

CONTRACT PACKAGE C-6: REPLIES TO PRE-TENDER QUERIES_Set 2_02.05.2024

Contract Package C-6 : Design and Construction of Civil Works (Earthwork, Bridges, Station Buildings, Retaining Walls & other miscellaneous Works) and General Electrical Services works from km 61.50 to km 126.03 between HORC station New Patli and IR station Harsana Kalan and connectivities from Badsa Station of HORC to existing IR Sultanpur station and Mandothi station of HORC to existing IR Asaudah Station in connection with laying of New BG Double Railway line of HORC Project.

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Clause/ Para No. (As quoted by the prospective Tenderer)	Query Raised	Reply of HRIDC
1	Section VII-8 A Tender Drawings	1. ALIGNMENT PLAN & L-SECTION	Bidder observed that Proposed Right of Way (ROW) widths not marked on Alignment Plan. Authority is requested to provide ROW from the centre line of the alignment of the project for better Assessment of Quantity of Retaining Wall.	Refer revised Plan & L-Section Tender Drawings attached in Corrigendum No. 2. Refer Annexure F-4 of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2.
2	C6RFPPART2ER / Section VII-5 Employer's Requirements -Outline Design Specifications (ODS) – Civil & BLT / 2.7 General Design Requirements (d) & Page no 110 of 820	Horizontal and vertical alignment has been given in the Conceptual Plan and L Section drawings. Proposed Right of Way (ROW) has been also marked on these drawings. The Contractor should check the feasibility at site and may propose any minor modifications, if required.	Bidder observed that Proposed Right of Way (ROW) widths not marked on Alignment Plan. Authority is requested to provide detailed ROW widths.	Refer revised Plan & L-Section Tender Drawings attached in Corrigendum No. 2.
3	C6RFPPART2ER / Section VII-2 Employer's Requirements -Functional / 2.1.22 & Page no 34 of 820	Results of sub-surface investigations conducted at project site are enclosed with the Tender documents. This information about the soil and sub-soil water conditions is being made available to the Contractor in good faith and the Contractor shall have to obtain the details of sub-soil parameters independently. There are certain locations where weak sub-soil exist. Tentative location of weak subsoil stretches for formation has been given in ODS. Contractor shall be required to take necessary action for ground improvement. No claim whatsoever on account of any discrepancy/variation about the soil parameters and sub soil water conditions that may be actually encountered at the time of execution of the work and those given in these Tender Documents shall be payable to the Contractor under any circumstances.	Bidder found that no locations mentioned in ODS. Authority is requested to provide stretches for ground improvement.	Refer revised Sub-Clause 2.1.22 i) of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2 and Item No.47 of Corrigendum No. 2
4	MJB at 2773.19 Drawing no. GC-HRIDC-C6-DRG-BRD-GAD-0105D_A0 on page no. 317/353 of "C6_Section VII-8 Tender Drawings & Documents"		Bidder observed that Día of Well is not mentioned in drawing. Authority is requested to provide Día of well.	Refer Sub-Clause 4.8.4 of Section VII-5: Employer's Requirements -Outline Design Specifications (ODS) – Civil & BLT, Part 2 of Tender Document.
5	MJB at 69683.047 Drawing no. GC-HRIDC-C6-DRG-BRD-GAD-01183_A0 on page no. 272 of 353 of "C6_Section VII-8 Tender Drawings & Documents"		Chainage of mentioned drawing given as 696843.0 mentioned in Annexure F2 of Employers requirements. It seems to be typographic error. Authority is requested to correct.	Refer revised Tender Drawing attached in Corrigendum No. 2.
6	MJB at 74339.079 Drawing no. GC-HRIDC-C6-DRG-BRD-GAD-01199_A0 on page no. 276 of 353 of "C6_Section VII-8 Tender Drawings & Documents"		Bidder observed that Día of pile is not mentioned in drawing. Authority is requested to provide Día of Pile.	Refer Sub-Clause 4.8.3 a (ii) of Section VII-5: Employer's Requirements -Outline Design Specifications (ODS) – Civil & BLT, Part 2 of Tender Document.
7	MJB at 100318 Drawing no. GC-HRIDC-C6-DRG-BRD-GAD-01303_A0 on page no. 298 of 353 of "C6_Section VII-8 Tender Drawings & Documents"		Bidder observed that Día and depth of Pile and Well is not mentioned in drawing. Authority is requested to provide Día and depth of Pile and Well.	Refer Sub-Clause 4.8.3 a (ii) and Sub-Clause 4.8.4 of Section VII-5: Employer's Requirements -Outline Design Specifications (ODS) – Civil & BLT, Part 2 of Tender Document.
8	MJB at 101090.166 Drawing no. GC-HRIDC-C6-DRG-BRD-GAD-01304_A0 on page no. 299 of 353 of "C6_Section VII-8 Tender Drawings & Documents"		Bidder observed that Día and depth of Pile and Well is not mentioned in drawing. Authority is requested to provide Día and depth of Pile and Well.	Refer Sub-Clause 4.8.3 a (ii) and Sub-Clause 4.8.4 of Section VII-5: Employer's Requirements -Outline Design Specifications (ODS) – Civil & BLT, Part 2 of Tender Document.

CONTRACT PACKAGE C-6: REPLIES TO PRE-TENDER QUERIES_Set 2_02.05.2024

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S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Clause/ Para No. (As quoted by the prospective Tenderer)	Query Raised	Reply of HRIDC
9	MJB at 102701.684 Drawing no. GC-HRIDC-C6-DRW-BRD-GAD-01311_A0 on page no. 301 of 353 of "C6_Section VII-8 Tender Drawings & Documents"		Bidder observed that Dia of pile is not mentioned in drawing. Authority is requested to provide Dia of Pile.	Refer Sub-Clause 4.8.3 a (ii) of Section VII-5: Employer's Requirements -Outline Design Specifications (ODS) – Civil & BLT, Part 2 of Tender Document.
10	MJB at 111211.933 Drawing no. GC-HRIDC-C6-DRG-BRD-GAD-01346_A0 on page no. 304 of 353 of "C6_Section VII-8 Tender Drawings & Documents"		Bidder observed that depth of pile and well is not mentioned in drawing. Authority is requested to provide depth of Pile and well.	Refer Sub-Clause 4.8.3 a (ii) and Sub-Clause 4.8.4 of Section VII-5: Employer's Requirements -Outline Design Specifications (ODS) – Civil & BLT, Part 2 of Tender Document.
11	C6RFPFINANCIALPART- CI.- 5- Price Schedule, Pg No.- 18	Price Schedule	Payment for construction of MNB bridge with pile foundation will be paid under schedule A or B. Please clarify	Refer Annexure F-1, F-5, F-6 /1 and F-7 of Section VII-2: Employer's Requirements-Functional /R1(Attachment 4) of Corrigendum No. 2.
12	Section VII-1 : Employer's Requirements-General, Clause 4 (Phase Design and Construction). Pg. No 16.	The Construction Phase for the whole or a part of the Permanent Works shall commence immediately upon the issue of a Notice by the Engineer/Employer in respect of the relevant Construction Reference Drawings Submission. Such Notice may be issued by the Engineer in respect of a Construction Reference Drawing Submission covering a major and distinctive part of the Permanent Works.	To initiate the Construction Phase, the provision requires completion of the Construction Reference Drawing being submitted covering a major and distinctive part of the Permanent Works. However, the term "major and distinctive" is vague. Hence, it is requested to specifically specify in terms of the number /or percentage of drawings of Permanent Works are required to be submitted to trigger the Notice by Engineer for Commencement of the Construction Phase.	Refer Sub-Clause 4 e) of Section VII-1: Employer's Requirements– General, Part 2 of Tender Document. Tender Conditions remain unchanged.
13	Section VII 2: Employer's Requirements – Functional , Cl 2.1.22 (i) [Reinstatement/ Restoration of Roads and Services], Pg. No. 07/08 Tentative location of weak subsoil stretches for formation has been given in ODS. Contractors shall be required to take necessary action for ground improvement. No claim whatsoever on account of any discrepancy/variation about the soil parameters and sub soil water conditions that may be actually encountered at the time of execution of the work and those given in these Tender Documents shall be payable to the Contractor under any circumstances.	It is requested to exclude this Provision.	Refer revised Sub-Clause 2.1.22 i) of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2 and Item No.47 of Corrigendum No. 2 Tender conditions remain unchanged.
14	Section IX - Particular Conditions of Contract (PCC), Table 1: Access to the Site, Sr. No. 2 of 'Note', Pg. no.19No Claim of Bridge accessibility will be admissible before submission of GAD for approval.	The bidder understands that the accumulation of claims will commence promptly following the submission of the GAD, unless unencumbered, obstruction-free ROW is provided within the specified timeframe outlined in the Contract.	Refer Item Nos. 72, 73, 74 and 75 of Corrigendum No. 2
15	Section IX - Particular Conditions of Contract (PCC). Table 1.2 : Access to Formation Site. Sr. No 3 of 'Notes' , Pg. No. 26	The land accessibility is subject to L-section of that respective chainage and no claim for non-accessibility of the land will be entertained without submission of L section for the respective stretch.	The bidder understands that the accumulation of claims will commence promptly upon the submission of the L-Section, unless unencumbered, obstruction-free RoW is provided within the specified timeframe outlined in the Contract.	Refer Item No. 76 of Corrigendum No. 2
16	Section IX - Particular Conditions of Contract (PCC), Sub clause 8.8 [Delay Damages], Pg. No. 55.	If the Contractor fails to comply with Sub-Clause 8.2 [Time for Completion], the Contractor shall subject to notice under Sub- Clause 20.1 Claims] pay delay damages to the Employer for this default. These delay damages shall be the sum stated in the Contract Data, which shall be charged for every week of delay or part thereof which shall elapse between the Time for Completion and actual Date of Completion of the Works.	In GCC, Clause 20.1 does not include a Notice provision. It only pertains to when a claim may arise. Notice of Claim is provided under Clause 20.2.1. Please clarify ?	Refer Item No. 78 of Corrigendum No. 2
17	Section IX - Particular Conditions of Contract (PCC), Sub-Clause 21.6 Arbitration, Sr. No 04 [Nationality and qualification of Arbitrators] Pg. No. 81	The sole arbitrator or the third arbitrator appointed pursuant to paragraphs 1(a) through 1(c) above shall be an internationally recognized legal or technical expert with extensive experience. in relation to the matter in dispute and shall not be a national of the Contractor's home country or of the Employer's home country or of the home country of any of their members or Parties or of the Government's country.	In the provided provision, it is requested to offer further clarification on the identity of the "members or Parties" referenced. Specifically, who are these individuals or entities indicated by the Employer?	Refer Item No. 81 of Corrigendum No. 2 and Refer Sub-Clause 1.1.60 of Section VIII-GCC, Part 3 of Tender Document.

CONTRACT PACKAGE C-6: REPLIES TO PRE-TENDER QUERIES_Set 2_02.05.2024

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S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Clause/ Para No. (As quoted by the prospective Tenderer)	Query Raised	Reply of HRIDC
18	Section IX - Particular Conditions of Contract (PCC), Sub-Clause 21.6 Arbitration, Sr. No B [in case of the Contractor or the Lead member of the Contractor (in the case of a Joint Venture or Consortium) being of Indian origin], Sr.1 [Procedure for Appointment of Arbitrators], Pg. No. 84	Within 30 days from the day when a written and valid demand for Arbitration is received by MD/HORCL, the Employer will forward a panel of not fewer than five (05) independent and neutral nominees to the Contractor. These names shall be obtained from those Organizations for the purpose of nominating them as DAAB Members/Conciliator/Arbitrator.....	It is requested to clarify the identity or definition of the 'Organization' referred to in this provision.	Refer Item No. 82 of Corrigendum No. 2
19	General		At Ch. 80+000 it can be observed from the KML file provided that the alignment passes through IOCL petrol pump location. Kindly confirm that the dismantling of the petrol pump will be taken up the employer.	Refer Item No. 63 of Corrigendum No. 2
20	Section VII-5: Outline Design Specifications (ODS)-Civil & BLT Clause. 4.3, a, i. (Pg. No. 19)	a) Bridges with Superstructure of Composite Plate Girder (CG) This group includes bridges having superstructure of steel CG. Standard RDSO drawings for "25t Loading-2008" will be used for superstructure of CG except for bridge Nos. 155, 242, 267, 303 & 346 where BLT has been proposed. However, where standard RDSO drawings are used, the Contractor shall verify the adequacy of RDSO standard drawings of CG for double stack containers.	The bidder understands that, it is obvious that "25T loading" superstructure can not withstand "32.5T loading", the clause stating that, "... adequacy of "25t loading" superstructure needs to be verified for double stack containers." i.e "32.5T loading", is not understood. Kindly clarify. It is an earnest request to kindly refrain from responding with "Tender clause is self-explanatory".	Refer Item No. 35 of Corrigendum No. 2
21	Section VII-8: Tender Drawings and documents	Conceptual general arrangement drawings	Conceptual general arrangement drawing is not available for i) MJB-259 (Ch.89504.444) ii) MJB-300 (Ch. 99718.669) iii) SUBWAYS	(i) Refer Attachment 1 of Corrigendum No.1. (ii) Refer Attachment 1 of Corrigendum No.1. (iii) Refer Attachment 1 of Corrigendum No.1.
22	Section VII – 5: ER-ODS – Civil & BLT Clause no 2.7, Page no: 8	General Design Requirements	As per Clause 2.7 of Section VII-5: Employer's Requirements -Outline Design Specifications (ODS) – Civil & BLT, It states that Length of vertical curve shall be in multiple of 10 m while cuves in below mentioned some of the drawings are not having the same. 1.DRG.NO. AA/2245/AL/DR/P&P/R3 2.DRG.NO. AA/2245/AL/DR/P&P/R3 The bidder understands that this being a design built Contract, the successful bidder has to design the plan and profile drawings as per IR P-way manual and correct the profile from all discripencies as such and seek approval for the same from the appointed PMC. Kindly confirm.	Refer Item No. 29 of Corrigendum No. 2 and Sub-Clause 2.8 and 2.10 of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2.
23	Section VII- 2 ER – Functional Clause 2.1.5, Pg -3	The Contractor shall design and construct precast RCC longitudinal drains on berms of embankments to collect surface runoff from the slope. Precast RCC chute drains shall be provided at approximately every 50 m for collecting water from drains on berms and discharging it safely away from toe of embankments as shown in the Tender drawings.	The mentioned drawing is missing in the document. Please provide the same.	Refer Attachment 6 of Corrigendum No. 2.
24	Clause no 2.7 (d), Section VII – 5: ER-ODS – Civil & BLT Page no: 8	Horizontal and vertical alignment has been given in the Conceptual Plan and L-Section drawings. Proposed Right of Way (ROW) has been also marked on these drawings. The Contractor should check the feasibility at site and may propose any minor modifications, if required.	The proposed right of way is shown overlapping with the proposed track center line at various locations. The bidder understands that there are some errors in the P&P drawings. The bidder requests to kindly provide the proper ROW in CAD format.	Refer Sub-Clause 1.7 of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2 and Item No. 65 and Item No. 68 of Corrigendum No. 2.

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S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Clause/ Para No. (As quoted by the prospective Tenderer)	Query Raised	Reply of HRIDC
25	Section VII-8A Tender Drawings		Drawing No. mentioned in List of Tender Drawings of Alignment Plan and L-Section from Chainage 60.0 KM to 125.82 KM i.e., S. No. 1 to 13 are not matching with the shared Drawings. The bidder requests to kindly provide the correct L-section drawings.	Refer revised Tender Drawings (Attachment 6) in Corrigendum No. 2 and Item No. 68 of Corrigendum No. 2.
26	Section VII-8A Tender Drawings	<ol style="list-style-type: none"> 1. GC-HRIDC-C6-DRW-STN-BDA01 AO (Sheet 1 of 3) 2. GC-HRIDC-C6-DRW-STN-DEV01 AO (Sheet 1 of 1) 3. GC-HRIDC-C6-DRW-STN-BAD01 AO (Sheet 1 of 3) 4. GC-HRIDC-C6-DRW-STN-MAN01 AO(Sheet 1 of 3) 5. GC-HRIDC-C6-DRW-STN-NAS01 AO (Sheet 1 of 1) 6. GC-HRIDC-C6-DRW-STN-JAS01 AO (Sheet 1 of 1) 7. GC-HRIDC-C6-DRW-STN-KHAROI AO (Sheet 1 of 3) 8. GC-HRIDC-C6-DRW-STN-TAR01 AO (Sheet 1 of 3) 9. GC-HRIDC-C6-DRW-STN- TAR0I AO (Sheet 1 of 2) 10. GC-HRIDC-SK-GEN-001_A1 11. GC-HRIDC-SK-GEN-012 12. GC-HRIDC-SK-GEN-020 13. GC-HRIDC-SK-GEN-027 14. GC-HRIDC-SK-GEN-030 15. GC-HRIDC-C6-SK-CIVIL-002_A1 16. GC-HRIDC-C6-SK-CIVIL-003 _A1 17. GC-HRIDC-C6-SK-CIVIL-004 _A1 18. GC-HRIDC-C6-SK-CIVIL-005 _A1 19. GC-HRIDC-C6-SK-CIVIL-006 _A1 20. GC-HRIDC-C6-SK-CIVIL-007_A1 21. GC-HRIDC-C6-SK-CIVIL-008 _A1 22. GC-HRIDC-C6-SK-CIVIL-009 _A1 23. GC-HRIDC-C6-SK-CIVIL-0010 _A1 24. N.R.H.Q.E PLAN NO. HQ/20/11-2021 25. GC-HRIDC-C6-SK-GEN-036 26. GC-HRIDC-C6-SK-GEN-037 27. GC-HRIDC-C6-SK-GEN-038 28. GC-HRIDC-C6-SK-GEN-031 29. GC-HRIDC- C6-SK-GEN-039_A0 30. GC-HRIDC- C6-SK-GEN-041_A0 31. GC-HRIDC- C6-SK-GEN-002_A0 	<p>These drawings are missing. The contractor requests to provide the complete set of drawings.</p> <p>Moreover, since some 31 drawings listed herein are missing, it will be justified that after receipt and understanding of all these drawings, some doubts/querries may arise. Addressing another round of PBQ based on the same should give level playing ground for all bidders. The bidder requests to kindly accomodate another round after provision of the same.</p>	<p>Refer revised Tender drawings Attachment 1 of) Corrigendum No. 1 and Attachment 6 of Corrigendum No. 2</p> <p>Tender Conditions remain unchanged.</p>
27	Clause no 2.7 (a), Section VII – 5: ER-ODS – Civil & BLT Page no: 8	The Project entails construction of BG double-track electrified railway lines capable of handling "25t loading -2008" double stack container for maximum train speed of upto 160 km/h. The project is a feeder route to DFC also. The embankment and cutting shall be designed for "DFC loading (32.5t axle load)". Bridge and viaduct substructures shall be designed for "DFC loading (32.5t axle load)"and superstructure shall be designed for "25t loading – 2008" unless specified otherwise in the Contract.	As per the Tender Alignment Drawings, Speed at curve no 51UP, 52UP, 57UP, 58UP, 68 UP, 69 UP, 70 UP, 71 UP, 89UP, 40DN, 41DN, 42DN, 48DN, 56 DN, 57 DN, 58 DN, 59 DN, 79DN, 80DN, 81DN have design speeds of less than 160 kmph. The bidder understands that these are the locations with constraints wherein restrictions to design speed can be applied. Kindly Confirm.	Refer Item No. 62 of Corrigendum No. 2 and Sub-Clause 2.8 and 2.10 of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2
28	General		The bidder understands that all construction works as per Tender are limited within the proposed ROW. Works beyond the proposed ROW are not part of the scope. Kindly confirm.	Refer Sub-Clause 1.7 of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2 and Item No. 68 of Corrigendum No. 2.
29	Section VII-8A/Miscellaneous drawings/SI.No. 7/pg. no. 20	"Conceptual Plan of berm drain, and Chute drains for embankment-Drawing no. GC-HRIDC-SK-GEN-008_A1"	Mentioned drawing no. is not available in tender document. Hence, requested to provide the conceptual drain plan drawing.	Refer Attachment 6 of Corrigendum No. 2

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S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Clause/ Para No. (As quoted by the prospective Tenderer)	Query Raised	Reply of HRIDC
30	Section VII-8A/Miscellaneous drawings/SI.No. 7/pg. no. 20	"Conceptual Plan for Sump-Drawing no. GC-HRIDC-SK-GEN-027"	Mentioned drawing no. is not available in tender document. Hence, requested to provide the conceptual drain plan drawing.	Refer Attachment 6 of Corrigendum No. 2
31	Section VII-8A/Miscellaneous drawings/SI.No. 7/pg. no. 20	"Conceptual Plan Drainage arrangement (Badsa)-Drawing no. GC-HRIDC-C6-SK-CIVIL-002_A1"	Mentioned drawing no. is not available in tender document. Hence, requested to provide the conceptual drain plan drawing.	Refer Attachment 6 of Corrigendum No. 2
32	Section VII-8A/Miscellaneous drawings/SI.No. 7/pg. no. 20	"Conceptual Plan Drainage arrangement (Deverkhana)-Drawing no. GC-HRIDC-C6-SK-CIVIL-003_A1"	Mentioned drawing no. is not available in tender document. Hence, requested to provide the conceptual drain plan drawing.	Refer Attachment 6 of Corrigendum No. 2
33	Section VII-8A/Miscellaneous drawings/SI.No. 7/pg. no. 20	"Conceptual Plan Drainage arrangement (Badli)-Drawing no. GC-HRIDC-C6-SK-CIVIL-004_A1"	Mentioned drawing no. is not available in tender document. Hence, requested to provide the conceptual drain plan drawing.	Refer Attachment 6 of Corrigendum No. 2
34	Section VII-8A/Miscellaneous drawings/SI.No. 7/pg. no. 20	"Conceptual Plan Drainage arrangement (Mandothi)-Drawing no. GC-HRIDC-C6-SK-CIVIL-005_A1"	Mentioned drawing no. is not available in tender document. Hence, requested to provide the conceptual drain plan drawing.	Refer Attachment 6 of Corrigendum No. 2
35	Section VII-8A/Miscellaneous drawings/SI.No. 7/pg. no. 20	"Conceptual Plan Drainage arrangement (New Asaudha)-Drawing no. GC-HRIDC-C6-SK-CIVIL-006_A1"	Mentioned drawing no. is not available in tender document. Hence, requested to provide the conceptual drain plan drawing.	Refer Attachment 6 of Corrigendum No. 2
36	Section VII-8A/Miscellaneous drawings/SI.No. 7/pg. no. 20	"Conceptual Plan Drainage arrangement (Jasaur Kheri)-Drawing no. GC-HRIDC-C6-SK-CIVIL-007_A1"	Mentioned drawing no. is not available in tender document. Hence, requested to provide the conceptual drain plan drawing.	Refer Attachment 6 of Corrigendum No. 2
37	Section VII-8A/Miscellaneous drawings/SI.No. 7/pg. no. 20	"Conceptual Plan Drainage arrangement (Kharkhoda Kirholi)-Drawing no. GC-HRIDC-C6-SK-CIVIL-008_A1"	Mentioned drawing no. is not available in tender document. Hence, requested to provide the conceptual drain plan drawing.	Refer Attachment 6 of Corrigendum No. 2
38	Section VII-8A/Miscellaneous drawings/SI.No. 7/pg. no. 20	"Conceptual Plan Drainage arrangement (Tarakpur)-Drawing no. GC-HRIDC-C6-SK-CIVIL-009_A1"	Mentioned drawing no. is not available in tender document. Hence, requested to provide the conceptual drain plan drawing.	Refer Attachment 6 of Corrigendum No. 2
39	Section VII-8A/Miscellaneous drawings/SI.No. 7/pg. no. 20	"Conceptual Plan Drainage arrangement (New Harsana Kalan)-Drawing no. GC-HRIDC-C6-SK-CIVIL-0010_A1"	Mentioned drawing no. is not available in tender document. Hence, requested to provide the conceptual drain plan drawing.	Refer Attachment 6 of Corrigendum No. 2
40	RFP Part 1 and RFP Part 2	RFP Part 1 mentions Design and Construction of Civil Works (Earthwork, Bridges, Station Buildings, Retaining Walls & other miscellaneous Works) and General Electrical Services works from km 61.50 to km 126.03 RFP Part 2 ER mentions Design and Construction of Civil Works (Earthwork, Bridges, Station Buildings, Retaining Walls & other miscellaneous Works) and General Electrical Services works from km 61.50 to km 125.98 while same document in Clause 2.1.3 mentions The Contractor shall design and construct railway formation for 32.5 t axle load as per updated RDSO Specifications "Comprehensive Guidelines and Specifications for Railway Formation Specification No. RDSO/2020/GE: IRS-0004" from Chainage 61500.0 m to Chainage 126023.815 m for double tracks of Main line.	Kindly confirm the end Chainage of the Project.	Refer Item No. 11 of Corrigendum No. 2
41	Cl no 2.7 cc) of Section VII-5: Employer's Requirement - Outline Design Specifications (ODS) – Civil & BLT	The Contractor shall design the vertical curves at locations where the chainage in gradient is more than 0.4%.	Drawings provided in Section VII-8: Tender Drawings and Documents of Alignment Plan and Section, Vertical curves are provided even if algebraic difference between the grades is less than 0.4% (for example: curve given at chainage 616344.046, 62354.052, 63494.049, 75580, 88490 etc . Bidder understands that he can modify the profile as per IRPWM. Kindly Confirm.	Refer Item No. 29 of Corrigendum No. 2 and Sub-Clause 2.8 and 2.10 of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2.
42	General	As per Correction Slip No. 10 to the IRPWM 2020, rate of change of Cant and cant deficiency has been modified to 50 mm per second while Alignment plan in Tender drawings is based on based on rate of change of cant and of cant deficiency of 35 mm per second.	Clause 2.2 of ER which states that All codes & standards shall be of latest revision including all amendments & corrections. The bidder understands that the Plan and Profile has to be designed by the successful bidder as per the latest codes and provisions and the same shall be approved by the Authority for Construction. Kindly Confirm.	Refer Sub-Clause 2.8 and 2.10 of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2.

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43	Clause Number: 3.2 of ODS – Civil & BLT Page number 11	The contractor shall design formation in embankment/cutting for various heights as per approved L-Section.	The bidder understands that the Plan and Profile shall be developed by the successful bidder and approval shall be obtained from the PMC/Authority. Kindly Confirm.	Refer Sub-Clause 2.8 and 2.10 of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2.																																																											
44	Annexure F-2 section VII 2: Employers requirement – functional, List of Major Bridges, 1)GC-HRIDC-C6-DRW-BRD-GAD_01281_A0 2)GC-HRIDC-C6-DRW-BRD-GAD_01311_A0 GC-HRIDC-C6-DRW-BRD-GAD_01298_A0	The chainages of Major Bridge Br. No.281, 298 & 311 in Schedule A mentioned in annexure F-2 section VII 2: Employers requirement – functional, List of Major Bridges is not matching with the chainage mentioned in GAD drawings of respective major Bridges.	Kindly Confirm the Chainages of these Structures.	Refer Annexure F-2 of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2.																																																											
45	Annexure F-6/2 section VII 2: Employers requirement – functional, List of Major Bridges, 1)GC-HRIDC-C6-DRW-BRD-GAD_01267_A0 2)GC-HRIDC-C6-DRW-BRD-GAD_01273_A0 3)GC-HRIDC-C6-DRW-BRD-GAD_01303_A0 GC-HRIDC-C6-DRW-BRD-GAD_01304_A0	The chainages of Major Bridge Br. No.267, 273, 303 & 304 in Schedule B mentioned in annexure F-6/2 Section VII 2: Employers requirement – functional, List of Major Bridges is not matching with the chainage mentioned in GAD drawings of respective major Bridges.	Kindly Confirm the Chainages of these Structures.	Refer Annexure F-6/2 of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2.																																																											
46	ESP Drawings	Retaining Walls	Kindly provide the bifurcation of station wise lengths of Retaining Walls considered in scope of work.	Refer Annexure F-3 of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2 and revised Tender drawings (Attachment 6) of Corrigendum No. 2.																																																											
47	ESP Drawings of New Harsana Kalan Junction	Proposed Tracks on RHS of Existing Track.	Please confirm that the Embankment works at New Harsana Kalan Junction on the opposite side of existing IR Track as shown in ESP including Platform works are a part of the scope of this contract.	Refer Sub-Clause 2.2 a) of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2.																																																											
48	ESP Drawings	Retaining Walls	Kindly Confirm that the Retaining Walls at Station Locations shown in ESP Drawings are part of Schedule B.	Refer Sub-Clause 2.1.15 and 2.2 Section VII-2: Employer's Requirements-Functional/R1 (Attachment 4) of Corrigendum No. 2.																																																											
49	Section IV-Tender Forms. Cl. 5.2 Apportionment of Contract Price for payments under various Cost Centre for Sub-Head 'C'-Civil Works	<table border="1"> <thead> <tr> <th>Cost Centre</th> <th>Description of Cost Centre</th> <th>Percentage of Cost Centre 'C'</th> <th>Total Cost of Cost Centre</th> <th>Total Cost of Sub-Head 'C'</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> </tr> </thead> <tbody> <tr> <td>CD</td> <td>Design and As Built Drawing & Documents</td> <td>1.50%</td> <td>CD= 0.015x 'C'</td> <td rowspan="4">100% of SCH 'A'</td> </tr> <tr> <td>CE</td> <td>Earthwork and blanketing</td> <td>50.50%</td> <td>CE=0.505x 'C'</td> </tr> <tr> <td>CB</td> <td>Bridges</td> <td>38.00%</td> <td>CB=0.38x 'C'</td> </tr> <tr> <td>CS</td> <td>Station</td> <td>10.00%</td> <td>CS=0.10x 'C'</td> </tr> <tr> <td colspan="2">Total</td> <td>100.00%</td> <td></td> <td></td> </tr> </tbody> </table>	Cost Centre	Description of Cost Centre	Percentage of Cost Centre 'C'	Total Cost of Cost Centre	Total Cost of Sub-Head 'C'	1	2	3	4	5	CD	Design and As Built Drawing & Documents	1.50%	CD= 0.015x 'C'	100% of SCH 'A'	CE	Earthwork and blanketing	50.50%	CE=0.505x 'C'	CB	Bridges	38.00%	CB=0.38x 'C'	CS	Station	10.00%	CS=0.10x 'C'	Total		100.00%			<p>As per Cl. 5.2 the weightage of Cost center CS-Station is given as 10%, where as in Cl. 5.2.4 Stages of Payment i.e. Milestones of Cost Centre 'CS'- Stations Buildings</p> <p>The price weightage for CS-Station Building is depicted as 8.5%. This may be a typo error. Please clarify the actual weightage for-Station Buildings.</p> <table border="1"> <thead> <tr> <th colspan="2">Cost Centre</th> <th colspan="3">'CS'- Stations Buildings</th> </tr> <tr> <th colspan="2">Weightage of Cost Centre 'CS', (X)-</th> <th colspan="3">8.50 %</th> </tr> <tr> <th rowspan="2">Sub-Cost Centre</th> <th colspan="2">Item of Work</th> <th rowspan="2">Milestone</th> <th rowspan="2">Weightage (Y)</th> </tr> <tr> <th>No.</th> <th>Description</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> </tr> </thead> <tbody> <tr> <td></td> <td>CS.1.1</td> <td>Station building</td> <td>Construction of station building complete in all respects.</td> <td>1.40%</td> </tr> </tbody> </table>	Cost Centre		'CS'- Stations Buildings			Weightage of Cost Centre 'CS', (X)-		8.50 %			Sub-Cost Centre	Item of Work		Milestone	Weightage (Y)	No.	Description	1	2	3	4	5		CS.1.1	Station building	Construction of station building complete in all respects.	1.40%	Refer Item No. 7 of Corrigendum No. 2
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50	RFP Part-1, Section 3, Evaluation & Qualification Criteria, Cl. 3.4.2 (i), Specific Construction Experience in Key Activities	Specific Construction Experience in Key Activities	Bidder requests the authority to include criteria of Detailed Design to measure the technical capacity of the contractor as follows: “Contractor should have Completed the Detailed Design (during last 7 financial years from FY 2017-18 to 28 days prior to deadline of Tender submission) for one contract having Length equal to minimum 65 Km or more which involves Earthwork in formation and execution of PSC/RCC/Steel Bridge works, pertaining to Construction of Main Line (New Lines/Doubling/3rd/4th line) and Dedicated Freight Corridors only.”	Refer New Sub-Clause 3.5 of revised Section III, EQC/R1 (Attachment 1) of Corrigendum No. 2																														
51	General	As per IRSOD, Maximum gradient in station yards Should be 1 in 1200.	In Badsa Station, Grade of 1 in 157 is followed for around 150 m after starting of Yard. 1 in 1200 gradient is to be followed in yards as per IRSOD. The bidder understands that the Profile design of yards shall be done with 1 in 1200 gradient and shall be submitted for approval. Kindly Confirm.	Refer revised Tender drawings in Attachment 6 of Corrigendum No. 2																														
52	Section – III Evaluation Qualification Criteria, b) - Remarks, Page no. 78	Quoted single percentage (%) Excess (+) or Less (-) on the estimated amount for each Sub-Schedules 'B1' to 'B8' of Schedule 'B' in the prescribed place of Price Schedule in MS-Excel file of Financial Part.	Bidder request the Authority to kindly check and modify the text “B8” as “B14” as per the number of the sub schedule given in the table under Schedule B.	Refer Item No. 4 of Corrigendum No. 2																														
53	Section – IV Tender Forms, 6. Schedule 'B' - Retaining Wall, Bridges & other Civil works, Page no. 233, BOQ Excel	<table border="1"> <thead> <tr> <th colspan="6">SCHEDULE 'B': Bridges, Retaining Wall & other Civil works</th> </tr> <tr> <th>S. No.</th> <th>Sub Schedule</th> <th>Description</th> <th>Item Range</th> <th>No. of Items</th> <th>Estimated Amount (INR)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>B1</td> <td>Bridge Works-Steel Super Structure -Open Web Girder (USSOR Based item)</td> <td>1</td> <td>1</td> <td>2,40,84,54,182.99</td> </tr> <tr> <td colspan="2">1</td> <td colspan="4">Schedule 'B': Bridges, Retaining Wall & other Civil works</td> </tr> <tr> <td>1.01</td> <td></td> <td>SUB SCHEDULE-B1: Bridge Works-Steel Super Structure - Open Web Girder (USSOR Based item)</td> <td></td> <td></td> <td>2,408,451,182.99</td> </tr> </tbody> </table>	SCHEDULE 'B': Bridges, Retaining Wall & other Civil works						S. No.	Sub Schedule	Description	Item Range	No. of Items	Estimated Amount (INR)	1.	B1	Bridge Works-Steel Super Structure -Open Web Girder (USSOR Based item)	1	1	2,40,84,54,182.99	1		Schedule 'B': Bridges, Retaining Wall & other Civil works				1.01		SUB SCHEDULE-B1: Bridge Works-Steel Super Structure - Open Web Girder (USSOR Based item)			2,408,451,182.99		Refer Item No. 8 of Corrigendum No. 2 and Revised BOQ MS Excel sheet uploaded on eProcurement portal.
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54	Section – IV, Form PER 2, Page no. 93, Sub-schedule 'B1', page no. 234, Sub-schedule 'B7', page no. 243, Sub-schedule 'B8', page no. 244, Sub-schedule 'B14', page no. 285,	Footer: <table border="1"> <tr> <td>Tender No. HORC/HRIDC/HORC/C-5/2023</td> <td>Tender Document (Final)</td> </tr> </table>	Tender No. HORC/HRIDC/HORC/C-5/2023	Tender Document (Final)	Bidder understands that wherever the foot note mentioned in the tender document “Tender No. HORC/HRIDC/HORC/C-5/2023” should be read as “Tender No. HORC/HRIDC/C-6/2024”. Please confirm.	Refer Item No. 5 and Item No. 8 of Corrigendum No. 2																												
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55	Section VII-8A Tender Drawings	4.1.1 MINOR BRIDGES -MAIN LINE	Below mentioned drawings are missing: - 159. Conceptual general arrangement drawing for Balancing Culvert Bridge No. 358 Span 1x5x3.15 RCC Box at Ch: 114008.865 186. Conceptual general arrangement drawing for Pipe Culvert Bridge No. 393 Span 1x1.2 RCC Box at Ch: 121953.670 187. Conceptual general arrangement drawing for Pipe Culvert Bridge No. 394 Span 1X1.2 RCC Pipe at Ch: 125932.564	Refer Attachment 1 of Corrigendum No. 1 and Attachment 6 of Corrigendum No. 2.																														

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56	Section VII-8A Tender Drawings	4.1.2 MINOR BRIDGES- CONNECTING LINE	Below mentioned drawings are missing: - A. BADSA TO SULTANPUR 1. Conceptual general arrangement drawing for RUB bridge no. 4A Span 1X4X4 dia, at Ch:2727.62	Refer Attachment 6 of Corrigendum No. 2.
57	Section VII-8A Tender Drawings	5. MISCELLANEOUS DRAWINGS (CONCEPTUAL PLANS)	Below mentioned drawings are missing: - 2. Conceptual Plan Typical embankment/cutting profile 11. Conceptual Plan for Auto location hut (S&T) 16. Conceptual Plan for RCC duct of signaling cable 18. Conceptual Plan for Self-Supporting roof covering Shed 25. Conceptual Plan for sump 27. Conceptual Plan Drainage arrangement (Badsa) 28. Conceptual Plan Drainage arrangement (Deverkhana) 29. Conceptual Plan Drainage arrangement (Badli) 30. Conceptual Plan Drainage arrangement (Mandothi) 31. Conceptual Plan Drainage arrangement (New Asaudha) 32. Conceptual Plan Drainage arrangement (Jasaur Kheri) 33. Conceptual Plan Drainage arrangement (Kharkhoda Kirholi) 34. Conceptual Plan Drainage arrangement (Tarakpur) 35. Conceptual Plan Drainage arrangement (New Harsana Kalan) 36. Conceptual Plan Bank/cutting benching at interface locations 41. Conceptual plan location of OHE Mast for composite girder bridges 42. Conceptual Plan for Cross- sectional sketch of ALH 43. Conceptual Plan drains between HORC embankment & KMP 44. Conceptual Plan S&T hut	Refer Attachment 1 of Corrigendum No. 1 and Attachment 6 of Corrigendum No. 2.
58	6 Schedule 'B': Retaining Wall, Bridges & other Civil works	6.11 Sub-Schedule 'B11'	Total Estimated Value of SUB SCHEDULE-B11 is incorrect in given clause, pg.no.261(printed in document) Kindly clarify the ambiguity.	Refer Item No. 8 of Corrigendum No. 2
59	Section IV Tender Forms Clause 4	Methodology for Claiming Payment The Contractor shall prepare his monthly application for payment in the agreed format in two hard copies and one soft copy. This shall be accompanied by supplementary details in accordance with Sub- Clause 14.3 [Application for Interim Payment Certificates] of the General Conditions. All hard copies shall bear the original signatures of the Contractor's Representative and be submitted to the Engineer. If these are found in order, in accordance with Sub-Clause 14.6 [Issue of Interim Payment Certificates] of the General Conditions, then the Engineer shall forward two certified copies of the application along with certified supplementary details to the Employer, with his recommendation for payment; otherwise, all documents shall be returned to the Contractor for rectification and resubmission.	Please clarify that it should be mentioned days for certifying the payment and issuance of IPC. "Within 10 days of receipt of application for payment from the Contractor, the Engineer shall forward two certified copies of the application along with certified supplementary details to the Employer. Subsequently, Payment shall be released to Contractor within 10 days of the receipt of recommendation of the Engineer, the Employer shall make electronic payment directly to the Contractor's Bank Account.	Refer Item No. 79 and 80 of Corrigendum No. 2
60	4. Bridges	GAD	GAD are not available for the Bridge No. 159, 161, 163, 186, 187, 190, 191, 196, 262, 265, 270, 276, 280, 282, 284, 286, 288, 383, 385, 386, 387, 393, 394	Refer Attachment 1 of Corrigendum No. 1 and Attachment 6 of Corrigendum No. 2.
61	1. Alignment	Plan and Profile	Cross section dimension shown in Plan and Profile for Bridge Nos 173, 225, 380, 377, 392, 317, 315 are not matching with the GAD	Refer Attachment 6 of Corrigendum No. 2.

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62	4.Bridges	GAD	Configuration For bridge no. 164, In GAD is given as RUB but in plan and profile it is shown as Box culvert.	Refer Attachment 6 of Corrigendum No. 2.
63	4.Bridges	GAD	Change Shown in GAD are not matching with the plan and profile for the Bridge No. 187, 193, 205	Refer Attachment 6 of Corrigendum No. 2.
64	4.Bridges	GAD	For GAD of bridge no. 290 reference drawing no. mismatching	Refer Attachment 6 of Corrigendum No. 2.
65	1. Alignment	Plan and Profile	In Plan & Profile bridge configuration is shown as 2 x 2 m pipe culvert for the bridge no 186, 191,241 where as in GAD it is shown as Box culvert	Refer Attachment 6 of Corrigendum No. 2.
66		RUBs	Kindly provide plan & profile of RUBs approach road which is to be develop by the contractor given in cl.2.1.6 and cl.2.1.7.	Refer Sub-Clause 1.1 of Section VII- 2: Employer's Requirements – Functional/R1 (Attachment 4) and Item No. 2 & 71 of Corrigendum No. 2.
67	Section VII - Employer's Requirements Functional	ANNEXURE-F-3 List of items of works to be carried out at stations under Schedule 'A' 2. (b) Surfacing of platform with voe RCC precast coping, tactile tiles, precast fencing at end platforms.	Kindly provide cross section details of platform to be constructed.	Refer revised Tender drawings of ESP and Station given in Attachment 6 of Corrigendum No. 2.
68	Section VII-88 Documents	5.MISCELLANEOUSDRAWINGS (CONCEPTUAL PLANS)	Below mentioned drawings are missing from documents. <ul style="list-style-type: none"> •GC-HRIDC-SK-GEN-OOI_AI •GC-HRIDC-SK-GEN-008_AI •GC-HRIDC-SK-GEN-012 •GC-HRIDC-SK-GEN-017 •GC-HRIDC-SK-GEN-020 •GC-HRIDC-SK-GEN-027 •GC-HRIDC-SK-GEN-030 •GC-HRIDC-C6-SK-CIVIL-002_AI •GC-HRIDC-C6-SK-CIVIL-003_AI •GC-HRIDC-C6-SK-CIVIL-004- AI •GC-HRIDC-C6-SK CIVIL-005- AI •GC-HRIDC-C6-SK-CIVIL-006_AI •GC-HRIDC-C6-SK-CIVIL-007_AI •GC-HRIDC-C6-SK-CIVIL-008_AI •GC-HRIDC-C6-SK-CIVIL-009_AI •GC-HRIDC-C6-SK-CIVIL-0010_AI •GC-HRIDC-CS-SK-CIVIL-009_AI •GC-HRIDC-C6-SK-GEN-036 •GC-HRIDC-C6-SK-GEN-037 •GC-HRIDC- C6-SK-GEN-038 •GC-HRIDC- C6-SK-GEN-031 •GC-HRIDC- C6-SK-GEN-039_AO •GC-HRIDC- C6-SK-GEN-041_AO •GC-HRIDC- C6-SK-GEN-002_AO 	Refer Attachment 1 of Corrigendum No. 1 and Attachment 6 of Corrigendum No. 2.
69	Page No. 42,43,46,47,& 48	ESPs	As per the ESPs, one side of the proposed ROW seems to be insufficient at some station yards, such as Asaudh, Devarkhana, Badsa, Jasaur Kheri and Kharkhoda. Kindly confirm.	Refer Sub-Clause 1.7 of Section VII-2: Employer's Requirements – Functional/R1 (Attachment 1) of Corrigendum No. 2 and Item No. 68 of Corrigendum No. 2.
70	General	Typical cross section	Kindly provide typical cross section of embankment and cutng section.	Refer Attachment 6 of Corrigendum No. 2.

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71	Drawing	MJBs	Kindly clarify whether is it allowed to fully/partially block the major roads during construction which are passing below MJBs. If it is not allowed than at few location OWG superstructure can not be erected in situ and push launching methedolgy needs to be adopted. please confirm.	Refer Sub-Clause 1.4 of Section VII-2:Employer's Requirements -Functional/R1 (Attachment 4), Item No. 37 and Item No. 40 of Corrigendum No. 2.
72	Drawing	MJBs	At few chainages (example at ch74339,ch 91968,ch 111210) pier is coming inside leaf junctions of KMP expressway. At this location construction of pier/foundation requires temporary VUPs or other arrangements. We understand that cost and permission for the same will be provided by the client. kindly confirm.	Refer Sub-Clause 1.4, Sub-Clause 2.2 (m) and Annexure F-7 of Section VII-2:Employer's Requirements -Functional/R1 (Attachment 4), of Corrigendum No. 2.
73	Drawing	MJBs	At location (ch74339,ch 91968,ch 111210) where railway pier is coming inside KMP embankment, construction of substructure/foundation requires special stabilty arrangement of existing embankment. We assume that permission & cost for same will be provided by clients.	Refer Sub-Clause 1.4 and Annexure F-7 of Section VII-2:Employer's Requirements -Functional/R1 (Attachment 4), of Corrigendum No. 2.
74	Drawing	MJBs	Kindly provide details of existing structure of KMP expressway and its distance from proposed structure. At few location it seems that wing wall/toe wall may interfere with existing bridge. Ex at ch 61698.	Refer Item No. 2 of Corrigendum No. 2 and Sub-Clause 1.1 of Section VII 2: Employer's Requirements – Functional/R1 (Attachment 4) of Corrigendum No. 2 and Item No. 71 of Corrigednum No. 2.