

PACKAGE C-4: REPLIES TO PRE-TENDER QUERIES 04.01.2023

C-4: Composite Contract package in connection with New BG Railway Line of HORC project for:

(i) Design & Construction of Twin Tunnel using NATM and Cut & Cover method from km 24.880 to km 29.580;

(ii) Design & Installation of Ballastless Track (excluding supply of rails) from km 24.856 to km 29.680;

(iii) Detailed Design, Supply, Installation, Testing & Commissioning of General Electrical Services including Supply, Erection, Testing and Commissioning of 11kV HT/LT Power and Control Cable Network, GIs Substation (11/0.433) kVA, Tunnel lighting system, etc. from km 24.880 to km 29.680;

(iv) Design & Construction of Embankment, Bridges and other miscellaneous works from km 12.00 to km 18.00.

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
1			We are unable to find a tender estimate in the RFP document.	Being EPC Tender, detailed engineering and design is to be done by the Tenderer. Hence, estimated cost has not been published by the Employer
2			Location of the project is not clearly mentioned in the same document.	Refer Tender Drawings in Section VII-8A: Tender Drawings, Part 2, Employer's Requirements and Item No. 18 of Corrigendum No. 1
3	3.4.2 (a) Specific Construction & Contract Management Experience	<p style="text-align: center;">Existing Provision</p> <p>Participation, as a Prime contractor, joint venture member or Management Contractor 5 or Sub-Contractor in a least</p> <p>(i) One "similar work"* of value of INR 7380 million (USD 89.56 million) or more involving minimum 3.0 km of equivalent length of NATH tunnel</p> <p>(ii) two "similar works"*each of value of INR 4920 million (USD 59.71 million) or more and each work involving minimum 2.0 km of equivalent length of NATM tunnel</p> <p>(iii) three "similar works"* each of value of INR 3690 million (USD 44.78 million) or more and each involving minimum 1.5 km of equivalent length of NATM tunnel</p> <p>The Contracts mentioned in (i) or (ii) or (iii) above must have been successfully completed or substantially completed since 1st April 2015 till 28 days prior to deadline of Tender submission and that are similar to the proposed works.</p> <p>*"Similar work" shall be that work which involves execution of transportation tunnel or underground stations or both for Railway/Metro rail/RRTS by New Austrian Tunneling Method (NATM).</p>	<p style="text-align: center;">Modification Requested</p> <p>Participation, as a Prime contractor, joint venture member or Management Contractor 5 or Sub-Contractor in a least</p> <p>(i) One "similar work" of value of INR 7380 million (USD 89.56 million) or more involving minimum 3.0 km of equivalent length of NATH or Drill & Blast</p> <p>(ii) two "similar works"*each of value of INR 4920 million (USD 59.71 million) or more and each work involving minimum 2.0 km of equivalent length of NATM or Drill & Blast</p> <p>(iii) three "similar works"* each of value of INR 3690 million (USD 44.78 million) or more and each involving minimum 1.5 km of equivalent length of NATM or Drill & Blast</p> <p>The Contracts mentioned in (i) or (ii) or (iii) above must have been successfully completed or substantially completed since 1st April 2015 till 28 days prior to deadline of Tender submission and that are similar to the proposed works.</p> <p>*"Similar work" shall be that work which involves execution of Rail/Road/Metro/Hydro Tunnel or Underground Stations or both for Railway Metro rail/RRTS by New Austrian Tunneling Method (NATM) or Drill and Blast Method (D&B).</p>	Refer Item No. 11 and 12 of Corrigendum No. 1

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4	Qualification Criteria 3.4.2 (a) Specific Construction & Contract Management Experience	<p>Participation, as a Prime contractor, joint venture member or Management Contractor 5 or Sub-Contractor in a least</p> <p>(i) One "similar work"* of value of INR 7380 million (USD 89.56 million) or more involving minimum 3.0 km of equivalent length of NATH tunnel or</p> <p>(ii) two "similar works"*each of value of INR 4920 million (USD 59.71 million) or more and each work involving minimum 2.0 km of equivalent length of NATM tunnel or</p> <p>(iii) three "similar works"* each of value of INR 3690 million (USD 44.78 million) or more and each involving minimum 1.5 km of equivalent length of NATM tunnel</p> <p>The Contracts mentioned in (i) or (ii) or (iii) above must have been successfully completed or substantially completed since 1st April 2015 till 28 days prior to deadline of Tender submission and that are similar to the proposed works.</p> <p>*"Similar work" shall be that work which involves execution of transportation tunnel or underground stations or both for Railway/Metro rail/RRTS by New Austrian Tunneling Method (NATM).</p>	<p>Participation, as a Prime contractor, joint venture member or Management Contractor or Sub-Contractor in a least</p> <p>(i) One "similar work" of value of INR 7380 million (USD 89.56 million) or more involving minimum 3.0 km of equivalent length of NATM / TBM Tunnel</p> <p>OR</p> <p>(ii) two "similar works"each of value of INR 4920 million (USD 59.71 million) or more and each work involving minimum 2.0 km of equivalent length of NATM / TBM Tunnel</p> <p>(iii) three "similar works"each of value of INR 3690 million (USD 44.78 million) or more and each involving minimum 1.5 km of equivalent length of NATM / TBM Tunnel</p> <p>The Contracts mentioned in (i) or (ii) or (iii) above must have been successfully completed or substantially completed⁸ since 1st April 2015 till 28 days prior to deadline of Tender submission and that are similar to the proposed works.</p> <p>"Similar work" shall be that work which involves execution of transportation tunnel or underground stations or both for Railway/Metro rail/RRTS by Tunnel Boring Machine (TBM) / New Austrian Tunneling Method (NATM).</p>	Refer Item No. 13 and 14 of Corrigendum No. 1
5			<p>Additional Requirement</p> <p>Participation, as a Prime contractor, joint venture member or Management Contractor or Sub-Contractor in a least</p> <p>(i) One "similar work" of value of INR 3000 million or more involving minimum 1.5 km of equivalent length of NATM tunnel</p> <p>OR</p> <p>(ii) two "similar works"each of value of INR 2000 million or more and each work involving minimum 1.0 km of equivalent length of NATM tunnel</p> <p>(iii) three "similar works"each of value of INR 1000 million or more and each involving minimum 0.75 km of equivalent length of NATM tunnel</p> <p>The Contracts mentioned in (i) or (ii) or (iii) above must have been successfully completed or substantially completed since 1st April 2015 till 28 days prior to deadline of Tender submission and that are similar to the proposed works.</p> <p>"Similar work" shall be that work which involves execution of transportation tunnel or underground stations or both for Railway/Metro rail/RRTS by New Austrian Tunneling Method (NATM)</p>	Refer Item No. 13 and 14 of Corrigendum No. 1

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6	Qualification Criteria 3.4.2 (a) Specific Construction & Contract Management Experience	<p>Participation, as a Prime contractor, joint venture member or Management Contractor 5 or Sub-Contractor in a least</p> <p>(i) One "similar work"* of value of INR 7380 million (USD 89.56 million) or more involving minimum 3.0 km of equivalent length of NATH tunnel</p> <p>(ii) two "similar works"*each of value of INR 4920 million (USD 59.71 million) or more and each work involving minimum 2.0 km of equivalent length of NATM tunnel</p> <p>(iii) three "similar works"* each of value of INR 3690 million (USD 44.78 million) or more and each involving minimum 1.5 km of equivalent length of NATM tunnel</p> <p>The Contracts mentioned in (i) or (ii) or (iii) above must have been successfully completed or substantially completed since 1st April 2015 till 28 days prior to deadline of Tender submission and that are similar to the proposed works.</p> <p>*"Similar work" shall be that work which involves execution of transportation tunnel or underground stations or both for Railway/Metro rail/RRTS by New Austrian Tunneling Method (NATM).</p>	<p>We would like to highlight that in various Underground Tunnel construction works of Road/Rail/Metro/HSR tenders invited in recent time, client has adopted following criteria. Wherein, key qualification criterion of <u>similar underground tunnel construction work requirement either can be met by any memeber of Joint Venture, provided each memeber has civil work (need not be civil works of similar works) experience of 20% of estimated project value of that tender</u> or at least the Lead Member of Joint Venture should possess minimum similar works experience in last 7 or 10 years.</p> <p>Kindly note as in past very few project have been executed this would make the participation very limited among Indian Contractors. This indirectly could lead to loosing competitive price advantage to HRIDCL.</p> <p>We hence humbly submit the following for due consideration by Haryan Rail Infrastructure Development Corporation Limited (HRIDCL) to be incorporated for each member of JV (apart from Lead Member).</p> <p>"Each member must have the experience of executing at least one work of "Tunnelling/ underground station of Metro / underground station of Railway / construction of Viaduct (which may include station) / Bridges /Flyover" of value INR 3690 million.</p>	Refer Item No. 11 and 12 of Corrigendum No. 1
7	Clause No. 3.4.2 (a) Specific Construction & Contract Management Experience	<p>Participation as a Prime contractor, Joint venture member or Management Contractor or Sub-Contractor and is enumerated hereunder:</p> <p>(i) One "similar work"* of value of INR 7380 million (USD 89.56 million) or more involving minimum 3.0 km of equivalent length of NATHM tunnel or</p> <p>(ii) Two "similar works"*each of value of INR 4920 million (USD 59.71 million) or more and each work involving minimum 2.0 km of equivalent length of NATM tunnel or</p> <p>(iii) three "similar works"* each of value of INR 3690 million (USD 44.78 million) or more and each involving minimum 1.5 km of equivalent length</p>	<p>For joint venture / consortium, each member must meet 30% of qualifying requirement and lead member must meet 40% of qualifying requirement</p> <p>As per the above tender requirement under (i), (ii), & (iii), each Joint Venture (JV) member must demonstarte the experience of executing at least one "similar work" of value INR 3690 million (USD 44.78 million) or more involving minimum of 1.5 Km of equivalent length of NATM tunnel that has been successfully or substantially completed.</p> <p>In the context of above, we wish to state that, in general practice, if JV is permitted, the, the Lead Partner always fulfils the substantial portion of the Technical and Financial</p>	Refer Item No. 11 and 12 of Corrigendum No. 1

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		of NATM tunnel	<p>requirement of the Tender, whereas other memeber contributes with the remaining 10% to 20% of the qualification requirement of the Tender.</p> <p>Additionally, qualification requirement as mentioned above for the captioned project shall be restricting the bidder participation, thus, eliminating the healthy competition. Hence, we hereby request to the Client / Project Authority to reconsider the Specific Construction Experience requirement clause as mentioned hereunder:</p> <p>In case of Joint Venture, each memebr must have the experience of executing at elast one "similar work" of 10% to 15% of INR 7380 million involving minimum of 1.5 km of NATM tunnel that has been successfully or substantially completed.</p> <p>We also wish to inform that the majority of government /PSUs are inviting the tenders based on the qualification requirement as we have requested for above and the same has been appended for your ready reference.</p>	
8	RFPPART2SECTIONVII8A.pdf, Electrical Drawing:"GC-HRIDC-C4-DRW-ROCS-ELE-001_A0" "INDICATIVE DRAWING OF HIGH RISE ROCS FOR HORC TUNNEL" page 55	N/A	There is a OHE/catenary systems shown on the ref. drawing. Please confirm that catenary system is not in our scope. If not so; please give the related requirements/specification and related sub-cost center as well.	Refer Attachment 5 of Corrigendum No. 2
9	Section VII-9: Employer's Requirements-Appendices, "APPENDIX – 5 INTERFACE, COORDINATION AND COOPERATION WITH OTHER PARTIES" section 5.1 "LIST OF CONTRACT PACKAGES IN HORC" item 8. package E-1 page 13	"Design, Supply, Installation, Testing & Commissioning of OHE and General Electrical services in connection with laying of New BG Double Railway line of HORC Project from Km -2.14 to Km 125.98 (excluding Tunnel portion i.e from Km 24.856 to km 29.680) and..."	We understands that only tunnel section's OHE/Catenary system in our scope (24.880 to km 29.680) and the openline OHE / Catenary works between km 12.00 to km 18.00 in others/ E-1 package contractor scope of work. Please confirm our understanding.	OHE work is not in the scope of C-4 package. Refer Item No. 53 of Corrigendum No. 2
10	Section IV – Tender Forms, Schedule 'B': Other civil works, Schedule B1:- NWR-USSOR 2019 BASED ITEMS, item no 022010 page 173	"Note: This item will be used for excavation work in connection with other miscellaneous works also like side drains, foundation for OHE masts and other miscellaneous structures in connection with Gauge Conversion, Doubling, New lines."	Since OHE/catenary systems does not need OHE mast inside the tunnel and wayside OHE system (between km 12.00 to km 18.00) in others (E-1 contractor) scope of supply, please explain the necessity of this pose item. Please also confirm if we are expected to make excavations only for the OHE mast and supply&installation will be carried out by others (E-1 contractor) between km 12.00 to km 18.00	Description of Item is as per NWR USSOR Item. OHE work is not in the scope of C-4 package.

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11	RFPPART2SECTIONVII8A.pdf, Electrical Drawing:"GC-HRIDC-C4-DRW-TTL-ELE-001_A0" "INDICATIVE LAYOUT PLAN OF PORTAL SUB-STATION 11/0.433kV (OUTSIDE TUNNEL) page 56" and "Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services" page 3; section 1.1.1 "ITEMS OF WORK" Sr. No.1	"Design, Supply, Erection, Testing & Commissioning of (11/.433) kV Substation complete in all respect along with all protection system including 11kVA GIC HT Panel Board, (2x2000) kVA Dry Type Transformers..."	According to ref. Drawing 500kVA transformers are requested while 2000kVA mentioned on the Technical specification. Please clafiy the contradiction.	Refer Attachment 5 of Corrigendum No. 2
12	RFPPART2SECTIONVII8A.pdf, Electrical Drawing:"GC-HRIDC-C4-DRW-TTL-ELE-001_A0" "INDICATIVE LAYOUT PLAN OF PORTAL SUB-STATION 11/0.433kV (OUTSIDE TUNNEL) page 56" and "Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services" page 4; section 1.1.1 "ITEMS OF WORK" Sr. No.3	1. DG of 900 kVA /910kVA capacity including all accessories, foundation work at SS-1 - 01 Job 2. DG of 900 kVA /910kVA capacity including all accessories, foundation work at SS-2 - 01 Job	Although a set of DG is requested in both SS-1 and SS-2, no any space allocated in the refered SS layout drawings. Please clarify the location of DG sets. We recommend to install both DG sets at outside of the tunnels (near by the SS-2) due to fire risk, lack of space and exaust ventilation issues inside the tunnel/SS-1.	Refer Attachment 5 of Corrigendum No. 2
13	"Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services" page 3; section 1.1.1 "ITEMS OF WORK" Sr. No.2	"1. Main HT Supply (Incoming supply) for SS-1 and SS-2 = 3x120 Sqmm Cu cable. 2. HT supply between SS-1 and SS-2 for Ring main system = 3x95 Sqmm Cu cable."	Please give the location of HT connection (Dakshin Haryana Bijli Vitran Nigam (DHBVN)) substation and proposed HT cable route.	Information available with the Employer has been provided in the Tender Documents. Tender documents are self explanatory
14	"Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services" page 3; section 1.1.1 "ITEMS OF WORK" Sr. No.2 and page 5 Sr. No 10	"1. Main HT Supply (Incoming supply) for SS-1 and SS-2 = 3x120 Sqmm Cu cable. 2. HT supply between SS-1 and SS-2 for Ring main system = 3x95 Sqmm Cu cable." and item 10: "Extension/Augmentation of Electrical Power Supply (3 phase, 11 kV) for both sub-stations of tunnel and associated works including all liaison work from state electricity board. Total Sanctioned load/connected load of each sub-station will be decided by the EPC contractor after load calculation of each tunnel."	We understand that all 11kV connection cost to be calculated in item Sr. no 10 except 11kV cables; 11kV cables to be calculated in item Sr. no 2. Please confirm.	Tenderer's understanding is correct.
15	RFPPART2SECTIONVII8A.pdf, Electrical Drawing page	N/A	Please give the principle electrical single line diagram for HT.	Information available with the Employer has been provided in the Tender Documents. Tender documents are self explanatory.

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16	"Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services" page 5; section 1.1.1 "ITEMS OF WORK" Sr. No.8	"Supply, Installation, Testing and Commissioning of Stainless steel cable Trays of size 150x50x2mm thickness ladder and..."	Stainles steel cable tray are not common practice for this kind of projects. Please confirm that galvanised iron made cable trays/ladders may also be accepted.	Tender conditions remain unchanged
17	"Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services" page 7; section 1.1.1 "ITEMS OF WORK" Sr. No.12a	"Providing, excavating & laying of Stainless steel main potential equalization 150 sq mm to be laid inside the tunnel on both walls of the tunnel."	Stainles steel earthing bus/conductor are not commen practice of this kind of projects. Please confirm that galvanised iron made or copper made earthing bus /conductor may also be accepted.	Tender conditions remain unchanged
18	"Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services" page 6; section 1.1.1 "ITEMS OF WORK" Sr. No.10	"Extension/Augmentation of Electrical Power Supply (3 phase, 11 kV) for both sub-stations of tunnel and associated works including all liaison work from state electricity board. Total Sanctioned load/connected load of each sub-station will be decided by the EPC contractor after load calculation of each tunnel."	Please confirm that connection of both sub-stations to the same HT substation of state electricity board is accepted. (One seperated feeder circuit for each substation). Please confirm also that single point of contact solution (one feeder circuit for both substaions) is also accepted. (SS2 to be feded over SS1's RMU or SS1 to be feded over SS2's RMU)	Refer Item No. 47 of Corrigendum No. 2.
19	RFPPART2SECTIONVII8A.pdf; 4.MISCELLANEOUS DRAWINGS, drawing no: GC-HRIDC-C4-SK-TUNNEL-001_A0 page 46		Please specify the requirments, specifications and usage purpose of "other utilites" near by the SS-1 shown on the refered drawing.	Tender Document is self explanatory
20	RFPPART2SECTIONVII8A.pdf, Electrical Drawing:"GC-HRIDC-C4-DRW-TTL-ELE-004_A0" "POWER SUPPLY ARRANGEMENT FOR EMERGENCY AND MAINTENANCE POWER SOCKET DIAGRAM" page 59		Please specify the location, requirements and drawing of "USS-3"	Refer Attachment 5 of Corrigendum No. 2
21	"Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services" page 448; section 6.4.7"LIGHTING CONTROL"	"Tunnel lighting shall be controlled from the control units at SCADA control room."	Please confirm that Scada is not part of the project. If not so, please give the specification, drawings, scope details and related sub-cost center as well.	Refer Note at the end of Sub-Clause 6.1.7.3 of Section VII-7: General Electrical Services, Part 2- Employer's Requirements.
22	"Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services" page 448; section 6.4.7"LIGHTING CONTROL"	"Tunnel lighting shall be controlled from the control units at SCADA control room."	Please confirm that Service Buildings or Control center is not part of the project and there is no any connection required to control center in scope of work. If not so, please give the specifications, drawings, scope details and related sub-cost center, together with location of the building/center.	Tender conditions are self explanatory.
23	RFPPART2SECTIONVII8A.pdf page	N/A	Please give the CAD format type of drawings.	Tender drawings in Pdf are already provided in Section VII-8, Tender Drawing and Documents, Part 2 -Employer's Requirements.

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24	"Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services" page 488; section 6.4."TUNNEL LIGHTING:"	N/A	Please confirm that portal lighting and external lighting is not part of project. If not so please give the requirements/specifications drawings, scope details and related sub-cost center as well.	Refer Item No. 44 of Corrigendum No. 2
25	RFPPART2SECTIONVII8A.pdf, Tunnel Drawings:"GC-HRIDC-C4-DRW-TTL-CLT-01001_A0" "CONCEPTUAL DRAWING FOR SINGLE TRACK TUNNEL CROSS SECTION (ROCK)" page 11	N/A	There is a CCTV system cameras shown on the ref. drawing. Please confirm that CCTV system is not in our scope. If not so; please give the related requirements/specification and related sub-cost center as well.	Refer Attachment 5 of Corrigendum No. 2
26	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services, section "6.6.1 UNINTERRUPTIBLE POWER SUPPLY" page 79	The UPS units (Uninterruptible power supply) will be installed with two hours (120 minutes) autonomy period as required to guarantee that following plants/ equipments can be supplied power in case of main power failure: a. Tunnel emergency lighting b. Emergency call system c. Signs, escape route lighting and orientation signage, other sign guidance d. Public address & sound system (if Available) e. Integrated tunnel control system (SCADA) f. Other emergency requirement g. Fire detection and fire alarm system	Please confirm that following control/monitoring subsystem are not in our scope of work, if not so please give the specification , requirements, drawings and related sub-cost center as well. b. Emergency call system d. Public address & sound system e. Integrated tunnel control system (SCADA) g. Fire detection and fire alarm system	Refer Item No. 45 of Corrigendum No. 2
27	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services, section "6.6.1 UNINTERRUPTIBLE POWER SUPPLY" page 79	The UPS units (Uninterruptible power supply) will be installed with two hours (120 minutes) autonomy period as required to guarantee that following plants/ equipments can be supplied power in case of main power failure: a. Tunnel emergency lighting b. Emergency call system c. Signs, escape route lighting and orientation signage, other sign guidance d. Public address & sound system (if Available) e. Integrated tunnel control system (SCADA)	Since the most of mentioned tunnel control/monitoring subsystems are not in scope of the work, we recommend to extract those UPS from our scope of work. If not accabtable please give the UPS power requirement details for fallowing systems. b. Emergency call system d. Public address & sound system e. Integrated tunnel control system (SCADA) f. Other emergency requirement	Refer Item No. 45 of Corrigendum No. 2.
28	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services page 20 section 4.2.4 TRIAL OPERATION	N/A	Please confirm the electricity, water and diesel consumption during the trial operation will be borne by Employer.	Refer Item No. 39 of Corrigendum No. 2.
29	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services page 30 section 5.4 Defects Notification Period (DNP)	N/A	Please confirm the electricity, water and diesel consumption during the DNP/DLP will be borne by Employer.	Refer Item No. 40 of Corrigendum No. 2.

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30	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services page 30 section 5.4 Defects Notification Period (DNP)	N/A	Please confirm that Contractor is free to use spares from "contract spares" during the DNP/DLP in order to cary our it's maintenance activities.	Refer Item No. 40 of Corrigendum No. 2.
31	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services page 71 item 6.4.9 TECHNICAL SPECIFICATIONS - GENERAL 433 / 240 V – 50 Hz POWER SUPPLY	"The general power supply of the 433 / 240 Volt-level to the different equipment occurs from the main power supply (portal substation / niche substation) to the Electrical Niches/ as applicable and then further to the ultimate equipments."	Please give the layout and details of "Electrical Niches" to be located in the tunnels.	Refer Attachment 5 of Corrigendum No. 2
32	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services page 76 item 6.4.13 NETWORK PANELS	"These Panels carry the components for network. The Network panels, installed inside the tunnel, are made of stainless steel of 316L grade"	Please confirm that mentioned "network panels" is means LV Panels, and is not mean the data network panels. Please confirm also that data network system is not in our scope of work, if not so please give the specification, requirements, drawing and related sub-cost center as well.	Tenderer's understanding is correct
33	2.1.1 Design and Construction of Twin Tunnel & SMC/HRIDC/TUN/CS- 7	The Scope of the Works for C-4 Package & Conceptual Drawing For Single Track Tunnel Cross Section	Tunnel Ventilation System haven't been mentioned in the scope of the works of C-4 Package but jet fans locations have been shown in tunnel cross section drawing but not any technical details were given in Technical Specification. It is not clear if Tunnel Ventilation System is included in Contractor's scope or not, please clarify.	Refer Attachment 5 of Corrigendum No. 2
34	2.1.1 Design and Construction of Twin Tunnel & SMC/HRIDC/TUN/CS- 8	The Scope of the Works for C-4 Package & Conceptual Drawing For Single Track Tunnel Cross Section	Fire Fighting System for tunnel haven't been mentioned in the scope of the works of C-4 Package but fire extinguisher locations have been shown in tunnel cross section drawing but not any technical details were given in Technical Specification. It is not clear if Fire Fighting System for tunnel is included in Contractor's scope or not, please clarify.	Fire fighting system is not under the scope of C-4 Package. Also, Refer Attachment 5 of Corrigendum No. 2
35	General	Estimated Project Cost	Being Design & Build Project involving Ballastless Track and General Electrical Services, we request authority provide Estimated Project Cost.	Being EPC Tender, detailed engineering and design is to be done by the Tenderer. Hence, estimated cost has not been published by the Employer

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36	RFP Part 1 / Section IV. Tender Forms / Pg no. 124	Tender Security Form of Demand Guarantee	As per bid document, employer is Haryana Orbital Rail Corporation Limited but in Demand Guarantee format , bank Guarantee to be issued in the favour of " Haryana Rail Infrastructure Development Corporation Limited " Request authority to please clarify Bank Guarantee and other bidding forms to be issued in favour of Haryana Orbital Rail Corporation Limited OR Haryana Rail Infrastructure Development Corporation Limited. Kindly Confirm.	Tender conditions are self explanatory.
37	RFP Part 3 / Particular Conditions of Contract (PCC) Part A - Contract Data / Sr. 21 / Performance Security / 9	The Performance Security will be in the form of a "demand guarantee" in the amount(s) of 5% of the Accepted Contract Amount and in the same currency (ies) of the Accepted Contract Amount.	Request Authority to modify clause as under – The Performance Security will be in the form of a "demand guarantee" in the amount(s) of 3% of the Accepted Contract Amount and in the same currency (ies) of the Accepted Contract Amount. Rational : Various multilateral bank funded projects have a provision of 3% performance security of the Accepted Contract Amount. Kindly Consider and Confirm.	Tender conditions remain unchanged.
38	RFP Part 1 / Section II – Tender Data Sheet (TDS) / ITT 7.5 / Pg no. 40	The Tenderer is requested to submit any questions in writing, to reach the Employer not later than 2 days before the Pre-Tender Meeting.	The Site visit is organised on 24/11/22 i.e., just a day before prebid meeting. It is obvious that basis the site visit and subsequent understanding of site conditions, bidder shall have additional queries for clarifications. As such, we request employer to allow bidders to submit additional queries upto 30/11/2022. Kindly Consider and Confirm.	During Pre-Tender meeting meeting, on the request of prospective Tenderers, query submission date was extended upto 28.11.2022.
39	Part 2, Section VII-2: Employer's Requirements– General Clause No. 2.1.19 & Page No. 06	Contractor's facilities & site office: For batching plant, field quality control laboratory, site office and other activities (excluding labour camps) certain area of land as shown in Tender drawings will be made available by the Employer on as is where is basis free of cost.	Request you to kindly confirm area in Sqm near each shaft & Portal location for contractors' establishment of Batching Plant, field quality control laboratory, site offices, Temp. sheds & infrastructure facilities.	Refer Sketch of Section VII-8A Tender Drawings.
40	Part 2, Section VII-4: Employer's Requirements – Construction (Civil & BLT), Attachment C-3 & Page No. 19	Undertaking: We confirm to deploy resources as per the above-mentioned minimum requirement and also confirm to deploy plants & equipment over and above the minimum numbers indicated above, if the work requires so.	We presume that indicated equipment (including number/type/capacity) required for work are tentative, Contractor is free to deploy the plant and equipment as per his methodology to complete the work within time period. Please confirm	Refer Item No. 33 of Corrigendum No. 2
41	Section VII-9: Employer's Requirements-Appendices, Clause No. 10.2.2 & Page No. 57	Access to the Site: The Contractor shall make its own arrangements, subject to the consent of the Engineer, for access required to the Site. The Contractor shall negotiate with the landowners or other appropriate government agencies to seek temporary occupation of land and seeking necessary permission for construction of temporary access roads	At the bidding stage it is very difficult for bidder to understand the ownership of land & negotiate with landowner. So, request client to provide unhindered access to site. Please confirm	Tender conditions remain unchanged

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
42	Section VII-9: Employer's Requirements-Appendices, Clause No. 10.3.1 & Page No. 57	Contractor operations outside the site: The Contractor shall be solely responsible for acquiring any additional land (land in addition to the Site) required by him for his Temporary Works areas outside the ROW, at his own expense, including maintaining and reinstating the same on completion of the Works to the entire satisfaction of the landowner and the Engineer.	At the bidding stage it is very difficult for bidder to understand the ownership of land & negotiate with landowner, so request you to kindly provide land for Temporary Works areas outside the ROW on free of cost basis to contractor near each shaft & Adit location. Please confirm	Tender conditions remain unchanged
43	Section VII-9: Employer's Requirements-Appendices, Clause No. 10.34 & Page No. 74	Borrow Areas and Quarries: It shall be the responsibility of the Contractor to arrange for borrow areas (for fill material) and quarry sites (for ballast, aggregate and rock material) using his own resources.	Considering the difficulty of ascertaining usefulness and quality of material at bidding stage, we request you to kindly provide the details of land for useful borrow areas (for fill material) and useful quarry sites (for ballast, aggregate and rock material) and confirm the leads from each shaft/Portal. Please confirm	Tender conditions remain unchanged
44	Section VII-9: Employer's Requirements-Appendices, Clause No. 10.42.1 & Page No. 78	Power Supply and Lighting: Electric power supplies for the Contractor's temporary facilities, including but not limited to Contractor's camps, offices, Site, work areas and other facilities as described herein, shall be arranged by the Contractor	Please provide the following details: 1. Whether State Electricity board has made some provision for construction power for this package 2. The distance of nearest Grid power substation with available Power (MW) for this package.	Refer Sub-Clause 7.2 of Section I, ITT, Part 1- Tendering procedures
45	Section IX - Particular Conditions of Contract (PCC), Part A- Contract Data, Clause No.1.1.86 & Page No. 8	Time for Completion= 971 days	Construction of Tunnel in poor geology will consume more time. Hence considering the time for design and engineering and construction in difficult geology it is very hard to achieve the milestones and complete the project in total time of 971 days as given in the tender document. Hence, kindly request you to modify the clause for Time for completion to 1642 days (4.5 Years) and also modify the milestones accordingly. Please confirm	Refer Item No. 5 & 20 of Corrigendum No. 1 and Item No. 52 of Corrigendum No. 2
46	Section IX - Particular Conditions of Contract (PCC), Part A- Contract Data, Clause No. 8.8 & Page No. 10	Delay Damages for not achieving Key Dates shall be levied as given in Appendix 2, Section VII-12, Part 2- Employer's Requirements for each week or part thereof which shall elapse between the relevant Key Date and actual date of achieving Key Date.	We understood that the delay damages for not achieving the key dates will be released once the respective key dates are achieved. Please confirm.	Refer Sub-Clause 8.8 of Part A -Contract Data and Part B-Specific Provisions, Section IX, PCC, Part 3 - Conditions of Contract of Tender Documents.
47	Section IX - Particular Conditions of Contract (PCC), Part A- Contract Data, Clause No. 14.2 & Page No. 11	Total advance payment: 05% of the Accepted Contract Amount less Provisional Sum payable in the currencies and proportions in which the Accepted Contract Amount is payable.	We presume that Advance payment as an interest free, Please confirm	Refer Sub-Clause 14.2 of Section VIII, GCC (FIDIC Yellow Book, Second Edition, 2017) , Part 3 - Conditions of Contract of Tender Documents..
48	Section IX - Particular Conditions of Contract (PCC), Part A- Contract Data, Clause No. 14.2 & Page No. 11	Total advance payment: 05% of the Accepted Contract Amount less Provisional Sum payable in the currencies and proportions in which the Accepted Contract Amount is payable.	We request you to provide 10% of the Accepted Contract Amount less Provisional Sum payable in the currencies and proportions in which the Accepted Contract Amount as a Advance payment for smooth progress of work Please consider and confirm.	Tender conditions remain unchanged.

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
49	Section IX - Particular Conditions of Contract (PCC), Part A- Contract Data, Clause No. 114.5(b)(i)& Page No. 11	Plant and Materials: Plant and Materials for payment when shipped - NIL	we request you to kindly provide advance loan of 90% purchase cost of new plant & Equipment and 50% of old plant & Equipment limited to 5% of total contract amount for smooth progress of work. Please consider and confirm.	Tender conditions remain unchanged.
50	Section IX - Particular Conditions of Contract (PCC), Part B- Specific Provisions, Clause No. 13.3.1 & Page No. 43	Variation by Instruction: (I) Price Schedule 'A': b) For any variation in the Scope of the Works in Schedule 'A', cost of additional quantities/items shall be worked out based on the accepted rates of items provided in Schedule 'B' or Schedule 'C'.	We understand that the additional quantities and items for tunnel works in Schedule 'A' will be paid. Please confirm	Refer Item No. 58 of Corrigendum No. 2
51	Section IX - Particular Conditions of Contract (PCC), Part B- Specific Provisions, Clause No. 13.3.1 & Page No. 44	Variation by Instruction: (II) Price Schedule 'B' having items rates with quantities: a) At the accepted rates of the Contract for Positive variation in quantities of items to the extent of 50%. In case of variation in quantities on minus side, Contract rates will be payable at the accepted rates of the Contract for the executed quantities. For the purpose of variation for quantity of items of all types of cement given in Schedule 'B' shall be considered as on item	We request you to kindly modify the clause as below: "At the accepted rates of the contract for positive variation in quantities of items to the extent of 25%. In case of variation in quantities on minus side, Contract rates will be payable at the accepted rates of the Contract for the executed quantities. For the purpose of variation for quantity of items of all types of cement given in Schedule 'B' shall be considered as on item." Please consider and confirm.	Tender conditions remain unchanged.
52	Section IX - Particular Conditions of Contract (PCC), Part B- Specific Provisions, Clause No. 13.3.1 & Page No. 44	Variation by Instruction: (II) Price Schedule 'B' having items rates with quantities: b) In case the Variation in individual items (except for items under Para c), below) as stipulated above: is more than 50% on plus side, the rate for the varied quantity beyond 50% shall be negotiated between the Engineer and the Contractor and mutually agreed rates arrived at before execution of the extra quantity	We request you to kindly modify the clause as below: "In case the Variation in individual items (except for items under Para c), below) as stipulated above: is more than 25% on plus side, the rate for the varied quantity beyond 25% shall be negotiated between the Engineer and the Contractor and mutually agreed rates arrived at before execution of the extra quantity." Please consider and confirm.	Tender conditions remain unchanged.
53	Appendix A to Financial Part: Schedule of Adjustment Data Clause No. 1.2 & Page No. 131	Base Month: Base month for the purpose of Price Adjustment shall be the month in which the Tender is opened for Civil & BLT Works and General Electrical Services Works. The 1st Quarter will start from Base month;	We request you to modify the clause as below: Base month for the purpose of Price Adjustment shall be the month in which the Technical part of Tender is opened for Civil & BLT Works and General Electrical Services Works. The 1st Quarter will start from Base month; Please consider and confirm.	Tender conditions remain unchanged.
54	General	Tender Drawings	We understand that the contractor is free to change support systems for various class of rock based upon his own design and detailing. Please confirm.	Tender Document is self-explanatory.
55	General	Muck disposal	Request you to kindly provide the details of land for muck disposal and confirm the leads from each shaft/ Portal. Please confirm	Refer Sub-Clause 14.6.1 (k) of Section VII-6: Employer's Requirements -Outline Construction Specifications (OCS) – Civil & BLT
56	General	KMZ file of alignment	In order to understand project alignment and other features of project, kindly share KMZ file of alignment.	Refer Item No. 16 of Corrigendum No. 1

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
57	General	Auto cad files	Request you to kindly provide AutoCAD version of all drawings	Tender drawings in pdf are already provided in Section VII-8, Tender Drawing and Documents, Part 2-Employer's Requirements.
58	Vol. 2 / Section – VII 2 Employer's requirement (ER) – Functional (Civil and BLT) / Chapter- 2.1 / Scope under lumpsum price schedule A / Page No. 2	Tentative location of the shafts and area of land which will be made available to the Contractor for working is shown in Tender drawings.	Is any change in shaft location anticipated. Kindly clarify if Land for approaches to shaft is available. Kindly Confirm.	Tender conditions are self explanatory. Refer Item No. 49 and 60 of Corrigendum No. 2
59	Vol. 2 / Section – VII 2 Employer's requirement (ER) – Functional (Civil and BLT) / Chapter- 2.1.1 Design and construction of twin tunnel / Page No. 2	Design and Construction of cross passages at an interval of approximately 350m including fire stop doors at both ends as shown in the Tender drawings.	Please confirm Spacing of Cross-Passage. Please provide Fire Rate for Fire Doors and Heat release rate can be changed. Whether cross section shown in the drawing can be changed. Whether fire resistant concrete lining envisaged?	Tender conditions are self explanatory Refer Sub-Clause 7.4.6 of Section VII-5: Outline Design Specifications (Civil & BLT), Part 2 Employer's Requirements of
60	Vol. 2 / Section – VII 2 Employer's requirement (ER) – Functional (Civil and BLT) / Chapter- 2.1.3 Design and construction of railway formation / Page No. 3	The Contractor shall arrange borrow areas for earthwork (required in addition to earth obtained from cutting/tunnelling) in embankment at his own cost.	Is any location for borrow area identified by Client. Pls confirm and provide its capacity. Requirement of borrow area will get dictated by scheduling of works.	Tender conditions are self explanatory.
61	Vol. 2 / Section – VII 2 Employer's requirement (ER) – Functional (Civil and BLT) / Chapter- 2.1.9 / Page No. 4	Design and construction of precast RCC retaining wall near the toe of embankment wherever ROW is inadequate. Approximate locations of retaining wall is shown in Annexure- F-4.	What is the ROW width available. Whether cost in situ construction is allowed?	Refer Item No. 11 and 17 of Corrigendum No. 2.
62	Vol. 2 / Section – VII 2 Employer's requirement (ER) – Functional (Civil and BLT) / Chapter- 2.1.18 / Page No. 6	No claim whatsoever on account of any discrepancy about the rock/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 admissible to the contractor under any circumstances.	Change in Geology should remain payable w.r.t Tender drawings as the design will be firmed up based on bid information with regard to the geology. Kindly consider.	Refer Item No. 12 of Corrigendum No. 2. Also, Refer Sub-Clause 4.10 of Part B-Specific provisions, Section IX, PCC.
63	Vol. 2 / Section – VII 2 Employer's requirement (ER) – Functional (Civil and BLT) / Chapter- 2.3 Scope under Schedule 'C' (Item Rate for miscellaneous works) / Page No. 6	a) Diversion of all uncharted utilities, if required, as per approved plan. b) Any other activity as directed by the Engineer	Works shall be payable under activities which are not possible at tender stage to anticipate i.e., uncharted utility. Kindly clarify.	Tender conditions are self explanatory.

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
64	Vol. 2 / Section – VII 3 Employer's requirement (ER) – Design (Civil and BLT 1. INTRODUCTION / Page No. 1	The Contractor shall engage the Designer who shall undertake and prepare the design of the Permanent Works and Temporary Works. The Contractor shall place his core design team at Gurugram.	Given the complexity of design involved in the project, deputation of full strength with multi-disciplinary strength professionals will be required to prepare and conclude design. Deputation of such team at Gurugram does not appear to be feasible. For efficient and time bound addressing of design issues the engaged consultant (DDC) may be allowed to perform from his parent office. However, a design coordinator shall be deputed on full time basis at Gurugram, and consultant (DDC) shall remain available at Gurugram during meetings etc. as and when warranted. Kindly consider and confirm.	Tender conditions remain unchanged
65	Vol. 2 / Section – VII 3 Employer's requirement (ER) – Design (Civil and BLT / 2.11 Environmental Considerations / Page No. 8	Environmental Considerations	Kindly share EIA/EMP Study to Contractor.	Refer Appendix 13:ESHS Manual of Section VII-9, Appendices of Part 2 Employer's Requirements
66	Part 2 / Section -VII-9 -Tender Drawings and Document Drg. No – GC-HRIDC-C4-DRW-TTL-CLT-01012_A0	Refer Section, HORC & DFC X-ing (45.7 Comp Girder)	Please confirm whether Scope of Composite Girder is under C4 Package.	Composite Girder is not in the scope of C-4 Package.
67	Part 2 / Section -VII-9 -Tender Drawings and Document Drg. No – GC-HRIDC-C4-DRW-TTL-CLT-01001_A0	Concept Drawing	No water proofing membrane has been shown in section. Please confirm if water proofing is to be considered in design.	Waterproofing membrane has been shown in the referred drawings. Also, Refer Chapter 4 of Section VII-6 OCS, Part 2 -Employer's Requirements for installation of Waterproofing membrane.
68	Part 2, Employer's Requirements, Sec VII-8-Tender Drawings and Documents, List of Drawings, 4. Miscellaneous Drawings (Conceptual Plan), S.no:2 Schematic diagram of HORC tunnel C4 Package, Dr no: GC-HRIDC-C4-SK- TUNNEL-001 AO	Schematic diagram of HORC tunnel C4 Package	The total no. of faces for execution of tunnelling provided are 14. Keeping in view of the constraints from tunnelling from shafts, it is not possible to operate the various activities even if the tunnelling activities are staggered for various faces. Therefore, it is requested to review the faces of operation. Also, it is requested not to make mandatory to operate from 14 no. of faces since it is uneconomical due to high Capital investment. The bidder shall be allowed to decide no. of faces as per methodology and agreed construction schedule.	Tender conditions remain unchanged

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
69	Part-3 (Conditions of Contract & Contract Forms), Section IX- Particular Conditions of Contract, Part A- Contract Data, S.no:5, Sub clause:1.1.86, Page no-8	Time for Completion, 971 days	The scope of work involves the study of geotechnical surveys, design and engineering and mobilization of required equipment etc. Moreover, the tunnelling to be carried out in soil strata, construction of shafts, concrete lining, BLT and Electrical works etc will consume a lot time. Keeping in view of the scope of works to be carried out under this package, the completion time provided is insufficient and not feasible to complete the job within the time stipulated. Therefore, it is requested to review and revise the period of completion.	Refer Item No. 20 of Corrigendum No. 1 & Item No. 52 of Corrigendum No. 2 .
70	Part 2, Employer's Requirements, Sec VII-9-Appendices, Appendix-2, Contract Key Dates and Completion Date, Pg-3-5	Appendix-2, Contract Key Dates and Completion Date	The key dates provided seems are not practical and not feasible. Therefore, it is requested to review the Key dates. We propose that, these key dates may be discussed and fixed after mutual discussions after signing the agreement with the successful bidder.	Refer Item No. 20 of Corrigendum No. 1 and Item No. 52 of Corrigendum No. 2
71	Part 2, Employer's Requirements, Sec I VII-4-Construction (Civil & BLT), Attachment C-3, Minimum Resources required for the project-Plants & Equipment, Pg-19	Attachment C-3, Minimum Resources required for the project-Plants & Equipment	The minimum plant and equipment provided in the attachment C- 3 are on higher side. As explained above, the equipment provided will be idle and could not be utilized fully, thereby there will be increase in the cost of equipment loaded to the project. Therefore, bidder shall be allowed to propose their equipment as per methodology and agreed construction schedule.	Refer Item No. 33 (revised equipment list) of Corrigendum No. 2.
72	Part 1, Tendering Procedures, Sec-I, Instruction to Tenderers, Cl: ITT 7.5, Pg- 40	7. Clarification of Tender Document, Site Visit, Pre-Tender Meeting	Still more time is required to study, understand and review the tender documents by the Bidders and their Designers. It is requested to provide some more time to submit the queries.	During Pre-Tender meeting meeting, on the request of prospective Tenderers, query submission date was extended upto 28.11.2022.
73	Part 2, Employer's Requirements, Sec . VII-9-Appendices,Appendix-10, Construction & Site Management, Cl:10.46.8. Pg-83	Any relocation/removal/diversion of Chartered Utility shall be entirely the Construction & Site Management, Contractor's responsibility and any cost on this account shall be borne by the Contractor.	Since it is difficult to assess the cost of relocation/removal/diversion of Chartered utility shifting at the bidding stage. Therefore, it is requested to please make the payment under relevant items of Schedule B & C as per actuals.	Tender conditions remain unchanged.
74	Part-3 (Conditions of Contract & Contract Forms), Section IX- Particular Conditions of Contract, Part A- Contract Data, S.no:21, Sub clause:4.2 Pg-9	Performance Security: The Performance Security will be in the form of a "demand guarantee" in the amount(s) of 5% of the Accepted Contract Amount and in the same currency (ies) of the Accepted Contract Amount.	Since, the various industrial sectors including infra sector is affected by the COVID 19 pandemic and these sectors are still in the process of recovery, it is requested to consider 3% of the Accepted Contract Amount as Performance Security instead of 5%, as per the GOs circulated by Government of India.	Tender conditions remain unchanged.
75	Part-3 (Conditions of Contract & Contract Forms), Section IX- Particular Conditions of Contract, Part A- Contract Data, S.no:26, Sub clause:6.5 Pg-9	Normal working hours: From 8:00 AM to 5:00 PM	Please confirm that there will not be any hindrances for blasting, mucking and other construction activities to carryout in day and night time.	Refer Sub-Clause 6.5, Part B-Specific Provisions of Section IX, Particular Conditions of Contract, Part 3, Conditions of Contract

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
76	Part-3 (Conditions of Contract & Contract Forms), Section IX- Particular Conditions of Contract, Part A- Contract Data, S.no:31, Sub clause:14.2 Pg-11	Total Advance Payment 05% of the Accepted Contract Amount less Provisional Sum payable in the currencies and proportions in which the Accepted Contract Amount is payable.	We presume that the advance 05% of Accepted Contract Amount is interest free. Please confirm.	Refer Sub-Clause 14.2 of Section VIII, GCC (FIDIC Yellow Book, Second Edition, 2017), Part 3 - Conditions of Contract of Tender Documents..
77	Part-3 (Conditions of Contract & Contract Forms), Section IX- Particular Conditions of Contract, Part A- Contract Data, S.no:33 & 34, Sub clause:14.3(iii) Pg-11	Percentage of retention - 10%, Limit of Retention Money (as a percentage of Accepted Contract Amount less Provisional Sum) -5%	The percentage retention of 10% from each RA bill is very high. To ease the cashflow of the project during construction, it is requested that the percentage retention to be decreased to 5%. Moreover, it is also requested that the sum recovered from RA bills may be converted / replaced with equivalent amount Bank Guarantees.	Tender conditions remain unchanged.
78	Part-3 (Conditions of Contract & Contract Forms), Section IX- Particular Conditions of Contract, Part B- Specific Provisions, Sub- clause:14.9, Pg- 54	If the Performance Security required under Sub-Clause 4.2 is in the form of a demand guarantee, and the amount guaranteed under it when the Taking-Over Certificate is issued is more than half of the Retention Money, then the Retention Money guarantee will not be required. If the amount guaranteed under the Performance Security when the Taking-Over Certificate is issued is less than half of the Retention Money, the Retention Money guarantee will only be required for the difference between half of the Retention Money and the amount guaranteed under the Performance Security."	We presume that if PBG > Retention money no BG is required and the 100% retention money will be released after completion of work	Tender condtns are self explanatory.
79	General	Dumping yards	Any dumping yards are identified by the department. If so Please provide the dumping locations	Refer Sub-Clause 7.2 of Section I, ITT, Part 1- Tendering Procedures and Sub-Clause 14.6.1 (k) of Section VII-6: Employer's Requirements- Outline Construction Specifications (OCS)-Civil & BLT
80	General	Drawings	Since the present package is of EPC, it is requested to provide the Autocad Drawings to work out the quantities.	Tender drawings in pdf are already provided in Section VII-8, Tender Drawing and Documents, Part 2- Employer's Requirements.
81	Section VII-3, Detail Design Consultant (DDC) for Ballastless Track (BLT) System, Para 13.5:-	The Contractor shall submit test report of the proposed fastening system from a reputed independent institute/laboratory. The test report shall be accompanied with the drawing of the fastening system including its components which have been tested and reported upon. The Contractor shall propose the same fastening system for which test report has been submitted. The testing shall be done for Cat 'E' as specified in EN-13401 Pt-1:2012 & EN-13401 Pt-5:2012 for 60Kg UIC rail section. The Contractor shall also submit a statement showing compliance or otherwise, in juxtaposition to each Clause and Sub-Clause as specified in EN-13401 Pt-1:2012 & EN-13401 Pt-5:2012.	Reference the highlighted portions there is no EN Testing of Fastening system on Ballastless track for Cat E loading. EN 13481-5 lists only Cat A-D for testing. Hence request your kindself to amend the same to be tested as per Cat 'C' as specified in latest version of EN-13481 Pt-1 & EN-13481 Pt-5 for 60Kg UIC rail section.	Refer Item No. 26, 27 & 37 of Corrigendum No. 2

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
82	Clause 3.4.2(a), Page No. 60 (RFPPART1)	Must have the experience of executing at least one "similar work" of value INR 3690 million (USD 44.78 million) or more involving minimum 1.5 km of equivalent length of NATM tunnel that has been successfully or substantially completed since 1st April 2015 till 28 days prior to deadline of Tender submission	<p>As per the tender requirement {for Joint Venture / Consortium (existing or intended)} , each Joint Venture (JV) member must demonstrate the experience of executing at least one "similar work" of value INR 3,690 million (USD 44.78million) or more involving minimum of 1.5 km of equivalent length of NATM tunnel that has been successfully or substantially completed.</p> <p>In view of the above, it is requested to the Authority to kindly reconsider the subject clause as – "In case of Joint Venture, each member must have the experience of executing at least one "similar work" of 10% to 15% of INR 7380 million involving minimum of 1.5 km of NATM tunnel that has been successfully or substantially completed".</p> <p>Such amendment in the clause, will surely be encouraging more bidder participation, entailing healthy competition for the Project.</p>	Refer Item no. 11 & 12 of Corrigendum No. 1
83			Authority is hereby requested to kindly furnish the Estimated cost of the Project, including / excluding GST component.	Being EPC Tender, detailed engineering and design is to be done by the Tenderer. Hence, estimated cost has not been published by the Employer
84	Particular Conditions of Contract (PCC) S.No.21, Page 9, (RFPPART3)	The Performance Security will be in the form of a "demand guarantee" in the amount(s) of 5% of the Accepted Contract Amount and in the same currency (ies) of the Accepted Contract Amount.	Authority is hereby requested to kindly consider 3% of the Performance Security in place of 5%, as has been considered in Tenders invited by government departments / PSUs	Tender conditions remain unchanged.
85	General - Project Clearances	Status of Mandatory Clearances.	<p>It is requested to confirm the status of following</p> <ul style="list-style-type: none"> •Land Acquisition •Rehabilitation & Re-Settlement Status •PIB and CCEA Clearance •Any other (if applicable). <p>Also request to confirm the tentative timeline for these clearances.</p> <p>We construe that all the above approvals shall be obtained by the Owner and any delays in the same shall entitle the Contractor for extension of time and cost compensation.</p>	<p>Refer Sub-Clause 2.1 of Part A Contract Data, Section IX, PCC, Part 3-Conditions of Contract and Sub-Clause 1.2 of Section VII-1: Employer's Requirements -General of Tender documents.</p> <p>Tender conditions remain unchanged</p>
86	General – Project Requirements	General	<p>Kindly provide the tentative information regarding nearby availability of following:</p> <ul style="list-style-type: none"> •Potable water •Construction water •Infrastructure Facilities •Nearest Grid 	Refer Sub-Clause 7.2 of Section I, ITT, Part 1-Tendering Procedures and Sub_Claue 4.19 of Section VIII-GCC, Part 3 Conditions of Contract of Tender documents

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
87	Part 1-Tendering Procedures; Section I-ITT; B. Contents of Tender Document; Page No:10/200;	Cl. 7: Clarification of Tender Document, Site Visit, Pre-Tender Meeting	It is humble request make available all-weather heavy equipment movement friendly Access roads and Grid power to avoid the pollution/Exorbitant DG power cost on the commencement date.	Refer Sub-Clause 10.2 of Appendix 10, Section VII-9, Appendices, Part 2-Employer's Requirements & Sub-Clause 4.19 of Section VIII-GCC, Part 3, Conditions of Contract of Tender documents
88	Part 3-Particular Conditions of Contract; Section IX- PCC; Part B-Specific Provisions; Page: 16/90;	Cl 1.1.98: Principal Employer Principal Employer means 'Haryana Orbital Rail Corporation Limited'.	We understand that "Principal Employer" and "Employer" are same. Kindly confirm.	Refer Sub-Clause 1.1.30 of Part A-Contract Data and Sub-Clause 1.1.98 Part B, Specific Provisions of Section IX, PCC, Part 3 of Tender documents
89	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 9-10; Cl 1.5 Priority of Documents + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B-Specific Provisions; Page: 17-18; Cl 1.5 Priority of Documents	Cl 1.5: The documents forming the Contract are to be taken as mutually explanatory of one another. If there is any conflict, ambiguity or discrepancy, the priority of the documents shall be in accordance with the following sequence: ... (l) the Reference Information/ Report, and (m) Contractor's Proposal and any other documents forming part of the Contract.	It is requested to give clarity on "Contractor's Proposal" mentioned in priority of documents since "Contractor's Proposal" is deleted in Cl:1.1.9 "Definition of Contract".	Refer Item No. 57 of Corrigendum No. 2.
90	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 13;	1.13. Compliance with Laws	We request in sub clause (b) second line after the word 'Laws' the following sentence to be added: "other than those permissions to be obtained by the Employer as per the terms of above sub clause 1.13(a)"	Tender conditions remain unchanged
91	Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 18; Cl 1.17 Inspections & Audit by the Bank	Inspections and Audit by the Bank "The Contractor shall permit and shall cause its agents (whether declared or not), subcontractors, subconsultants, service providers, suppliers, and their personnel, to permit the Bank and/or persons appointed by the Bank to inspect the site and/or the accounts, records and other documents relating to the procurement process, tender submission, proposal submission, and contract execution, and to have such accounts, records and other documents audited by auditors appointed by the Bank"	We assume that the Bank shall have the powers to provide prior reasoned written notice to the Contractor and call for records, not audit. Further, the scope of this right is construed to be limited to the records of this Project /Contract only. Request to confirm.	Tender conditions are self-explanatory
92	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 15; Cl 2.1 Right of Access to the Site + Part 3-Particular Conditions of Contract; Section IX- PCC; Part A-Contract Data; Page: 8; Cl 2.1 Right of Access to the Site	90% length of the Tunnel portion and the length of the formation shall be handed over to the Contractor within 7 days after the Commencement Date. The balance length shall be handed over within 90 days after the commencement Date.	Kindly confirm whether the 90% which is being provided in 7 days is in continuous stretch or in bits and pieces. It is requested to provide unencumbered Access to site on the commencement date. Also, request to provide the timelines for providing Access to and Possession of site to other portions of site except for Tunnel length and formation if any.	Refer Item No. 60 of Corrigendum No. 2 and Sketch enclosed with Attachment 5 of Corrigendum No. 2

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
93	Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 18; CI 2.4 Employer's Financial Arrangements + Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 57; CI 2.4 Employer's Financial Arrangements	The following sub-paragraph is added at the end of Sub-Clause 2.4: "In addition, if the Bank has notified to the Recipient that the Bank has suspended disbursements under its loan, which finances in whole or in part the execution of the Works, the Employer shall give notice of such suspension to the Contractor with detailed particulars, including the date of such notification, with a copy to the Engineer, within 7 days of the Recipient having received the suspension notification from the Bank. If alternative funds will be available in appropriate currencies to the Employer to continue making payments to the Contractor beyond a date 60 days after the date of Bank notification of the suspension, the Employer shall provide reasonable evidence in its notice of the extent to which such funds will be available."	We understand that the Contractor shall be entitled to extension of time and reasonable cost compensation during the suspended period. Further, allowed to demobilize its resources idle during the period of suspension and on revocation to remobilize, and be entitled to reimbursement of such costs by the Employer. Kindly confirm.	Tender conditions are self explanatory
94	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page:16; CI 2.5 Site Data and Items of Reference	The Employer shall have made available to the Contractor for information, before the Base Date, all relevant data in the Employer's possession on the topography of the Site and on sub-surface, hydrological, climatic and environmental conditions at the Site. The Employer shall promptly make available to the Contractor all such data which comes into the Employer's possession after the Base Date.	Request to provide relevant information regarding topography, hydrological, climatic & environmental conditions of the site.	The information available with the Employer has been provided in Section VII-8: Tender Drawings and Documents, Part 2-Employer's Requirements of Tender documents.Also, refer Sub-Clause 10.26 of Appendix 10, Section VII-8: Appendices, Part 2-Employer's Requirements of Tender Documents.
95	Page: 23; CI 4.1 Contractor's General Obligations + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B-Specific Provisions; Page: 20-22; CI 4.1 Contractor's General Obligations	The following is inserted after the second paragraph "The Contractor shall provide the Plant (and spare parts, if any)...": "All equipment, material, and services to be incorporated in or required for the Works shall have their origin in any eligible source country as defined by the Bank." The following is inserted after the fifth paragraph "The Contractor shall, whenever required by the Engineer...": The Contractor shall not carry out mobilization to Site (e.g. limited clearance for haul roads, site accesses and work site establishment, geotechnical investigations or investigations to select ancillary features such as quarries and borrow pits) unless the Engineer gives consent, a consent that shall not be unreasonably delayed , that appropriate measures are in place to address environmental and social risks and impacts, which at a minimum shall include applying the Management Strategies and Implementation Plans (MSIPs) and Code of Conduct for Contractor's Personnel as part of the Contract.	Kindly provide the list of the eligible countries for the procurement of Equipment, Materials, and services. Also, request to provide the Extension of Time and Cost Compensation in case of delay by the engineer in giving his consent to carry out Mobilization to Site.	Refer Section V-Eligible Countries, Part 1 of Tender Documents. Tender conditions are self explanatory.

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
96	Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 22; CI 4.2 Performance Security	<p>Replace Sub-Clause 4.2.1 with the following: The Contractor shall, within 28 days of the date of receiving the Letter of Acceptance, provide to the Employer, the Performance Security in a sum equal to the amount specified in the Contract Data, for the due observance and performance by the Contractor of the Contract. In the event the Contractor fails to provide the Performance Security within 28 days from the date of issue of the LOA, it may seek an extension of time for providing the performance security for a period not exceeding a further 14 days on payment of damages for such extended period in a sum calculated at the rate of 0.005% of the Accepted Contract Amount for each day until the Performance Security is provided.</p>	As the we extend the bid security, we seek deletion of the terms "on payment of damages for such extended period in a sum calculated at the rate of 0.005% of the Accepted Contract Amount for each day until the Performance Security is provided". Kindly delete it.	Tender conditions remain unchanged
97	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 23-24; CI 4.2 Performance Security + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B- Specific Provisions; Page: 22-23; CI 4.2 Performance Security + Part 3-Particular Conditions of Contract; Section IX- PCC; Part A- Contract Data; Page: 9; CI 4.2 Performance Security	... In the event of a revision of the Contract Price, the value of the Performance Security shall be increased Proportionately by the Contractor, if required by the Employer. The cost of obtaining the Performance Security shall be at the expense of the Contractor. ...	It is requested to add provision to reduce the performance security in case of Contract Value reduces during the Execution of the contract similar to the increase of PBG as explained in mentioned clause. Also, request to give clarity on Submission of Performance Security in Demand Guarantee or Unconditional Bank Guarantee because there is ambiguity between Part- A Contract Data and Part B- Specific Provisions.	Tender conditions remain unchanged Refer Item No. 21 of Corrigendum No. 1.
98	Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 27; CI 4.10 Use of Site Data	Add at the end of paragraph 1 of Sub-Clause 4.10. "Accordingly, the Contractor shall have no claim in this regard."	We request deletion of this addition & let GCC clause prevail.	Tender conditions remain unchanged
99	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 31-32; CI 4.10 Use of Site Data + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B- Specific Provisions; Page: 27-28; CI 4.10 Use of Site Data + Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 32; CI 4.12 Unforeseeable Physical Conditions	The following is added at the end of the Sub-Clause: The Geotechnical and other related data provided by the Employer are based on the investigation conducted by the Employer/Engineer and are for reference purposes only. The Contractor shall conduct further investigations if considered necessary by him at his own cost and should satisfy himself with the data furnished and make his own investigations if required for submitting his offer. Financial cost incurred due to any change in design or construction methodology later during execution on account of change in Geotechnical and other related data provided by the Employer shall be borne by the Contractor.	It is requested to give clarity regarding the time and cost compensation for change in geology as it is mentioned in this clause that it is not paid but Contractor is entitled for payment as per CI: 4.12 Unforeseeable Physical Conditions of GCC.	Tender conditions are self explanatory.
100	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 34; CI 4.15 Access Route + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B- Specific Provisions; Page: 28; CI 4.15 Access Route	The Contractor shall be deemed to have been satisfied, at the Base Date, as to the suitability and availability of the access routes to the Site. The Contractor shall take all necessary measures to prevent any road or bridge from being damaged by the Contractor's traffic or by the Contractor's Personnel. These measures shall include the proper use of appropriate vehicles (conforming to legal load and width limits (if any) and any other restrictions) and routes.	We understand that the contractor will be provided all-weather heavy equipment movement friendly Access roads on the Commencement date for the faster execution of the works. Kindly confirm.	Refer also Sub-Clause 10.2 of Appendix 10, Section VII-9, Appendices, Part 2-Employer's Requirements

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
101	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 42; Cl 6.5 Working Hours + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B- Specific Provisions; Page: 33-34; Cl 6.5 Working Hours	The Contractor, if required, shall take approval of Engineer for carrying out work during night hours or in shifts subject to compliance with applicable Laws and shall be responsible for all necessary safety arrangements with respect to the work being undertaken. However, the Contractor shall not be entitled to any claim for increase in rates or any additional cost and the same shall be deemed to be included in the Contract Price.	It is requested to delete "the Contractor shall not be entitled to any claim for increase in rates or any additional cost and the same shall be deemed to be included in the Contract Price." Also, request to allowing working as 24x7.	Tender conditions remain unchanged. Tender conditions remain unchanged.
102	Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 41;	8.1 Commencement of Work	Bidder requests that any delays in providing access to Site in terms hereof shall entitled the Contractor for extension of time and cost compensation.	Refer Sub-Clause 8.5 of Section VIII-8, GCC and Section IX PCC of Tender Documents.
103	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 51; Cl 8.5 Extension of Time for Completion + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B- Specific Provisions; Page: 41-42; Cl 8.5 Extension of Time for Completion	The Contractor shall be entitled subject to Sub-Clause 20.2 [Claims For Payment and/or EOT] to Extension of Time if and to the extent that completion for the purposes of Sub-Clause 10.1 [Taking Over the Works and Sections] is or will be delayed by any of the following causes:	It is requested to add "(f) any delay, impediment or prevention caused by or attributable to the Employer, the Employer's Personnel, or the Employer's other contractors on the Site" after (e) in the first paragraph.	Tender conditions remain unchanged
104	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 52; Cl 8.6 Delays Caused by Authorities	If: (a) the Contractor has diligently followed the procedures laid down by the relevant legally constituted public authorities or private utility entities in the Country; (b) these authorities or entities delay or disrupt the Contractor's work; and (c) the delay or disruption was Unforeseeable, then this delay or disruption will be considered as a cause of delay under sub-paragraph (b) of Sub-Clause 8.5 [Extension of Time for Completion].	We understand that there shall be Cost compensation in case of delay caused by Authorities as the delay is not attributable to the Contractor. Kindly confirm.	Tender conditions are self-explanatory.
105	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 52-53; Cl 8.8 Delay Damages + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B- Specific Provisions; Page: 42; Cl 8.8 Delay Damages	The Delay Damages recovered corresponding to any key date will be provisional and would be refunded by the Employer on achievement of subsequent key date on time.	It is requested to add "and or completion of works on time" at the end of mentioned paragraph.	Tender conditions remain unchanged.
106	Part 3-Particular Conditions of Contract; Section IX- PCC; Part A- Contract Data; Page: 10; Cl. 8.8	Delay Damages for not achieving Key Dates shall be levied as given in Appendix 2, Section VII-12, Part 2-Employer's Requirements for each week or part thereof which shall elapse between the Time for Completion and actual Date of Completion of the Works.	We assume that the Delay Damages shall be sole and exclusive damages recoverable for delays solely attributable to the Contractor, specifically not applicable for extensions /events under Cl. 8.5 and shall be subject to determination of Employer's Claims, not unilaterally recovered/withheld. Kindly confirm.	Tender conditions are self explanatory.
107	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 71;	13.6 Adjustments for Changes in Laws	We understand that the Change in rates of taxes, duties, cess etc. shall be claimed as per Change in Legislation provision under Clause 13.7. Please confirm.	Tender conditions are self explanatory.

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
108	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 71; CI 13.7 Adjustments for Changes in Cost + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B- Specific Provisions; Page: 47; CI 13.7 Adjustments for Changes in Cost + Section IV- Tender Forms; Letter of Tender-Financial Part; Page: 131; Appendix A to Financial Part: Schedule of Adjustment Data	Price Adjustment: ... a) Base month for the purpose of Price Adjustment shall be the month in which the Tender is opened for Civil & BLT Works and General Electrical Services Works. The 1st Quarter will start from Base month; Price adjustment will also be applicable during the extended period of Time for Completion where such extension has been granted under Sub-Clause 8.5 [Extension of Time for Completion] or it is specifically mentioned that extension is with Price Adjustment.	It is requested to consider the Base month for the purpose of Price Adjustment as the month of 28 days before the tender is submitted for Civil & BLT Works and General Electrical Services Works. Also request to provide the price adjustment at the indices of that month during the extended period. Kindly confirm.	Tender conditions remain unchanged. Tender conditions remains unchanged.
109	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 72-73; CI 14.2.1 Advance Payment Guarantee + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B- Specific Provisions; Page: 48-49; CI 14.2.1 Advance Payment Guarantee + Part 3-Particular Conditions of Contract; Section IX- PCC; Part A- Contract Data; Page: 11; CI 14.2 Total Advance payment	Total Advance Payment: 5% of the Accepted Contract Amount less Provisional Sum payable in the currencies and proportions in which the Accepted Contract Amount is payable.	We understand that this advance payment is interest free. Kindly Confirm.	Refer Sub-Clause 14.2 of Section VIII, GCC (FIDIC Yellow Book, Second Edition, 2017), Part 3 - Conditions of Contract of Tender Documents..
110	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 78; CI 14.7 Payment + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B- Specific Provisions; Page: 51; CI 14.7 Payment + Part 3-Particular Conditions of Contract; Section IX- PCC; Part A- Contract Data; Page: 12; CI 14.7 Payment	i) The Employer shall pay 80% of such amount as provisional payment within 7 days from the receipt of evaluated statement from the Engineer. The balance 20% shall be paid within 28 days from the receipt of evaluated statement from the Engineer. Next 80% amount of provisional payment shall be made only after 100% payment of preceding interim payment certified has been completed.	We understand that "Evaluated Statement" means "Interim Payment Certificate". Kindly confirm.	Tenderer's understanding is correct.
111	Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 53; CI 14.7 Payment	(d) Provisional amount against the Statement specified in Sub-Clause 14.3: iii) If at any time, the Engineer/Employer observes for the second time that the amount claimed in the Statement are higher than the actual admissible performance, the facility of provisional payment will be liable to be withdrawn.	It is requested to delete the extracted part in bold.	Tender conditions remain unchanged.

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
112	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 78; CI 14.7 Payment + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B-Specific Provisions; Page: 51; CI 14.7 Payment + Part 3-Particular Conditions of Contract; Section IX- PCC; Part A-Contract Data; Page: 12; CI 14.7 Payment	The Employer shall pay to the Contractor: ... (b) the amount certified in each IPC issued under: (i) Sub-Clause 14.6 [Issue of IPC], within the period stated in the Contract Data (if not stated, 56 days) after the Engineer receives the Statement and supporting documents; or ... (d) Provisional amount against the Statement specified in Sub-Clause 14.3: i) <u>The Employer shall pay 80% of such amount as provisional payment within 7 days from the receipt of evaluated statement from the Engineer.</u> <u>The balance 20% shall be paid within 28 days from the receipt of evaluated statement from the Engineer. Next 80% amount of provisional payment shall be made only after 100% payment of preceding interim payment certified has been completed.</u>	It is requested to clarify the timeline of payment of IPC as it is mentioned 56 days in (b)(i) but 28 days from the receipt of evaluated statement from the Engineer in (d)(i).	Please refer Sub-Clause 14.6.1, 14.7 of Section VIII- GCC, and Sub-Clause 14.7 of Part B-Specific Provisions, Part 3 , Conditions of Contract.and
113	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 79; CI 14.9 Release of Retention Money + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B-Specific Provisions; Page: 54; CI 14.9 Release of Retention Money	Unless otherwise stated in the Contract, when the Taking-Over Certificate has been issued for the Works and the first half of the Retention Money has been certified for payment by the Engineer, the Contractor shall be entitled to substitute a guarantee, in the form annexed to the Particular Conditions of Contract or in another form approved by the Employer for the second half of the Retention Money.	It is requested to provide cash retention to BG in tranches of 1% of CV. Also, request to release 100% retention money on issuance of Taking over Certificate as the Employer will still be having Performance BG with him till the expiry of the DLP.	Tender conditions remain unchanged
114	Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 56; CI 15.8 Part(s) termination of the Contract	Part(s) termination of Contract --- Whole Clause ---	It is requested to delete this PCC clause. The GCC conditions alone shall be applicable for termination/descoping of works.	Tender conditions remain unchanged.
115	Part 3-Particular Conditions of Contract; Section IX- PCC; Part A-Contract Data; Page: 10; CI. 17.2 (d) and 19.2.1 (iv)	Earthquake, Floods, rain, wind/storm	We seek deletion of this addition and request to let GCC to prevail.	Tender conditions remain unchanged.
116	Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 22; CI 17.4 Indemnities by the Contractor	Replace the sub-paragraph 17.4(b) (i) of Sub-Clause 17.4 with the following: (i) arises out of or in the course of or by reason of the design, execution, completion, and the remedying of any defects of the Works, and	We request insertion of the following at the end "All instances of Indemnity by the Contractor shall be subject to the following: a) limited to the actually incurred direct costs due to the event indemnified; b) the event must be fully attributable to the Contractor and the Contractor is immediately notified upon receipt of the claim; c) the indemnities shall be defended solely by the Contractor. Further, for IPR indemnity, shall be provided, only if the infringement is not due to misuse/wrong use or modifications/ reverse engineering of any nature by the Employer or its users."	Tender conditions remain unchanged.

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
117	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 93; CI 18.1 Exceptional Events + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B- Specific Provisions; Page: 58; CI 18.1 Exceptional Events	Exceptional Events	Kindly add "epidemic/endemic/pandemic/covid like situations" also in this clause.	Tender conditions remain unchanged.
118	Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 59; CI 20.2 Claims for Payment and/or EOT	The first paragraph is replaced with: "If either Party considers that it is entitled to claim under 20.1 (a) or (b), the following claim procedure shall apply:"	It is requested to delete the extracted part and let the GCC prevail.	Tender conditions remain unchanged.
119	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 99;	20.2 Claims For Payment and/or EOT --- Whole Clause ---	Bidder requests that the following words in the mentioned clause to be deleted: "or should have become aware"	Tender conditions remain unchanged.
120	Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 61; CI 21.6 Arbitration	Number of Arbitrators - The Arbitral tribunal shall consist of: (i) Sole Arbitrator (or) (ii) 3 (three) arbitrators	This cannot be kept open. Thus, we request to keep Arbitral Tribunal consisting of three arbitrators.	Refer Item No. 59 of Corrigendum No. 2
121	Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 64; CI 21.6 Arbitration	(i) In case of Sole Arbitrator: Within 30 days from the day when a written and valid demand for Arbitration is received by MD/HRIDC, the Employer will forward a panel of 03(three) names to the Contractor. The Contractor shall have to choose one Arbitrator from the panel of three, to be appointed as Sole Arbitrator within 30 days of dispatch of the request by the Employer. In case the Contractor fails to choose one Arbitrator within 30 days of dispatch of the request by the Employer, then MD/HRIDC shall appoint any one Arbitrator from the panel of Arbitrators as sole Arbitrator (ii) In case of 03 Arbitrators: a) Within 30 days from the day when a written and valid demand for Arbitration is received by MD/HRIDC, the Employer will forward a panel of not fewer than five (05) nominees to the Contractor. The Contractor will then give his consent for any one name out of the panel to be appointed as one of the arbitrators within 30 days of dispatch of the request by the Employer.	We request clarification as to when the arbitral tribunal shall constate of Sole Arbitrator and when it would constitute a three member panel? We further request removal of requirement to choose from the panel to be provided by the Employer, in both cases. The Contractor shall be allowed to freely propose the name of the arbitrator and parties may mutually agree- in case of sole arbitrator. In case of three member panel, the nominee of the Contractor shall be freely elected by the Contractor and not from a limited panel provided by the Employer.	Refer Item No. 59 of Corrigendum No. 2 Refer Item No. 59 of Corrigendum No. 2 Tender conditions remain unchanged
122	Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 64; CI 21.6 Arbitration	... In case of failure of the two appointed Arbitrators to reach upon consensus within a period of 30 days from their appointment, then, upon the request of either or both parties, the presiding Arbitrator shall be appointed by the MD/HRIDC within 14 days of receipt of request from either party or both parties.	This cannot be accepted. In case of any disagreement, presiding arbitrator to be appointed by the neutral entity by the High Court of Punjab & Haryana. Kindly confirm.	Tender conditions remain unchanged

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
123	Part 3-Particular Conditions of Contract; Section IX- PCC; Page: 65; CI 21.6 Arbitration	<p>The minimum qualification and experience of the arbitrators which may be appointed by the Parties in accordance with the contract is set out below:</p> <p>(i) A working/retired officer (not below E-8 grade in a central public sector undertaking in India, with which the Employer has no direct business relationship), of engineering or accounts/finance discipline, having experience in management of construction contracts; or</p> <p>(ii) A retired officer (not below the SAG level in Indian Railways) of any Engineering Services of Indian Railways or Indian Railway Accounts Service, having experience in management of construction contracts;</p>	<p>We request removal of this clause.</p> <p>The arbitrators appointed under this clause shall be in accordance with the Arbitration & Conciliation Act, 1996 as amended from time to time including Sec 12 and related schedules 5 and 7 under the Act. Request to accept.</p>	Tender conditions remain unchanged
124	Part 3-Particular Conditions of Contract; Section X- Contract Forms; Page: 88; Contractor's Warranty	Contractor's Warranty	<p>It is requested to delete this Warranty form since the contractor's warranties have already been a part of the conditions of contract.</p> <p>Further, all warranties under the Contract shall be subject to (a) limitation of liability (b) direct damages only, attributable to the contractor, not due to default of the Employer/ Force majeure event. Kindly confirm.</p>	Tender conditions remain unchanged
125	Section VII-1: Employer's Requirements– General; CI 1.2 Forest and Environmental Clearance; Page 5/517	<p>1.2 Forest and Environmental Clearance</p> <p>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.</p>	Kindly update the current status of the clearance of the Aravalli Range portion.	Tender conditions are self explanatory
126	Section VII-6: Employer's Requirements -Outline Construction Specifications (OCS) – Civil &BLT; CI 2.3.21 Land Requirement; Page 222/517	<p>2.3.21 LAND REQUIREMENT</p> <p>ii. Contractor shall submit his scheme of land utilization including muck disposal and subsequently construct the same after obtaining due approval of the Engineer.</p> <p>iii. Muck generated in the works may be used by contractor for constructing his facilities / filling works etc. free of cost. The royalty payment and/or any cess leviable by the statutory authority shall however be payable by the contractor by such usage.</p>	<p>It is requested to kindly include the identification as well as taking necessary clearances/permits for the scope of muck disposal in the scope of employer.</p> <p>Also, request to consider the royalty payment in the scope of employer & the contractor will be responsible for CESS.</p>	Tender conditions remain unchanged

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
127	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services / Clause 1.1.1 1) / Page no. 3	Design, Supply, Erection, Testing & Commissioning of (11/.433) kV Substation complete in all respect along with all protection system including 11kVA GIC HT Panel Board, (2x2000) kVA Dry Type Transformers(02 Nos transformer for each substation), 3 ways 11 kV Ring Main Unit (RMU) comprising of 2 Nos load break switch, Battery Charger, APFC Panel, LT Distribution Panel, other necessary switchgears, Complete Earthing system & all associated works as per specification. GIS panels shall be operated and monitored through SCADA. This includes construction of sub-stations building complete in all respect as per specification and drawing.	Please share the location of Substation SS-1 & SS-2 with Chainage. We request to provide the location of the HT DG Sets.	Refer Attachment 5 of Corrigendum No.2
128	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services / Clause 6.10 / Page no. 93-94	The EPC contractor has to take (3 Phase,11 kV) connection from Dakshin Haryana Bijli Vitran Nigam (DHBVN) at both side of tunnel. Total Sanctioned load/connected load of each substation will be decided by the EPC contractor after load calculation of each tunnel. This includes all HT/ LT work, metering arrangement, Cabling work, liaising work with state electricity authority and other related works to complete this work.	Contractor shall approach and liaise with DHBVN with the estimated power demand for 11kV supply service at the Project battery limit. However, we would like to clarify that related expenses / fees / charges for application, one time deposit etc... to be paid to the state electricity authority related to 11kV service connection shall be paid by the Customer. Bidder scope shall start from the Project 11kV switchgear. Kindly confirm. The bidder requests the engineer to elaborate on the types of loads to be provided with DG backup and UPS backup.	Refer Item No. 46 of Corrigendum No. 2
129	Section VII-9: Employers' Requirements -Appendices; Cl. 6.2. Environmental Legislation; Page 157/242	6.2.4. ... The indicative clearances/permission/permit are presented in Table below and Contractor is required to take any other clearance as required for its construction activities. i.Consent to Establish and Consent to Operate batching plants and casting yards ii.Authorization for generation, handling, storage, and transportation of hazardous waste iii.Permission for extraction of ground water iv.Pollution Under Control Certificate v.Construction and Demolition Waste Management Plan vi.Cutting of trees	It is requested to consider the required clearances/permission/permit in the scope of employer only.	Tender conditions remain unchanged
130	General	Project Co-ordinates	It is requested to provide co-ordinates for prominent locations of the project such as Tunnel Portals, Shafts, Bridges, etc.	Refer Item No. 18 of Corrigendum No. 1
131	Section VII-8: Tender Drawings and Documents	AutoCAD Drawings	It is requested to provide AutoCAD drawings of Project alignment (Plan & L-section) for appropriate interpretation & planning.	Tender drawings in pdf has been already provided in Section VII-8, Tender Drawing and Documents, Part 2 -Employer's Requirements.
132	Section VII 2: Employer's Requirements (ER) – Functional (Civil & BLT) Cl. 2.1.19	Land for Contractor's Facilities & Site Office	It is requested to provide drawing indicating the land for Contractor's Facilities such as batching plant, field quality control laboratory, site office and other activities	Refer SKetch in Attachment 5 of Corrigendum No. 2

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
133	General	Muck Disposal Area	It is requested to provide information regarding Muck Disposal areas near to the Project site.	Refer Sub-Clause 14.6.1 (k) of Section VII-6: Outline Construction Specifications (OCS) – Civil & BLT, Part 2 -Employer's Requirements of Tender Documents.
134	General	Details of Charted Utilities	It is requested to provide drawings of Charted Utilities along the project alignment.	Refer List of Charted Utilities in Section VII-8B: Tender Documents, Part 2-Employer's Requirements of Tender Documents
135	RFP Part 2 Section VII-8-Employers Requirement- Tender Drawings	Tunnel Drawings	It is requested to provide the geological layout plan and section along the tunnel alignment.	Refer Geotechnical Investigation Report and Geotechnical Interpretative Report of Section VII-8B: Tender Documents, Part 2-Employer's Requirements of Tender Documents
136	RFP Part 2 Section VII-8-Employers Requirement- Tender Drawings	Tunnel Drawings	It is requested to provide the support system details for the cross passages.	This is an EPC Tender. Tenderer to design the support system as per the requirements of Tender document.
137	RFP Part 2 Section VII-8B-Design Basis Report Cl. 13.6.4	Earthquake/Seismic Load	Project Site location is mentioned to be under Seismic Zone IV as well as Seismic Zone V. Kindly clarify.	Refer Item No 50 of Corrigendum No. 2
138	Section VII-Employer's Requirements, Section VII-6: Outline Construction Specifications (OCS)-Civil & BLT. RFP Part 2 Section VII-8B-Design Basis Report Cl. 8.6.3	Grade of Shotcrete	It is requested to kindly clarify the minimum grade of Shotcrete.	Refer Sub-Clause 11.7 of Section VII-6: Outline Construction Specifications (Civil & BLT), Part 2-Employer's requirements of Tender document
139	RFP Part 2 Section VII-8A Tender Drawings & Documents	Support Class Drawings	The support system provided for each class of rock mass is the minimum to be provided or there can be changes to it by means of optimization based upon ground conditions and geological & geotechnical data. Kindly confirm.	Tender conditions are self explanatory
140	Section VII-9: Employer's Requirements-Appendices / Clause 5.11.6 /Page no.25		We understand that no power or feeder requirement for the fire pumps (by other contractor) to be considered part of this tender. Kindly confirm. If it has to be considered, request to mention the number of feeders and its ratings and power requirement to be considered for the same.	Tender conditions are self explanatory
141	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services /Clause Chapter 6 – Technical Specification / Page no. 32-97	Technical Specification	Please provide Specification of Lightning Protection.	Refer Item No. 48 of Corrigendum No. 2
142	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services / General	-	Please provide the list of makes for Equipment	Refer Notes given at the end of Sub-Clause 1.1.1, Section VII-7, Employer's Requirements, Particular Specification (PS) -General Electrical Services, Part 2-Employer's Requirements of Tender Documents

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
143	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services / Clause 2.2.2 c) / Page no.10	c) Design life 30 years	We understand that design life of 30 years is for the overall Electrical system design. However, Individual equipment shall have different design life and shall require regular maintenance to attain the said design life. Kindly confirm.	Tenderer's understanding is correct
144	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services / Clause 5.5.2 Contract Spares / Page no. 30	The Contractor shall supply quantity of spare parts with minimum quantity as given below in Table. The price of below quantity of spare should be quoted in the item provided in Sub - Cost Center E2 –Inventory/spares items. The evaluation of the tender shall be done considering this price of spares. Upon approval of the Engineer the procurement of spares should be done by contractor.....	It is requested to elaborate the 15% spare units in HT and LT switchgears whether the feeders shall be provided as part of assembled panels or loose switchgear units to be provided.	Tender conditions remain unchanged
145	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services / Clause 6.1.1.14.5 MV Metering / Page no. 46	1.MV Metering shall be carried out by a factory assembled type tested cubicle. 2.The metering cubicle shall withstand internal arc. Connection with adjacent cells will be direct through bus bar but MV cables shall be possible. 3.VT's and CTs to comply with type DIN 42600 standards, IS-2705, IS-16227 and the following configuration shall be available: a) 2 VT's phase-phase, b) 2 VT's phase-earth, c) 3 VT's phase-earth 2 or 3 CT's.	It is requested to provide the CT and VT requirement along with the metering and protection requirement.	Tender conditions are self explanatory.
146	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services/ Clause 6.2.1 & 6.2.3 / Page no. 53-54	1.Three core 11 kV grade, 90°C rating heavy duty power cable with stranded compacted circular copper conductor with non-metallic semi-conducting screening, shielded with extruded semiconducting compound, cross linked polyethylene insulated, shielded with extruded semiconducting compound and copper tape, shielded cores laid up with fillers, inner sheath of extruded PVC, Galvanized steel wire/strips Armored and FRLS-H PVC ST-2 overall sheath 2.Technical Datasheet for HT cable.	As per clause 6.2.1 FRLSH PVC Sheathing is mentioned, whereas, In clause 6.2.3 FRLSZH is mentioned. Kindly confirm which one to be considered. The datasheet and the specification provided does not match.	Refer Item No. 41 of Corrigendum No. 2
147	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services / Clause 6.2.4 /Page no. 55-56	Technical Specification (LT CABLE)	We understand that LV Cables for life safety circuits only shall be fire survival. Other cables shall be FRLSZH. Kindly confirm. The datasheet and the specification provided does not match.	Refer Item No. 42 of Corrigendum No. 2
148	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services / Clause 6.2.5 / Page no. 57	1.The control & instrumentation cables shall be multicore, colour coded, annealed stranded high conductivity copper, single conductor, insulated with PVC insulation, PVC sheathed, conforming to IS 1554 (Part I & II) / IS 7098 Part 1, relevant IEC. The outer sheath is of specially formulated PVC compound which will give the following properties: - Oxygen - Index Min. 29, Smoke density - Min. 40% light transmittance, Acid gas - Max. 20% by weight, Flame propagation - Shall meet IEC 60332-1, IEEE 383. 2.Cables for use in the tunnel shall be low-smoke, non-halogenated type and FRLS type. The cable flame temperature shall conform to category B 750 ± 40 °C for 3 has stipulated in BS 6387:1994	Kindly confirm the cable to be used for control cables, fire survival cables of category 750 deg C for 3 hours or FRLS PVC or FRLSZH cables. The datasheet and the specification provided do not match.	Refer Item No. 43 of Corrigendum No. 2

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
149	Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services / Clause 6.4.7 / Page no. 70	Tunnel lighting shall be controlled from the control units at SCADA control room.	We understand that SCADA control of lighting system is limited to switching ON and OFF and not illumination level control.	Tenderer's understanding is correct
150	RFP PART2 SECTIONVII (1 TO 7)/ PART 2 – Employer's Requirements	General	We noticed that no requirements of firefighting system is provided in the employer requirements. Hence, we understand that it is not part of this package and will be covered as separate package. Please confirm our understanding.	Tenderer's understanding is correct
151	Section VII-9: Employer's Requirements-Appendices, Appendix-5 Interface, Coordination and Cooperation with Other Parties, 5.11.6 Interface Table between C-4 and Firefighting system, Page No. 25	C-4 Contractor shall complete the tunnel and hand over the site to Firefighting system contractor for Firefighting works	We understand that there is a separate Fire Fighting System contractor and not part of the HORC C-4 Tender Scope of Works Please confirm our understanding.	Tenderer's understanding is correct
152	Section VII-8: Tender Drawings and Documents, Part-A: Tender Drawings, Drawing Number: GC-HRIDC-C4-DRW-TTL-CLT-01002_A0, Conceptual Drawing for Single Track Tunnel Cross Section, Page No. 12 of 59	1M diameter Jet Fans are proposed on either side of the Tunnel Inner Lining as per the drawing reference	It is requested to provide the below information to arrive at the Jet Fans requirement in the Tunnel 1.Heat generated by the locomotive (Freight & Passenger) units in Normal operating conditions 2.Fire Heat Release Rate from the locomotive to be considered for the Tunnel Ventilation System Design as per NFPA-502	Refer Notes X of revised Tender Drawing enclosed with Attachment 5 of Corrigendum No. 2
153	Section VII-8: Tender Drawings and Documents, Part-A: Tender Drawings, Drawing Number: GC-HRIDC-C4-DRW-TTL-CLT-01002_A0, Conceptual Drawing for Single Track Tunnel Cross Section, Page No. 12 of 59	1M diameter Jet Fans are proposed on either side of the Tunnel Inner Lining as per the drawing reference	We understand that Longitudinal Tunnel Ventilation (Jet Fans) System in conjunction with the Permanent Ventilation Shafts is the Tunnel Ventilation System proposed. Please confirm our understanding.	Refer Notes of revised Tender Drawings enclosed with Attachment 5 of Corrigendum No. 2
154	Section VII-5: Employer's Requirements -Outline Design Specifications (ODS) – Civil and BLT, Clause 7.4.6, Cross Passages, Page No. 109 of 517	-	It is requested to confirm the Ventilation requirement for the Cross Passages and also mention the Pressurization (Pa) to be maintained in the Cross Passages.	Ventilation requirement is not under the Scope of Package C-4. Tender conditions are self explanatory.
155	RFP PART2 SECTIONVII (1 TO 7)/ Section VII 2: Employer's Requirements (ER) – Functional (Civil & BLT) Cl.no. 2.1.1 (g)	Cl.no. 2.1.1 (g) Design and construction of drainage system for catering to storm water entering the tunnel from open cutting at approach of Portal P-2 and outfall arrangements near Portal P-1.	We understand that storm water entering the tunnel from open cutting at approach of Portal P-2 will travel along the tunnel towards to Portal-1 with tunnel gradient without any collection sumps in between.	Tender conditions are self explanatory

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
156	RFP PART2 SECTIONVII (1 TO 7)/ PART 2 – Employer’s Requirements	General	<p>We noticed that requirements of Plumbing (water supply & sewage) system are not provided in the employer requirements.</p> <p>Hence, we understand that it is not part of this package and will be covered as separate package.</p> <p>Please confirm our understanding.</p>	Tenderer's understanding is correct
157	FINANCIALPART, Appendix A to financial part, Clause 1.2-(i), Page no. 136	<p>(i)The following percentages shall govern the price adjustment of the Contract Price for Various General Electrical Services works:</p> <p>(i)For Electrical works, & Inventory /Spare Item: General Electrical Services Works except commissioning for the Division (E1 – E1.1, E1.2, & E1.3): Labour (PLB) 20% PVC Insulated Cable (PIC)--- NIL All other commodities (POTH) 80 % Total 100.00%</p>	<p>Price adjustment for PVC insulated cable is mentioned as NIL. Request to consider PVC insulated cables also as All other commodities (POTH).</p> <p>Also, we request to increase price adjustment for Labour (PLB) as 40%.</p>	Tender conditions remain unchanged
158	Section VII-7: Employer’s Requirements -Particular Specifications (PS)- General Electrical Services / Clause 1.1.1 1) / Page no. 3 & Section VII-8: Tender Drawings and Documents, Part-A: Tender Drawings, Drawing Number: GC-HRIDC-C4-DRW-TTL-ELE-001_A0 & GC-HRIDC-C4-DRW-TTL-ELE-002_A0 / Page 56,57	Design, Supply, Erection, Testing & Commissioning of (11/.433) kV Substation complete in all respect along with all protection system including 11kVA GIC HT Panel Board, (2x2000) kVA Dry Type Transformers (02 Nos transformer for each substation), 3 ways 11 kV Ring Main Unit (RMU) comprising of 2 Nos load break switch, Battery Charger, APFC Panel, LT Distribution Panel, other necessary switchgears, Complete Earthing system & all associated works as per specification. GIS panels shall be operated and monitored through SCADA. This includes construction of sub-stations building complete in all respect as per specification and drawing.	Transformers capacity mentioned in Scope is 2000 kVA whereas in Drawings, it is mentioned as 500kVA & 250kVA. Please confirm since the transformer’s size will have impact on size of the substation.	Refer Attachment 5 of Corrigendum No. 2
159	Section VII-8: Tender Drawings and Documents, Part-A: Tender Drawings, Drawing Number: GC-HRIDC-C4-DRW-TTL-CLT-01001_A0, CONCEPTUAL DRAWING FOR SINGLE TRACK TUNNEL CROSS SECTION (ROCK)	1M diameter Jet Fans are proposed on either side of the Tunnel Inner Lining as per the drawing reference.	<p>The scope of Jet fans not mentioned in Scope of Work as per Section VII-7: Employer’s Requirements -Particular Specifications (PS)- General Electrical Services / Clause 1.1.1) / Page no. 3 to 8. Also, technical specification for jet fans are not available in the tender documents.</p> <p>We understand that jet fans are not in the scope of this contract. Please clarify on the same.</p>	Tenderer's understanding is correct.
160	3.4.2 (a)/ Sec-IV / Page 60	Each Member Requirement: Must have the experience of executing at least one “similar work” of value INR 3690 million (USD 44.78 million) or more involving minimum 1.5 km of equivalent length of NATM tunnel that has been successfully or substantially completed since 1st April 2015 till 28 days prior to deadline of Tender submission	Request this Each Member requirement be modified to 10% of Contract Value. Similar Criteria has been permitted by RVNL, Ircon, NFR, Other Regional Railways. To Extent Metro Railways Permit this Criteria to be met by Either of the JV Member.	Refer Item No. 11 & 12 of Corrigendum No. 1

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
161		**“Similar work” shall be that work which involves execution of transportation tunnel or underground stations or both for Railway/Metro rail/RRTS by New Austrian Tunnelling Method (NATM).	Under Similar Works Permit Tunnels executed under Hydro & Irrigation sectors as well. Same have been permitted by RVNL, Ircon & Other Clients.	Refer Item No. 11 of Corrigendum No. 1
162			Also seek confirmation, if the asked for Length and Value of works can be considered form an Ongoing Work.	Refer Item No. 11 & 12 of Corrigendum No. 1
163		<p>3. Qualification Criteria If the Tenderer fails to comply with any item of Qualification Criteria given below, the Tenderer shall be disqualified.</p> <p>3.4.2 (a) Specific Construction & Contract Management Experience Participation, as a Prime contractor, Joint venture⁴ member or Management Contractor⁵ or Sub-Contractor⁶ in at least (i) one “similar work”[*] of value of INR 7380 million (USD 89.56 million) or more involving minimum 3.0 km of equivalent length⁷ of NATM tunnel OR (ii) two “similar works”[*] each of value of INR 4920 million (USD 59.71 million) or more and each work involving minimum 2.0 km of equivalent length⁷ of NATM tunnel. OR (iii) three “similar works”[*] each of value of INR 3690 million (USD 44.78 million) or more and each work involving minimum 1.5 km of equivalent length⁷ of NATM tunnel. The Contracts mentioned in (i) or (ii) or (iii) above must have been successfully completed or substantially completed⁸ since 1st April 2015 till 28 days prior to deadline of Tender submission and that are similar to the proposed works. **“Similar work” shall be that work which involves execution of transportation tunnel or underground stations or both for Railway/Metro rail/RRTS by New Austrian Tunneling Method (NATM).</p>	<p>3. Qualification Criteria If the Tenderer fails to comply with any item of Qualification Criteria given below, the Tenderer shall be disqualified.</p> <p>3.4.2 (a) Specific Construction & Contract Management Experience Participation, as a Prime contractor, Joint venture⁴ member or Management Contractor⁵ or Sub-Contractor⁶ in at least (i) one “similar work”[*] of value of INR 7380 million (USD 89.56 million) or more involving minimum 3.0 km of equivalent length⁷ of NATM tunnel or by any other tunnelling method OR (ii) two “similar works”[*] each of value of INR 4920 million (USD 59.71 million) or more and each work involving minimum 2.0 km of equivalent length⁷ of NATM tunnel or by any other tunnelling method. OR (iii) three “similar works”[*] each of value of INR 3690 million (USD 44.78 million) or more and each work involving minimum 1.5 km of equivalent length⁷ of NATM tunnel or by any other tunnelling method.</p> <p>The Contracts mentioned in (i) or (ii) or (iii) above must have been successfully completed or substantially completed or ongoing work since 1st April 2015 till 28 days prior to deadline of Tender submission and that are similar to the proposed works.</p>	Refer Item No. 11 & 12 of Corrigendum No. 1
164		<p>Joint Venture/Consortium(existing or intended) All Members combined – must meet requirement Each Member :- Must have the experience of executing at least one “similar work” of value INR 3690 million (USD 44.78 million) or more involving minimum 1.5 km of equivalent length⁷ of NATM tunnel that has been successfully or substantially completed since 1st April 2015 till 28 days prior to deadline of Tender submission.</p>	<p>Joint Venture/Consortium(existing or intended) All Members combined – must meet requirement Each Member : Must have the experience of executing at least one “similar work” of value INR 3690 million (USD 44.78 million) or more involving minimum 1.5 km of equivalent length⁷ of NATM tunnel or by any other tunnelling method that has been successfully or substantially completed or ongoing work since 1st April 2015 till 28 days prior to deadline of Tender submission</p>	Refer Item No. 11 & 12 of Corrigendum No. 1

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
165		Lead Member :- Must have the experience of executing at least one "similar work" of value INR 3690 million (USD 44.78 million) or more involving minimum 1.5 km of equivalent length7 of NATM tunnel that has been successfully or substantially completed since 1st April 2015 till 28 days prior to deadline of Tender submission.	Lead Member :- Must have the experience of executing at least one "similar work" of value INR 3690 million (USD 44.78 million) or more involving minimum 1.5 km of equivalent length7 of NATM tunnel or by any other tunnelling method that has been successfully or substantially completed or ongoing work since 1st April 2015 till 28 days prior to deadline of Tender submission	Refer Item No. 11 & 12 of Corrigendum No. 1
166		Note: 7. For calculation of equivalent length of NATM tunnel: a) construction of 1 No. of Underground Railway station /Metro railway station /RRTS station by NATM shall be considered equivalent to construction of 1 km of tunnel by NATM. b) Length of escape tunnel and cross passages between two tunnels or between main tunnel & escape tunnel shall not be considered for calculating equivalent length of tunnel. c) Experience certificate of "Drill & Blast tunnelling" not involving NATM shall not be considered	For calculation of equivalent length of NATM tunnel or by any Other Tunnelling method: a) construction of 1 No. of Underground Railway station /Metro railway station /RRTS station/ water transmission tunnel or irrigation tunnel by NATM or by any Other Tunnelling method shall be considered equivalent to construction of 1 km of tunnel. b) Length of escape tunnel and cross passages between two tunnels or between main tunnel & escape tunnel shall not be considered for calculating equivalent length of tunnel. c) Experience certificate of "Drill & Blast tunnelling" involving NATM or by any Other Tunnelling method shall be considered.	Refer Item No. 12 of Corrigendum No. 1
167		*"Similar work" shall be that work which involves execution of transportation tunnel or underground stations or both for Railway/Metro rail/RRTS by New Austrian Tunneling Method (NATM).	*"Similar work" shall be that work which involves execution of transportation tunnel or underground stations or both for Railway/Metro rail/RRTS/ Highways by New Austrian Tunneling Method (NATM).	Refer Item No. 11 of Corrigendum No. 1
168	Vol 1, 3.4.2 (a) Page: 60 to 62	Specific Construction & Contract Management Experience: Participation, as a Prime contractor, Joint venture member or Management Contractor or Sub-Contractor in at least (i) one "similar work" of value of INR 7380 million (USD 89.56 million) or more involving minimum 3.0 km of equivalent length of NATM tunnel. OR (ii) two "similar works" each of value of INR 4920 million (USD 59.71 million) or more and each work involving minimum 2.0 km of equivalent length of NATM tunnel. OR (iii) three "similar works" each of value of INR 3690 million (USD 44.78 million) or more and each work involving minimum 1.5 km of equivalent length of NATM tunnel.	We request you to modify the said clause as- Participation, as a Prime contractor, Joint venture member or Management Contractor or Sub-Contractor in at least (i) one "similar work" of value of INR 7380 million (USD 89.56 million) or more involving minimum 3.0 km of equivalent length of NATM / TBM tunnel, out of which 30% length of 3.0 km should be from NATM tunnel. OR (ii) two "similar works" each of value of INR 4920 million (USD 59.71 million) or more and each work involving minimum 2.0 km of equivalent length of NATM / TBM tunnel, out of which 20% length of 2.0 km should be from NATM tunnel. OR (iii) three "similar works" each of value of INR 3690 million (USD 44.78 million) or more and each work involving minimum 1.5 km of equivalent length of NATM / TBM tunnel, out of which 15% length of 1.5 km should be from NATM tunnel. OR Participation, as a Prime contractor, Joint venture member or Management Contractor or Sub-Contractor in at least (i) one "similar work" of value of INR 7380 million (USD 89.56 million) or more involving minimum 3.0 km of equivalent length of NATM / TBM tunnel OR (ii) two "similar works" each of value of INR 4920 million (USD 59.71 million) or more and each work involving minimum 2.0 km of equivalent length of NATM / TBM tunnel. OR	Refer Item No. 11 & 12 of Corrigendum No. 1

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
			<p>OR</p> <p>(iii) three "similar works" each of value of INR 3690 million (USD 44.78 million) or more and each work involving minimum 1.5 km of equivalent length of NATM / TBM tunnel</p> <p>AND</p> <p>The bidder / each member in case of JV should have experience of NATM tunnel of cumulative length not less than 1km from one or more contracts.</p> <p>OR</p> <p>We request you to modify the said clause as- Participation, as a Prime contractor, Joint venture member or Management Contractor or Sub-Contractor in at least (i) one "similar work" of value of INR 7380 million (USD 89.56 million) or more involving minimum 3.0 km of equivalent length of NATM / TBM tunnel</p>	
169	PCC, Part A, Page- 11	Limit of Retention Money (as a percentage of Accepted Contract Amount less Provisional Sum)-5%	We request you to reduce the amount of retention money to the tune of 2% of contract value and release cash retention by providing the upfront BG of equal amount at the time of execution in a trenches of 10 Crs,	Tender conditions remain unchanged
170	Part 2, Employer's Requirements, Sec-VII-2-Functional (Civil & BLT) Cl: 2 Scope of works, Pg-2 Financial Part: Cl: 5.4 Stages of Payment i.e. Milestones of Cost Centre 'CE'- Earthwork and Blanketing Table: Item of work No: CE.1.13, Pg-152	Earthwork in formation from Ch. 29580 to 29680 Milestone: On completion of earthwork in cutting including turfing and drainage arrangement complete in all respect. – 4.9%	The earthwork in formation from Ch 29.580 to 29.680 is not provided scope of works. The Price schedule A defines a payment on completion for earthwork formation. We understand from the pre-bid meeting that the earth work in formation between Ch 29.580 to Ch 29.680(100m) is within the scope of works. Please Confirm	Refer Sub-Clause 2.1.4 (a) of Section VII-2: Functional (Civil & BLT), Part 2- Employer's Requirements and CE.1..13 of Sub_Clause 5.4 of Appendix B to Financial Part: Price Schedules, Section IV: Tender Forms, Tender Forms, Part 1 - Tendering procedures
171	Financial Part Cl: 5.5 Stages of Payment i.e. Milestones of Cost Centre 'CB'- for Bridges, Pg-156-159	Payment for Construction of abutment A-2 of viaduct near Portal P-1.	The payment of Abutment A2 is not Covered in Schedule A. We presume that the payment of Abutment A2 will be paid under the items of Schedule B and Schedule C. Please confirm.	Refer Sub-Clause 2.1.1 (h) of Section VII-2: Functional (Civil & BLT), Part 2- Employer's Requirements of Tender document and Sub-Clause 1.7 and 3.10 of Appendix B to Financial Part-Price Schedules. Section IV, Tender Forms, Part 1 - Tendering procedures
172	Financial Part: Cl:5.6 Stages of Payment i.e. Milestones of Cost Centre 'CTU'- Tunnel & Shafts Table: Item of work No: CTU.1.1, Pg-160	Completion of excavation for construction of permanent ventilation shafts and Construction cum utility shaft Item of work no: CTU 1.1.1, CTU 1.1.2, CTU 1.1.3, CTU 1.1.4, & CTU 1.1.5 Weightage provided for all items of work : 0.8%	The construction of shafts in soil is challenging task and tedious unlike construction in rock. The depths of Permanent Ventilation Shafts are varying depending upon the Ground Levels and the formation Levels. The size and shape of Ventilation shafts and Utility shaft are different. The equal weightage for payment is provided in the payment schedule for all the shafts. We request to review and revise the payment weightage depending upon Size, Shape, the efforts to be made for execution and progress required for completion of the construction of the shafts.	Tender conditions remain unchanged
173	General	ROW	Please provide the details of the ROW acquired by the Department along the alignment.	Refer revised Alignment Plan & L-Section drawings of Section VII-8, Tender drawings and documents of Part 2-Employer's Requirements

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
174	General	Topography	We request you to please provide the details of the Topography and the drawing along the alignment.	Available site data with the Employer are given in Section VII-8: Tender Drawings and documents. Also, Refer Sub-Clause 10.2 of Appendix 10, Section VII-9: Appendices, Part 2-Employer's Requirements of Tender Documents.
175	Part 2 / Section VII-3: Employer's Requirements– Design (Civil & BLT) / 13 Detail Design Consultant (DDC) for Ballastless Track (BLT) System / Pg no. 13	<p>13.1 Upon award of the Contract, the Contractor shall engage Detail Design Consultant for design of BLT. The Contractor shall submit details of DDC proposed to be engaged for Design of Ballastless track system for the approval of the Engineer. DDC shall be engaged within twelve months of the Commencement Date.</p> <p>13.2 DDC shall have the experience of design of BLT of at least 10 Km length having satisfactory working performance under mixed traffic conditions with at least 22 tonne axle load and at an operational speed of at least 130 kmph for at least 5 years since the date of its operation as on date of opening of the Tender.</p>	As per our understanding, in case post award of the Contract, if sub-contractor appointed by Main Contractor for BLT system work has a similar experience of Design and Construction of BLT system as per tender requirements then Contractor need not to engage separate Detail Design Consultant (DDC) for Design of Ballastless track system. Kindly clarify and confirm.	Tenderer's understanding is correct
176	<p>Part 2 / Section VII-7: Employer's Requirements -Particular Specifications (PS)- General Electrical Services / Pg no. 3-8</p> <p>Part 2 / Section VII-9: Employer's Requirements-Appendices / APPENDIX – 5 / Pg no. 12-13</p>	<p>General Electrical Services 3 SCOPE OF WORK</p> <p>Sr. 8./ E-1 Design, Supply, Installation, Testing & Commissioning of OHE and General Electrical services in connection with laying of New BG Double Railway line of HORC Project from Km -2.14 to Km 125.98 (excluding Tunnel portion i.e from Km 24.856 to km 29.680) and its connectivities to IR/DFC networks from Prithla to New Prithla, New Patli to Patli, New Patli to Sultanpur, Badsa to Sultanpur and Mandothi to Asaudha including modifications in Sultanpur and Asaudha station yards.</p>	<p>We refer to :</p> <p>i.scope of work stipulated under Part 2 / Section VII-7: Employer's Requirements,</p> <p>ii.GES scope elaborated in the prebid meeting held on 25/11/2022,</p> <p>iii.Part 2 / Section VII-9: Employer's Requirements-Appendices / APPENDIX – 5</p> <p>Bidder understands that General Electrical Services (GES) covered in the scope of C4 package does not include Design , supply and installation of Overhead Catenary system (OHE) from Km 24.856 to km 29.680.</p> <p>Kindly clarify our understanding and confirm.</p>	Tenderer's understanding is correct
177	Part 3 / Section X – Contract Forms / GCC Sub-Clause 2.1 /Sr. no. 18 / Pg no. 09	<p>Time for access to the Site :</p> <p>90% length of the Tunnel portion and the length of the formation shall be handed over to the Contractor within 7 days after the Commencement Date.</p> <p>The balance length shall be handed over within 90 days after the commencement Date.</p>	Request authority to provide details of Chainage wise ROW available for entire C4 Package stretch. Kindly clarify.	Refer Item No. 49 & 60 of Corrigendum No. 2
178	Part 2 / Section VII 2: Employer's Requirements (ER) – Functional (Civil & BLT) / Pg no. 12	In annexure -F-3 (Section VII 2) – **Fabrication and Erection of composite Steel Girder is not in the scope of work.	Kindly clarify whether loading details of substructure will be provided by employer. Kindly clarify and confirm.	Refer Chapter 13: Outline Design Specifications -: Bridges of Section VII-5 Outline Design Specifications(ODS)- Civil & BLT, Part 2, Employer's requirements of Tender Documents
179	Part-2 , Section VII-1-General/ Clause No. 12 (b)/ Page No. 22	The Contractor shall carry out all further site investigations (such as detailed utility identification, detailed geo technical investigation) necessary for the design of the Permanent Works.	(1) Please confirm whether detailed Ground Topo Survey (W.r.t Mean sea level datum) for entire project is in the scope of contractor or HRIDC will provide the detailed Topo data to contractor.	Tender conditions are self explanatory. Also, Refer Sub-Clause 10.21 of Appendix 10, Section VII-9: Appendices, Part 2-Employer's Requirements.

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
180	Part-2 , Section VII-2-Functional/ Clause No. 2.1.6/ Page No. 4	The Contractor shall design and construct minor bridges (RUBs and waterway bridges) as per list given in Annexure-F-1.	Please confirm, whether HRIDC/HORC has taken approval from concerned ROAD authority regarding Span Configuration proposed for RUBs as provided in tender documents .	Refer Sub-Clause 2.1 of Section Section VII-5: Outline Design Specifications (ODS) – Civil & BLT, Part 2-Employer's requirements.
181	Part-2 , Section VII-2-Functional/ Clause No. 2.1.12/ Page No. 4	Construction of diversion roads and their maintenance based on MORTH specifications including widening, to ensure smooth flow of traffic as per the Traffic Control and Management Plan approved by the Engineer.	Please confirm the length of Permanent diversion roads.please also confirm whether these diversion roads are of Cement concrete type or Bituminous road type.Please provide Plan and profile drawings of approach roads.	Refer Sub-Clause 7.2 of Section I-ITT, Part 1 Tendering Procedures of Tender Documents
182	Part-2 , Section VII-2-Functional/ Clause No. 2.1.9/ Page No. 4	Design and construction of precast RCC retaining wall near the toe of embankment wherever ROW is inadequate. Approximate locations of retaining wall is shown in Annexure- F-4.	Please provide ROW data & Proposed Alignment drawings in Auto CAD.	Tender drawings in pdf are already provided in Section VII-8, Tender Drawing and Documents, Part 2 -Employer's Requirements. Refer Alignment Plan & L-Section drawings.
183	Part-2 , Section VII-2-Functional/ Clause No. 2.7.1/ Page No. 7	The alignment shall be as shown in the Tender drawings. The alignment has been developed by the Employer to meet operational and technical criteria	(1) Please provide Soft copies of Alignment Drawings i.e Alignment Design software files,DTM files,Alignment layout drawings in Auto CAD (2)Please provide Detailed Ground Topo survey /DTM file	(1) Tender drawings in pdf are already provided in Section VII-8, Tender Drawing and Documents.. (2) Available site data with the Employer are provided in Section VII-8: Tender drawings and documents, Part 2-Employer's requirements. Also,refer Sub-Clause 10.21 of Appendix 10, Section VII-9: Appendices, Part 2-Employer's Requirements of Tender Documents
184	Part-2 , Section VII-2-Functional/ Clause No. 2.10.1/ Page No. 8	The Permanent Works shall be designed to permit the railway to operate satisfactorily at a maximum design speed of 160 kmph where applicable	Please confirm ,whether any permanent speed restriction at certain curve locations of main line alignment as the radius proposed at certain curves is not fit for 160kmph. (Say Radius of Curve No-12=705m mentioned in VII-8 curve details of tunnel portion)	Refer Item No. 51 of Corrigendum No. 2. Radius of curve No. 12 is 1920m and is fit for 160kmph speed.
185	Part-2 , Section VII-5-ODS/ Clause No. 13.1/ Page No. 13	Minimum Centre to Centre distance between two tracks has been kept as 5.3m according to IR-SOD(BG).	Whether extra clearance due to curves in track alignment has been accounted for main lines track spacing as mentioned i.e 5.3m.Please confirm.	Refer Sub-Clause 2.8 of Section VII-2: Functional (Civil & BLT), Part 2- Employer's Requirements of Tender Documents.
186	Part-2 , Section VII-8/ Clause No. 2/ Curve Details	Curve Details of Tunnel portion alignment has been provided	(1) Please Provide Curve Details of main line alignment from Ch.12+000 to Ch.18+000 . (2) Curve details (Radius, TP1 TP2 chainages,etc) provided in VII-8 curve details of tunnel portion are not matching with curve details shown in Plan and Profile drawings.Please confirm which details are final.	Refer Item No. 51 of Corrigendum No. 2
187	Part-2 , Section VII-8/ Clause No. 3/ (list of Control points)	Control point coordinates are provided.	Please provide center line coordinates main line project alignment	Refer Item No. 18 of Corrigendum No. 1
188	General		Please confirm whether Sohana B Class station is under the scope of this contract-C4. Please provide station yard layout plan.	Sohana B Class station is not under the scope of Package C-4.

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
189	Part-2 , General, Section VII-5/ Clause No. 2.5/ Page no. 8	Rock and Soil Parameters	The variation due to Geological risks may please be elaborated as a % of the total project cost. Kindly provide the risk allocation/risk sharing of employer and contractor.	Tender conditions remain unchanged.
190	Part-2, Section VII-2/ Clause No. 3.5.1/ Page no. 13	Permanent and Construction cum utility shaft	Can the 2 (2+2 as per tender) ventilation shafts be combined at each location and a single shaft(1+1) for both the tunnels be provided at the 2 locations.	Refer Sub-Clause 3.5 of Section VII-5: ODS (Civil & BLT), Part 2-Employer's Requirements of Tender Documents which is self explanatory.
191	Section VII-7, Clause No. 1.1.1/Pg 3	ITEMS OF WORK, Sr.No. 1	As per our understanding, the scope of work includes one outdoor substation at north portal and one inside tunnel. However, the incoming power supply is not in the scope of this tender. Kindly confirm. Further, if the North portal substaion is outdoor, kindly confirm the requirement of dry type transformers.	Refer Attachment 5 in Corrigendum No. 2.
192	Section VII-7, Clause No. 1.1.1/Pg 6	ITEMS OF WORK, Sr. No. 10	Extension/Augmentation of Electrical Power Supply (3 phase, 11 kV) for both sub-stations of tunnel is in Contractor's Scope. Kindly confirm if this includes the incoming power supply to tunnel portals also.	Tenderer's understanding is correct
193	Section VII-7, Clause No. 1.1.1		Kindly confirm the requiremenmt of Fire Fighting and Suppression System	Fire Fighting and Suppression System is not under scope of Package C-4.
194	Section VII-6, Clasue No. 2.3.13.i/ Pg 38	VENTILATION OF UNDERGROUND WORKS	Since the length of tunnel is more than 2 kms, booster ventilation fans are required as per tender documents during execution of Contract only. Permanent Ventilation system including jet/axial fans and associated items are not in the scope of this tender. Kindly confirm.	Permanent ventilation system is not under the scope of C-4 Package C-4.
195	Section VII-8A		Kindly provide the power supply diagram for the tunnel	Refer Attachment 5 of Corrigendum No. 2.
196			As per Site Visit the tunnne; alignment is passing parallel to the DFFCC corridor. We request you to kindly provide us the Centre-to- Centre (C/C) Distance of HORC Tunnel from DFCC Tunnel already constructed	Refer Sub-Clause 7.2 of Section I-ITT, Part 1- Tendering Procedures of Tender Documents
197			We request you to kindly provide CAD format of Drawings including Tunnel Section of Entire Chainage.	Tender drawings in pdf has been already provided in Section VII-8, Tender Drawing and Documents, Part 2-Employer's Requirements of Tender Documents.
198			We requets you to kindly provide us the detailed GIR of the Area.	GIR of C-4 package is already provided in Section VII-8B: Tender Documents in Part 2 -Employer's Requirements of Tender Documents. Also, Refer Sub-Clause 7.2, Section I-ITT, Part 1 -Tendering Procedures and Sub-Clause 4.10 of Part B-Specific Provisions, Section IX, PCC of Tender Documents .

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
199			We request you to kindly provide Geotechnical L-Section of DFCC Tunnel	Refer Sub-Clause 7.2, Section I-ITT, Part 1 - Tendering Procedures and Sub-Clause 4.10 of Part B-Specific Provisions, Section IX, PCC of Tender Documents .
200	RFP Part 2 Section VII to 07, Clause No. 14 (14.1) Page No. 56 (14)	Clause 14. Detailed Design Consultanr (DDC) for Tunnel by NATM. DDC must have experience of design of minimum 2.0 km length of Tunnel by NATM in a single contract during the 7 years.	We request you to give relaxation in DDC experience. Kindly modify the design length of minimum 1.0 Km of Tunnel. We also request you to consider Tunnel by TBM/NATM in last seven years. We also request you to allow the Joint Venture for Detailed Design Consultant.	Tender conditions remain unchanged
201	3.4.2.(a) Specific Construction & Contract Management Experience	<p>Participation, as a Prime contractor, Joint venture⁴ member or Management Contractor⁵ or Sub-Contractor⁶ in at least</p> <p>(i) one “similar work”^{**} of value of INR 7380 million (USD 89.56 million) or more involving minimum 3.0 km of equivalent length⁷ of NATM tunnel</p> <p>OR</p> <p>(ii) two “similar works”^{**} each of value of INR 4920 million (USD 59.71 million) or more and each work involving minimum 2.0 km of equivalent length⁷ of NATM tunnel.</p> <p>OR</p> <p>(iii) three “similar works”^{**} each of value of INR 3690 million (USD 44.78 million) or more and each work involving minimum 1.5 km of equivalent length⁷ of NATM tunnel.</p> <p>The Contracts mentioned in (i) or (ii) or (iii) above must have been successfully completed or substantially completed⁸ since 1st April 2015 till 28 days prior to deadline of Tender submission and that are similar to the proposed works.</p> <p>**“Similar work” shall be that work which involves execution of transportation tunnel or underground stations or both for Railway/Metro rail/RRTS by New Austrian Tunneling Method (NATM).</p>	Any Member of Joint Venture can meet the criteria	Refer Item No. 11 & 12 of Corrigendum No. 1
202	General- Plan and Profile /GAD Structures		Authority is requested to kindly provide drawings and GAD for structures in Auto CAD format for a better understanding of the project and scope	Tender drawings in pdf has been already provided in Section VII-8, Tender Drawing and Documents, Part 2 -Employer's Requirements.
203	General- The Status of the Land Acquisition		<p>The status of the land acquisition may please be provided as under:</p> <p>a. Total Land required in hectares/sqm/km for the project?</p> <p>b. Total land already acquired?</p> <p>c. Total land to be acquired?</p> <p>d. Total Agricultural/private/Govt./Forest land to be acquired?</p> <p>e. Also please provide a detailed schedule for handing over of land to the contractor</p>	Refer Sketch enclosed with Attachment No. 5 of Corrigendum No. 2 and Item No. 60 of Corrigendum No. 2.

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply
204	General- Environment Clearance		It is understood that 'Environmental Clearance' for the project has already been obtained. Please confirm. Also, information regarding pending issues/ court cases if any with regard to the clearances for the project may please be provided.	Refer Sub-Clause 1.2 of Section VII-1: General, Part 2-Employer's Requirements of Tender Documents Nil at present
205	General- Tree Cutting		In case any trees are falling within the project's alignment/Row it may please be clarified the status of permission for cutting/felling of trees.	Refer Sub-Clause 10.14 of Appendix 10, Section VII-9:Appendices, Part 2-Employer's Requirements of Tender Documents
206	General-Encroachment Details		Kindly provide the details of encroachments along the project alignment within the Right of Way (ROW), existing if any.	The reference mentioned in the query does not exist in the Tender Document. Hence, no reply can be given.
207	General-Pending Litigations		Details of litigations may please be provided as these could delay the execution of the proiect.	Nil at present
208	General- Hydrology Report		Kindly provide the Hydrology Report for the project.	The information available with the Employer has been provided in Section VII-8: Tender Drawings and Documents, Part 2-Employer's Requirements of Tender documents.
209	General- Utility Shifting/Relocation Plan		Kindly provide us with the details ol Utility Shifting	Refer Sub-Clause 10.45 of Appendix 10, Section VII-9:Appendices, Part 2-Employer's Requirements of Tender documents
210	Section VII-9: Employer's Requirements-Appendices, 11.3. Plan Implementation and Verification; Page 95	d) Internal Quality Audit (IQA): The contractor shall conduct an internal audit of the quality of the project by the quality team of their HQ every month and shall submit the report to the Engineer.	General practice followed is - Internal auditing by QA Manager / Internal Auditor based at the project site on quarterly basis and, - Internal audit by HQ team is mandate half yearly as per ISO 9001:2015 requirements. It is requested to follow above mentioned audit implementation.	Tender conditions remain unchanged
211	Part 3- Conditions of Contract Forms; Section VIII- GCC; Page: 79; CI 14.9 Release of Retention Money + Part 3-Particular Conditions of Contract; Section IX- PCC; Part B-Specific Provisions; Page: 54; CI 14.9 Release of Retention Money	Unless otherwise stated in the Contract, when the Taking-Over Certificate has been issued for the Works and the first half of the Retention Money has been certified for payment by the Engineer, the Contractor shall be entitled to substitute a guarantee, in the form annexed to the Particular Conditions of Contract or in another form approved by the Employer for the second half of the Retention Money.	It is requested to let the cash retention substitutable by Advance BG i.e. every cash retention from the bill to be replaced by Bank Guarantee from first bill only. Kindly accept.	Tenderer conditions remain unchanged

S. No.	Reference to Tender Document (Clause/ Para No. & Page No.)	Brief Description of Caluse /Para No.	Query Raised	Reply																
212	General – Prebid Meeting – Session 4	<p>The steps in submission of the FINANICIAL PART, ... STEP 5: Prepare zip file of PDF file (File 1) & MS-Excel file (File 2) and STEP 6: Upload the ZIP file on e-procurement portal in Financial Part envelope</p> <p>Financial Part Contd. Step 1: Download the PDF File of Financial Part Step 2: Fill up the required information, sign all the pages and prepare PDF file for uploading (File 1) Step 3: Download MS-EXCEL file Step 4: Quote (%) rates against each Schedule in the downloaded MS-Excel File (File 2) Step 5 : Prepare zip file of PDF file (File 1) & MS-Excel file (File 2) Step 6 : Upload the ZIP file on e-procurement portal in Financial Part envelope</p>	<p>Kindly note that the e-procurement site allows submission of only two files BOQ.xls & FINANCIAL PART.pdf in Finance Cover Type, there is no a Hence we understand the separately we have to up Kindly confirm.</p> <table border="1" data-bbox="1754 380 2190 716"> <thead> <tr> <th colspan="4">Covers Information, No. Of Covers - 2</th> </tr> <tr> <th>Cover No</th> <th>Cover Type</th> <th>Description</th> <th>Document Type</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Fee/PreQual/Technical</td> <td>RFP Part 1 RFP Part2 Section VII-1to 7 RFP Part 2 Section VII-8A Tender Drawings RFP Part 2 Section VII-8B tender documents RFP Part 2 Section VII-9 Appendices</td> <td>.pdf</td> </tr> <tr> <td>2</td> <td>Finance</td> <td>BOQ FINANCIAL PART</td> <td>.xls .pdf</td> </tr> </tbody> </table>	Covers Information, No. Of Covers - 2				Cover No	Cover Type	Description	Document Type	1	Fee/PreQual/Technical	RFP Part 1 RFP Part2 Section VII-1to 7 RFP Part 2 Section VII-8A Tender Drawings RFP Part 2 Section VII-8B tender documents RFP Part 2 Section VII-9 Appendices	.pdf	2	Finance	BOQ FINANCIAL PART	.xls .pdf	<p>Tenderer understanding is correct. Refer Para B of revised Checklist -CL, attached as Attachment 2 of Corrigendum No. 1</p>
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213	General – Prebid Meeting – Session 4	<p>In slide of the “Submission of Tender” ... 2nd Point – Part 1, Part 2 and Part 3 of the Tender document issued by the employer not required to be uploaded.</p> <p>Submission of Tender</p> <ul style="list-style-type: none"> ❖ The Technical Part & Financial Part to be submitted simultaneously as per the Checklist, CL ❖ Part 1, Part 2 and Part 3 of the Tender document issued by the Employer not required to be uploaded. ❖ The master copy of Tender Document published on e-Procurement portal available with HRIDC shall be final and binding. 	<p>During prebid meeting, it is mentioned that Part 1, Part 2 and Part 3 of the Tender document issued by the employer not required to be uploaded but the e-procurement site requires respective submission & without submitting anything in this, we cannot proceed further. Hence, we understand we have to submit any dummy pdf file for the sake of submission in corresponding segments. Kindly confirm</p> <table border="1" data-bbox="1576 999 2071 1146"> <thead> <tr> <th colspan="4">Covers Information, No. Of Covers - 2</th> </tr> <tr> <th>Cover No</th> <th>Cover Type</th> <th>Description</th> <th>Document Type</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Fee/PreQual/Technical</td> <td>RFP Part 1 RFP Part2 Section VII-1to 7 RFP Part 2 Section VII-8A Tender Drawings RFP Part 2 Section VII-8B tender documents RFP Part 2 Section VII-9 Appendices</td> <td>.pdf</td> </tr> <tr> <td>2</td> <td>Finance</td> <td>BOQ FINANCIAL PART</td> <td>.xls .pdf</td> </tr> </tbody> </table>	Covers Information, No. Of Covers - 2				Cover No	Cover Type	Description	Document Type	1	Fee/PreQual/Technical	RFP Part 1 RFP Part2 Section VII-1to 7 RFP Part 2 Section VII-8A Tender Drawings RFP Part 2 Section VII-8B tender documents RFP Part 2 Section VII-9 Appendices	.pdf	2	Finance	BOQ FINANCIAL PART	.xls .pdf	<p>Tender conditions are self explanatory.</p>
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214	PART 2 – EMPLOYERS’ REQUIREMENTS, Section VII-4: Employer’s Requirements – Construction (Civil & BLT), ATTACHMENT - C-1; ATTACHMENT C-2 & ATTACHMENT C-3; Page 15-20	<p>“SIGNATURE OF AUTHORIZED SIGNATORY OF CONTRACTOR”</p>	<p>We understand that these attachments are to be submitted after the award of works by the successful bidder i.e. by the contractor and not be submitted in the bidding stage. Kindly confirm.</p>	<p>Refer Item No. 31, 32, 33 of Corrigendum No. 2</p>																

Note; Pre-Tender Queries received after due date have not been replied.