

C-5: REPLIES TO PRE-TENDER QUERIES - CATEGORY -2_20.12.2023

Contract Package C-5 : Composite Contract package in connection with New BG Double Railway Line of HORC project between stations Prithla and Dhulawat for:

- (i) Design and Construction of Civil Works (Earthwork, Bridges, Stations and Retaining Walls) from km -2.296 to km 12.00 & km 18.00 to km 20.942;
(ii) Design & Construction of viaduct from km 20.942 to km 24.844;
(iii) Design & Construction of Ballastless track from km 20.842 to km 24.844; and
(iv) Design, Supply, Installation, Testing & Commissioning of General Electrical Services from km -2.296 to km 12.00 and Km 18.00 to Km 24.844.

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1	Section IV. Tender Forms Appendix A to Financial Part: Schedule of Adjustment Data 1. Price adjustment	Steel (PS) =25%	Bidder requests to increase the percentage allocated to Steel (PS) to 40% as major component is steel structure in Viaduct.	Refer Item No. 1 of Corrigendum No. 1
2	Clause 2.1 of GCC & Contract Data. Pg. 8	ii. In the balance 20% of the project length, LT/HT lines run parallel to the HORC. Action for shifting of the same has been taken by the Employer. The land in this portion shall be handed over in a phased manner within 180 days of the Commencement Date.	Please confirm whether these LT/HT lines will be shifted by Employer or utility owing agency. Bidder understand hindrance free site will be provided. Please confirm.	Refer Item No. 61 of Corrigendum No. 1.
3	General		Please confirm that tree cutting permission if required will be provided by Employer.	Refer Item No. 12 and 60 of Corrigendum No. 1.
4	General	Employer's Requirements	What is the maximum span of superstructure which can be adopted?	Refer Item No. 19 of Corrigendum No. 1.
5	General	Employer's Requirements	Can viaduct be provided with shallow foundations, if possible?	Refer Sub-Clause 2.1.6 of Section VII-2, Functional/R1 Part 2- Employer's Requirements, Attachment 03 of Corrigendum No.1 and Refer Sub-Clause 4.3 a) iv of Section VII-5 - ODS (Civil & BLT)
6	General	General Arrangement Drawings (Stations)	Please provide HVAC requirements for station building.	Refer Item No. 49 of Corrigendum No. 1 . Refer Sub- Clause 1.2 (13), 1.2 (14) of Chapter 1, Section VII-7A of attachment 4 and Refer Tender drawings of Stations, ALH and S&T Hut.
7	General	General Arrangement Drawings (Stations)	Please provide detailed specifications for doors and windows for all the stations.	Refer Sub-Clause 4.3.3 and Sub-Clause 4.4.1 of Section VII-6:OCS (Civil & BLT) along with Tender Drawings of Part 2-Employer's Requirements of Tender Document.

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8	General	General Arrangement Drawings (Stations)	Please provide underground cable ducting requirement and layout for all the stations, if required.	Refer Sub-Clause 2.2 (g) of Section VII-2, Functional/R1 Part 2- Employer's Requirements, Attachment 3 of Corrigendum No.1.
9	General	General Arrangement Drawings (Minor Bridges)	What is the length of height gauge to be provided in minor bridges?	Refer Item No. 21 of Corrigendum No. 1.
10		General Arrangement Drawings (Minor Bridges)	Is realignment of nallah of minor bridges is under the scope of contractor.	Refer Annexure F-7 of Section VII-2, Functional/R1 Part 2- Employer's Requirements, Attachment 3 of Corrigendum No.1.
11		General Arrangement Drawings (Minor Bridges)	At some minor bridge locations, piles are provided below box culverts. Is it mandatory at those locations to provide piles.	Refer Note 4 of Annexure F-1, Note 5 of Annexure F-6 of Section VII-2: Functional /R1 Attachment 3 of Corrigendum No.1. and Sub-Clause 4.10 of Section VII-5:ODS (Civil &BLT), Part 2- Employer's Requirements of Tender Document.
12		General Arrangement Drawings (Major Bridges)@ chainage 11543, 14472, main viaduct	Is it mandatory to provide well foundation as shown in GAD?	Refer Note 5 of Annexure F-6, Note 4 of Annexure F-2/2 and Sub-Clause 2.1.6 of Section VII-2:Functional /R1 Attachment 3 of Corrigendum No.1.
13	General		Between Chainage Km 4.000 to 5.000, the existing ground levels have been very low, since on visiting site, it seems the fill (approx. by 5 to 8 m) has been used by some other agencies for their work on the land which is coming under ROW. Request to Highlight the same & clarify whether the principal contractor will do filling or HRIDC will give approx. uniform level land to us.	Refer Sub-Clause 2.8.3 of Section VII-2: Functional /R1 Attachment 3 of Corrigendum No.1.
14	Clause 4.8.3-a of Section VII-5: Employer's Requirements -Outline Design Specifications (ODS) – Civil & BLT	This clause is mentioning that Reactions in pile are calculated using rivet theory.	Please confirm if contractor can take the effect of soil structure interaction in calculating the pile and substructure forces.	Refer Item No. 37 of Corrigendum No. 1

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15	Clause 4.3-a(iv) of Section VII-5: Employer's Requirements -Outline Design Specifications (ODS) – Civil Drawing no. GC-HRIDC-C5-DRG-BRD-GAD-01045_A0	This clause is specifying that the foundation system shall be same as shown in tender drawing and the drawing is showing well foundation. The note no, 11 is specifying "DETAILED GAD WILL BE PREPARED BASED ON THIS CONCEPTUAL APPROVED GAD"	We understand, based on the Geotechnical requirements, contractor can change the type of footing to pile/open foundation. Please confirm.	Refer Sub Clause 2.1.6 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.
16	Section VII 2: Employer's Requirements – Functional 2.1.28 Safety of adjoining structures of DFC	Alignment is passing adjacent to DFC Tracks. The Contractor shall ensure that the design and construction of the Works should be carried out with adequate measures for the safety & protection of DFC or any other nearby structures. Construction activities shall be planned without affecting the operations of the existing system. It shall be ensured that no damage is caused to any element/person/ property of these systems. The Engineer/ Employer shall be indemnified against any damage caused to such structures at no extra cost.	Please provide the alignment of DFCC with embankment levels, as our alignment is running in parallel with them. Necessary for us to have details of their alignment as our embankment will be connecting with their formations/embankments.	Refer Plan & L-section provided in Section VII-8 A and Refer Sub-Clause 1.1 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.
17	Section VII 2: Employer's Requirements – Functional 2.8 ALIGNMENT OF TRACKS	The alignment shall be as shown in the Tender drawings. The alignment has been developed by the Employer to meet operational and technical criteria. The Contractor is not required to evaluate the alignment for compliance with these criteria but shall review it with respect to his own design and construction proposals and shall satisfy himself that it suites to the available land width and there is no conflict with the clearances at proposed structures.	The bidder requests to provide the DFCC alignment & the available drawings to review the alignment to avoid any clashes/conflicts.	Refer Plan & L-section provided in Section VII-8 A and Refer Sub-Clause 1.1 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.
18	Section IV Tender Forms Appendix A of ITT, Cl. 1.2 f (Table – Percentages for Price Adjustment) Pg. no 146	a)Cost Centre CB [Bridge] of Price Sch. A Labour – 10% P&M – 15% b)Cost Centre CV [Viaduct] of Price Sch. A Labour – 10% P&M – 15%	In construction industry, labour play important roles throughout the construction period. In addition to the above, the wages of the labour have gone up in the last 3-4 years. Keeping in mind of the above, it is requested to modify the percentage weightage of labour and P&M component in proportion to the actual cost incurred as shown below: a)Cost Centre CB [Bridge] of Price Sch. A Labour – 20% P&M – 5% b)Cost Centre CV [Viaduct] of Price Sch. A Labour – 20% P&M – 5%	Refer Item No. 1 of Corrigendum No. 1

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19	Section VII-8A		Kindly Upload conceptual General Arrangement Drawing for Prop. Drain Crossing bridge no.63 1x5x4.9+1x12.2m+1x5x4.9 (PSC U Slab +RCC Box) at CH: 18310 (CANAL CROSSING INDRI DISTRIBUTARY RD 11260)	Refer Item No. 55 of Corrigendum No. 1.
20	Section VII-8A		Kindly upload conceptual General Arrangement Drawing for Road Under Bridge no. 41 Span 1x12x5.650 RCC Box at Ch: 10709.675	Refer Item No. 55 of Corrigendum No. 1.
21	Section VII-8A		Kindly upload conceptual General Arrangement Drawing Proposed RUB Bridge No. 26 1x12x6.10 m, RCC Box Ch: 7753.296m	Refer Item No. 55 of Corrigendum No. 1.
22	Section VII-9: Appendices,	Sub-Clause 10.14 of Appendix 10	Kindly provide the inventory of trees to be cut since it is in contracts scope.	Refer TDS 7.2 Section I: ITT Part 1 and Sub-Clause 1.1 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.
23	Section VII-8	4. Indicative List of Existing Structures to be Dismantled	We understood that payment for dismantling existing structures would be done under Schedule A. Please clarify.	Refer Item No. 60 of Corrigendum No. 1 and Refer Sub-Clause 2.1.26 a) of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.
24	1.2 [Forest and Environmental Clearance] of Section VII [ER 1 General], Pg 1.	It is mentioned that for railway projects no prior environmental clearance is required as per Environment Impact Assessment (EIA) Notification, 2006. Further, the Forest (Conservation) Act, 1980 is not applicable to the Project in terms of Ministry of Environment, Forest and Climate Change (MoEFCC's) OM No.11-37/2016 FC dated 10.03.2022. However, certain part of the Project falls in specified area of Aravalli range. The clearance for specified area of Aravalli range is under process and is likely to be obtained before the award of contract.	Requested to provide details and number of trees (if any) identified by Employer and the status of applicable permits for felling of such trees. Further, Tenderer also requests you to specify the time limit in which the Employer will procure the necessary applicable permits required for felling of trees (if any). bidder requests to confirm the modality of reimbursement of the cost to be incurred by the Contractor for felling of the trees (if at all required).	Refer Item No. 12 of Corrigendum No. 1. Refer Item No. 60 of Corrigendum No. 1.
25	10, [Implementation of Software based billing and Project Management System] of Section VII [ER 1 General], Pg 15.	The contractor shall perform all billing processes through the software-based billing system as and when introduced by HORC.	The bidder requests the Employer to provide more details regarding the software-based billing system and a tentative schedule for its implementation in the Project. The bidder understands that the ownership of the software lies with the Employer, and all associated operational, training, and maintenance expenses are the responsibility of the Employer, and the bidder is not required to include any cost in this regard in its bid.	Refer Item No. 15 of Corrigendum No. 1.

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26	14, [Project Management Information System] of Section VII [ER 1 General], Pg.18	The Contractor shall utilise an available PMIS such that all documents generated by the Contractor can be transmitted to the Engineer by electronic means (and vice versa) and that all documents generated by either party are electronically captured at the point of origin and can be reproduced later, electronically and in hard copy. A similar link shall also be provided between the Engineer office at site and the Employer's Office by the Contractor. In case of non-availability, the Contractor may devise a PMIS of its own	The bidder understands that the software essential for the existing PMIS is owned by the Employer, and all operational, training, and maintenance expenses pertaining to it during the Project shall be covered by the Employer. Consequently, the bidder is not obliged to include any provisions for these costs in the bid. Nevertheless, should the Contractor need to formulate a new PMIS, the bidder requests more detailed information, including specifications for the required software/platform, the number of users, storage requirements, etc. The Tenderer emphasizes that without specific requirements or details, accurate cost estimation for such a system would be challenging.	Refer Item No. 15 of Corrigendum No. 1.
27	2.1.3, [Design and Construction of Railway formation] of Section VII [ER 2 Functional] Pg. 2 &3	"...Royalty and other taxes payable for use of employer's earth shall be borne by the Contractor . Surplus/ unsuitable Employer's earth shall be disposed off by the Contractor at his own cost."	The bidder understands that the excess or unsuitable earth must be disposed of by the contractor within a radius of 1 kilometer. An appropriate proportional rate for distances exceeding 1 kilometer may be included in the clause	Refer Sub-Clause 2.1.3 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.

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28	2.1.28 [Safety of adjoining structures of KMP Expressway and IR] of Section VIII [ER 2 Functional], Pg 8.	Alignment is passing adjacent to KMP Expressway/IR Tracks. The Contractor should ensure that the design and construction should be carried out with adequate measures for the safety & protection of KMP/IR structures. Any of the construction activity shall be planned without affecting the operations of the existing system. It should be ensured that no damage is caused to any such element/person/ property and Engineer/ Employer shall be indemnified against such damage at no extra cost.	The bidder understands any change in span arrangement or structure configuration, if necessary, during construction to accommodate the requirements of adjacent alignment of KMR Expressway / IR Tracks or for any other site constraints shall be treated as variation as per Clause 13.1 of the Contract	Tender documents are self explanatory.
29	2.1 [Right of Access to the Site] of Section VIII [GCC] and Sr. no 18 Time for Access to the Site [PCC, Part A-Contract Data]	(i) Land for formation for about 80% of the project length (main line and connectivity) will be handed over within 7 days after the Commencement Date. (ii) In the balance 20% of the project length, LT/HT lines run parallel to the HORC. Action for shifting of the same has been taken by the Employer. The land in this portion shall be handed over in a phased manner within 180 days of the Commencement Date. In case, the Employer is not able to hand over the complete land at a few isolated locations due to any reasons within 180 days of the commencement Date and such isolated patches do not affect the progress of work at other locations, no claims shall be accepted by the Employer for delay in handing over of such isolated patches of land. The Contractor shall plan his works taking this aspect into consideration. Notwithstanding the above, where the Contractor considers that the works are likely to be affected due to non-handover of the land at certain locations (being on the critical path), any claim for additional time and cost by the Contractor shall be supported by justifications/ calculations with respect to the latest work program, and other schedules which shall be dealt with in accordance with GCC 2.1, 20.1, 3.7 and other applicable provisions of the Contract.	The bidder requests to provide at least 90% encroachment free and encumbrance free site within 7 days from the Commencement Date and 100% encroachment free and encumbrance free site within 90 days from the Commencement Date. The bidder requests to provide current status of land under the possession of the Employer. Besides above the bidder requests to provide RoW i.e. co-ordinates of left & Right and centre line.	Tender conditions remain unchanged. Refer Part A - Contract Data, Sub-Clause 2.1 of Section IX: Particular Conditions of Contract (PCC), Part 3 of Tender Document Refer Sub-Clause 1.1 of Section VII-2: Functional /R1 Attachment 3 of Corrigendum No.1.
30	8.3 [Programme] of Section IX PCC, Pg. 41.	Replace the first sentence of the of the first paragraph of Sub-Clause 8.3 with the following: The Contractor shall submit an Initial Programme for the execution of the Works to the Engineer within 28 days after issue of Letter of Acceptance.	The tenderer understands that the Contract Agreement is expected to be executed within 35 days from the issuance of the Letter of Acceptance. The bidder requests clarification on the timeframe within which the Engineer will issue the Notice for Commencement subsequent to the signing of the Contract Agreement. This clarification will aid the contractor in preparing the Initial Programme following the Letter of Acceptance	Refer Item No. 65 of Corrigendum No.1.
31	General	RUB	The Bidder understands that in case of RUB approaches infringing beyond the RoW, then any additional land or cost incurred in diversions/ Construction and permission from relevant Authorities shall be on the Scope of the Employer.	Refer Annexure F-7 of Section VII-2: Functional /R1 Attachment 3 of Corrigendum No.1.

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32	6.0 & 6.2 & 6.3.5 ENVIRONMENT AND SOCIAL MANAGEMENT	All trees and shrubs, which are not specifically required to be cleared or removed for construction purposes, shall be preserved and protected from any damage by use of protective barriers or other methods approved by Engineer;	Please furnish comprehensive details regarding the quantitative aspects of Tree cutting, Transplantation, and Afforestation, specifically encompassing the numbers and girth measurements involved in these activities.	Refer Corrigendum Item No. 12 and Item No 60 of Corrigendum No.1 and Sub-Clause ITT 7.2, Section II - TDS, Part 1 of Tender Document.
33	6.0 & 6.2 ENVIRONMENT AND SOCIAL MANAGEMENT	6.2 The Contractor shall always comply with all relevant National and State legislations regarding environmental protection, pollution prevention and control, waste management and other relevant environmental matters, including but not necessarily limited to, the following with their latest amendments:	Please provide a comprehensive update on the clearance status for the specified area within the Mountain range, plain land Specifically, detailed information regarding the as on date status of Environment and Forest clearances pertaining to this project.	Refer Item No.12 of Corrigendum No. 1.
34	10.46.3 Uncharted Utility in Section VII-9: Employer's Requirements- Appendices	Any relocation/removal/diversion of Chartist Utility shall be entirely the Contractor's responsibility and any cost on this account shall be borne by the Contractor.	If any unforeseen overhead crossing utility emerges and requires relocation, the bidder acknowledges that the authority will acquire and cover the compensation costs for acquiring land necessary to relocate towers outside the Right of Way.	Refer Sub-Clause 10.46.9 of Appendix - 10 - Section VII-9-Appendices, Part 2 of Tender Document and Refer Item No. 63 of Corrigendum No. 1.
35	6.9 Cultural & religious issues	section VII-9: Employers' Requirements -Appendices	Please give specifics regarding the dismantling of structures within the Right of Way (ROW), including the count of structures and their respective sizes in square meters (SQM). The contractor acknowledges that the cost incurred for removing these structures will be reimbursed by the authority.	Refer Item No. 56 and Item No. 60 of Corrigendum No. 1.
36	6.0 & 6.2 ENVIRONMENT AND SOCIAL MANAGEMENT		Please clarify if Forest clearance is required or not for the proposed alignment	Refer Item No. 12 of Corrigendum No. 1.
37	6.0 & 6.2 ENVIRONMENT AND SOCIAL MANAGEMENT		Please clarify if the alignment is passing through the eco sensitive zone and the status of clearance for the same	Refer Item No. 12 of Corrigendum No. 1.
38	6.0 & 6.2 ENVIRONMENT AND SOCIAL MANAGEMENT		Please clarify if the alignment is passing through a bird sanctuary or not	Refer Item No. 12 of Corrigendum No. 1.
39	10.46.2 Chartist Utility	Between Chainage (-) 2296m to 10000m S&T signal and telecom cables of DFCCIL runs generally parallel to HORC alignment. These cables will get buried under the HORC embankment and will be required to be shifted. Shifting of cables shall be done by the Contractor and shall be paid under Schedule 'D'	Please provide detailed information regarding the SNT (Signal and Telecommunication) cables specified under Clause Type C - Underground S&T Cables in Section VII-9: Employer's Requirements- Appendices 10.46.2 Chartist Utility within the document	Refer Item No. 61 and Item No. 62 of Corrigendum No. 1.

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40	Section VII 2: Employer's Requirement – Functional, Clause: 2.1.6 Page No: 3	The Contractor shall design and construct viaduct for double track from Chainage 20942.473 m to Chainage 24843.548 m & Tender Drawing number GC-HRIDC-ALL-DRW-ALN-P&P-20-25KM_A0	As per the contract the chainage of Viaduct is from 20942.473 to 24843.548 whereas as per Tender alignment drawing the chainage is from 20915.887m to 24843. Kindly confirm which chainage are applicable for the viaduct.	Refer Item No. 55 of Corrigendum No. 1. Refer Revised Tender Drawing Section VII-8A: Tender Drawings, Part 2-Employer'S Requirements of Tender Document.
41	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 bidder understands that the type of drains given are indicative. Request authority to allow contractor to design and choose the type of drain as per relevant codal provisions.	Tender Conditions remain unchanged
42	Section VII – 5: ER-ODS – Civil & BLT, Clause no 2.7 (a), 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 P-Way Manual June 2020 Corrected upto ACS 11 - Cl no 404 (b) “The equilibrium speed for determination of cant to be provided shall be decided by the Chief Engineer,...” Kindly provide the Equilibrium speed for this section.	Refer Item No. 22 of Corrigendum No. 1
43	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 1DN, 3DN, 3 UP, 10 DN, 22 UP, 11 DN, 23 UP are having 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.	Tender documents are self explanatory.
44	Section VII 2: Employer's Requirement – Functional 2.1.17	Design of precast/cast in situ RCC longitudinal drain	Kindly provide the design return period/ recurrence interval of floods to be considered for drainage design.	Refer Item No.23 of Corrigendum No. 1.
45	CI 5.3.3, OUTLINE DESIGN SPECIFICATIONS: STATIONS, Employer's Requirements PART 2, Pg 51	CI 5.3.3 point 3 specifies “Approach roads shall be designed for 450 commercial vehicles /day & for a design period of 30 years or more as per IRC:58-2015. Approach road shall have VDC of minimum thickness 250 mm.	The cited clause mentions IRC:58-2015, which proposes PQC as top layer. Kindly confirm that PQC layer 250 mm thickness shall be adopted.	Tender conditions remain unchanged.
46	CI 2.1.24, C5RFP PART2 VII1toVII7, Section VII-2: Functional, General, Employer's Requirements PART 2, Pg 7	CI 2.1.24 specifies “Reinstatement/Restoration of roads and services with new material of similar specification as per codal requirement after completion of work for the area disturbed by the Contractor during construction activities”	Kindly specify the provisions made in DPR along with list of such locations for reinstatement of roads and services.	Refer Sub-Clause 2.1.24 of Section VII-2, Functional /R1, Attachment 3 of Corrigendum No.1.

C-5: REPLIES TO PRE-TENDER QUERIES - CATEGORY -2_20.12.2023

Contract Package C-5 : Composite Contract package in connection with New BG Double Railway Line of HORC project between stations Prithla and Dhulawat for:

- (i) Design and Construction of Civil Works (Earthwork, Bridges, Stations and Retaining Walls) from km -2.296 to km 12.00 & km 18.00 to km 20.942;
(ii) Design & Construction of viaduct from km 20.942 to km 24.844;
(iii) Design & Construction of Ballastless track from km 20.842 to km 24.844; and
(iv) Design, Supply, Installation, Testing & Commissioning of General Electrical Services from km -2.296 to km 12.00 and Km 18.00 to Km 24.844.

Category 2 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
47	Cl 2.1.8 and 2.1.9 Design and construction of major and minor bridges, Scope of work, Employer's Requirements PART 2, Pg 4	As per clauses 2.1.8 and 2.1.9 specifies "Approach Road on both sides of RUBs shall be designed and constructed by the Contractor up to ROW of HORC for full clear width of RUB.	Bidder understands that flexible pavement shall be adopted for RUB approach roads, as per RFP.	Refer Item No. 20 of Corrigendum No. 1
48	Section VII-8: Tender Drawings and Documents, Conceptual sketch for single and double lane road, Pg 128	Typical cross-section shows, 1) Pavement crust details for Single/double lane road. Pavement crust details for Footpaths.	Contractor understands that the pavement crust details given in the sketch, without details of applicability, are indicative and request the authority to provide design freedom to the contractor to design the pavement as per IRC guidelines.	Tender documents are self explanatory.
49	Section IV – Tender Forms, Appendix A to Financial Part , Clause 1 Price Adjustment , Sub clause 1.2 (e) , Page 145	So = Average Rate of RINL for Rebar 8 mm (coil) as published for Ludhiana Branch on their website for the Base Month; Si = Average rate of RINL for Rebar 8 mm (coil) as published for Ludhiana Branch on their website for the 3 months of the quarter under consideration	In Schedule-A, there is scope of Bridges of Steel Superstructure (Open Web Girder and Composite Girders), which is Component of Structural Steel, hence Bidder requests Authority for Structural Steel component separately through WPI indices with suitable modifications.	Refer Item No. 1 of Corrigendum No. 1
50	Schedule B	Structural Drawings	Proposed Span arrangement & chainages are not matching with per plan & profile.	Refer Item No. 55 of Corrigendum No. 1
51	Clause 2.7 P of Section VII – 5 ER (ODS-Page.No-9)	Bridges shall have standard RDSO span lengths. PSC superstructure can be adopted up to 18.3 m clear span only.	Bidder request to remove this clause so that Contractor can design non RDSO span structures.	Refer Item No. 19 of Corrigendum No. 1
52	Clause 3.6.8 d iv of Section VII – 6 ER (OCS-Page.No-49)	d)Types of Tests iv) Pile integrity test shall be carried out on each pile by: a.The Low Strain Method as per IS 14893 to verify the structural integrity, shape and continuity of pile as detailed in Sub-Clause 3.6.8(i). b.Cross Hole Sonic Logging test as per ASTM D 6760	This clause specifies pile integrity test shall be carried out on each pile by (a) Low strain method (b) Cross hole sonic logging. Request to please consider that Low strain method shall be used in 60% of piles and Cross hole sonic logging test in 40% of piles. Request to modify.	Refer Item No. 42 of Corrigendum No. 1
53	Schedule B	Structural Drawings	Proposed Span arrangement & chainages are not matching with per plan & profile.	Refer Item No. 55 of Corrigendum No. 1
54	Section VII-5, ER-ODS (Civil & BLT) 4.2.2 Bridges with superstructure of composite plate girder (CG)	Bridge elements to be designed by the Contractor includes, but not limited to, the following: - i. Composite girder superstructure for bridge No. 28 & 68 for ballastless track	Bridges with superstructure of Composite Plate Girders (CG) group includes 06 no. of bridges viz. Br no. 04, 28, 30, 34, 68 & 69. We understand that for CG type superstructure of Br no. 04, 30, 34 & 69, design using ballasted track can be adopted. Please clarify.	Refer Item No. 26 of Corrigendum No. 1

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Category 2 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
55	Section VII-5, ER-ODS (Civil & BLT) 4.2.3 Bridges with superstructure of composite plate girder (CG)	Note: In case BLT /ballasted track on OWG is not considered feasible due to site conditions or any other reason, standard RDSO drawings of OWG for "DFC loading (32.5t axle load)" shall be followed for the superstructure.	We understand that as per provisions of Section VII-5, ER-ODS (Civil & BLT) 4.3 Design Requirements, a) Viaduct, Superstructure is to be designed for "25t Loading-2008" considering ballastless track with LWR/CWR. Please clarify.	Refer Item No. 30 of Corrigendum No. 1
56	Section VII-5, ER-ODS (Civil & BLT) 4.3 Design Requirements, a) Viaduct-(i)	The superstructure shall consist of composite girder of standard RDSO span length of 24.4m or more and one non-standard span near abutment A2. Superstructure shall be designed for "25t Loading-2008" considering ballastless track with LWR/CWR. However, sections of various components of superstructure adopted shall not be less than the sections adopted in the corresponding RDSO standard drawing. Load on side pathway shall be considered as per IRS Bridge Rules.	Please clarify if bidder can adopt innovative alternate structure, its shape & sizes or its components, alter the span or structural configuration of structures by maintaining client requirements i.e. total span length & clearances? Please confirm.	Refer Item No. 30 of Corrigendum No. 1
57	Pg N0 24, C5RFPVII8B - Documents	List of Indicative Dismantled Structures	Kindly clarify regarding dismantled strata will be the property of contractor.	Refer Item No. 60 of Corrigendum No. 1
58	General	Dismantling of the Structures	Kindly share the payment against dismantling of the structures.	Refer Item No. 60 of Corrigendum No. 1
59	Cl. 2.1.23, RFPART2VIII to VII7, Barricading Item	The Contractor shall provide and maintain during progress of works barricading around the work area where vehicular or pedestrian traffic passes with all safety measures as shown in Tender drawings. The excavations near habitations/public movement areas and all works along the roads shall be provided with proper caution signs and marked with red lights, reflectors at night to avoid accidents near public places to ensure safety of public.	Bidder understands that the drawings provided for Barricading will be followed. Please provide the payment schedule for the same.	Refer opening para "Objective" of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1. and Sub-Clause 1.8 of Appendix B to Financial part Price Schedule Section IV Tender Forms, Part 1 of Tender Document.
60	General	Site setup.	Please confirm the land location where site can be set up.	Refer Sub-Clause 2.1.30 of of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.
61	OUTLINE DESIGN SPECIFICATIONS- 3.3.5 MS Pipe	"Pipeline shall be laid as per RDSO guidelines on pipeline crossings under railway track"	Kindly confirm number and length of each pipeline crossings. Also depth at which the crossing require laying needs to be specified.	Refer Tender Drawings of Section VII-8: Tender Drawings and Documents, Part 2-Employer's Requirements of Tender Document.

C-5: REPLIES TO PRE-TENDER QUERIES - CATEGORY -2_20.12.2023

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- (iv) Design, Supply, Installation, Testing & Commissioning of General Electrical Services from km -2.296 to km 12.00 and Km 18.00 to Km 24.844.

Category 2 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
62	GC-HRIDC-C5-DRW-BRD-GAD-01009_A0 (Sheet 1 of 1) SECTIONAL ELEVATION AT A-A	At the toe of the embankment on either side where the wingwall ends, RCC retaining wall is shown.	PCC toe wall with slope protection should be sufficient. Kindly confirm.	Tender Conditions remain unchanged.
63	GC-HRIDC-C5-DRW-BRD-GAD-01009_A0 (Sheet 1 of 1) SECTION C - C	Sandfill is shown below the box.	Provision of sandfill will depend on the soil encountered during site investigation and subsequent geotechnical design. Kindly confirm.	Refer Item No. 35 of Corrigendum No. 1.
64	GC-HRIDC-C5-DRW-BRD-GAD_010010_A0	View at B - B	For continuation of the canal cross-section in the box structure, the cross section of the canal inside the box shall be of soil with RCC lining to prevent scouring. Kindly confirm.	Refer revised Drawing No: GC-HRIDC-C5-DRW-BRD-GAD_010010_A1 given in Attachment 6 of Corrigendum No. 1.
65	General	Construction of station & other Building, Platform, Subway, Shelter and Misc Items	Please clarify for construction of Station & other buildings, Platforms, Subway, Shelters and Misc items are whether under BOQ items or lump sum.	Refer Annexure F-3 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.
66	General	Buildings and other misc structure foundations	We understand that foundation of buildings and other structures shall be rest below parent soil. Please confirm.	Refer Drawing No: GC-HRIDC-C5-SK-GEN-039_A0 given in Attachment 6 of Corrigendum No. 1. Refer station and ALH drawings.
67	Pg 31 Para ITT 1,1, (iii)	Design and construction of Ballastless track from km 20.842 to km 24.844;	BLT is to be provided from km 20.842 to 24.844 i.e 4002m.	Refer Sub-Clause 2.1.7 and 2.2 (d) of section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.
68	Section VII 6 Page 67 Para 4.2.3	Open web girders are proposed to be provided with ballastless/ ballasted track & LWR/CWR.	Some of the bridges may have BLT or have ballasted track.	Refer Item No.27 of Corrigendum No. 1
69	Section VII 6 Page 144 Para 8.1 (a)	BLT on bridges has to be laid	BLT has to be laid on identified bridges. It is requested that precise quantum and location of BLT work make kindly be advised.	Refer Sub-Clause 2.1.7 and 2.2 of Section VII-2: Functional /R1 Attachment 3 of Corrigendum No.1. and Refer Item No. 45 of Corrigendum No. 1.
70	Section VII 5 Page 68 Para 10.1 sub-para (xi)	No appreciable cracks or settlements or separation of parts shall be developed during service in the BLT leading to impaired service or failure. Minimum reinforcement must be ensured to achieve design crack width of 0.1 mm notwithstanding any provision in codes.	The crack with specified in these 2 clauses may kindly be reviewed keeping Board's guidelines for BLT in view,	Refer Item No. 39 of Corrigendum No. 1
71	Section VII Page 150 sub-para (f)	Any visible crack of width more than 0.1 mm in concrete/RCC portion of slab which impairs the functionality of ballastless track.		Refer Item No. 46 of Corrigendum No. 1

C-5: REPLIES TO PRE-TENDER QUERIES - CATEGORY -2_20.12.2023

Contract Package C-5 : Composite Contract package in connection with New BG Double Railway Line of HOCR project between stations Prithla and Dhulawat for:

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Category 2 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
72	Section VII- Employer's Requirements	As per Section VII-7A Ch.4, Cl.4.1.1 (xvi) The Contractor shall set up at least one main store/ depot for receiving and storing materials.	Kindly provide detailed drawing of P. way store depot and clarify the detailed scope for same.	Tender documents are self explanatory.
73	Section VII- Employer's Requirements	2.1.3 Design and construction of railway formation The Contractor shall design and construct railway formation for 32.5 t axle load as per updated ROSO Specifications "Comprehensive Guidelines and Specifications for Railway Formation Specification No. RDS0/2020/GE: IRS-0004, (Including ACS No-01 dated 16.12.2021)" from Chainage -855.0 m to Chainage 12000 m and from Chainage 18000 m to Chainage 20942.473 m for double tracks of Main line.	As mentioned in project name project alignment is from km- 2.296 to km 12.00 & km 18.00 to km 20.942, But as per clause 2.1.3 scope of railway formation is from Chainage -855.0 m to Chainage 12000 m and from Chainage 18000 m to Chainage 20942.473 m for double tracks of Main line. Kindly clarify the scope of -2296m to -855m.	Refer Sub-Clause 2.1.1 and Sub-Clause 2.2 (a) of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.
74	Section VII - Employer's Requirements	2.1.3 Design and construction of railway formation Surplus excavated earth (approximately 2.0 lakh cum) from C-4 Package (herein after called the Employer's earth) available between Chainage 18,000 m to 20,000 m shall be utilised for construction of formation in C-5 Package. The Contractor shall measure quantity of available earth and seek approval of the Engineer before its use in construction of formation. A deduction @ INR 225.0 per cum shall be made from the Cost Centre 'CE-Earthwork and Blanketing' for use of Employer's earth. Royalty & other taxes payable for use of Employer's earth shall be borne by the Contractor. Surplus/unsuitable Employer's earth shall be disposed off by the Contractor at his own cost.	Please clarify whether the cost of transportation of additional excavated earth is borne by the contractor? Also provide the exact location of availability of this surplus excavated earth.	Refer Sub-Clause 2.1.3.2 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.

C-5: REPLIES TO PRE-TENDER QUERIES - CATEGORY -2_20.12.2023

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Category 2 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												
75	Structure Drawing	C5_RFP_SECTION-VIIBA_TENDER DRAWINGS	<p>The drawings of following bridge structures are not in tender drawings documents.</p> <table border="1"> <thead> <tr> <th>Chainage</th> <th>TITLE</th> <th>DRAWING NO.</th> </tr> </thead> <tbody> <tr> <td>7753.296</td> <td>Conceptual General Arrangement Drawing Proposed RUB Bridge No. 26 lx 12x6.10 m, RCC Box Ch: 7753.296m</td> <td>GC-HRIDC-CS-DRW-BRO-GAD_01026 AO</td> </tr> <tr> <td>10709.675</td> <td>Conceptual General Arrangement Drawing for Road Under Bridge no. 4 15pan lx 12x5.650 RCC Box at Ch: 10709.675</td> <td>GC-HRIDC-CS-DRW-BRO-GA0_01041 AO</td> </tr> <tr> <td>18310</td> <td>Conceptual General Arrangement Drawing for Prop. Drain Crossing bridge no.63 lx 5x4.9+lx 12.2m+lx 5 x4.9 (PSC U Slab +RCC Box) at CH: 18310 (CANAL CROSSING INDRI DISTRIBUTARY RD 11260)</td> <td>GC-HRIDC-CS-ORW-BRO-GA0_01063_AO</td> </tr> </tbody> </table>	Chainage	TITLE	DRAWING NO.	7753.296	Conceptual General Arrangement Drawing Proposed RUB Bridge No. 26 lx 12x6.10 m, RCC Box Ch: 7753.296m	GC-HRIDC-CS-DRW-BRO-GAD_01026 AO	10709.675	Conceptual General Arrangement Drawing for Road Under Bridge no. 4 15pan lx 12x5.650 RCC Box at Ch: 10709.675	GC-HRIDC-CS-DRW-BRO-GA0_01041 AO	18310	Conceptual General Arrangement Drawing for Prop. Drain Crossing bridge no.63 lx 5x4.9+lx 12.2m+lx 5 x4.9 (PSC U Slab +RCC Box) at CH: 18310 (CANAL CROSSING INDRI DISTRIBUTARY RD 11260)	GC-HRIDC-CS-ORW-BRO-GA0_01063_AO	Refer Tender Drawings given in Attachment 5 of Corrigendum No. 1.
Chainage	TITLE	DRAWING NO.														
7753.296	Conceptual General Arrangement Drawing Proposed RUB Bridge No. 26 lx 12x6.10 m, RCC Box Ch: 7753.296m	GC-HRIDC-CS-DRW-BRO-GAD_01026 AO														
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18310	Conceptual General Arrangement Drawing for Prop. Drain Crossing bridge no.63 lx 5x4.9+lx 12.2m+lx 5 x4.9 (PSC U Slab +RCC Box) at CH: 18310 (CANAL CROSSING INDRI DISTRIBUTARY RD 11260)	GC-HRIDC-CS-ORW-BRO-GA0_01063_AO														
76	Section VII- Employer's Requirements	Land for contractor's Facility	Request to give at which location client will provide land of 20000 Sqm.	Tender Conditions remain unchanged.												
77		General	Kindly confirm whether Dismantling of existing Prithala-SSP, Staff quarters etc is required for earthwork and if not, then what will be the protection methodology?	Refer Sub-Clause 2.3 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1 and Refer Tender Drawing No. 14YLPLT4103 Rev 2 dated 22.09.2023 of New Prithla Junction Station of Section VII-8A: Tender Drawings , Part 2- Employer's Requirements of Tender Document.												
78	PART2-VII:1 to VII:7	Earthwork	Request to share the pond details, HFL & bed level for earthwork at CH: 7860 -8036, 8036-8298 and 9650- 9890.	Refer Sub-Clause 1.1 of Section VII-2: Functional /R1 Attachment 3 of Corrigendum No.1.												
79		General	Request to share detailed staircase drawing to be provided at viaduct.	Refer Sub-Clause 2.1.21 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.												
80		General	Request to provide drawing of Auto Location Hut (ALH).	Refer Drawing No. GC-HRIDC- C5-SK-GEN-039_A0 of Section VII-8: Tender Drawings and Documents, Attachment 6 of Corrigendum No.1.												

C-5: REPLIES TO PRE-TENDER QUERIES - CATEGORY -2_20.12.2023

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Category 2 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																												
81	C5RFPPART2VII1toVII7 Clause – 2.1.3 & Pg 26 & 27 of 526	Surplus excavated earth (approximately 2.0 lakh cum) from C-4 Package (herein after called the Employer's earth) available between Chainage 18,000 m to 20,000 m shall be utilised for construction of formation in C-5 Package.	Bidder understands that it is having the flexibility in using or not using the Surplus excavated earth (approximately 2.0 lakh cum) from C-4 Package (herein after called the Employer's earth) available between Chainage 18,000 m to 20,000 m. Kindly Confirm.	Refer Sub-Clause 2.1.3.2 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.																												
82	C5RFPPART2VII1toVII7 Clause – 2.1.3 & Pg 26 & 27 of 526	The Contractor shall measure quantity of available earth and seek approval of the Engineer before its use in construction of formation.	Bidder requested the authority to provide the method / procedure of measurement of quantity of available earth. Kindly Clarify.	Refer Sub-Clause 2.1.3.2 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.																												
83	C5RFPPART2VII1toVII7 Clause – 2.1.3 & Pg 26 & 27 of 526	The Contractor shall measure quantity of available earth and seek approval of the Engineer before its use in construction of formation.	Bidder understands that the cost towards preparation activities (like stacking etc) for the measurement shall be reimbursed through schedule-B or any other item. Kindly Confirm.	Refer Sub-Clause 2.1.3.2 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.																												
84	C5RFPPART2VII1toVII7 Clause – 2.1.3 & Pg 26 & 27 of 526	The Contractor shall measure quantity of available earth and seek approval of the Engineer before its use in construction of formation.	Bidder understands that the segregation of earth (i.e suitable and unsuitable) is in the scope of Authority. Kindly Confirm.	Refer Sub-Clause 2.1.3.2 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.																												
85	C5RFPPART2VII1toVII7 Clause – 2.1.3 & Pg 26 & 27 of 526	A deduction @ INR 225.0 per cum shall be made from the Cost Centre 'CE-Earthwork and Blanketing' for use of Employer's earth. Royalty & other taxes payable for use of Employer's earth shall be borne by the Contractor.	The bidder understands that the deduction shall be made as per the illustration given below. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>S.No.</th> <th>Description</th> <th>Unit</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Assume, Surplus excavated earth from C-4 Package (herein after called the Employer's earth) available between Chainage 18,000 m to 20,000 m</td> <td>Cum</td> <td>2,00,000</td> </tr> <tr> <td>2</td> <td>Assume, Suitable quantity may be utilised for construction of formation in C-5 Package.</td> <td>Cum</td> <td>1,50,000</td> </tr> <tr> <td>3</td> <td>Hence, Unsuitable quantity for construction of formation in C-5 Package. (1) - (2)</td> <td>Cum</td> <td>50,000</td> </tr> <tr> <td>4</td> <td>Assume, Quantity of Compacted soil as percentage of loose soil</td> <td></td> <td>80%</td> </tr> <tr> <td>5</td> <td>Quantity to be considered for deduction (2) x (4)</td> <td>Cum</td> <td>1,20,000</td> </tr> <tr> <td>6</td> <td>A deduction @ INR 225.0 per cum shall be made from the Cost Centre 'CE-Earthwork and Blanketing' for use of Employer's earth. Royalty & other taxes payable for use of Employer's earth shall be borne by the Contractor. (5) x 225</td> <td>INR</td> <td>2,70,00,000</td> </tr> </tbody> </table>	S.No.	Description	Unit	Quantity	1	Assume, Surplus excavated earth from C-4 Package (herein after called the Employer's earth) available between Chainage 18,000 m to 20,000 m	Cum	2,00,000	2	Assume, Suitable quantity may be utilised for construction of formation in C-5 Package.	Cum	1,50,000	3	Hence, Unsuitable quantity for construction of formation in C-5 Package. (1) - (2)	Cum	50,000	4	Assume, Quantity of Compacted soil as percentage of loose soil		80%	5	Quantity to be considered for deduction (2) x (4)	Cum	1,20,000	6	A deduction @ INR 225.0 per cum shall be made from the Cost Centre 'CE-Earthwork and Blanketing' for use of Employer's earth. Royalty & other taxes payable for use of Employer's earth shall be borne by the Contractor. (5) x 225	INR	2,70,00,000	Refer Sub-Clause 2.1.3.2 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.
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86	C5RFPPART2VII1toVII7 Clause – 2.1.3 & Pg 26 & 27 of 526	Surplus/unsuitable Employer's earth shall be disposed off by the Contractor at his own cost.	Since the bid documents have no data available regarding the surplus / unsuitable quantity. Hence due to this uncertainty, the payment for disposing off shall be considered to be made in schedule-B or any other item. Kindly Confirm.	Refer Sub-Clause 2.1.3.2 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.																												
87	C5RFPPART2VII1toVII7 Clause – 2.1.3 & Pg 26 & 27 of 526	Surplus/unsuitable Employer's earth shall be disposed off by the Contractor at his own cost.	Kindly provide the tentative location and distance where the contractor shall dispose off Surplus / Unsuitable earth.	Refer Sub-Clause 2.1.3.2 of Section VII-2, Functional /R1 Attachment 3 of Corrigendum No.1.																												

C-5: REPLIES TO PRE-TENDER QUERIES - CATEGORY -2_20.12.2023

Contract Package C-5 : Composite Contract package in connection with New BG Double Railway Line of HORC project between stations Prithla and Dhulawat for:

- (i) Design and Construction of Civil Works (Earthwork, Bridges, Stations and Retaining Walls) from km -2.296 to km 12.00 & km 18.00 to km 20.942;
- (ii) Design & Construction of viaduct from km 20.942 to km 24.844;
- (iii) Design & Construction of Ballastless track from km 20.842 to km 24.844; and
- (iv) Design, Supply, Installation, Testing & Commissioning of General Electrical Services from km -2.296 to km 12.00 and Km 18.00 to Km 24.844.

Category 2 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
88	C5FINANCIALPART Clause - 3.2 & Page 15 of 134	If during execution of the Contract, it is decided by the Employer/Engineer that one or more items of Work/Milestone of a Cost Centre in a particular Price Schedule is not required to be executed, the proportionate amount against that particular Item of Work/Milestones shall not be paid. The Engineer's decision in this regard shall be final.	Bidder understands that for such deletion of scope, Contractor shall be suitably compensated.	Refer Item No. 4 of Corrigendum No. 1.
89	C5RFPPART1/Schedule'D': Signalling & Telecommunication (S&T) Works/D1 & D2/Pg. from 270 to 276	Schedule 'D': Signalling & Telecommunication (S&T) Works	Given All BOQ Estimated Rate and Quantity is having typographical error. Authority is requested for correction.	Refer Item No. 10 of Corrigendum No. 1.
90	C5RFPPART2VII1toVII7/ Section VII-7B: Employer's Requirements - Signalling & Telecom (S&T) Works/Chapter 1/ Relocation of S&T Cables in Connection with Civil Works under Package C-5 of HORC Project	1.1 Signalling & Telecom cables and location boxes in Prithla Station area and beyond are infringing into earth work of formation for laying in connection with laying of New BG Double Railway line from Ch: (-) 2.296 Km to 10.00 Km including Prithla Station of HORC project. These cables and location boxes need to be shifted/ replaced with new cables and location boxes on alternate route, as decided by the Engineer.	Bidder understands that provision of RCC Cable Duct is not a part of this work as it is shifting work on alternate route of existing cables and location boxes only. Authority is requested please confirm.	Refer Sub-Clause 2.2 (g) of Section VII-2: Functional /R1 Attachment 3 of Corrigendum No.1.
91	C5RFPPART2VII1toVII7/ Section VII-7B: Employer's Requirements - Signalling & Telecom (S&T) Works/Chapter 1/ Relocation of S&T Cables in Connection with Civil Works under Package C-5 of HORC Project	1.1 Signaling & Telecom cables and location boxes in Prithla Station area and beyond are infringing into earth work of formation for laying of in connection with laying of New BG Double Railway line from Ch: (-) 2.296 Km to 10.00 Km including Prithla Station of HORC project. These cables and location boxes need to be shifted/ replaced with new cables and location boxes on alternate route, as decided by the Engineer.	Bidder understand that for execution of shifting work on alternate route of existing cables and location boxes, same BOQ shall be followed for the payment as given in schedule-D. Authority is requested please confirm.	Refer Item No. 61 of Corrigendum No. 1 and Sub-Clause 2.2.1 Section VII-7B: Signalling & Telecom (S&T) Works, Part 2-Employer's Requirements
92	Section VII-9: Employer's Requirements-Appendices Clause - 10.46.2 (1.a) Page 81 of 241	The infringements due to LT and HT (up to 33 KV) utilities shall be removed by the Employer within 90 days of the award of Contract.	Bidder understand the infringements due to LT and HT (up to 33 KV) utilities shall be removed by the Employer within 90 days of the award of Contract. In case of delay in handing over within 90 days, the contractor shall be eligible for the extension of time and delay damages. Kindly Confirm.	Tender documents are self explanatory.

C-5: REPLIES TO PRE-TENDER QUERIES - CATEGORY -2_20.12.2023

Contract Package C-5 : Composite Contract package in connection with New BG Double Railway Line of HORC project between stations Prithla and Dhulawat for:

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Category 2 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
93	Section VII-9: Employer's Requirements-Appendices Clause - 10.46.2 (1.b) Page 81 of 241	The infringements due to EHT (above 33 KV) Utilities will be progressively removed and is likely to be completed within 12 months of the award of the Contract.	The infringements due to EHT (above 33 KV) Utilities will be progressively removed and is likely to be completed within 12 months of the award of the Contract. Please provide the tentative schedule of the charted utilities diversion. In case of delay in handing over progressively within 12 months, the contractor shall be eligible for the extension of time and delay damages. Kindly Confirm.	Tender documents are self explanatory.
94	C5 RFP SECTION VII 8A: TENDER DRAWINGS Page 15,16 of 175	L-Section Drawings	Kindly provide the Toe for the DFCC line for better Assessment of Quantity.	Refer Sub-Clause 1.1 of Section VII-2, Employer's Requirements - Functional /R1 Attachment 3 of Corrigendum No.1.
95	C5 RFP SECTION VII 8A: TENDER DRAWINGS Page 15,16 of 175	L-Section Drawings	Kindly provide the Rail Levels for the DFCC line for better Assessment of Quantity.	Refer Sub-Clause 1.1 of Section VII-2, Employer's Requirements - Functional /R1 Attachment 3 of Corrigendum No.1.
96	Section VII 2: Employer's Requirements – Functional Page 33 of 526 2.1.30 Land for Contractor's Facilities & Site Office	For batching plants, field quality control laboratories, site offices and other activities (excluding labour camps), land total measuring approx. 20,000 Sq. m will be made available at multiple locations between km 0 to km 12.00 and km 18.00 to km 24.84 by the Employer on 'as is where is basis' free of cost	Bidder requests to provide the location details in CAD/KMZ file for camp establishment and understanding transit time for movement of Materials purpose.	Tender documents are self explanatory.
97	Ministry of Railway Board Policy No. 2022/GS/IR/Cable laying Policy on dated 02-09-2023	Point no. 9: Provision of Cable duct shall invariably be made in the GAD for all platforms, stations, culverts, and Bridges. No drawings for Stations or bridges shall be approved without the provision of cable duct.	Please find the referenced Circular and the content of the same is described in Column-2. Bidder requests for the clarification regarding this i.e if the cable duct is to be provided on Culvert and Bridges also.	Tender documents are self explanatory.

C-5: REPLIES TO PRE-TENDER QUERIES - CATEGORY -2_20.12.2023

Contract Package C-5 : Composite Contract package in connection with New BG Double Railway Line of HORC project between stations Prithla and Dhulawat for:

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Category 2 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
98	General		Bidders understand that the shifting / relocation of S&T cable / gears of DFCCIL is not in the scope of this contract.	Refer Item No. 61 of Corrigendum No. 1 and Sub-Clause 2.2.1 Section VII-7B: Signalling & Telecom (S&T) Works, Part 2-Employer's Requirements

Note: Pre-Tender Queries received after due date of submission of queries have not been replied.