Dated : 15.05.2014

MUGHALSARAI-NEW BHAUPUR SECTION OF EASTERN DEDICATED FREIGHT CORRIDOR

TECHNICAL PROPOSAL OF CIVIL, STRUCTURES AND TRACK WORKS: CONTRACT

PACKAGES: 201 & 202

RESPONSES TO PRE-BID QUERIES OF THE BIDDERS

| S.N. | Reference to Bidding Document | Clarification Sough by the Bidders | DFCC's Response |
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| (1) | (2) | (3) | (4) |
| 288. | Part-1 Section I. Instructions to Bidders Clause 17.2 Pg. No. 17 Format and Signing of First Stage Technical Proposal | Provision in Tender Document The original and all copies of the first stage technical proposal shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. Query The original Tender submission will be signed in indelible ink. We may be allowed to take copies of the same for submission | Photocopies of the original Tender submission duly signed in indelible ink can be submitted. |
| 289. | Part-1 Section-II Bid Data Sheet ADDENDUM NO 1 DATED : 31.03.2014 Clause ITB 19.1 | <i>Provision in Tender Document</i> The deadline for submission of First Stage Technical Proposal is modified as Date : 30.04.2014 Time : 15.00hrs. | Please refer to response to query no. 11. |
| | The deadline for submission of First Stage Technical Proposal | <i>Query</i> Since most of the data available in the bid document are indicative and for reference only, the same needs revalidation through field surveys, conformity bore holes, trial pits and site visits. Since it is a time consuming activity we request you to kindly extend the first stage technical proposal submission date by at least 4 weeks from the current date of submission 30.04.2014 | |
| 290. | PART 1: Bidding Procedure Section IV. Bidding Forms Form CCC (para 2.1 (h), Annexure 1, Section III) | Provision in Tender Document Value of outstanding work as on 28 days before last date of submission of bids Query AS per the tender schedule, Part 1, Section II, Bid Data Sheet, ITB 19.1 the deadline for submission of First Stage | Considering the request date for submitting value of outstanding work has been frozen as on 01.05.2014. Please refer to Addendum no.3 Dated 15.05.2014 (Sr. No. 1) |

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| (1) | (2) | (3) | (4) |
| | Table Number 6 Pg. No. 81 Current Contract Commitments/ Works in Progress | Technical Proposal is 30.04.2014, and the 28th date before submission would be 02.04.2014. This date will keep changing depending on the revised submission date. We have started the preparation of requisite documents as per current schedule, however, the document requires us to update the value of ourstanding work as on 28 days before the last date of submission of bid. This becomes practically difficult, sSince we are a foreign company, to update the certificates accordingly. We would thus request you to please consider 28th february 2014 as the cut off date for evaluation of the putstanding works. | |
| 291. | PART 1: Bidding Procedure Section I. Instructions to Bidders Clause 32.8 Pg. no. 25 Bid Security | Provision in the Bid Document The Bid Security or the Bid Securing Declaration of a JVA shall be in the name of the JVA that submits the bid. If the JVA has not been constituted into a legally enforceable JVA at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent referred to in ITB 4.1 Query Kindly confirm if individual partners can submit individual Bid security in the name of JV as per their shares indicated in the letter of intent. There is no bid securing declaration format in the tender document. Please provide. | Individual partners are not allowed to submit individual bid security in the name of JV as per their shares. Anyone or more members of the JV can submit the bid security in the name of JV. It should be submitted through authorized representative of the JV. There is no requirement that the bid security should be submitted by a particular member of the JV. The only requirement is that it should be in the name of the JV, following the form allowed in the bidding document and the required amount. Since bidders are required to submit the bid security in the subject contract (s), bid securing declaration is not applicable. |
| 292. | PART 2: Section IV | Provision in the Bid Document | The numbers mentioned |

| S.N. | Reference to Bidding Document | Clarification Sough by the Bidders | DFCC's Response |
|------|---|--|---|
| (1) | (2) | (3) | (4) |
| | Employers Requirements Vol 1- Scope of Works 2.0 Scope of Works (i) Station Buildings, Staff Quarters and other Service Buildings Pg. 130 Station Buildings, Staff Quarters and other Service Buildings & PART 2: Section IV Employers Requirements Volume 6 Appendices Clause 3.6.2 Pg. 383 Residential Buildings for DFC | The Contractor shall undertake Design and Construction of following buildings and structures as per Employer's Requirements: Residential Buildings for DFCC: 104 nos& 159 nos respectively for Contract package 201 & 202. Query We understand that the thegivern numbers are for quarters and not buildings. Please confirm Provision in the Bid Document The numbers are given for construction per Type of quarter Query We understand that the thegivern numbers are for quarters and not buildings. Please confirm | in the Employer's Requirement in respect of residential buildings indicated in the table in paragraph 2.0 Scope of Works (i) Station Buildings, Staff Quarters and other Service Buildings at Pg. 130 of Volume 1 Part 2 of Bidding Document, refer to number of quarters. Please refer to Addendum No. 3 Dated 15.05.2014 (SN 2) |
| 293. | PART 3: Section VIII Particular Conditions Clause 8.2 Pg. 407 Time for Completion | Provision in the Bid Document Milestone-3: 1150 (one Thousand One Hundered Fifty) days from the Commencement Date Query As per general practise for the testing and commisioning 100 days are sufficient. So we request you to merge Milestone 3 and Milestone 4 and have a single Milestone for (1250 days from the commencement Date | Request not accepted. Provision(s) of the Bid Document shall prevail. |
| 294. | Part 4 - Reference Document Sectional Data- Volume 1 Contract Package 201 & 202: Table No 17 & 16 respectively : Shifting of Civil Utilities; Religious Structures | <i>Query</i> Please confirm that the client will provide land for shifting of temples | The Contractor(s) will not be required to arrange land for this purpose. |

| S.N. | Reference to Bidding Document | Clarification Sough by the Bidders | DFCC's Response |
|------|---|--|--|
| (1) | (2) | (3) | (4) |
| | Shifting of Temples | | |
| 295. | Contract Package: 201, Part IV (Reference Document) Sectional Data Volume(II), Coordinate Data Coordinate Data* | Query 1. Centerline Alignment formed with the coordinates associated with stretch between Ch:201320.412 to Ch:201700 are found to be deviating towards the Existing IR, due to which the C.L alignment is crossing Existing IR at Ch: 201710 which is contradictory. 2. Centerline Alignment formed with the Coordinates between Ch:201710 to Ch:205400 are falling towards the right side of Existing IR (While moving from Mughalsarai towards Allahabad), which is contradictory as the proposed DFCC line in Parallel sections are proposed on the left side. 3. Centerline Alignment formed with the Coordinates are found crossing the Existing IR at Ch:205425 and Ch:205825, which is contradictory. 4. Centerline Alignment formed with the coordinates is found crossing Existing IR at Ch:207730 and 230010, which is contradictory. 5. Centerline Alignment formed with coordinates of Parallel section between Ch:2030010 to Ch:266938 is falling towards the rightside of Existing IR which is contradictory. The alignment is found shifted to a approximate distance of 200 m. 6. Please confirm whether the DFCC alignment will follow the co-ordinates as mentioned in the tender document or between the RoW identified on ground | S. No. 1 to 6 – The data shown in part 4 is indicative. Please refer to paragraph 2.3.1- <i>Designed Alignment</i> at page 169 of Vol. 4 of Part 2- CST Bidding document. |
| 296. | Contract Package: 202 Part IV (Reference Document) Sectional Data Volume(II), Coordinate | <i>Query</i> 1. Centerline Alignment formed with the coordinates at ch:846750 to 847000 is not coinciding with the Project sheet no.42. | S. No. 1 to 7 – The data shown in part 4 is indicative. Please refer to paragraph 2.3.1- |

| S.N. | Reference to Bidding Document | Clarification Sough by the Bidders | DFCC's Response |
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| (1) | (2) | (3) | (4) |
| | Data Coordinate Data* | 2. Centerline Alignment formed with the coordinates at ch:856300 to ch:856600 is not coinciding with the Project sheet no.49. | <i>Designed Alignment</i> at page 169 of Vol. 4 of Part 2- Bidding document. |
| | | 3. Centerline Alignment formed with the coordinates at Ch:857900 to Ch:858200 is not coinciding with the Project sheet no.50. | |
| | | 4. Centerline Alignment formed with the coordinates at Ch:875000 to ch:875400 is not coinciding with Project sheet no.61. | |
| | | 5. Centerline Alignment formed with the coordinates at Ch:877600 to Ch:877900 is haphazard in shape and is not coinciding with Project sheet no.63. | |
| | | 6. Centerline Alignment formed with the coordinates at Ch:918700 to Ch:919100 are not coinciding with Project sheet no.90. | |
| | | 7. Please confirm whether the DFCC alignment will follow the co-ordinates as mentioned in the tender document or between the RoW identified on ground | |
| 297. | Part 2/ Volume 4 Clause 4.11 (2) a.) Pg. 195 | Track Structure & Road Surface at L- xing: PSC Sleepers as per RDSO Drg. No. RT- 8225, RT-8226 & RT-8227, and T-7008 are all under trial. Please provide us the details of the manufacturers who are producing these Items, so that we can review them and satify ourselves that it meets the Employer's requirement. | This is part of the Bid preparation process to be undertaken by the Contractor(s). |
| 298. | Part 2/ Volume 4 Clause 4.8 – Switch Expansion Joints Pg. 195 | As RDSO Drg. RT-6902 & RT-6922 are under trial for 60Kg rail for SEJ's on concrete sleepers . Please provide us the details of the manufacturers who are producing these Items, so that we can review them and satify ourselves that it meets the Employer's requirement. | Please refer to response to Query at Serial No.297 above. |
| 299. | Part 2 / Volume 4 Clause 2.3.2 (1) | The Minimum widths in embankment in Single Line and Double Line specified in | The dimensions indicated in the table in paragraph |

| S.N. | Reference to Bidding Document | Clarification Sough by the Bidders | DFCC's Response |
|------|--|---|--|
| (1) | (2) | (3) | (4) |
| | Pg. 170 | Bid Document as 7600mm and 13500mm respectively. We have noted that SOD for DFCC Eastern Corridor {Please reffer page 360, Civil Structures, g) }, Clause 1.11 Page 6 specifies them as 8100mm and 14100mm respectively with a footnote that these can be reduced to 7600mm and 13500mm with approval of Railway Board. Please therfor clarify whether such permission from Railway Board has been optained or not. | 2.3.2 at pg. 170, Volume 4, Part 2 of Bidding Document shall prevail. |
| 300. | Part 2 / Volume 5 Clause 17.3 (3) - Temporary Works Pg. 231 | In Clause 17.3 (3), Three(3) and four (4) Construction depots have been proposed for Package 201 and 202 respectively,whereas in Part 4 / Volume 1 /Sectional data, Table-13, four(4) and Three (3) construction depots have been proposed for Package 201 and 202 respectively - Please clarify which document will prevail. | As per the Employer's Requirement specified in Paragraph 17.3 (3) (a) at page 231 of Volume 5 Part 2 of Bidding Document the Contractor(s) are required to establish at least one construction depot in each of the Contract Package. In Part 4 / Volume 1 /Sectional data, Table no. 13 & 12 in Contract Packages 201 and 202 respectively are the locations where land parcels are available which can be used by the Contractor for such depots. Please refer to Addendum No.3 Dated 15.05.2014 (Sr. No. 4) also. |
| 301. | Part 2/ Volume 4 Clause 4.4.5 – Crosssing Assembly Pg. 189 | 1 in12 Turnout (Weldable CMS crossing) drawing RDSO/ T-6412 are under trial. Please provide us the details of the manufacturers who are producing these Items, so that we can review them and satify ourselves that it meets the Employer's requirement. | Please refer to response to Query at Serial No.297 above. |
| 302. | Part 4 / Volumn 3 / Geo Tech Data | Please provide the Geo Tech Data for the following: 1. ROB NO 247 | This data is not available and hence cannot be provided. |

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| (1) | (2) | (3) | (4) |
| 303. | Part 4 / Volumn 4 / Hydraulic Data | 2. RFO NO 257 3. ROB NO 261 4. RFO NO 273 5. Major Bridge No 279 6. Major Bridge No 314 7. Major Bridge No 317 8. Major Bridge No 326 9. Major Bridge No 326 9. Major Bridge No 330 10. Major Bridge No 351 12. Major RUB NO 353 13. Major Bridge No 356 14. Major Bridge No 358 15. Major Bridge No 365 18. Major Bridge No 365 18. Major Bridge No 366 19. Major Bridge No 369 20. Major Bridge No 369 20. Major Bridge No 378 21. Major Bridge No 378 22. Major Bridge No 432 23. RFO NO 456 24. Major RUB NO 457 25. ROB NO 430 spl Please provide the Hydraulic Data for the following: Important Bridge No: 379 Major Bridge No: 379 | Please refer to Paragraph 3.3A at Page 179 and 180 of Volume 4, Part 2 of Bidding Document. Please refer to |
| | | | Paragraph 3.3 (1) at Page 178 Volume 4, Part 2 of Bidding Document. |
| 304. | Part 4 Section-DATA/Vol 5.2 | It is obsevered that the angle of skew for 13 Major bridges as shown in indicative GADs are different from plan-profile of DFC (refer enclosed Annexure-A). It is proposed that the skew angle shown in plan-profile may be adopted. The same may please kindly be confirmed. | All the data included in Part 4 is indicative in nature. The Contractor(s) is required to carry out the Detailed Design which <i>inter alia</i> includes determining the angle of crossing. |
| 305. | Part 4 Section-DATA/Vol 5.2 | As per indicative GADs PSC Box girder type superstructure has been proposed for Major bridges No. DN JRTR-3, DN JRTR-4, UP JRTR-3, 314 etc, where skew angle varies from 45° to 60°. From | The type of superstructure(s) shown in the GADs of the bridges are only indicative. The type of superstructures to |

| S.N. | Reference to Bidding Document | Clarification Sough by the Bidders | DFCC's Response |
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| (1) | (2) | (3) | (4) |
| | | technical consideration PSC Box girder type superstructure is not desirable in skew spans due to abnormal torsional moment. It shall be better if these are changed to other suitable type of superstructure. The same may please be clarified. | be adopted for any bridge will be decided by the Contractor with the approval of the Engineer. |
| 306. | Part 4 Section-DATA/Vol 5.2 | As per indicative GADs, open foundation has been provided upto 6m clear span. For all other spans pile foundation are proposed. It is felt that open foundation may be provided in other spans also, if feasible. This may please be clarified. | The types of foundations for the bridges shown in the GADs of the bridges are only indicative except the foundation for Yamuna Bridge which shall have a well foundation. Please refer to paragraph 3.3A (4) at page 180 Volume 4 Part 2 of the Bidding Document. The type of foundation to be adopted for all other bridges will be decided by the Contractor with the approval of the Engineer. |
| 307. | Part 4 Section-DATA/Vol 5.2 | The proposed Major bridges at Ch. 182+550, 189+325, 189+755, 191+000,195+590 & 195+700, as per plan-profile are crossing at skew, but indicative GADs have been prepared as right angle crossing. It is felt that indicative GADs have been prepared by realigning the stream so that right angle crossing are feasible otherwise longer bridges will be required. River training and protection works will be required for realigning the stream. The same may kindly be confirmed. | The angle of crossing of any bridge will be decided after the Detailed Design is completed by the Contractor with the approval of the Engineer. The requirement or otherwise of the river training works is a part of the Detailed Design. |
| 308. | Part 4 Section-DATA/Vol 5.2 | It is presumed that the indicative GADs for proposed ROBs at Ch. 124+275 and Rail flyover at Ch. 135+345, 155+610 & 274+624 cover full Railway boundary which may kindly be confirmed. | There is no requirement for the ROB to cover the entire length of the railway land boundary for the ROB at Ch 124+275 situated in Mughalsarai yard. All RFOs are to be constructed as per the |

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| (1) | (2) | (3) | (4) |
| | | | requirement indicated in Paragraph (38) at page 178 of Volume 4 Part 2 of the Bidding Document. |
| 309. | Part 4 / Volumn 5.1 / Project Sheets Sheet 2, Sheet 5, Sheet 10, Sheet 16, Sheet 25, Sheet 33 | These sheets only provide us DFCC's ROW, which is not sufficient to design a Junction / Crossing station building and associated facilities i.e. IMD, IMSD, Staff Quarters. Please provide us the Site Plan, Location Plan, Site Approches. | The stations where IMDs, IMSDs and Staff Quarters are required to be constructed have been identified in Appendix 18 of Volume 6, Part 2 of Bidding Document. However, the exact location of these buildings and other associated facilities i.e. IMD, IMSD, Staff Quarters etc will be decided by the Contractor(s) with the approval of the Engineer as a part of the Detailed Design. |
| 310. | Part 4 / Volumn 1 / Sectional Data Table 16 | The Total No of DFCC Staff Quarters of different types has been provided. Please provide distribution of these Quarters per DFCC station. | The number of DFCC Staff Quarters at different stations will be identified by the Engineer. |
| 311. | Part 4 / Volumn 5.4 / Other Drawings | Please provide details / drawings for DFCC Quarter Type "D". | Please refer to response to Query at Serial No. 135 above. |
| 312. | Part 4 / Volumn 2 / Co- Ordinate | The coordinates for Allahabad detour when ploted do not corespond with the centreline coordinates of rest of the alignment. Please provide us the correct coordinates. | The data shown in part 4 is indicative. Please refer to paragraph 2.3.1- <i>Designed Alignment</i> at page 169 of Vol. 4 of Part 2- Bidding document. |
| 313. | Part 4 / Volume 3 /Geo Tech Data | Geo-technical data have been studied in detail and it is found that available data covers 44 % of the total scope of geotechnical investigation work actually required for the entire project corridor. Please provide us the remaining 56% geotechnical investigation details for verification / confirmatory investigation works. | All the available Geo-tech data has been included in the Bidding Document. No further data is available and hence cannot be provided. |
| 314. | Part 4 / Volumn 5.1 / Project Sheets Sheet 2, Sheet 5, Sheet | Site area and boundaries for each of the following developments are required for traffic design purpose i.e. for traffic | The exact location of Junction Station, Crossing Stations, Residential |

| S.N. | Reference to Bidding Document | Clarification Sough by the Bidders | DFCC's Response |
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| (1) | (2) | (3) | (4) |
| | 10, Sheet 16, Sheet 25, Sheet 33 | circulation, access and connectivity with the nearest National and State Highway, Junction Station Crossing Stations Residential Buildings for Indian Railways Residential Buildings for DFCC Integrated Maintenance Depot (IMD) Integrated Maintenance Sub Depot (IMSD) ROB/RUB/Level crossing locations | Buildings for Indian Railways, Residential Buildings for DFCC, Integrated Maintenance Depot (IMD), Integrated Maintenance Sub Depot (IMSD), ROB/RUB/Level crossing locations etc is a matter of Detailed Design required to be finalized by the Contractor(s) with the approval of the Engineer. |
| 315. | | Please provide the following information to estimate projected heavy traffic: Existing Freight traffic movement data from Indian Railways between Mughalsarai to Kanpur Estimate future shift of Freight traffic movement from Indian Railway track to DFCC corridor. Proposed frequency of Freight Trains on each of the proposed DFCC station locations. Projected loading/unloading tonnage Duration, average storage time of goods in warehouse Expected goods distribution system. | Some of the data asked for is not relevant for submission of Bid. Furthermore accurate data in this connection is not available with the Employer and hence, cannot be provided. |
| 316. | PART 1: Bidding Procedures Section I. Instructions to Bidders Clause - 32 Page 35 Bid Security & PART 1: Bidding Procedures Section II. Bid Data Sheet Clause - ITB 32.1 Page 42 Bid Security | Provision in Tender Document 32.1 The Bidder shall furnish as part of its bid, either a bid securing declaration or a bid security as specified in the BDS, in original form and in the amount specified in the BDS. & Bid security shall be submitted with the second stage bid and shall be INR 200 million for each contract package. Query Bidders who have been pre-qualified for only one contract package may be allowed to submit one single bid security common for both the contract packages. | Separate Bid Security for each package is required. |

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| (1) | (2) | (3) | (4) |
| 317. | PART 3: Section VIII Particular Conditions Clause - 8.2 Page 407 Time for Completion | Provision in Tender Document Milestone-3: 1150 (One Thousand One Hundred Fifty) days from the Commencement Date Query As per general practise, 100 days are sufficient for the testing and commissioning work. therefore we request you to delete milestone-3 and keep milestone-4 (1250 days from the commencement Date) for better work flexibility during execution | Request not accepted. The provision(s) of Bidding Document shall prevail. |
| 318. | PART 3: Section VIII Particular Conditions Clause - 8.2 Page 407 Time for Completion | Provision in Tender Document The Contractor shall complete the whole of the Works within 1350 (One Thousand Three Hundred Fifty) days from the commencement date Query It is requested to increase the completion | Request not accepted. The provision(s) of Bidding Document shall prevail. |
| | | days of package 202 by another 200 day, as the length of the package is far higher than the length of package 201 | |
| 319. | PART -4, Plan & Profile Drawing Formation Level of Existing IR Track | Formation Level of existing IR track is not provided in plan & Profile Drawing of Contract Package -201. Request you to please furnish the same as provided in Contract Package -202 drawings. | This data is not available, hence cannot be provided. |
| 320. | PART -4, Plan & Profile Drawing (Ch. from 145000 to Ch. 150000), Project Sheet no.7 | In Plan & Profile Drawing Project Sheet No.7 (from Ch. 145000 to Ch. 150000) is not available. Request you to please furnish the same. | Please refer to response to query at Sr. No. 65 above. |
| | Plan & Profile Drawings | | |
| 321. | Tender Drawings Tender Drawings of RUB in Lieu of level X- ing: | Drawings of Following RUB in Lieu of level X-ing are not available 1. RUB at CH 129597 (LC No 113C) (IR Km 677/11-13) 2. RUB at CH 265908 (LC No 31C) (IR Km 807/23-25) | This data is not available, hence cannot be provided. |

| S.N. | Reference to Bidding Document | Clarification Sough by the Bidders | DFCC's Response |
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| (1) | (2) | (3) | (4) |
| | | 3. RUB at CH 420 (LC No 429- B/2-T) (IR Km 1340/7) | |
| 322. | Approach Roads at Minor / Major RUB & Level crossing: | Please provide Length, width & type of Road (crust details) of Approach roads at Minor/Major RUB & Level Crossing. | The length, width and crust details of approach road required to be constructed will vary from location to location and will be decided by the contractor during the detailed design with the approval of the Engineer. |
| 323. | | We understand that supplies to project are eligible to claim exemption from Central Excise duty under notification No. 108/1995 and Customs Duty under notification No. 84/1997. For claiming these exemption benefits under Central Excise Act and Customs Act, Project Authority Certificate ("PAC") is required to be issued by the Employer. In this connection, we would like to know following:- Will the employer issue such PAC for claiming exemption benefit under Central Excise Act and Customs Act in the name of sub-contractor or the supplier appointed by the contractor for executing said work under the contract in question? Please Clarify. | Project Authority Certificate for claiming the exemption benefits under Central Excise Notification no. 108/1995 and Custom Duty Notification no. 84/1997 shall also be issued to the bona fide Subcontractors as well as Suppliers nominated by the Contractor as per requirements of the relevant notifications, subject to satisfactory submission of the documents by the Contractor to the Employer. The Contractor will ensure that the sub- contractor to whom Project Authority Certificate has been issued does not use the material/equipment other than for the works of subject contractor will be responsible for all the consequences. |