

Pre-Bid Reply

Queries / Request for Additional Information: RFP for "Construction of New Two-Lane Bridge with its approaches from Km 0+000 to Km 4+385 across River Brahmaputra on NH-17 at Jogighopa in the State of Assam on EPC mode.

Sl. No.	Reference	Section Cl. No./ Sub-Clause	Page No.	Title	Existing	Queries/Remarks by Bidders	Reply
1	General				DPR & Geotechnical investigation Report Drawing	Request you to kindly provide DPR & Geotechnical Investigation Report Request you to kindly provide Autocad/ Kmz file .	DPR uploaded in Portal. Bidder to take a note that these drawings are indicative and information purpose only. Nothing contained in the Feasibility
2	Draft Contract Agreement ,	Clause 19.2	Pg. 28		The Authority shall make an interest-bearing advance payment (the "Advance Payment") @ "Bank Rate + 3%",	We understand that the Bank Rate referred herein is the Bank Rate declared by RBI on its website. Kindly confirm	As per RFP
3	Drawing No-NHIDCL/JOGIGHOPA / VIADUCT/06/RO				The Reinforcement Bars shall be of Thermo Mechanically Treated/ Corrosion Resistant steel (TMT / CRS) (Grade Designation FE-500D). Conforming to IS:1786 standards.	We understand that note given in drawing is general & all the reinforcement steel will be TMT. No requirement of Corrosion Resistant. Steel. Please confirm.	As per RFP
4	Drawing No-NHIDCL/JOGIGHOPA / Extradose Bridge/05 / R0 -Note no 5				Permanent steel liner in Pile up to MSL shall be provided	Please confirm that permanent liner is not mandatory & the provision will be as per design requirement.	As per design standard
5	Drawing No-NHIDCL/JOGIGHOPA / Extradose Bridge/05 / R0 -Note no 15				All Exposed concrete surface of the Bridge will be painted, as per specification with approved protective paint, comprising of interpenetrating epoxy phenolic polymeric coating system.	We understand that no painting required for Bridge , Kindly confirm	As per codal provision
6	Drawing No-NHIDCL/JOGIGHOPA / Extradose Bridge/05 / R0 -Note no 19				River Training work will be provided on U/S and D/S side of the Bridge to protect the River Bank.	Kindly confirm River Training work requirement.	Protection work as per RFP but guide Bund is not in bidder scope.
7	Schedule B	Schedule B, SN. 12	Pg. 26		Both banks of river shall be protected by Guide bund / protection work along the abutment as per codal and /or design requirement and specification.	We understand that River banks protection work is not in the bidder's scope. Please confirm.	Protection work as per RFP but Guide Bund is not in bidder scope.
8	Schedule H, A2 New Major Bridge- Foundations					Request you to kindly consider Payment clause as follows, as per earlier tender of Brahmaputra Bridge at Majuli-Jorhat , Assam.	As Per RFP
					(i) Foundation: Cost of each Major Bridge shall be determined on pro-rata basis with respect to the total linear length (m) of the Major Bridge. Payment against foundation shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of foundation of the major Bridge.	Payment against foundation shall be made on pro-rata basis on completion of every 10% linear length of the aggregate length of all foundations for the main bridge in case of Well foundation or completion of minimum 2 (two) foundation upto pile cap in case of pile foundation.	As Per RFP
					Substructures: - Payment against substructure shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of sub- structure of major bridge.	Sub Structure including pylons: Payment against sub – structure shall be made on pro-rata basis on completion of aggregate linear length greater or equal to minimum scope of two sub – structures (pylon etc).	As Per RFP
					Super-structure: - Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structure including bearings of at least one span in all respects as specified. In case of structures where pre-cast girders have been proposed by the Contractor, 50% of the stage payment shall be due and payable on casting of girders for each span and balance 50% of the stage payment shall be made on completion of stage specified as above.	Unit cost of super structure works will be based on total linear length of the bridge (as determined during the technical stage) subject to minimum one span length and weightage for each work / element shall be as follows:- (a) Segment casting – 40% on pro – rata basis. (b) Segment Erection – 45 % on pro – rata basis. (e) Other Internal / External Cable Stressing i/c bearings etc – 15 % on pro – rata basis	As Per RFP
9	General				Bid Submission Date	Request you to kindly extend the bid submission due date at least for 03 weeks after receiving from Prebid clarifications.	Please refer to Corrigendum - III
ELIGIBILITY CUM PREQUALIFICATION POINTS							

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10		SECTION-2 OF RFP INSTRUCTIONS TO BIDDERS CLAUSE - 2.1.15			The bidder including individual or any of its JV member or its related parties, who are either having 2 (two) on-going EPC Project(s) in NHIDCL or on-going Project(s) worth of ₹ 500 Crore (Awarded Cost) or more in NHIDCL, as on date of financial bid opening, shall not be eligible to bid for this Project.	<p>Kindly appreciate that various bidders like Gammon being in the similar sector and having vast expertise executing the projects of similar nature have more than two projects with Authorities and have bagged the projects in past on their technical know how.</p> <p>The yard stick measuring Bidders capabilities in execution should not be restricted by imposing the limit of participation having already bagged two contract is not feasible since most of the reputed bidders have secured more than two projects with NHIDCL. This will not only restrict the participation from such bidders but also Authority will not get fair competitive offers</p> <p>In any case apart from technical prequalification criteria's, the financial qualification criteria requirement coupled with financial securities & contractual performance guarantee will ensure any bidder's capabilities to timely execute projects of such magnitude in line with project requirements</p> <p>with reference to above, we request you to kindly delete this clause.</p>	As per RFP
TECHNO-COMMERCIAL POINTS							
11	Tender Document RFP	NIB, SECTION-7 DATA SHEET Cl. 5.1 (a) and BOQ Excel sheet		Bid price in figure and total amount in figure & word Excluding GST to be entered by the Bidder	1) Estimated Project Cost (Excl. GST)- Rs. 504.26 Crs 2) In BOQ -Bid price in figure , Total amount in figure & total amount in word Excluding GST to be entered by the Bidder.	We understand that bidder's Quoted offer is Excluding Goods & Service Tax (GST). GST Will be paid separately by Department as applicable at the time of payment. Please confirm the same.	Yes, GST will be paid separately.
12	Tender document			Secured Advance:	Secured Advance: Not mentioned	We request the department to provide 90% of cost of materials brought at site as secured advance to ease the cash flow.	As per RFP
13	General			Protective coating to Reinforcement Steel:		Is it required any Protective coating to Reinforcement Steel?	As per IRC Codal Provision
14	General			Protective coating to the concrete surface		Request you to let us know whether protective coating to concrete surface required?	As per IRC Codal Provision
15	RFP document	Technical Schedules		Schedules (A, B, C...etc)		Technical Schedules are missing in DCA. Kindly provide the schedules.	Refer RFP
16	Design	General		Congestion factor		Please clarify whether congestion factor is to be adopted.	Latest IRC codal provisions prior to 28 days of Bid submission shall be followed.
17	Drawings	General		Type of superstructure		Bidder understand that shape of box girder and dimensions shown in Tender drawings are only indicative & type of superstructure & dimensions can be altered / Change based on the design requirement as an EPC contract. Please confirm.	Being a EPC contract, EPC contractor can change it as per design requirement based on the IRC codal provision. The type of superstructure shall be of extra dosed type.
18	Drawings	General		Type of substructure		Bidder understand that type of substructure can be altered / Change based on the design requirement as an EPC contract. Please confirm.	Reply same as above
19	Drawings	General		Type of Foundation		Bidder understand that type of foundations can be altered / Change based on the design requirement as an EPC contract. Please confirm.	As per RFP

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Sl. No.	Reference	Section Cl. No./ Sub-Clause	Page No.	Title	Existing	Queries/Remarks by Bidders	Reply
20	Drawings	General		Span arrangement of viaduct		Bidder understand that Span arrangement of viaduct can be alter by keeping overall length same. Span 25.0m specify in drawing is not mandatory and bidder can adopt larger span also. Please confirm.	Yes, can be altered as per design requirement based on the IRC codal provision keeping the linear length same.
21	Drawings	General		Type of structure		Bidder understand that type of superstructure shown in the GAD (Extradosed cable stay) is not mandatory. Bidder can propose any other type of Super Structure also like balaince prestressed cantilever, Steel Structure.....etc. Please confirm.	As per RFP (The extra dosed super structute is mandatory)
22		General		Foundation		Bidder understand that foundation shall be design based on the site condition and detailed geotechnical investigation report. Please confirm.	As per RFP
23	Drawings	Drawings		Tender Drawings		Dimensions of the structures given in Tender drawings are for reference only & not mandatory. Please confirm.	As per RFP
24		General		Design & Drawing Approvals		Bidder understand that apart from Proof consultant, approval from IIT not mandatory. Please confirm.	As per RFP
25		General		Bearing		As this is an EPC Contract, contractor is free to use any bearings as per the manual & Design Requirement. Please confirm. Intergral system of STU are also allowed. Please confirm.	As per RFP
26		General		Execution of foundations		Execution of foundations shall be as per guidelines of IRC:78. Please confirm.	Relevant IRC code for the different type of foundation shall be refered
27		Drawings		Hydraulic Data/Report		Kindly provide Hydraulic Report for Major bridges.	The details uploaded along with DPR
28		General		Wearing coat		Bidder can adopt any type of wearing coat as per MORTH. Please confirm.	As per codal provision
29	Design	General		Barge loading		Kindly provide barge impact load to be considered for navigational span.	As per codal provision
30		General		Navigational span		Kindly mention navigational span and Type of barge loading to be considered in design.	For the navigation span, Restriction of minimum span of 125 metre is applicable -.refer the gazette notification notified for waterways by IWA. As per codal provision and
31		General		Detailed Project Report (DPR)		Kindly provide Detail Project Report (DPR) of the project.	Please see the uploaded DPR documents
32	Design	General		Geotechnical Report		Please provide Geotechnical Investigation Report of the project.	Please see the uploaded DPR documents
33	Design	General		Special Vehicular loading		Kindly confirm Special Vehicular loading need to be adopted in design	As per MoRTH Cir and codal provision
34	Design	General		MSA for pavement design		Kindly provide the MSA for pavement design. Bidder understand that flexible pavement shall be adopted for highway portion. Please confirm.	Please see the uploaded DPR documents
35	Drawings/Design	General		Protection work & Guide bund		Please confirm the stetches and type of of protection work if any. Is any Guide bund in bidder scope? Kindly provide schedule H?	Protection work as per RFP but Guide Bund is not in bidder scope.
36	Design	General		Exposure Condition		Please confirm the exposure condition.	As per codal provision
37	Tender Document			Type of Foundation		The pile foundation shown in tender drawing is mandatory or other type of founation like well can be proposed. please clarify	As per RFP
38	Tender Document			Pier Protection / Fendering system		Is it required any pier Protection? If Yes, Please confirm type of pier protection and their location (i.e.Pier no.).	Barge impact is to be considered for the design of sub-structure and foundation.
39	General			Hydraulic Data		Kindly provide the Hydraulic parameters such as LWL, Discharge, velocity, scour depth.....etc.	As per RFP

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Sl. No.	Reference	Section Cl. No./ Sub-Clause	Page No.	Title	Existing	Queries/Remarks by Bidders	Reply
40	General			Alignment plan in Google Earth		Please provide alignment plan in Google Earth format or Provide the Google Earth co-ordinates of the entire alignment	Refer the DPR
41	Tender Document			Decorative lighting for the bridge elements including the stay Cables		Whether any Decorative lighting for the bridge elements including the stay Cables is require for this project? If yes, Please provide the detailed specification and items require for the same.	Refer RFP
42	Tender RFP Document			Bridge Health Monitoring System (BHMS)		Whether Bridge/ Structural Health Monitoring System (BHMS) is required for this project? If yes, Please provide the detailed specification and BOQ items require for the same.	Refer RFP
43	Drawings			Typical cross sections		Please provide chainages for TCS type 1 & type 2 in embankment portion	Please see the uploaded DPR documents (As per Schedule B)
44	General			Obtaining permits, approvals, etc. from various Government bodies		We request the Employer to arrange all the necessary permits, licenses, clearances, & approvals as required from the various Government bodies prior to award of work.	As per RFP
45	General			Dumping Ground for Debris / Muck		Kindly indicate the location, lead for Dumping ground required for disposal of debris / foundation Muck.	Contractor's responsibilities
46	General			Land for Site Establishment / Casting Yard/ Labour hutment / Batching Plant ...etc		We request Department to provide us land nearby to site for site establishment, Installation of Batching plant, Casting yard, labour camp (approx. 15.0 acres) etc. free of cost on each side of proposed Main Bridge.	As per RFP
47	General			Tender Submission date	Current Bid submission date 11.03.2021 upto 15:00 hrs	Since the tender is based on "Design & Construction EPC Contract" and the tender estimate is to be based on pre-tender design, we request you to extend the tender submission date by 06 weeks from the current date.	Please refer the Corrigendum III
48	Volume-I, Main report	Fig. 3	10	Fig. 3		Bridge is proposed with footpath, is there any possibility that these footpaths will be dismantled in future to create traffic lane. Kindly inform if increased traffic lanes are to be considered.	Shall be considered as per IRC Codal Provision
49	Volume-I, Main report	12.6	18	Bearing		As per IRC:-114, elastomeric bearing are preffered in high seismic area, however the tender document mentions POT-PTFEbearing, Can contractor use elastomeric bearings.	Shall be considered as per IRC Codal Provision
50	Volume-I, Main report	clause 8.1	13	Span arrangement of new bridge		Kindly inform if contractor can use increase span ensuring piers in line with existing bridge piers.	Contractor can do but if any financial implication due to this change shall be borne by the EPC Contractor.
51	Volume-I, Main report, Chapter 6	6.4.6	5	Bridge Geometry		It is written that "Each segment will consist of two parts, central spine beam and cantilever deck supported by wing/rib", please specify, as spine and wing type superstructure is not proposed here.	Please refer the RFP documents.
52	Volume-I, Main report, Chapter 6	6.5.1.2	7	SIDL		In SIDL, it is proposed to consider weight of water supply pipe of 600mm dia, kindly share the proposed location of this pipe and supporting arrangement required to be considered by contractor.	EPC Contractor need to decide the best possible location of pipe line duly approved from authority engineer.

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Sl. No.	Reference	Section Cl. No./ Sub-Clause	Page No.	Title	Existing	Queries/Remarks by Bidders	Reply
53	Volume-I, Main report, Chapter 6	6.5.4	10	Live load		Kindly specify if congestion factor (as per table 7 of IRC:06) needs to be consider.	Yes, the congestion factor and SV load shall be considered in the design as per IRC codal provision & MoRTH Cir.
54	Volume-I, Main report, Chapter 6	6.9.3	18	Temperature gradient		The wearing coat thickness proposed is 65mm, however the temperature gradient specified is for 50mm wearing coat thickness, kindly specify temperature gradient for proposed thickness of wearing coat.	In IRC:6-2017, the thermal gradient is for concrete deck with about 50mm wearing surface. There is no separate interpretation or separate literature specified for wearing coat more than 50mm hence same thermal gradient as mentioned for 50mm shall be use for 65mm thick wearing coat.
55	Volume-I, Main report, Chapter 6	6.9.3	19	Differential settlement		Please inform, if $E_c/2$ can be used for differential settlement loads considering long term effect	As per IRC codal provision
56	Volume-I, Main report, Chapter 6	6.13	19	Accidental loads		Seismic loads are considered under accidental load, kindly inform that the same can be combined under accidental loading combinations of IRC:06	As per IRC codal provision
57	Volume-I, Main report, Chapter 6	6.13	19	Accidental loads		AS per IRC:06, for cable supported structures, site specify seismic studies needs to conducted. It is requested to provide site specific response spectra so that all the bidders are on same page. If site specific spectra is not available, kindly allow bids as per IRC spectra, and specify that variation as per site specific spectra shall be paid extra in post tender stage.	Being an EPC contract, EPC contractor is responsible to perform seismic analysis of the structure as per the IRC codal provision.
58	Volume-I, Main report, Chapter 6	6.13.4	21	Piers protection for barge impact by floating berges.		Please specify the pier locations which needs to be considered barge impact and that the piers in approach viaduct need not be designed for any barge impact.	all piers for bridge need to be considered for barge impact except viaduct piers
59	Volume-I, Main report, Chapter 6	6.26.3	33	Stability of well foundation		It is mentioned that well stability to be checked as per IRC:06 ULS factor along with FOS as per IRC:78. Well design is generally done as per factors given in IRC:45. Please confirm. Further, in case loads are applied ULS factors, there is no need to use factor of safety. Please confirm.	Being an EPC contract, the contractor is responsible to perform design of well foundation as per the IRC codal provision.
52	Schedule-B	Annex-I		Depth of superstructure		Schedule B mentions depth of superstructure as 3.5m, please inform if contractor can use different depth considering the clearance requirements.	Being an EPC contract, the contractor is responsible to perform design of superstructure as per the IRC codal provision.
60	Schedule-B	Annex-I	14	Width of superstructure		The width of superstructure considers 2x1.0m for pylon, however in the drawings pylon size is considered as 1.1m. Please inform that the sizes mentioned here are indicative, pylon size shall be as per the design.	Being an EPC contract, the contractor is responsible to perform design of pylon as per the IRC codal provision.
61	Schedule-D		45	Strand dia		Strand dia mentioned as 15.2, however 15.7mm dia strands are normal practice now a days, please confirm that the dia mentioned here is tentative and contractor can use different strand dia as per the availability in the market.	Being an EPC contract, the contractor is responsible to select the dia of strand as per the IRC codal provision.
62	Schedule-E	Annex-II	112	Dehumidification device		Schedule E mentions dehumidification devices, however schedule B do not mentions the same. Please inform if these provisions are mandatory.	As per Schedule E

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63		General		Bid submission date		Request to extend the bid submission date at least 4 weeks after replying to prebid queries..	Refer the Corrigendum -III
64		General				Plan and Profile drawings are not provided. GAD of Bridge is provided in pdf format. Please provide the PPD/GAD and detail topographic survey data along with benchmark details in soft Cad format.	DPR Drawings are uploaded in Portal. Bidder to take a note that these drawings are indicative and information purpose only. Nothing contained in the Feasibility Report/Detailed Project Report shall be binding on the Authority nor confer any right on the Bidders, and the Authority shall have no liability whatsoever in relation to or arising out of any or all contents of the Feasibility Report/Detailed Project Report
65	Schedule B, Annex-I	Notes	26	Both banks of river shall be protected by protection work along the abutment as per codal and /or design requirement, specification utilizing existing embankment.		Both abutments are beyond service road. And it is presumed tha the scour will not take place at abutment locations. Hence it is presumed that both the abutments need not be designed for any scour condition also not require any protection. Please confirm	Abutment beyond guide bund shall also be designed for scour condition.
66				TCS for Extradose portion and Viaduct portion.		It is presumed that the figures shown are indicative only and the shape of structure type of foundations are not compulsory. We assume that the bidder is free to decide the type of foundation and shape, size of structures.	As per RFP
67		General				Please confirm whether precast PSC I girder can be provided in approach viaduct for speedy construction	As per RFP
68	Retention Money	Draft Contract Agreement/ 7.5, Pg. 38/133			From every payment for Works due to the Contractor in accordance with the provisions of Clause 19.5, the Authority shall deduct 6% (six per cent) thereof as guarantee money for performance of the obligations of the Contractor during the Construction Period (the "Retention Money") subject to the condition that the maximum amount of Retention Money shall not exceed 5% (five per cent) of the Contract Price. The deducted retention money may be replaced by Bank Guarantee (BG) after 50% of retention money has been deducted from the bills, and subsequently when 100% retention money has been deducted.	We request you not to have cash retention and accept BG equivalent to 5% of contract value before the first RA bill itself in place of cash retension .	As per RFP

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69	Mobilisation Advance & Equipment advance	Draft Contract Agreement/ 19.2 (i), (ii) Pg. 85&86/133			<p>(i) The Authority shall make an interest-bearing advance payment (the "Advance Payment") @ Bank Rate + 3%, equal in amount to 10 (ten) percent of Contract Price.</p> <p>(ii) In addition to above, the Authority shall make an additional interest-bearing Advance Payment against newly purchased key Construction equipment required for the works as per agreed Construction programme and brought to the site, if so requested by the Contractor subject to the same terms and conditions specified for Advance Payment for mobilisation expenses in this Agreement.</p> <p>The maximum of such advance shall be 5% (five per cent) of the Contract Price against Bank Guarantee. This advance shall be further subject to the condition that:</p> <p>(a) such new equipment are considered by the Authority's Engineer to be necessary for the works and</p> <p>(b) these new equipment should be procured in the name of Contractor and is verified by Authority's Engineer to have been brought to site.</p>	<p>Bank Rate + 3% comes out to be approximate 11% which is on higher side. Hence we request Authority to provide interest free advance.</p> <p>We request you to include advance payment for old/ Second hand equipment as well at 80% depreciated value of the plant, equipment and machinery.</p>	As per RFP
70	Repayment of advance	Draft Contract Agreement/ 19.2 (vi) Pg. 86/133			<p>(a) deductions shall commence in the first stage payment statement.</p> <p>(b) deductions shall be made at the rate of 15% (fifteen percent) of each Stage Payment Statement until such time as the advance payment has been repaid; provided that the advance payment shall be completely repaid prior to the time when 80% (eighty percent) of the Schedule Construction Period is over;</p>	<p>We request you to modify the clause as per the following:</p> <p>(a) deductions shall commence in the next Stage Payment Statement following that in which the total of all certified stage payments (excluding the advance payment and deductions and repayments of retention) exceeds 20% (twenty percent) of the Contract Price;</p> <p>(b) Recovery of advances shall commence in RA bill in which total of all certified RA bills (in addition to the Advance) exceeds 20% of Contract Value and shall be recovered on pro-rata basis, until the total of the Advance is recovered before payment of 80% of project cost.</p>	As per RFP
71	Contract Duration and Milestones	Notice Inviting Bid & Technical Schedule Schedule - J, Pg. 140/159			<p>Construction period: 30 Months</p> <p>Milestones given are as follows:</p> <p>Project Milestone-I - date falling on the 320th day</p> <p>Stage Payment Statements for an amount not less than 10%</p> <p>Project Milestone-II - date falling on the 548th day</p> <p>Stage Payment Statements for an amount not less than 35%</p> <p>Project Milestone-III - date falling on the 776th day</p> <p>Stage Payment Statements for an amount not less than 70%</p> <p>Scheduled Completion Date - date falling on the 913th day</p>	<p>There is yearly flooding in the river and time available for contractor is only 6-7 months in a year. Hence request of revise the milestones is following:</p> <p>Construction period: 36 Months</p> <p>Milestones given are as follows:</p> <p>Project Milestone-I - date falling on the 365th day</p> <p>Stage Payment Statements for an amount not less than 10%</p> <p>Project Milestone-II - date falling on the 650th day</p> <p>Stage Payment Statements for an amount not less than 35%</p> <p>Project Milestone-III - date falling on the 910th day</p> <p>Stage Payment Statements for an amount not less than 70%</p> <p>Scheduled Completion Date - date falling on the 1095th day</p>	Please refer Corrigendum III

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72	Obligations prior to commencement of works	Draft Contract Agreement/ 10.1, Pg. 47/133			The Authority shall, appoint an engineer (the "Authority's Engineer") before the Appointed Date to discharge the functions and duties specified in this Agreement, and shall notify to the Contractor the name, address and the date of appointment of the Authority's Engineer forthwith.	Bidder understands that, Appointment of Authority's Engineer will be made before the Appointed Date and Contractor shall be entitled for additional time & cost for delay in Appointment of Authority's Engineer.	As per RFP
73	Article 1, Definitions and Interpretations	Draft Contract Agreement/ 1.2 (iii), Pg. 15/133			The rule of construction, if any, that a contract should be interpreted against the parties responsible for the drafting and preparation thereof, shall not apply.	It is requested to kindly delete such arbitrary provision as they are against the basic principles of Law governing the Contract.	As per RFP
74	Article 3, Obligations of the Authority	Draft Contract Agreement/ 3.1 (v), Pg. 21/133			Notwithstanding anything to the contrary contained in this Agreement, the Parties expressly agree that the aggregate Damages payable under Clauses 3.1 (iv), 8.3 and 9.5 shall not exceed 1% (one per cent) of the Contract Price. For the avoidance of doubt, the Damages payable by the Authority under the aforesaid Clauses shall not be additive if they arise concurrently from more than one cause but relate to the same part of the Project Highway.	It is requested to remove the capping of 1% of the Contract Price on the damages payable to the Contractor on account of delays by the Authority in providing access to and possession of Site. The inclusion of such arbitrary provision may lead to increase in Contract Price to the Authority.	As per RFP
75	Article 4, Obligations of the Contractor	Draft Contract Agreement/ 4.8, Pg. 27/133			Unforeseeable difficulties Except as otherwise stated in the Agreement: (a) the Contractor accepts complete responsibility for having foreseen all difficulties and costs of successfully completing the Works; (b) the Contract Price shall not be adjusted to take account of any unforeseen difficulties or costs; and (c) the Scheduled Completion Date shall not be adjusted to take account of any unforeseen difficulties or costs.	At the bidding stage, the bidder is not in a position to conduct its own investigation of site conditions, sub soil conditions/geotechnical investigations etc thereby making it very difficult for bidders to foresee all difficulties. Hence, in order to prevent speculative bidding and increase in Contract Price to the Authority, it is requested to modify the Contract provision for adjustment of Scheduled Completion Date and compensation of cost on this account.	As per RFP
76	Article 6, Disclaimer	Draft Contract Agreement/ 6.1 (i), Pg. 33/133			The Contractor acknowledges that prior to the execution of this Agreement, the Contractor has, after a complete and careful examination, made an independent evaluation of the Request for Proposal, Scope of the Project, Specifications and Standards of design, construction and maintenance, Site, local conditions, physical qualities of ground, subsoil and geology, traffic volumes, suitability and availability of access routes to the Site and all information provided by the Authority or obtained, procured or gathered otherwise, and has determined to its satisfaction the accuracy or otherwise thereof and the nature and extent of difficulties, risks and hazards as are likely to arise or may be faced by it in the course of performance of its obligations hereunder.	At the bidding stage, the bidder is not in a position to conduct its own investigation of site conditions, sub soil conditions/geotechnical investigations etc thereby making it very difficult for bidders to foresee all difficulties. Hence, in order to prevent speculative bidding and increase in Contract Price to the Authority, it is requested to modify the Contract provision for adjustment of Scheduled Completion Date and compensation of cost on this account.	As per RFP
77	Article 8, Right of Way	Draft Contract Agreement/ 8.8, Pg. 44/133			Geological and archaeological finds	The bidder understands that in case of geological or archaeological findings at Site affecting the construction activities, the selected bidder shall be entitled to Time Extension and also adjustment to the Contract Price at actuals. Please confirm.	As per RFP

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Sl. No.	Reference	Section Cl. No./ Sub-Clause	Page No.	Title	Existing	Queries/Remarks by Bidders	Reply
78	Article 9, Utilities and Trees	Draft Contract Agreement/ 9.4, Pg. 46/133			The Authority shall assist the Contractor in obtaining the Applicable Permits for felling of trees in non-forest area to be identified by the Authority for this purpose if, and only if, such trees cause a Material Adverse Effect on the construction or maintenance of the Project Highway.	The Authority being an government entity is in a better position to obtain applicable permits for felling of trees in both forest and non-forest area. Hence, it is requested that the obligation of obtaining permissions for felling of trees shall rest with the Authority and not the contractor.	AS per RFP
79	Shifting of obstructing utilities	Draft Contract Agreement/ 9.2, Pg. 45/133			The cost of such shifting, as per estimates prepared by the entity owning the utility and approved by the Authority, shall be reimbursed by the Authority to the Contractor. The scope of work of such shifting of Utilities shall be as indicated in Schedule-B-1. In the event of any delay of such shifting on the part of the contractor, no extension of time for completion of the project and no claims, in any manner, shall be admissible on this account against the Authority.	The cost of such shifting as per actual cost incurred by contractor shall be reimbursed by the Authority to the Contractor. The scope of work of such shifting of Utilities shall be as indicated in Schedule-B-1. In the event of any delay of such shifting on the part employer, the Contractor shall be entitled to Damages to a sum calculated on actual basis, and to Time Extension in accordance with Clause 10.5 for and in respect of the part(s) of the Works affected by such delay; provided that if the delays time overlaps, the overlaps shall not be additive.	AS per RFP
80	Article 13, Change of Scope	Draft Contract Agreement/ 13.4 (ii), Pg. 68/133			The total value of all Change of Scope Orders shall not exceed 10% (ten per cent) of the Contract Price.	For the Project involving Bridge Works of huge quantum, the scope of Works are bound to be varied on account of various reasons such as unforeseeable geological conditions/geological surprises, change in alignment etc. Hence, the capping of 10% of the Contract Price for issuance of variation orders shall be increased to atleast 40% of the Contract Price. Such increase in limit of variation order would be better from administrative point of view also.	AS per RFP
81	Schedule-B	Technical Schedule, Schedule-B, Sr. No.13 (i), Pg. 33/159			The length of Structures and bridges specified herein above shall be treated as an approximate assessment. The actual lengths as required on the basis of detailed investigations shall be determined by the Contractor in accordance with the Specifications and Standards. Any variations in the lengths specified in this Schedule-B shall not constitute a Change of Scope, save and except any variations in the length arising out of a Change of Scope expressly undertaken in accordance with the provisions of Article 13.	At the bidding stage, the bidder is not in a position to conduct detailed survey for verification of length of structures and bridges and hence has to rely upon the scope/data defined in Schedules of tender document. The Bidder understands that the scope defined in the schedules is accurate and forms the base for arriving at the bid price. The bidder may suffer losses on account of any variations in the length of structures/bridges. Hence, it is requested to kindly delete such arbitrary provision so that increase in Contract Price to the Authority can be avoided.	AS per RFP
82	Adjudication by Regulatory Authority, Tribunal or Commission	Draft Contract Agreement/ 26.4 (ii), Pg. 124/133			Entire Clause 26.4 Adjudication by Regulatory Authority, Tribunal or Commission	Kindly provide below mentioned details about the regulatory Authority, tribunal or commission by means of which Adjudication would be carried out: 1. Name and Address of the Regulatory Authority, Tribunal or Commission 2. Procedure/Rules to be followed for Adjudication proceedings 3. List of members forming such Regulatory Authority, Tribunal or Commission.	AS per RFP
83	Land for Casting Yard/ Labour Camp	-			Not provided as per tender	Request you to provide atleast 60,000sqm of land free of cost for Casting Yard/Labour Camp.	To be arrange by EPC Contractor.

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Sl. No.	Reference	Section Cl. No./ Sub-Clause	Page No.	Title	Existing	Queries/Remarks by Bidders	Reply
84	Price adjustment for the works	Draft Contract Agreement/ 19.10 (iv) (e), Pg. 92/133			Following percentages are given for the price adjustment of the contract price. For major Bridges and Structures, Labour : 15% Cement: 15% Steel: 20% Bitumen: NIL Fuel and Lubricants: 10% Other Materials: 25% Plant, Machinery and spares: 15% Total: 100%	Request you to change the components for major bridges and structures as follows: Labour : 25% Cement: 15% Steel: 20% Bitumen: NIL Fuel and Lubricants: 10% Other Materials: 25% Plant, Machinery and spares: 5% Total: 100%	As per RFP
85	Force Majeure	Draft Contract Agreement/ 21.6, Pg. 105/133			(i) Upon the occurrence of any Force Majeure after the Appointed Date, the costs incurred and attributable to such event and directly relating to this Agreement (the "Force Majeure costs") shall be allocated and paid as follows: (a) upon occurrence of a Non-Political Event, the Parties shall bear their respective Force Majeure costs and neither Party shall be required to pay to the other Party any costs thereof; (b) upon occurrence of an Indirect Political Event, all Force Majeure costs attributable to such Indirect Political Event, and not exceeding the Insurance Cover for such Indirect Political Event, shall be borne by the Contractor, and to the extent Force Majeure costs exceed such Insurance Cover, one half of such excess amount shall be reimbursed by the Authority to the Contractor for the Force Majeure events; and	Upon occurrence of a Non-Political Event such as act of God, epidemic, extremely adverse weather conditions, lightning, earthquake etc., and Indirect political event such as an act of war, invasion, armed conflict etc., will cause huge loss the contractor which are not recoverable. Hence, we request to make provision for the payment on occurrence of Non-political and Indirect political event.	As per RFP
86	Obligations of the contractor	Draft Contract Agreement/ 4.1 (ix), Pg. 24/133			The Contractor shall obtain and maintain a project related bank account operational at site where all transactions related to the payment of work will be done. The Contractor shall submit a monthly account statement and a detailed report on utilization of funds transferred to this project related bank account to Authority's Engineer. Notwithstanding anything contrary to this agreement, the authority, in the interest and to ensure timely completion of the work, reserves the right to audit such bank accounts to ensure that there is no diversion of funds from this project specific account to any other project being implemented by the Contractor.	This is against the contents and spirit of Contract administration. It will be impossible for Contractor to manage cash flow and perform, in case all Government departments confirm to similar stand. We request you to remove this clause, payment shall be credited to Contractor's corporate account.	As per RFP
87	Insurance against injury to persons and damage to third party property	Technical Schedule, Schedule-P, Sr. No. 3 (i), Pg. 155/159			The insurance cover shall be not less than: Rs. [*****]	Request you to provide the insurance cover to be considered.	AS per RFP

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Sl. No.	Reference	Section Cl. No./ Sub-Clause	Page No.	Title	Existing	Queries/Remarks by Bidders	Reply								
88	Guide bund	Technical Schedule, Schedule-B, Sr. No. 7 (iii).12, Pg. 26/159 Technical Schedule, Payment schedule- H, Major Bridge, A2, Pg. No. 130/159			Both banks of river shall be protected by Guide bund / protection work along the abutment as per codal and /or design requirement and specification. (7) Guide Bunds, River Training works etc. Percentage Weightage 0.000%	We understand that, guide bund and protection works are not in the scope of this contract, therefore there is no payment percentages mentioned in the paymen schedule. Please confirm.	Both banks of river shall be protected by Guide bund-out of scope. If any protection work is required along the abutments shall be protect as per codal and /or design requirement and specification.								
89	Ground levels	Volume-IX, Drawings, Drawing No - NHIDCL/JOGIGHOPA/EXTRADOSED BRIDGE/02/R0 & 03/R0			Ground level from P6 to P15	LWL is shown below ground/bed level from Pies P6 to P15 (extra-dosed portion) Request to check and confirm the Ground levels shown in the GAD.	The Lowest water level is shown constant through out the bridge length. Ground level shown in GAD shall be followed.								
90	General				Typical cross section of proposed bridge	Please confirm whether bidder is allowed to propose pile foundation in place of well foundation.	The existing bridge on upstream side of the proposed bridge is with well foundation. Hence, well foundation shall be most preferable.								
91	General				Typical cross section of proposed major bridge	Please confirm whether bidder is allowed to propose superstructure on Elastomeric bearings.	This shall be provided as per IRC Codal provison								
92	General	-			-	Please provide Monthwise Water Level data for last 10 Years	Being an EPC contract, the contractor is responsible to collect the water level data at the stage of detailed design.								
93	Utility services	Technical Schedule, Schedule-B, Sr. No. 7 (i).e, Pg. 24/159			<table><tr><th>Sl. No.</th><th>Bridge at Km</th><th>Utility service to be carried</th><th>Remarks</th></tr><tr><td>1</td><td>Km 0+050 to Km 02+395 of NH-17</td><td>Electric Cable, OFC Cable and Water supplie pipe line etc.</td><td>New 2-lane bridge (2345m)</td></tr></table> <p>Note: The provision of utility services specified in above table are minimum requirements, the Contractor must finalise the actual requirement of any particular utility service provision based on site conditions and in consultation with Authority Engineer.</p>	Sl. No.	Bridge at Km	Utility service to be carried	Remarks	1	Km 0+050 to Km 02+395 of NH-17	Electric Cable, OFC Cable and Water supplie pipe line etc.	New 2-lane bridge (2345m)	Kindly provide load per meter to be considered for utility services (such as water supply line, Electrical cable, OFC cables etc.) in structrural design of bridges.	Being an EPC contract, the contractor is responsible to take the exact load during detailed design.
Sl. No.	Bridge at Km	Utility service to be carried	Remarks												
1	Km 0+050 to Km 02+395 of NH-17	Electric Cable, OFC Cable and Water supplie pipe line etc.	New 2-lane bridge (2345m)												
94	Schedule B - Design	Technical Schedule, Schedule B - 7 (iii) b, Pg. 25/159, Addiotnal new bridges			-	Please confirm if congestion factor has to be considered for design of structure. Please confirm if special vehicle has to be considered for design of structure.	Yes, the congestion factor and SV load shall be considered in the design as per IRC codal provision & MoRTH Cir.								
95	Design of Structure, Bridges, Additional New Bridges	Technical Schedule, Schedule-B, Sr. No. 7 (iii).b, Note:4, Pg. 24/159			Note 4 The safe bearing capacity for well foundation found out at RL (-) 43.73 is 135t/sqm. This SBC shall be reduced by 1 t/sqm when the founding level is up and increase by 1 t/sqm when the founding level will be decrease from the RL (-43.73) m.	1. Is it net safe bearing capacity ? Please confirm. 2. Please let us know whether contractor can calculate the SBC based on his own geo-technical investigation. Please confirm. 3. Please let us know whether the reduction or increase in SBC limited to 1 t/sqm to be considered irrespective of difference in the the founding level from RL (-) 43.73? Please confirm.	1.it is the maximum allowable bearing capacity 2. As a EPC contract, contractor shall be repsonsible to conduct the geotechnical investigation and get the capacity but max. shall be 135t/sqm. 3. As per described in the note.								
96	Design of Structure, Bridges, Additional New Bridges	Technical Schedule, Schedule-B, Sr. No. 7 (iii).b, Note:4, Pg. 26/159			Note 11: For extradosed/cable supported bridge portion, minimum concrete grade for Pylon, substructure etc. will be M- 60.	Lower grade of concrete may please be allowed for sub-structure and pylon of extra-dosed bridge.	As per RFP								

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Sl. No.	Reference	Section Cl. No./ Sub-Clause	Page No.	Title	Existing	Queries/Remarks by Bidders	Reply
97	Due date of submission	NIT & Corrigendum-II			Date of release of NIT - 19.02.2021 Due date of submission is 18.03.2021 up to 15.00 hrs	Time available is very short for design & estimation of such an important bridge. Also on account of the ongoing amid Pandemic CORONA virus scenario across worldwide, offices are not working to full capacity. Same is the case with Design consultant, & other suppliers spread across the world. In view of above, we request you to extend the bid submission date at least by 1 month i.e. 19th April 2021	Please refer Corrigendum III
98	RFP	Section 2 Instruction to Bidders, Cl. 2.1.15	17	Eligible to bid for this Project	The bidder including individual or any of its JV member or its related parties, who are either having 2 (two) on-going EPC Project(s) in NHIDCL or on-going Project(s) worth of ₹ 500 Crore (Awarded Cost) or more in NHIDCL, as on date of financial bid opening, shall not be eligible to bid for this Project.	As the bidder have cabality to do Mega Projects and also have technical & financial capacity. Request you to kindly delete the clause for competitive bidding.	As per RFP
99	Schedules	Schedule H Table 1.3.3	134	New Major Bridges	FOUNDATION:- Cost of each Major Bridge shall be determined on pro-rata basis with respect to the total linear length (m) of the Major Bridge. Payment against foundation shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of foundation of the major Bridge.	Bidder requests the following change Pile Foundation: The payment for each pile foundation shall be on prorata basis based on per No. of Pile casting with respect to the total Nos. of Pile in the foundation as per the GFC Drawing as below: a) Pile Completion - 90 % b) On completion of pile foundation including pile cap -10 % Well Foundation: Completion of every 120m linear length of all well foundations of the major bridge.	Schedule H being reviewed and amendment if any shall be uploaded separately.
100	Schedules	Schedule H Table 1.3.3	134	New Major Bridges	SUB STRUCTURE:- Payment against substructure shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of sub-structure of major bridge.	Bidder requests to include the following in case of Sub Structure: Payment against sub- structure shall be made on pro rata basis on completion of a stage i.e. not less than 1 (one) number of substructure(s) of the scope of sub structure of major bridge as below: a) Pier/Lower Pylon: 80 % b) Pier Cap / Pier Table & Upper Pylon: 20 %	As stated above

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Sl. No.	Reference	Section Cl. No./ Sub-Clause	Page No.	Title	Existing	Queries/Remarks by Bidders	Reply
101	DCA	Article 7 Performance Security 7.1	37	Performance security	(B) The Performance Security shall be valid until 60 (sixty) days after the Defects Liability Period.	In lines with the circular issued on 3rd June, 2020 by MoRT&H bearing the subject – Atmanirbhar Bharat: Relief for Contractors/ Developers of Road Sector, we request to modify the clause as: The Authority shall release the Performance Security on pro-rata basis of the work already executed in accordance with the Contract specification. Accordingly the Performance Security during the maintenance period to be restricted only to the proportion of the value of works to be carried out during the maintenance period as given in Article 14.1 (d)	As per RFP
102	Schedules	Schedule-G, Annex-I S.No 10 Postal Clause	124-125	Performance Security	Any notice by way of request, demand or otherwise hereunder may be sent by post addressed to the Bank at its above referred branch, which shall be deemed to have been duly authorised to receive such notice and to effect payment thereof forthwith, and if sent by post it shall be deemed to have been given at the time when it ought to have been delivered in due course of post and in proving such notice, when given by post, it shall be sufficient to prove that the envelope containing the notice was posted and a certificate signed by an officer of the Authority that the envelope was so posted shall be conclusive.		May be deleted
103	Schedules	Schedule-G, Annex-II S.No 9 Postal Clause	127-128			None of the Banks are accepting to issue the Bank Guarantee with this clause. Hence, we request you to remove this clause.	May be deleted
104	Schedules	Schedule-G, Annex-I		Performance Security		-	As per RFP
105	Schedules	Schedule-G, Annex-II	-	Gurantee for Advance Payment-		Bidder requests to add the following at the end of the Bank Guarantee. This is asked by all the Banks. Notwithstanding anything to the contrary contained herein- i. Our liability under this Guarantee shall not exceed Rs...../- [Rupees.....only]; ii. This Bank Guarantee shall remain valid up to(expiry date of Bank Guarantee); and iii. We are liable to pay up to the guarantee amount only and only if we receive from you a written claim or demand not later than.....(Claim period). All your rights as well as our liability under this Bank Guarantee shall stand extinguished unless a written claim or demand is made under this guarantee on _____ (Name of Bank) not later than(Claim period)	As per RFP

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Sl. No.	Reference	Section Cl. No./ Sub-Clause	Page No.	Title	Existing	Queries/Remarks by Bidders	Reply
106	DCA	Article 7 Performance Security 7.5	38-39	Retention Money	(i) From every payment for Works due to the Contractor in accordance with the provisions of Clause 19.5, the Authority shall deduct 6% (six per cent) thereof as guarantee money for performance of the obligations of the Contractor during the Construction Period (the "Retention Money") subject to the condition that the maximum amount of Retention Money shall not exceed 5% (five per cent) of the Contract Price. The deducted retention money may be replaced by Bank Guarantee (BG) after 50% of retention money has been deducted from the bills, and subsequently when 100% retention money has been deducted.	In lines with the circular issued on 3rd June, 2020 by MoRT&H bearing the subject – Atmanirbhar Bharat: Relief for Contractors/ Developers of Road Sector, we request to modify the clause as: "The Authority shall release the Retention Money on pro-rata basis of the work already executed in accordance with the Contract specification"	As per RFP
107	DCA	Article 19 Payments 19.2	85	Advance Payment	The Authority shall make an interest-bearing advance payment (the "Advance Payment") @ "Bank Rate + 3%", equal to 10 % (ten percent) of the Contract Price, exclusively for mobilisation expenses. The Advance Payment for mobilisation expenses shall be made in two instalments each equal to 5% (five percent) of the Contract Price. The second 5% (five percent) mobilization advance would be released after submission of utilization certificate by the Contractor for the first 5% (five percent) advance already released earlier.	Bidder requests the make the mobilisation advance interest free to ease the project cash flow and to ensure smooth flow of the work	As per RFP
108	DCA	Article 14 14.1 (i)		Maintenance obligations of the Contractor	Defect Notification Period	Our Indian insurers don't have a capacity to insure a project of such magnitude in marine conditions with risks such as high seismicity, high occurrence of floods and meandering river. They have the capacity to insure the project upto a maximum project duration of 7 years including Defects Notification Period. Hence, keeping in view the same, we request to keep the Defects Notification Period to Three (3) years.	As per RFP
109	General				Extension in BID Due Date	This is a mega EPC project which requires proper due diligence and design consideration which takes significant time. Hence we request to extend the bid submission by at least 1 Month i.e upto 19-Apr-21.	Kindly refer the Corrigendum- III
110	TCS					In proposed cross section for viaduct & MJB, RCC crash barrier is provided at ends for footpath. From functionality, it is recommended to have RCC crash barrier adjacent to carriageway and RCC or steel railing adjacent to footpath. Please review and confirm	As per TCS of Schedule B
111	TCS					Several dimensions are given in TCS as a part of Schedule B. Please confirm that these are tentative and bidder to free to change as per in house design.	The dimension shown in TCS are as per schedule B and pavement composition shown in TCS are minimum.
112	GAD					Please provide maximum loading due to utility services to be considered in design of bridges.	Being an EPC contract, EPC contractor is responsible to take the exact load for the design as per Codal provision.

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Sl. No.	Reference	Section Cl. No./ Sub-Clause	Page No.	Title	Existing	Queries/Remarks by Bidders	Reply
113	GAD					Please confirm that bidder is free to change the span arrangement by keeping the minimum clearance requirements.	Contractor can change the span arrangement keeping the piers in line with existing pier i.e. 125mm. but if any financial implication due to this change shall be borne by the EPC Contractor.
114	Schedule B & GAD					Currently, 25m spans are shown in department drawings for viaduct portion. Please confirm that these can be increased as bidder's own design	Contractor can change the span arrangement of viaduct based on the design requirement and site condition.
115	GAD & Schedule B TCS					Kindly, confirm can the shape and type of superstructure be changed from what is given in the tender drawings?	The type of superstructure shall be of extradosed type only. The shape of the superstructure can be changed for making the aesthetic view of the bridge with the consultation of AE.
116	Design					Since the structure is located in Seismic zone 5, can elastomeric bearings be used as seismic isolator for better seismic performance?	Question is not clear. But in extradosed of main bridge, the integral type of superstructure without bearing shall be used.
117	GAD & Schedule B TCS					Can the shape of substructure (pier and pylons) be changed from what is shown in tender drawings?	As a EPC contract, contractor is free to change the shape of the substructure with the consultation of AE.
118	GAD					As per tender drawings, extradosed superstructure is shown integral (monolithic) with the piers. Can the superstructure be placed on bearings instead to avoid thermal forces?	Integral type of superstructure without bearing shall be preferable to reduce the maintenance of the bearing.
119	Design					If desired, can shock transmitting units (STU) be provided?	For the integral type of superstructure, STU is not required.
120	Schedule B & GAD					Well foundation and pile foundations are shown in tender GAD. Please confirm that bidder is free to choose the type of foundations as per bidder's own design	The existing bridge on upstream side of the proposed bridge is with well foundation. Hence, well foundation shall be most preferable.
121	Design					When expansion joint is provided in the middle of extradosed unit, needle girders, made of structure steel, will be provided to achieve deflection compatibility of connecting units while releasing the thermal expansion/contraction. Please confirm if this concept is allowed.	Shall be provided as per codal provision in consultation with AE
122	Design					Please furnish the detailed geotechnical investigation report prepared during DPR for correct assessment of foundations.	DPR may be referred
123	GAD					Founding levels of well / piles are mentioned in the department GAD. Please confirm that these are tentative and bidder is free to change as per bidder's own design	The well foundation levels considered are minimum considering the minimum grip length.
124	GAD					Tentative rock levels are mentioned in department GAD where pile foundations are marked. Is rock also observed in well foundation locations? If yes, then the founding level of well shall vary depending on the rock line. Please furnish bore details at all pier locations for correct assessment.	As a EPC Contract, Contractor shall access as per Geotech done by bidder.
125	Design					Please provide flow velocity for design of major bridge	As a EPC Contract, Contractor shall access the same.
126	Design					Kindly furnish maximum scour level for design of foundations.	As a EPC Contract, Contractor shall access the same. However, min. MSL is mentioned in GAD.

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Sl. No.	Reference	Section Cl. No./ Sub-Clause	Page No.	Title	Existing	Queries/Remarks by Bidders	Reply
127	Annex II Schedule D					Can cast in situ construction be adopted for extradosed spans using formtravellers instead of precast segmental?	As per Schedule D
128	GAD Notes					Department drawings suggest painting of exposed concrete surfaces. In our opinion, this is not required for river bridges. Please confirm if this is required	As per codal provision
129	Schedule B & GAD					It is understood that only the extradosed spans are classified as navigational spans and same will be designed or protected from barge impact. The viaduct spans are considered non navigational and will not be designed for any barge impact. However, if small barges are expected to ply in these spans, please specify the class of barge to be considered.	As per Schedule B and GAD.
130	Design					Please confirm that approach viaducts to major bridge will not be exposed to river flow and hence will be designed similar to land bridges	As a EPC Contract, Contractor will access as per ground condition and investigation.
131	GAD					The tender GAD shows constant depth superstructure for extradosed portion. Can variable depth section be used ensuring the obligatory clearances?	As a EPC Contract, Contractor is responsible for detailed design and can be change accordingly as per codal provision with consultation of AE.
132						Being a relatively short spanned extradosed bridge, wind tunnel study is not required as per our understanding. Please confirm if wind tunnel testing is mandatory and to be considered in the scope of bidder.	As a EPC Contract, Contractor is responsible to carry all necessary study as per codal provision.
133	Design					As per tender drawings, moderate exposure condition is specified. Please confirm	As per codal provision.
134	Schedule B					Please confirm if the bridge needs to be designed for increased carriageway by removing the footpath	As per Codal provision.
135	Schedule B					Please confirm that guide bunds are in the scope of bidder. If yes, please specify the details of guide bunds (length, levels etc.) to keep all bidders on same page.	Not in the scope of bidder.
136						Considering the complexity of the project, it is requested to provide minimum 6 week extension for bid submission. Please consider	Please refer the Corrigendum-III

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Bgm (t)