documents			
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc				
			4	Bridges (Major)	6.0	
			5	Track Works	41.0	
			6	Other Engineering Works	6.0	
			7	Integrated Testing & Commissioning and Inventory supply	3.0	
			Total		100%	
74.	Part -1 Section-IV Bidding Forms	Price Schedule 2.2 (Page 088)	In 5 th Column cost percentage modified as "32%".			
75	Part -1 Section-IV Bidding Forms	Price Schedule 2.3 (Page 089)	In 5 th Column cost percentage modified as "11%".			
76	Part -1 Section-IV Bidding	Price Schedule 2.4	In 5 th Column cost percentage modified as "6%".			

SN	Reference to		Amendments in the Bidding Documents																				
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc																					
	Forms	(Page 090)																					
77	Part -1 Section-IV Bidding Forms	Price Schedule 2.5 (Page 091 & 092)	In 5 th Column cost percentage modified as "41%". Under Item No. 6 of Table column 3 - "45 km/h" is replaced by "the temporary use by the employer or by employer's other contractor for construction and / or for running of material trains /tower wagons / rail cum road vehicle etc. "																				
78	Part -1 Section-IV Bidding Forms	Price Schedule 2.6 (Page 093)	Table replaced as under : <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Cost Centre</th> <th>Item of Work</th> <th>Stage Payment</th> <th>Weightage</th> <th>Cost</th> <th>Payment Procedure</th> </tr> </thead> <tbody> <tr> <td rowspan="3" style="text-align: center;">Other Engineering Works</td> <td>Platforms</td> <td>On completion of each platform at locations as per the Employer's Requirement.</td> <td style="text-align: center;">6%</td> <td rowspan="3" style="text-align: center; vertical-align: middle;">6 % of the Contract Price</td> <td>Unit of measurement is square metres.</td> </tr> <tr> <td>Fencing</td> <td>On completion of fencing works at stations and other locations as per the Employer's Requirement.</td> <td style="text-align: center;">12%</td> <td>Unit of measurement is linear length along alignment. Payment will be made on prorata completion of linear length as per weightage given n this Schedule.</td> </tr> <tr> <td>Level Crossing</td> <td>On completion of level crossing at stations and other</td> <td style="text-align: center;">18%</td> <td>Unit of measurement is no. of level crossings.</td> </tr> </tbody> </table>	Cost Centre	Item of Work	Stage Payment	Weightage	Cost	Payment Procedure	Other Engineering Works	Platforms	On completion of each platform at locations as per the Employer's Requirement.	6%	6 % of the Contract Price	Unit of measurement is square metres.	Fencing	On completion of fencing works at stations and other locations as per the Employer's Requirement.	12%	Unit of measurement is linear length along alignment. Payment will be made on prorata completion of linear length as per weightage given n this Schedule.	Level Crossing	On completion of level crossing at stations and other	18%	Unit of measurement is no. of level crossings.
Cost Centre	Item of Work	Stage Payment	Weightage	Cost	Payment Procedure																		
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SN	Reference to		Amendments in the Bidding Documents					
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc						
				Gates	locations as per the Employer's Requirement.			Payment of each stage will be made on prorata completion of no. of level crossings subject to weightage given in this Schedule.
				Foot Over Bridges	On completion of Foot Over Bridges at stations and other locations as per the Employer's Requirement.	22%		Unit of measurement is number and payment shall be regulated as per note below.
				Miscellaneous Works	Removal of chartered utilities as mentioned in Bidding Document.	42%		Unit of measurement is linear length along the alignment.
			Total:			100%		
79	Part -1 Section-IV Bidding Forms	Price Schedule 2.7 (Page 094)	In 5 th Column cost percentage modified as "3%".					
80	Part – 2 Volume 6 Appendix 1 Utilities	Para 1.2 (7) (Page 225)	"Unchartered" is replaced by "chartered /unchartered".					

SN	Reference to		Amendments in the Bidding Documents						
	Bidding Document (Part/ Volume / Section No. etc	Paragraph or Clause No. and Page No. etc							
81	Part – 1 Section –IV Bidding Forms	Form –LOB- FS (Page 058)	After the subject “Technical proposal for contract package (s) : Lot..... [Insert Number(s) of Lot(s) covered by the Proposal Letter]” is replaced by “Technical proposal for contract package : Lot Number [Separate Proposal Letter for each Lot should be submitted along with technical proposal for the same.]”						
82	Part -1, Section II, Bid Data Sheet	ITB 19.1 (Page 042)	The deadline for submission of first stage technical proposal is now extended and fixed as follows : Date : 30.03.2012 Time : 15.00 Hrs.						
83	Part -1, Section II, Bid Data Sheet	ITB 21.1 (Page 042)	The opening of first stage technical proposal shall take place on Date : 30.03.2012 Time : 15.30 Hrs						
84	Part -4, Reference Document	Reference Documents 3	<p>DFCC – Social Impact Assessment Report Para 6.58 of Final Resettlement Action Plan for Bhaupur – Khurja Section and Resettlement Action Plan for Kaurara Chamrola Section (Tundla Re-alignment) is modified as under :</p> <p>6.58 : Total stretch of the entire section of the contract package free of encumbrances will be made available as per provision of GC Sub Clause 2.1 of Appendix to Tender which is reproduced below :</p> <p>The employer shall give right to Access to site to the Contractor as per the following schedule subject to the Contractor providing Performance Security in terms of Sub Clause 4.2 of General Conditions of Contract. Initially possession of Site for work will be handed -over to the contractor in continuous stretches of at least 10 kms. Thereafter Employer shall make efforts to handover access in chunks of at least 5 kms length in isolated locations or minimum 1.0 km in stretches in continuation to the previously possessed stretch.</p> <table border="1"> <thead> <tr> <th>SN</th> <th>Period after Commencement Date in days</th> <th>Cumulative percentage of land to be handed over for work with respect to total length</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>28</td> <td>80%</td> </tr> </tbody> </table>	SN	Period after Commencement Date in days	Cumulative percentage of land to be handed over for work with respect to total length	1	28	80%
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85	Part -1 Section IV Bidding Forms	Form POA – 1 (Page 068-069)	The form has been revised. Please use the new Form POA-1, attached as Annexure.														
86	Part -3 Section VIII, Appendix to Tender	Annexure 1 (Page 368-369)	<p>Clause 2 and 3 modified as follows :</p> <p>“ 2 Values for "Ln", "Cn", "Sn", "Fn", "Mn" and "Rn" shall be taken as follows:</p> <table border="1"> <thead> <tr> <th>Term</th> <th>If procured from Employer's Country</th> <th>If procured from outside Employer's Country</th> </tr> </thead> <tbody> <tr> <td>"Ln",</td> <td>The All India Consumer Price Index for Industrial Workers as published by the Labour Bureau, Ministry of Labour, Government of India.</td> <td>The index as provided by the bidder in the price schedule 1.</td> </tr> <tr> <td>"Cn"</td> <td>The Wholesale Price Index for Cement(Grey Cement –code : 1309030001) as published by Economic Advisor, Ministry of Commerce Government of India.</td> <td>The index as provided by the bidder in the price schedule 1.</td> </tr> <tr> <td>"Sn"</td> <td>The Wholesale Price Index for steel (Rebars – code : 1310010201) as published by Economic Advisor, Ministry of Commerce Government of India.</td> <td>The index as provided by the bidder in the price schedule 1.</td> </tr> </tbody> </table>			Term	If procured from Employer's Country	If procured from outside Employer's Country	"Ln",	The All India Consumer Price Index for Industrial Workers as published by the Labour Bureau, Ministry of Labour, Government of India.	The index as provided by the bidder in the price schedule 1.	"Cn"	The Wholesale Price Index for Cement(Grey Cement –code : 1309030001) as published by Economic Advisor, Ministry of Commerce Government of India.	The index as provided by the bidder in the price schedule 1.	"Sn"	The Wholesale Price Index for steel (Rebars – code : 1310010201) as published by Economic Advisor, Ministry of Commerce Government of India.	The index as provided by the bidder in the price schedule 1.
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			"Fo"	The Wholesale Price Index for Machinery and Machine Tools – Code : 1311000000 as published by Economic Advisor, Ministry of Commerce Government of India on the Base Date.	The index as provided by the bidder in the price schedule 1.
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