

CLARIFICATION TO PREBID QUERIES

Design and Construction of Important Bridge across river Sone (approximate length 3.06 Kms), its approaches (on both sides) and other miscellaneous works for double track electrified railway line on Design Build Lump Sum Basis between Sonnagar (Rly.Km.549) and Dehri-on-Sone (Rly.Km.554) Railway Stations on Mughalsarai-Sonnagar Section of Eastern Dedicated Freight Corridor.

IFB No: HQ/EN/EC/DB/Sone Bridge Date: 23.04.2013

Bid Document No. HQ/EN/EC/DB/Sone Bridge dated 23.4.2013

Query of Bidder	Clarification of DFCCIL
1. Are we permitted to have an independent span arrangement for the entire/ part bridge?	Please refer Clause 3.1 page-107, Section-V, Volume-3. Provisions of Bid document shall prevail.
2. Best to our knowledge Railway Authorities require composite Steel girders for span beyond 24mts. The Bid drawings shows PSC Box Girders for a Span of about 30mt. Shall this be acceptable?	Please refer Clause 3(d) page-92, Section-V, Volume-2. Provisions of Bid document shall prevail.
3. The Bid refers to Well Foundations – Are we permitted to have an independent different nature of foundation arrangement for the entire/ part bridge?	Please refer Clause 3.1 page-107, Section-V, Volume-3. Provisions of Bid document shall prevail.
4. Please clarify that the sub-contractor nominated for designing during prequalification could be changed as the sub-contractor was nominated before 6 months and now he seems to be busy with other works.	Please refer to SN. 1 of Amendment/ Corrigendum No. 1 dated 22.10.2012 of PQ Document.
5. Contractor's Operations outside Right of Way (RoW) Appendix 1, Cl. No. 3.1 The Contractor shall be solely responsible for acquiring the additional land (land in addition to the Site within ROW) required by him for his Temporary Works areas outside the ROW, at his own expenses, including maintaining and reinstating the same on completion of the Works to the entire satisfaction of the land owner and the Engineer Query : The Employer shall reimburse the cost of any temporary facility outside the site required for the purpose of works	Not Agreed. Please refer clause 3.1 Appendix 1 Vol. 7.
6. Access to the Site Appendix 11, 1.2 The Contractor shall make its own arrangements, subject to the consent of the Engineer, for access required to the Site. The Contractor shall negotiate with the land owners or other appropriate government agencies to seek temporary occupation of land and seeking necessary permission for construction of temporary access roads. Query : For any access routes required by the Contractor for the work at site, any charges payable should be reimbursed by the Client	Not Agreed. Provisions of Bid Document shall prevail.

7	<p>Possession Management, Appendix 14, 2.1(a) For each particular possession and depending on the duration and the location of the possession, alternative route / mode of transport if required, and where provided this alternative route / mode of transport will be at the Contractor's cost.</p> <p>Query: If the Contractor pays for any alternative route or mode of transport, the same should be reimbursable by the Client.</p>	<p>.</p> <p>Not Agreed. Provisions of Bid Document shall prevail.</p>
8	<p>Cl.6.9.8 Tilts and Shifts (2) Remedial measures to be undertaken. In case of wells if the permissible limit(s) of tilt and shift are exceeded, remedial measures approved by Engineer shall be taken by the Contractor to bring the tilt(s) and or shift(s) within these permissible limits and all expenditures involved in this shall be borne by the Contractor and nothing extra shall be paid towards such measures.</p> <p>Query: Any additional work to be done by the Contractor should be reimbursed by the Employer</p>	<p>.</p> <p>Not Agreed. Provisions of Bid Document shall prevail.</p>
9	<p>Defects Notification Period 1.1.3.7 Defect Notification Period for the Works shall be two years from the date of Taking Over of the Works (Sub-clause 10.1) and issue of Taking-Over Certificate by the Engineer.</p> <p>Query: Request to change the defects notification period to 1 year from taking over certificate</p>	<p>Not Agreed. Provisions of Bid Document shall prevail.</p>
10	<p>Borrow Areas And Quarry, Appendix 6, 3.3(1) It shall be the responsibility of the Contractor to arrange for the borrow areas (for fill material) and quarry sites (for aggregates and rock material) using his own resources and at his own cost.</p> <p>Query: The Employer shall give suitable assistance to the Contractor in identifying the borrow areas and quarry sites.</p>	<p>Not Agreed. Provisions of Bid Document shall prevail.</p>
11	<p>Appendix 6,1.2 The Temporary Facilities including, but not limited to, offices, warehouses, fabrication yard and material stock areas as well as the Temporary Utility Services including, but not limited to, power, lighting, water and communication shall be provided, equipped, and maintained in good conditions until the issue of Taking-Over Certificate.</p> <p>Query: Request the client to provide water and power at a single point, for the work at Site.</p>	<p>Not Agreed. Provisions of Bid Document shall prevail.</p>

12	<p>Borrow Areas And Quarry, Appendix 6, 3.3 (7) The Contractor shall indemnify the Employer against all claims in relation to the borrow areas and quarry sites during and after the Works are completed.</p> <p>Query: The Employer shall also indemnify the Contractor.</p>	Not Agreed. Provisions of Bid Document shall prevail.
13	<p>Employers Camp, Appendix 6, 3.8(2) Contractor's Employee's Camp may be located at the land available within the ROW, . If any additional area is required by the Contractor for the purpose, the same shall have to be arranged by the Contractor at his own cost.</p> <p>Query: Any additional land required by the Contractor for setting up the Employer's camp should be reimbursed by the Employer</p>	Not Agreed. Provisions of Bid Document shall prevail.
14	<p>Electricity and Water Supply Appendix 6, 6.1 Power and potable water supply systems for the Employer and Engineer's site offices (Provisional Site Offices, Engineer's Site Offices) shall be installed and made operational within the specified period of construction as mentioned above in respect of the respective site offices. The Contractor shall maintain and provide continuous and adequate supplies unless otherwise authorized by the Engineer.</p> <p>Query: Request the Employer to provide free electricity and water supply at a single point</p>	Not Agreed. Provisions of Bid Document shall prevail.
15	<p>Appendix 7, 2.14 If the Contractor suffers delay by reason of failure caused by any Other Contractor/ Interfacing Parties to meet the specified installation interfacing, co-ordination, and/or completion dates resulting in delay beyond the extent which could be reasonably foreseen by an experienced contractor at the time when the Coordinated Construction Programme is formulated and consented by the Engineer, then the Engineer shall take such delay into account in determining any extension of time to which the Contractor is entitled under the Contract.</p> <p>Query: For any such delay caused due to failure of the interfacing contractors, the Contractor along with suitable extension of time should also be reimbursed by the Employer accordingly.</p>	Not Agreed. Provisions of Bid Document shall prevail.
16	<p>ITB: 16.1: Section -III (Bid Data Sheet) As per provision of Tender, the EMD calls for Rs. 5 Crore of which Rs. 2 Crore in FDR and Rs. 3 Crore in BG. It is</p> <p>Query: As per provision of Tender, the EMD calls for Rs. 5</p>	Not Agreed. Provisions of Bid

	<p>Crore of which Rs. 2 Crore in FDR and Rs. 3 Crore in BG. For submission of EMD, it is requested to convert the FDR of Rs. 2 Crore into BG.</p>	Document shall prevail.
17	<p>General As per our site visit conducted, we could find presently of Bridge under construction which being under pile foundation. Hence, kindly clarify that whether the present work can also be design for pile foundation?</p>	Please refer Clause 3. Page 92. Provisions of Bid Document shall prevail.
18	<p>General As per scope of work we will have to install the trolley along the alignments. Kindly clarify at what intervals the trolleys should be installed.</p>	Please refer clause 9.6 page 232 Section V part 2 Vol. 6 Specification of Bid Document.
19	<p>As per the RFP document, the type of foundation is mentioned as well foundation and the Super-structure is of RCC Box girders. We request you to please confirm whether we can change the Type of foundation and Super structure.</p>	Please refer Clause 3.1 page-107, Section-V, Volume-3. Provisions of Bid document shall prevail.
20.	<p>Clause No. ITB 16.1, The Bid Security of Rs.5.00 cr. (Rs. Five crores only) is required to be submitted in following form: FDR/Demand Draft/Banker's Cheque from nationalized /Indian Scheduled Commercial Bank for Rs. 2 cr. and Bank Guarantee as per format enclosed in BDF-9A from Nationalized/ Indian Scheduled Commercial bank for Rs. 3 cr. in favour of DFCCIL, New Delhi.</p> <p>As per standard practices followed by other Govt. Departments, bid security is generally payable in the form of bank Guarantee so that money is not blocked and cash flow is not affected. Relevant pages related to DMRC, CMRL, RVNL Tenders are enclosed for your reference which can be verified at your end.</p> <p>Query: We request you to modify the requirement of FDR/DD/Banker's Cheque and accept the entire bid security of Rs. 5 crores in the form of Bank Guarantee.</p>	Not Agreed. Provisions of Bid Document shall prevail.
21	<p>Deadline for Submission Invitation for Bid Given the magnitude of work, the bidder requests the Employer to extend the Deadline for Submission of bids of the referred tender by at least one month beyond the stipulated date of 14th June,2013 i.e. upto 14* July,2013, since this bid entails a detailed and in-depth study of the same followed by preliminary design and other sizeable pretender works including but not limited to detailing of pricing in addition to coordination with various agencies and suppliers to facilitate preparation of a competitive bid for this proposed work. Please confirm.</p>	Please refer Amendment /corrigendum No.2.
22	Clarification of Tender Documents	Not agreed.

	<p>Part-1.Sec-I.ITB- 6.5-Page15 Considering the time required to study the voluminous document, co ordination with various agencies as such a reasonable lead time is required by the specialized vendors to raise their respective queries against their respective scope of works and several technical issues come across during design, the bidder requests the Employer to amend the provision in the tender document and allow submission of requests for clarification to the Employer upto 14 (Fourteen) Days prior to the deadline for submission of Tender. The Employer is requested to send reply to the bidders queries 7 days prior to date of Bid submission. For easier communications bidder requests Employer to furnish email ID for Electronic Transmission of documents. Please confirm.</p>	
23.	<p>Design/ Drawing Arrangement Part-2,Sec-V, Volume-3 Design Please confirm whether the contractor has liberty to change or modify the concept as shown in the Tender drawing and adopt their own design for sub-structure & super-structures. The Bidder seeks clarification from the Employer whether Design/Drawing Arrangement can be changed as follows: 1)Type of Foundation has been mentioned as Well foundation. Whether the Contractor can revise or modify the type of Foundation. Whether well can be replaced by Bored Cast in situ/Steel pile 2) Span arrangement can be changed 3) Whether PSC Box Girder can be replaced by segmental girder arrangement. Please clarify.</p>	<p>Please refer clause 3.1 page-107, Section-V, Volume-3. Provisions of Bid document shall prevail.</p>
24.	<p>Equipment Part-1, Sec-III, Evaluation and Qualification Criteria, Cl.2.3 In the document the minimum equipment list shows that Pneumatic Sinking Equipments should be included in the proposal. But the furnished soil report does not indicate presence of rock underneath. Bidder seeks deletion of the Pneumatic Sinking Equipments from the list. Please confirm.</p>	<p>The Geotechnical investigation report provided in the reference document is indicative. Please refer Clause 3.2 of Section- V Volume-6 of Bid document at Page-155. The provisions of bid document shall prevail.</p>
25.	<p>Format of Power of Attorney Part-1,Sec-IV, Bidding Forms; BDF 7 and BDF 8 Please provide a Format of Power of Attorney for those single entity Bidders without having any Joint Venture. Please confirm.</p>	<p>For single entity Power of Attorney as per Form BDF-7 with suitable modification, duly executed by the person authorized to do so on behalf of the firm will be applicable.</p>

26.	Floating Craft movement Please confirm whether there is any restriction on Floating Craft movement in river.	Quarry raised is not clear, hence could not be replied. If required the bidder may collect the information from relevant authorities.
27.	Scope of Work From the Key Plan and Alignment Drawing, Bidder understands that, the scope of Work under this contract is limited to construction of Bridge of 3.260 Km (from Ch. 550.245 To Ch.553.305) including approach of 100m length in either side. Please confirm.	Please refer Clause 3(b) page-92 Section-V, Volume-2, the scope of work is amply clear.
28.	Structural Arrangement Bidder understands that the structural arrangement of the proposed bridge shown in the drawing is conceptual and bidder has the liberty to change the same as per their own design. Please confirm	Please refer clause 5.2 of Vol. I Section V Page 63 and clause 3.1 Vol. III Sec. V, page 107 of Bid Document.
29.	Estimated Project Cost How much is the Estimated Project Cost with year of estimation? Please confirm	The scope of the work is design and construction of the work hence the cost has to be assessed by the Bidder based on the provisions of the Bid document.
30.	Agencies Kindly provide the name of agencies engaged as Legal, Technical & Financial advisors by the Employer / Authority.	Project Management Consultancy is yet to be appointed for this work.
31.	Alignment of the Sone Bridge : Please confirm whether the alignment of the Sone Bridge is final or any change may come in future.	Pl. refer Clause 1.2 of page 57 & 5.2 of page 63. Provisions of Bid Document shall prevail.
32.	Alignment of Approach on either end of Bridge In the Key plan and Alignment drawings the approach length on either side of the Sone Bridge under scope of work is shown as 100m. How the geometric design including vertical profile of the approaches, will be designed or coordinated with the remaining stretch of the approaches? Please clarify.	Top of formation level shall be same as top to deck of the Bridge for 50m length on both sides of Bridge adjacent to abutment. For balance 50m the formation slope shall be designed as per direction of Engineer.
33.	Approach Whether the said 100m approach length can be constructed with normal side slope or Reinforced Earth wall/ RCC Retaining Wall. Please confirm.	Please refer Amendment /corrigendum No.2.
34.	Utilities Please provide us the drawings for any utilities required to be shifted under scope of work. Please clarify.	Chartered utilities within the ROW (Right of Way) are nil. Unchartered utilities if any will be dealt as per clause 3 Page 331 Appendix 11, Section V, Vol. 7.

35.	<p>Launching Girder Is there any restriction or guideline for using the Launching Girder for the superstructure erection? Please clarify.</p>	<p>No. However, provisions of Bid document shall prevail.</p>
36.	<p>Approval of General Arrangement Drawing Is there any requirement to take the approval of the GAD of Sone Bridge as designed by the contractor from other authorities except DFCC? Please clarify.</p>	<p>Please refer clause 1.6 page 90 of Volume-2 Section V. Provisions of Bid Document shall prevail.</p>
37.	<p>Soil Investigation Please confirm whether the detail soil investigation to be done at each pier & abutment location.</p>	<p>Please refer to Clause 15.6 Vol. 1, Section V. Provisions of Bid Document shall prevail.</p>
38.	<p>Land Acquisition Whether all land acquisition is over? Please provide us the status of Land Acquisition. Please confirm.</p>	<p>Please refer clause 2.1 of Appendix to Tender (Page 366) regarding Right to Access to site.</p>
39.	<p>Aesthetics Please provide us any reference or guideline for the Aesthetics of the bridge, if required. Please clarify.</p>	<p>Please refer to Clause 10 Page 100 Section V, Vol. 2. Provisions of Bid Document shall prevail.</p>
40.	<p>Completion Period The completion period mentioned in RFP is 1216 days. Whether any bonus clause is applicable if the contractor is able to complete before 1216 days. Please clarify.</p>	<p>There is no bonus clause for the completion of the work before completion period.</p>
41	<p>Work Area for Contractors Bidder requests Employer to finalise and show the contractor's work area on drawing at both end of the bridge. The area should be handed over to the contractor on award of work, free of all charges. Please Confirm.</p>	<p>Please refer clause 3.2 Appendix 6 Page 290. Provisions of the Bid document shall prevail.</p>
42	<p>Pile / open foundation Clause 3.1 (2) Page No 107 Please specify whether, pile / open foundation can be provided based on soil profile.</p>	<p>Please refer Clause 3.1 page-107, Volume-3, Section-V,. Provisions of Bid document shall prevail.</p>
43.	<p>Condition of Exposure : Clause 14.8.2 (j) and (n) Page No. 124. Please specify the condition of exposure to be considered for the design.</p>	<p>Please refer Amendment /corrigendum No.2.</p>
44	<p>LWR/CWR Forces : Clause 14.10 Page NO. 128 : Please specify whether other type of bearings, elastomeric bearing, POT / PTFE bearings can be provided.</p>	<p>Please refer Clause 14.10 Page 128. Provisions of Bid Document shall prevail</p>
	<p>Cl. 14.9.3 (1) (i) reads as, "(i) LWR/CWR Forces due to continuation of LWR/CWR Forces due to continuation of LWR/CWR shall be as per provisions of UIC 774-3R Oct., 2001 edition with latest modification (if any) with provision of values for track resistance as specified therein subject to the provision that a track</p>	<p>Pl. Refer Clause 14.9.3 Page 127. Provisions of Bid Document shall prevail.</p>

	<p>resistance of 60KN/m in loaded conditions shall be taken."</p> <p>In respect of LWR/CWR forces, IRS Bridge rule Cl.2.8.2.4.3 reads as below.</p> <p>"2.8.2.4.3 Forces due to continuation of LWR/CWR - Till such time the forces due to continuation of LWR/CWR on bridges on Indian conditions are finalized, provisions of UIC 774-3R October 2001 edition with modifications should be used with the provisions of values for the track resistance as specified therein subject to the provision that a track resistance of 60 kN/m in loaded condition shall be taken provisionally till field observations in Indian condition are finalized by RDSO. Accordingly, forces are to be worked out for design of the bridges (abeyance till further order)."</p> <p>Please clarify the applicability of the LWR forces for ballasted track. If LWR/CWR forces are to be considered please specify the magnitude of the forces to be considered per track for different span/support conditions of the superstructure.</p>	
45	Can we deviate from the Employer's concept design by keeping the pier positions unaltered?	Please refer to reply at Query No. 1.
46	Shall we be provided with the latest IRS Codes and their updated Correction Slips at the time of start of Contract?	Please refer Clause 13.2 of Vol. 2, Section V Page 101.
47	Is there any reconsideration for change in Mile stones specified?	No.
48	Any land available with DFCC for casting yard & office establishments?	Please refer to reply to query No. 5.
49	Can pile foundation be adopted in place of Well foundations?	Please refer clause 3 Page 92 of scope of work.
50	Can the well cap levels be changed & also clarify its effect on cost / price.	Please refer Amendment /corrigendum No.2.
51	Is it mandatory to propose water filling? Can the total well be filled with sand?	Please refer clause 5.2 Page 63. General Arrangement Drawing are indicative. Filling of the well can be done as per codal provisions.
52	Is the corrosive treatment mandatory for abutment structure? Is it required even for piers also? If so what type of treatment is required?	Coating for concrete and reinforcement shall be as per IRS Concrete Bridge Code for moderate exposure condition.
53	Any consideration for release of interim payment before completion of activity based on payment schedule i.e. any possibility for split up of stage payment activity	Payment shall be made as specified in Price Schedule.
54	It is very difficult to work out LWR forces based on given code EN 773/R-1, Whether any value finalized?	No value has been finalised. Provisions of Bid Document shall prevail.
55	ITB 21.1 Page 27 of 387 part1 of 4 We will request you to please extend the submission deadline upto 14th July i.e. 1 month	Please refer Amendment /corrigendum No.2.

56	Article 3.2 Time schedule of completion Page 31 of 387 Duration of project completion is 1216 days as mentioned in documents , we will request to extend it to 1400 days in order for effective execution .	Not Agreed. Provisions of Bid Document shall prevail.
57	ITB 16.1 Page 27 of 387 part1 of 4 The Bidder should submit along with the bid, a bid security for Rs.5.00 crore (Rupees Five Crore only) in the following form : i) FDR/Demand Draft/Banker's Cheque from Nationalized/ Indian Scheduled Commercial Bank for Rs.2 crores and ii) Bank Guarantee as per format enclosed in BDF-9A from Nationalized/Indian Scheduled Commercial Bank for Rs.3 crores. Request to accept Bid security in Bank Guarantee form as it will not block direct cash flow of contractor.	Please refer to reply to query No. 16.
58	Page 356/387 of Part 1 to 4 The Permanent Works of entire geographical jurisdiction shall be completed in stages as under: 1. Completion of : 1a) 60% of Well foundations including well cap– 730 days. (Milestone 1a) 1b) Completing casting of 40% of Sub-structure including pier/abutment cap. (bed block) – 730 days. (Milestone 1b) 1c) 30% of PSC Box girders including casting and launching – 730 days. (Milestone 1c) 2. Completion of all works by the Contractor and taking over of the works by the Employer - 1216 days. Milestone 2). Query : As the site investigations & Design reviews and finalization may take about 4 months, we request for the change of Milestone - 1: Completion from 730 days to 850 days.	Not Agreed. Provisions of Bid Document shall prevail.
59	Page 200/387 of Part 1 to 4 Shift during sinking. The bottom of well cal shall be kept above LWL as per relevant codes .The top of well cap shall not be above top of existing bridge pile cap. At many Pier locations, the Ground Levels are at Higher Level. In that case, the Well Cap bottom can be fixed separately without the consideration of LWL.	Please refer Amendment /corrigendum No.2.
60	Page 11 of 15 ,price schedule B-2 Stage payment - Sinking and seating of well completely Weightage - 45% Cost - 45% of contract amount As the sinking activity is time taking activity, payment can be made on pro ratio basis of Sinking done.	Not Agreed. Provisions of Bid Document shall prevail.
61.	Query for launching of girder	Refer clause 7.19.1 Page 210

	To start end on launching operation of girders from either abutment at least 15/20 spans are required continuously. Assuming some intermittent wells are struck due to excess tilt/shift or delay in-situ option to cast Box girder also should be available.	Vol. 6. Provisions of Bid Document shall prevail.
62.	Query for use of completed deck slab Precast yard over the completed deck slab also should be allowed where required to expedite launching. This practice was followed at some of the major Rly projects as well as in Kolkata Metro.	Refer clause 7.19.1 Page 210 Vol. 6. Provisions of Bid Document shall prevail.
63	Section – II BDS 26 of 387 – Form of Bid Security The total Bid Security of Rs. 5 cr. may please be considered in form of Bank Guarantee of Scheduled Nationalised Bank.	Please refer reply to query No. 16.
64	Section VII PCC – 366 of 387 Mobilisation Advance paid to may please be paid interest Free.	Provisions of Bid Document shall prevail.
65	Section V 240 of 387 Land Acquisition For Temporary Land Acquisition the amount paid in form rent to the rightful owners may please be compensated to the contractor.	Provisions of Bid Document shall prevail.
66	General – Bonus : Bonus of early completion of works, say six months prior may please be paid at 2% of the contract price.	Please refer reply to query No. 40.
67	General – Defect Liability period The defect Liability period may please be made to 1 (one) year, instead of 2 years.	Not Agreed. Provisions of Bid Document shall prevail.
68	General – Escalation Bidder requests that Escalation for cement and steel shall be paid as per actual purchase rate minus basic rate.	Not Agreed. Provisions of Bid Document shall prevail.
69	General – Dumping Areas Please provide details of dumping areas to be allotted to the contractor.	Please refer to Clause 3 of Appendix 6 Vol. 6, Sec. V Page 290-291. Provisions of Bid Document shall prevail.
70	General – Utility shifting While excavation, there are chance of damage of underground utility, request to provide us the details of public and private utilities that are present in the service area and require relocation.	Please refer reply to Query No. 34.
71	General – Clearance Is the environmental clearance and forest clearance is required for this project. If yes, whether it is acquired or what is the status.	Please refer clause 10.2 Vol. 6 Section V Page 239.
72.	General – Extension for Bid Submission As the work involves detailed study and design of structure bidder request to extend bid submission date by at least one month i.e. upto 14.7.2013.	Please refer Amendment /corrigendum No.2.

73	General - Approval Procedure of Design and Drawing Is there any involvement of Third party Proof Checking? If it is so, who is supposed to bear the cost?	Please refer Amendment /corrigendum No.2.
74	General - Loading criteria DFCC Corridor (on bridge) what will be loading Criteria of DFCC towards Bridge design?	Query is not clear. However for loading standard for DFCC please refer Employers' Requirement.
75	Software to be given to client C112.1 (1), with all manuals and licenses CI 12.2 Handover of Analysis software Is it essential to handover analysis software to client? If so, please confirm.	The query is not clear. Please refer clause 12 Page 66 Vol. 1, Sec. V Provisions of Bid Document shall prevail.
76	General - Soft copy of survey map Bidder assumes that soft copy of survey map will be available from client. Please confirm bidder understanding.	Available data has been provided in 'Reference Document' Part – 4.
77	Design criteria - Variation in soil data and consequent change in design It is understood and presume that major variation in soil data obtained from confirmatory boring and data presented in tender document may cause design change in foundation. Bidder understands that ,in that case client will reimburse the same. Please confirm bidder understanding.	Please refer clause 3.2 of Section V, Vol. 6 of Bid Document at Page 155. Geotech investigation data provided is indicative. Also refer sub-clause 4.12 of PCC page 354, as per which the contract price shall not be adjusted to take account of any unforeseen physical conditions.
78	General - Submission of spread sheets of design Bidder understands that submission of spread sheets in PDF Format is acceptable. Please confirm bidders understanding.	Provisions of Bid document shall prevail.
79	Ref: Tender drawing Span arrangement, Type of structure etc Bidder understands that being the project as on Design Build basis, it is not mandatory to follow same span arrangement, type of super structure as provided in tender drawing. Please confirm bidders understanding.	Please refer to reply to query No. 1.
80	Ref: Tender drawing Well Foundation Bidder understands that Well foundation is not mandatory , i.e Pile Foundation also can be adopted . Please confirm bidders understanding.	Please refer to reply to query No. 3.
81	Tender document Presence of design team during design approval as well as construction Bidder understands that whole time presence of design team is not required , i.e rather as and when required . Please confirm bidder understanding.	Please refer clause 8.1 (2) Page 273 Sec. V, Vol. 7 Appendix 4, Provisions of Bid Document shall prevail.
82	ITB 16.1 Bid Security	Please refer to reply to Query No. 16.

	<p>The Bidder should submit along with the Bid, a bid security for Rs.5.00 Crores in the following form.</p> <p>1) FDR/Demand Draft/Banker's Cheque from Nationalised/Indian Scheduled Commercial Bank for Rs. 2 Crores and</p> <p>2) Bank Guarantee as format for Rs. 3 Crores</p> <p>As per the normal procedure in various government funded Projects including Projects funded by World Bank, ADB etc, EMD is always accepted in the form of Bank Guarantee, we therefore request you to kindly accept the proposal of EMD for the entire amount of Rs 5 Crores in the form of Bank Guarantee.</p>	
83	<p>ITB 19.1</p> <p>Submission of Bid</p> <p>This being a Design and Build tender involves lot of technical issues. You will appreciate our concern that the time available to work out a comprehensive design and costing there off is highly*ac3equate. We therefore request you to kindly extend the Date of Submission by atleast One Month-</p>	Please refer Amendment /corrigendum No.2.
84	<p>Part 1 / Section 1/27/16.1</p> <p>Bid Security</p> <p>The Bidder should submit along with the bid, a bid security for Rs.5.00 crore (Rupees Five Crore only) in the following form ----- in favour of "Dedicated Freight Corridor Corporation of India Ltd., New Delhi" in original form .</p> <p>As per standard practices followed / adopted by various Govt. departments, Bid security is payable in the form of bank guarantee to avoid unnecessary blockage of cash. We request to accept entire bid security of Rs 5.00 cr. in the form of Bank guarantee.</p>	Please refer reply to Query No. 16.
85	<p>Part-1/Sec- v/Page76/ Clause 15.6</p> <p>Geo technical Investigation</p> <p>Employer has carried out geotechnical investigation along the alignment of the bridge.</p> <p>The Employer shall not entertain any claim in case the contractor encounters the strata different than that indicated in the Reference Documents.</p> <p>Request to review this clause, there may be changes in the sub soil data.</p>	Provisions of Bid Document shall prevail. Please refer reply to Query No. 77.
86	<p>Drg No: HQ/EN/EC/SON E/BR-8</p> <p>ROW</p> <p>The drawing not clearly shows the width of ROW. Request to please indicate the width of ROW.</p>	Width of ROW has been shown in the drawing.
87	<p>Part-3/ Sec- V /Page 290/CI 3.2</p> <p>Land for temporary facilities for Contractor's Use</p> <p>The Contractor will be allowed to use the land within Right of Way for carrying out his Temporary Works -- due intimation to the Engineer.</p>	Provisions of Bid Document shall prevail.

	We request you to provide entire land requirement for casting yard, Site Offices etc free of cost to avoid levy of Excise duty, which otherwise will be loaded into the contract price. Approximate land required 40,000 m ² .	
88	Part-4/ Appendix to Tender/Page 377/CI 14.2 Mobilization Advance The Employer shall pay on written request by the Contractor a Mobilization Advance up to (Ten) 10 per cent of the Contract Price at an interest rate of 4.5% per annum above— Bank Guarantee for the mobilization advance by the amount already recovered, once the 50% of mobilization advance has been recovered. The interest cost will be ultimately loaded in the project cost. In order to have a competitive bid, request for interest free advance.	Provisions of Bid Document shall prevail.
89	Part-4/ Appendix to Tender / page 367/ 14.3 (c) Percentage Retention A retention amounting to 10 % of the value of the work done shall be deducted by the Engineer . The Contractor may, at his option, replace the Retention Money with an unconditional bank guarantee from the Bank, and valid for the period up to the end of the Defect Notification Period. Please allow submission of bank guarantees at regular intervals or a single BG in the initial stages to avoid any type of cash retention.	Provisions of Bid Document shall prevail.
90	Part-4/ Appendix to Tender / page 377/ 14.2 Advance against Plant and Machinery Not Provided. Request to allot 5% of the contract price as interest free advance against Plant and Machinery.	Request not agreed.
91	Part-4/ Appendix to Tender / page 377/ 14.3 Mobilization Advance Material Advance Request to keep provision of material advance against non perishable materials available at site for use in work.	Provisions of Bid Document shall prevail.
92	Part-3/ Sec-VI / PCC/360/13.8 Adjustment for Changes in Cost The formula for adjustment for changes in cost shall be as follows: $P_n = a + b(L_n/L_0) + c(C_n/C_0) + d(S_n/S_0) + e(F_n/F_0)$. Fix Component (a) 0.15 Labour (b) 0.30 Cement (c) 0.15 Steel (Bars & rods) (d) 0.25 Fuel & Lubricant(e) 0.15 The materials like Aggregate, Sand, boulders etc are not covered in the given formulae. We request to modify the Values of a, b, c, d and e are as under and introduce other material component.: Fix Component (a) 0.10 Labour (b) 0.25 Cement (c) 0.15 Steel (Bars & rods) (d) 0.25 Fuel & Lubricant(e) 0.10 Other Material-0.15	Request not agreed. Provisions of Bid Document shall prevail.

93	Part-2/ Sec-V / page 107/ 3.1(2) Review of Indicative Design included in Reference Drawings - Well Foundations are foreseen Whether Bidder is allowed to design with alternate foundation, Please confirm.	Please refer to reply to Query No. 3.
94	Part-2, Sec.V page 107/ 3.1(2) Review of Indicative Design included in Reference Drawings - span arrangement Please confirm whether contractor is allowed to alter span configuration and super structure type?	Please refer to reply to Query No. 1.
95	Part-2/ Appendix-11/ page 334/6 Security The Contractor shall be responsible for the security of the Site for the full time till the issue of Taking Over Certificate----- — in particular in respect of vehicles permitted to pass through the Site and/or the adjacent sites. There are highly notorious anti social elements such as dacoits, goons and rebels etc active at site. For smooth and timely completion of work, we request DFCC to provide free of cost security to contractor's personnel and establishment during construction period.	Provisions of Bid Document shall prevail.
96	Professional indemnity Insurance CF-6 Form Of Designer's Warranty/ Page 381/Point 10 & Appendix to Tender/Sub clause 18.5 Page 367 Without prejudice to its obligations under this Warranty, the Designer shall ----- with this Warranty or becomes void or unenforceable. There is discrepancy in amount of professional indemnity Insurance as mentioned in Point 10 of Page 381 and Clause 18.5 of Page 367 i.e. Rupees Five crores or Rupees Three Crores respectively. Please confirm the amount.	Please refer Amendment /corrigendum No.2.
97	Bid Data Sheet Cl. ITB 16.1, Page 27 of 387 of Section II. Bid Security: The Bidder should submit along with the bid, a bid security for Rs.5.00 crone in the following form : I) FDR/Demand Draft/Banker's Cheque for Rs.2 crores and II) Bank Guarantee for Rs.3 crores in favour of "Dedicated freight Corridor Corporation of India Ltd., New Delhi" in original form, Entire amount of Bid security may please be accepted in the form of Bank Guarantee.	Please refer to reply to query No. 16.
98	Appendix to tender Cl.14.2Page366 of 337 of Section VII Mobilization Advance: The employer shall pay on written request by the Contractor a Mobilization advance upto 10% of the Contract Price at an interest	Not agreed. Provisions of Bid Document shall prevail.

	rate of 4.5% per annum above the base rate of State Bank of India as effective on the date of approval of payment of mobilization advance by the Competent Authority. Interest free Mobilization advance may please be provided.	
99	Plant Advance : Not Mentioned Interest Free Plant advance equivalent to 5% of CV may please be provided.	Not agreed.
100	Secured Advance – Not Mentioned We request the department to provide 90% of cost of material brought at site as secured advance.	Request not agreed.
101	Payments: GCC Cl. 14.7 As per Sub clause" 14.7 of GCC (FIDIC) The Employer shall pay to the contractor: a).... (b) the amount, certified in each Interim Payment Certificate within 56 days after the engineer receives the statement. We request the client to release the payment against interim bills within 28 days to ease cash flow. Also in case of delayed payment interest @ 12% per annum shall be provided on unpaid sums .	Provisions of Bid document shall prevail.
102	Linear Waterway : Please furnish water way.	Please refer clause 14.12 page 130 of bid document. Waterway is to be arrived at by the bidder based on hydrological design considerations and codal provisions.
103	Type of Foundation Geotechnical report covers for both pile and well foundation, Whether Pile foundations are permitted in place of well foundation. Please ! clarify?	Please refer 3.1 Page 307 Sec. V Vol.3. Provisions of Bid Document shall prevail.
104	Borehole location map Please furnish Borehole location map.	Query is not clear. However borehole locations where geotech investigations have been conducted are tabulated in para 2.1.1 sheet 3 of 28 of geotech report.
105	Velocity of water flow Please provide the velocity of water flow.	Please refer clause 14.12 page 130 Volume-3 Section V.
106	LWR forces What will be the LWR force, since force 60 kN/m 35 per CI 14.9.3 Vol. 3 appears to be very much on the higher side. Please clarify.	Provisions of Bid Document shall prevail.
107	Founding 'level mandatory? Are founding level given for Well Foundations are Mandatory.	Please refer clause 5.2 Page 63 Sec. V Vol.1 the GADs are indicative. Founding level shall be decided as per provisions of bid document.
108	Type of expansion joint	Please refer clause 9.4.2 page

	Please specify type of expansion joints?	231 Sec-V, Vol.6 of bid document. Provisions of Bid Document are amply clear.
109	Type of wearing coat Whether wearing coat is RCC as Grade is M45. Please clarify.	Wearing coat is not RCC.
110	Grade of concrete mandatory? Are grade of concrete given in the tender are mandatory? Please clarify.	Provisions of Bid Document shall prevail.
111	Internal angle of well curb. Referring to tender Drawing internal angle of well curb works out to be 26.91 degree is this mandatory or we have to keep it between 30 to 45 degree as per IRS. Please clarify.	Please refer clause 5.2 Page 63 Sec. V Vol.1 the GADs are indicative.
112	Scope of Work : (Page 92) As per vol.2 Section V Employer's requirement , 3) Scope of work including all testing activities and any other activity connected with construction and completion of bridge. Please clarify specific requirement.	Testing activity shall be as stated in Employers Requirement and codal provisions.
113	Scope of work : (Page 92) Scope of work Cl. 3.2 Civil Work (i) Signage as required, please specify specifications.	Signage shall be provided as per codal provisions as specified in Employers' requirement.
114	Design Criteria : (Page 124) Design criteria (14) Cl. 14.8.2 (j) Type of protective coating for steel. Please clarify.	Please refer clause 7.26.2 Page 218 Sec. V Vol. 6, Provisions of Bid Document shall prevail.
115	Live Load combinations Vol. 2 Cl. 14.9 – Loading for bridges. Please specify DFCC live load combinations (32.5t axles).	Please refer clause 14.9 Vol. 2 Page-126. Provisions of Bid Document shall prevail.
116	Load details Vol. 2 Cl. 14.9.2 superimposed dead loads – please specify the loads details such as density/ weights to be considered for item 2,6,8,10,11.	As per clause 14.9.2 Page 126 Bidder has to propose the superimposed dead loads for Engineer decision. Provisions of Bid Document shall prevail.
117	Wayside signs Vol. 2 Cl. 14.11 Way side signs. Please furnish complete list of wayside signs to be provided including specifications.	Provisions of Bid Document shall prevail.
118	Land for Temporary Facilities : Employer's Requirement Appendix 6 Cl. 3.2 Page 290 of 387 We request you to provide us land nearby to site for casting yard, batching plant, labour colony etc. free of cost.	Provisions of Bid Document shall prevail.
119	Due date of Tender Submission :	Please refer Amendment

	Since the tender is based on Bidder's design proposal, we request the department to extend the due date of submission of tender by at least by 4 weeks from current date of submission.	/corrigendum No.2.
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