

**राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड**  
**National Highways & Infrastructure Development Corporation Ltd.**

**Sub: Construction of Jia Bharali Bridge along with its approaches and River Training Work from km 25.552 to km 27.500 of NH-37A (New NH-715) in the State of Assam on EPC Mode.**  
**Tender ID: 2020\_NHIDC\_579594\_1**

Replies for the queries raised during Pre-bid meeting				
Sl. No.	Section Cl. No./ Sub-Clause	Title	Queries from Bidders	Response by Employer
1	General	Condition of Exposure.	Condition of exposure is Moderate. Please confirm.	To be considered as per latest IRC Code pertaining to the subject after assessing the site conditions
2	General	Type of superstructure & Foundation	Bidder understand that type of superstructure, substructure and foundations can be altered / Change based on the design requirement as an EPC contract. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
3	General	Span arrangement of Major Bridge	Bidder understand that Span arrangement of major bridge can be alter by keeping overall length same. Span 48.0m specify in drawing is not madetory and bidder can adopt larger span also. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
4	General	Hydraulic data	Kindly provide the Lowest water level (LWL) for proposed major bridge.	Indicated in DPR. However, the details provided are indicative and the bidder as to asses these details on its own. Authority shall not be responsible for the correctness of these details.
5	General	Navigation spans	Bidder understand that there is no navigation spans. Please confirm.	There is no Navigational Span
6	General	Foundation	Bidder understand that foundation shall be design based on the site condition and detailed geotechnical investigation report. Please confirm.	The details provided are indicative and the bidder has to asses these details on its own. Authority shall not be responsible for the correctness of these details.
7	General	Well foundation	Bidder understand that well foundation is not madetory. IRC: 78 is applicable for design of foundation. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
8	Drawings	DPR Drawings	Dimensions of the structures given in DPR drawings are only for reference only & not madetory. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
9	General	Design & Drawing Approvals	Bidder understand that for extradosed bridge or balance caltilever bridge, viaduct portion approval from IIT not required. Please confirm.	Additional proof checking from IIT/NIT to be carried out as per MoRTH Circulars/Guidelines on the subject.
10	General	Bearing	As this is an EPC Contract, contractor is free to use any bearings as per the IRC Codes & Design Requirement. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
11	General	Execution of foundations	Execution of foundations shall be as per guidelines of IRC:78. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
12	Drawings	HFL for Major Bridge	HFL mentioned in Plan and profile as 78.475 where as in GAD it is mentioned as 73.76. Please confirm the HFL.	Details provided are indicative and the bidder as to asses these details on its own. Authority shall not be responsible for the correctness of these details.
13	Drawings	Proposed FRL for Major Bridge	Proposed FRL for major bridge mentioned in Plan and profile as 84.0 where as in GAD it is mentioned as 78.9. Please confirm the FRL for the major bridge.	Details provided are indicative and the bidder as to asses these details on its own. Authority shall not be responsible for the correctness of these details.
14	Schedule B - 7.3.2 Additional new bridges	Length of the Bridge	Length of Major Bridge at CH: 26.607 in schedule B mentioned as 1200m where as in Plan and profile drawings length of major bridge at CH: 26.745 mentioned as 1263m. Bidder understand that Length of bridge given in schedule B is correct.	It is confirmed that the Bridge length is 1200 m (Excluding Approach). Further, details provided are indicative and the bidder as to asses these details on its own.
15	Drawings	Bed Levels of Major Bridge	Bed Levels of major bridge mentioned in Plan and profile and in GAD are not matching. Please confirm the bed levels.	Details provided are indicative and the bidder as to asses these details on its own.
16	General	Wearing coat	Bidder can adopt any type of wearing coat as per MORTH. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
17		Protective coating to Reinforcement Steel:	Is it required any Protective coating to Reinforcement Steel?	Based on the ground conditions and specification in the code, action shall be followed.
18		Protective coating to the concrete surface	Request you to let us know whether protective coating to concrete surface required?	Based on the ground conditions and specification in the code, action shall be followed.
19		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.	EPC Contractor has to arrage on its own. However, Authority will assist in the process.
20		Dumping Ground for Debris / Muck	Kindly indicate the location, lead for Dumping ground required for disposal of debris / Pile Muck.	EPC Contractor to identify the location.
21		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. 10.0 acres) etc. free of cost on each side of proposed Main Bridge.	It is the obligation of EPC Contractor.
22		Tender Submission date	Since the tender is based on "Design & Construction lump Sum 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.	No change

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23	Schedules + DPR and GAD / Cl.1.2.1 & Drg. No.XPLR- 226/2016/103-R1 (Sh. 3 of 3)	Schedule-B Annex-I & GAD of Deck	Please confirm the carriageway width to be considered.	The proposed project is for Construction of 4-lane Bridge accordingly, the bidder has to follow the relevant IRC Code
24	DPR and GAD / Drg. No.XPLR- 226/2016/103-R1 (Sh. 3 of 3)	GAD of Deck	1.Please clarify the whether wearing coat is to be used or Non-Skid Tiles to be used for Footpath. 2. Also please specify the thickness of the layer.	As per latest IRC codal provisions.
25	DPR and GAD Drg. No.XPLR- 226/2016/103-R1 (Sh. 3 of 3) - Notes	GAD of Bridge & GAD of Deck	Please confirm the Grade of Concrete to Used for Foundation, Substructure, Superstructure & Crash Barriers.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
26	DPR and GAD + Plan & Profile drawing	DrwgNo: XPLR- 226/2016/101 to 103, R1 (Sh. 3 of 3) & Plan & Profile drawing: Assam/PWD/NH37A/PNP/2 5 to 28	Please confirm the Exact FRL, HFL, EGL & Well Cap Top Level to be considered for the Bridge Portion.	Details provided are indicative and the bidder has to asses these details on its own.
27	DPR & GAD	XPLR-226/2016/101 to 103, R1	1. As this is an EPC Contract, the Contractor is free to Choose the Type of Bridge & the Spans. Please confirm. 2. Please confirm, whether Steel Bridges are Allowed or Not.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
28	DPR & GAD	XPLR-226/2016/101 to 103, R1	As this is an EPC Contract, the Contractor is free to Choose the Type of Connection Between the Pier & the Superstructure. And also the distance between the Expansion Joints. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
29	General	-	Kindly Provide the Utility Service Loading to be considered on the Deck.	As per RFP and as per the latest IRC Code on the subject
30	General	-	Kindly Provide the Water Current Velocity at the Bridge Location, which is to be considered in the Design.	Details provided in the DPR are indicative and the bidder has to asses these details on its own.
31	Request For Proposal 1.1. Background	Section 1 Introduction	Please clarify the length provided, as the same is not matching even with the summation of Bridge Length, River Training Works & Approaches.	As per RFP. However, it is confirmed that the Bridge length is 1200 m. Further, details provided are indicative and the bidder as to asses these details on its own.
32	DPR & GAD Drg. No.XPLR- 226/2016/103-R1 (Sh. 1 of 3)	GAD of Bridge	Since the construction duration is short, the Contractor shall choose the Pile Foundation instead of Well Foundation. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
33	Plan and Profile/ Drwg. No. Assam/PWD/NH37A/PNP/27	Cross Sections	As per Schedule Document page nuumber 15 Cl. 7.12 Width of the Carriageway of the New Bridges & Structures, the Bridge starting chainage is 26607m as against 26110m in Plan & Profile Drawing. 1. Please confirm the starting chainage of the Bridge. 2. And the maiximum allowable height to be cosiddered as Approaches/RE Walls.	As per RFP. However, it is confirmed that the Bridge length is 1200 m. Further, details provided are indicative and the bidder as to asses these details on its own.
34	Plan and Profile/ Drwg. No. Assam/PWD/NH37A/PNP/28	Cross Sections	1. Please confirm the Ending chainage of the Bridge. 2. And the maiximum allawable height to be cosiddered as Approaches/RE Walls.	As per RFP. However, it is confirmed that the Bridge length is 1200 m. Further, details provided are indicative and the bidder as to asses these details on its own.
35	Schedule of Culverts/ Section 2.5.2	-	Please Provide AutoCAD Drawing for Plan and Profile & also confirm the plan & profile drawing provided is correct or not because the culvert are shown in the drawings & schedules are not matching	Plan and Profile, GAD, Typical Cross-section has been provided alongwith the RFP for reference purpose.
36	General	-	Whether Special Vehicle as per IRC to be considered in this project ?	Latest codal provisions prevailing 28 days prior to the bid due date have to be followed in compliance to MoRT&H circular dated 02.09.2016 for design and construction of structure/Bridge.
37	General	-	Whether congestion factor should be considered for design of structures in this project?	The latest codal provisions have to be followed. The congestion factor has not been considered in the DPR. However, the latest codal provisions prevailing 28 days prior to the bid due date have to be followed in compliance to MoRT&H circular dated 02.09.2016 for design and construction of structure/Bridge.
38	General	-	Please clarify the exposure condition as per IRC: 112 to be considered for this project.	To be considered as per latest IRC Code pertaining to the subject after assessing the site conditions
39	Final Detailed Project Report (Volume-I)/ Section 2.5.2	Chapter 2 Review of Model Study Report	Kindly provide the hydrology report for Major bridges for the consideration of the scour level and other hydrological parameter.	Details provided are indicative and the bidder has to asses these details on its own.
40	General	-	As per provided Plan & Profile HFL 78.475 and Formation level 84.00m, by keeping minimum vertical clearance as per 106.8 of IRC:5-2015, whether contractor has freedom to lower the Formation level?	Design to be done by the EPC Contractor as per codal provisions keeping in view the restriction to the waterway due to River Training Work. However, Design to be approved by the Authority's Engineer.



41	General	-	Any water navigation is planned to cross this bridge, if so please specify.	There is no Navigational Span
42	General	-	Kindly provide the co-ordinates of Start and End of the Project.	As per RFP. However, it is confirmed that the Bridge length is 1200 m. Further, details provided are indicative and the bidder as to assess these details on its own.
43	General	-	IRC: 45-1972 "Recommendations for estimation the resistance of soil below The maximum scour level In the Design of well Foundation of Bridges" Kindly confirm use of IRC: 45-1972 in the design of well foundation?	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
44	Schedule D Annex I	2.2	Please provide TCS IV.	Refer Annexure-I
45	General	-	As per the Schedule D, IRC:SP 84 -2014 to be followed. Whether latest IRC:SP 84-2019 to be followed? Please clarify.	IRC:SP-84-2014 has to be followed
46	General	-	Please inform the status of environmental clearance for this project.	Technical Schedule may be referred.
47	General	-	The cost of the project in NIT and DPR is different. Please clarify.	Please refer Amendment-I
48	DPR and GAD / Dwg No 001, Sept 2016 & Dwg No 001, Dec 2016	Overall layout plan of Tezpur, Annexure I (Schedule B), Section 7,	We understand that the 80m long deflecting spur is not required for channel closing dyke as per the overall layout dated Dec 2016. Kindly confirm. Kindly provide the AutoCAD of overall layout	Plan and Profile, GAD, Typical Cross-section has been provided alongwith the RFP for reference purpose.
49	DPR and GAD/ Dwg No 001, Dec 2016 / Clause 7.8.3	Overall layout plan of Tezpur, Annexure I (Schedule B), Section 7,	As per the Chainages provided in the drawing, length of flood embankment is calculated as 17.4km. But in the technical schedule Annexure I (Schedule B), section 7.8.3, length of embankment is mentioned as 17.618km. Kindly confirm the length of flood embankment	Technical Schedule may be referred.
50	DPR and GAD, Technical Schedules/ Dwg No 001, Dec 2016 / Clause 7.8.3	Overall layout plan of Tezpur, Annexure I (Schedule B), Section 7, Annexure I (Schedule A), Section 18,	As per the Chainages provided in the drawing, length of guide bund is calculated as 5490m. But in the technical schedule Annexure I (Schedule B), section 7.8.3, length of embankment is mentioned as 4330m+500m. Length of existing portion of guide bund is provided as 636m (CH:0+750 to CH: 1+386) as per Section 18, Annexure I (Schedule A). Kindly confirm the length of guide bund.  Also confirm whether the length of existing portion is excluded from the length of guide bund given in Technical schedule Section 7.8.3	Technical Schedule may be referred.
51	General	-	Kindly provide the following design data for river protection works; #Design flow velocity to be considered for each stretch of Guide bund, Embankment and dyke on both river side and country side/ Velocity near the banks on both sides of protection works # Water levels on both sides of channel closing dyke #For estimating the scour related parameters like Mean particle size of bed material near proposed river protection works, kindly provide the geotechnical investigation data available along the proposed river protection works #Kindly provide the topography/bathymetry data along the proposed river protection works in AutoCAD or xyz format	Details provided are indicative and the bidder has to assess these details on its own.
52	Technical Schedules / Clause 7.8.3	Annexure I (Schedule B), Section 7	Please confirm whether the type of protection works can be changed especially for guide bund since the existing portion is built with articulating concrete blocks	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
53	Technical Schedules	Annexure I (Schedule A), Section 18	Kindly provide the material specifications document and As-built drawings pertaining to existing river training works	As per RFP
54	Technical Schedules/ Clause 7.8.3	Schedule B, Annex-I, Section 7	Kindly confirm whether geo-mattress is required along with concrete blocks. We understand that only one element will be sufficient. Please clarify	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
55	General	-	Request to provide the model study report prepared by NEHARI. Also request to provide any other study reports prepared for the project	As per RFP
56	Technical Schedules	Annex-II (Schedule-B)	The drawings mentioned under this schedule is not provided. Requesting to kindly share the same	Kindly refer DPR for drawings
57	-	-	Please confirm the datum to be followed.	Details provided are indicative and the bidder has to assess these details on its own.
58	Clause 7.8.3	-	Details given in Dwg. No.004 in DPR does not match with details in Technical schedule. Request to confirm on the type of slope protection works for embankments.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
59	Technical Schedules/ Clause 7.8.3	-	Total length of embankment mentioned in schedule is not matching with DPR. Request to confirm total length of Embankment	Kindly refer Technical Schedule.
60	DPR	-	EGL provided in Borehole location drawing and GAD not matching.Request to provide EGL at all Pier and Abutment locations.	Details provided are indicative and the bidder has to assess these details on its own.
61			GAD has been provided along with documents and it shows 25 nos 48m span between centre to centre of expansion joint. Whether the span arrangement is indicative or can be altered. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
62			GAD has been provided and shows four lane 25.2m wide box girder superstructure. Whether two separate superstructures side by side may be provided to have a four lane bridge with aforementioned width. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
63			GAD has been provided and shows foundation type as circular RCC well foundation. Whether the foundation type may be altered. If it is well foundation whether the sinking method is limited to gravity type or not. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.



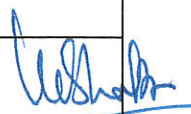
64		Whether there is any restriction about type of structural arrangement for superstructure such as box girder type , I girder type or may be as per contractor's choice. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
65		Discharge data provided in DPR will be considered for design of structures and guide bund. Please confirm.	Details provided are indicative and the bidder has to asses these details on its own.
66		The geotechnical data provided in DPR will be considered for design of structures, guide bund and highway pavement. Please confirm.	Details provided are indicative and the bidder has to asses these details on its own.
67		It is observed that H.F.L at proposed bridge location as mentioned in DPR and GAD is 73.76m (Refer drawing no. XPLR-226/2016/101 Rev R1) and in Plan Profile drawing is 78.745m (Refer drawing no Assam/PWD/NH37A/PNP/27). Further as per plan profile drawing of 11.5 km long guide bund, HFL varies from 73.76m to 80.06m at upstream side to downstream side. Since height of guide bund and height of bridge structure is entirely dependent upon the HFL, increase in the value of HFL will increase the height of guide bund and height of bridge structure resulting in considerable increase in project cost. Please confirm HFL.	Details provided are indicative and the bidder has to asses these details on its own.
68		Plan and profile drawing has been provided for 3.0km(from Km 24+000 to Km 27+000) whereas the length of the project stretch as per Schedule-B is 1.926m.Chainage of start and end point of road has not been mentioned; It should be mentioned with co-ordinates as the road is in green field alignment.	Kindly refer Technical Schedule.
69		As per Schedule-D, Manual of Specifications and Standards for Four-Lane Highways (IRC: SP-84-2014) to be followed where minimum width of median shyness is 0.50m whereas as per schedule –B, Cl.1.2.1, width of shyness has been mentioned 0.25m	IRC:SP-84-2014 has to be followed
70		Typical cross section of the approach road has not been provided.Please provide for normal embankment height as well as for high embankment(for embankment height more than 6.0m along with proposed berm configuration)	Refer Annexure-I
71		Median width as per plan and profile drawing is uniform (4.5m) whereas as per GAD, width at of median at bridge location is 1.2m without shyness.	Median shall be provided as per IRC Specifications.
72		Please provide autocad drawing of P&P drawing and HIP co-ordinate for layout of alignment.	Plan and Profile, GAD, Typical Cross-section has been provided alongwith the RFP for reference purpose.
73		Speed as mentioned in P&P drawing is 100kmph whereas Length of vertical summit curve at bridge approach is not as per ISD(Intermediate Sight Distance) for speed 80kmph/100 kmph. Further it is not as per SSD(Stopping Sight Distance) pertaining to 100kmph.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
74		As per plan and profile drawing, finished road level at bridge location is 84m whereas as per GAD, the road level has been shown 78.9m.	Details provided are indicative and the bidder as to asses these details on its own. Authority shall not be responsible for the correctness of these details.
75		HFL at bridge location has been shown 78.475m, whereas the maxm level of approach road is much lower than it (say on an average 71m)***** (Reviewing this whether guide bundh is provided to mitigate the flooding)	Guide bund is part of the proposal.
76		In schedule-B, no pitching has been found for approach road.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
77		Length of toe wall at Schedule –B has not been mentioned but requirement has been stated. Please specify where it might be required (Constricted ROW locations?).	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
78		Length of crash barrier (metal beam) has not been specified in Schedule-C.	As per latest IRC Codal Provisions
79		Length of lighting has not been quantified (length; other than bridge location) in Schedule-C	As per latest IRC Codal Provisions
80		Annexure II schedule B is missing in the document. Please confirm.	Refer Annexure B1 of the DPR.
81		Execution of spur is not mentioned in schedule B. Please confirm whether it is within the scope or not.	As per RFP
82		No specification about articulated concrete block has been provided. Please confirm.	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
83		Threshold Technical Capacity mentioned in N.I.T for the intending tenderers has been fixed at Rs. 1006.28 crore, which is 200% of the Estimated Project cost of Rs. 503.14 crore. Therefore, we earnestly request you kindly to fix the Threshold Technical Capacity to 100% of the Estimated Project Cost i.e. Rs. 503.14 Crore.	As per RFP.
84		We also like to request you kindly to extend the date of submission of the Bid by another two months as extensive studies of the proposed work at site, design and drawings and other related technical works in Office are involved.	No Change

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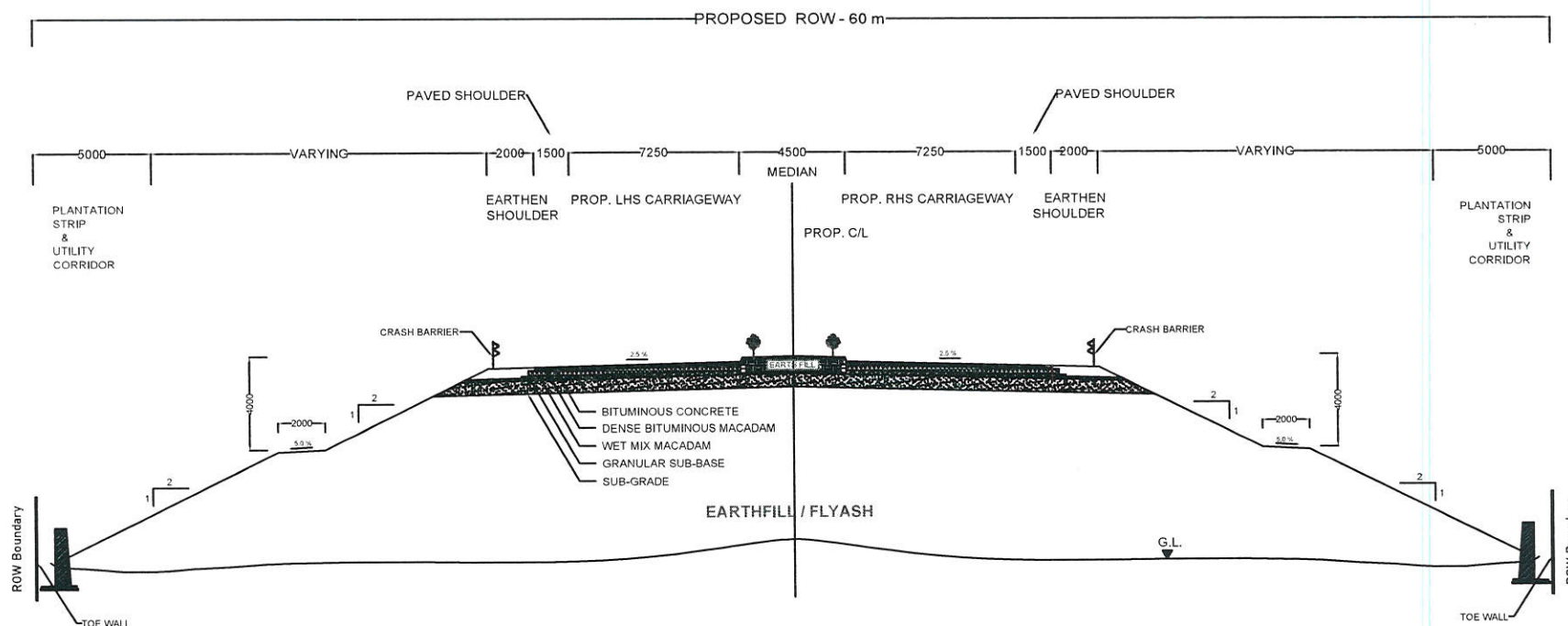
			Requirement of DATA for Design of Major Bridge: (i) Bearing Capacity and Classification of Soil at Founding Level. (ii) Catchment Area (iii) HFL (iv) Velocity of Flow during HFL (v) Vertical (vi) Design / Maximum Depth of Scour (vii) Silt Factor (viii) Flood with Seismic Combination (ix) Low Water Level	
85			(x) Cross - Sections of the River in U/s and D/S (xi) Bed Slope of the River (xii) Particulars of Proposed Bridge - Width, Carriage Way, Class - 70R/AA/A (xiii) Flood Width (xiv) Topography (xv) Weather (xvi) Environment	Details provided are indicative and the bidder has to assess these details on its own.
86			Survey Details for Guide Bund, Y-Junction, River Training etc. and Bridge	
87			GPS coordinates of Bridge & River Training	
88			Silt content as in SSI	
89			Kindly provide SSI Report of the proposed Bridge.	
90			Overall width of Bridge, Footpath and Carriageway.	
91			Approach length and Cross section	
92			Cross Section of Bridge	
93			In section 7 Data Sheet mention details of similar work (Technical Capacity) Rs. 125.79 Crores but in Cl. No. 2.2.2.2 (ii) Technical Capacity mention for Highway projects (including Major Bridges/ROB/Flyovers/Tunnels) 15% of estimated cost (Rs. 503.14 Crores) i.e. Rs. 75.47 crores. Please clarify.	Refer Clause 2.2.2.2 (iii) (a) of the RFP.
94			If there any utility shifting in this project if yes kindly provide the details and who will bear the cost of utility shifting. The cost of Utility shifting is including tender value or not.	Please refer Schedule B-1 for indicative details of utilities which shall be finalised in consultation with the Utility Owning Department. Shifting work shall be carried out as per provisions of EPC Contract Agreement.
95	General		Can we change Superstructure Type?	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
96	General		Can we change Foundation Type?	Design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
97	General		Is SPUR under scope of work because it is not mentioned in Schedule?	As per RFP
98	Schedule - B Clause no. 2.11 at pg. no. 13	Highway length 0.748 m TCS	Please provide TCS Type - IV (New alignment) for approaches.	Refer Annexure-I
99	Schedule - B Clause no. 7.8.3 at pg. no. 13	River Training works: (Length of Guide Bund with Boulder Pitching = 4330m & Length of Guide Bund with articulating concrete block and geo-matress = 500m	Please specify the exact Guide Bund length, as it is mentioned in Schedule B is 4330 + 500 m = 4830m. But in attached document of Schedule B Annexure - II (DPR and GAD) the length mentioned is 7468 mtr.	Kindly refer Technical Schedule.
100	Schedule - B Clause no. 7.8.3 at pg. no. 18 to 19	River Training works: (Length Embankment=17618m)	Please Specify the Exact Embankment Length, as it is varying in schedule B and attached document (DPR and GAD). The Length is mentioned in scheduled B i.e. 17618m but in attached documents drawing of Annexure - II i.e. 15300m.	Kindly refer Technical Schedule.
101	Schedule - B Clause no. 7.8.3 at pg. no. 18 to 19	River Training works: (Length of Channel close Dyke=1000m)	Please specify the exact channel Closing Dyke length, as it is varying from Schedule B and attached document (DPR and GAD). The length is mentioned in Schedule B is 1000m But in drawing of Annexure - II is 1600 m length.	Kindly refer Technical Schedule.

102	Schedule - A Clause no. 18 at pg. no. 6 of Technical Schedule Document	River Training works: (i) (From km 0+750 to 1+386) work executed = Articulating concrete block and geo mattress  (ii) (From km 1+386 to 2+850) work executed = partially completed unfinished Earthwork for Embankment as available at site.	(i) Please specify from km 0+750 to 1+386. Is articulating concrete block and geo mattress are executed at site?  (ii) Please specify from 1+386 to 2+850. Is embankment in said length executed at site?	Kindly refer Technical Schedule.
103	—	—	As per site visit, required size of boulder for pitching is not available, so can we use some alternative proposal?	Yes, However, design to be done by the EPC Contractor as per codal provisions. However, Design to be approved by the Authority's Engineer.
104	—	—	Status of Land Acquisition for Guide Band, Embankment & Closing dyke may please be clear in detail.	Date of handing over of land stipulated in RFP and will be handed over as per stipulations of EPC Contract Agreement.
105	Vide RFP Clause no. 2.1.15		Since this clause restricts the participating bidders who are already executing works with your organisation. This kind of restriction is not there in MoRT&H Standard RFP. This clause is restrictive to fair participation and reduces the competition. Hence, needs to be deleted.	As per RFP.
106	Vide RFP Clause 2.2.2.2(ii)		(ii) For normal Highway projects (including Major bridges / ROB/ Flyovers / Tunnels): Provided that at least one similar work of 50% of Estimated Project Cost shall have been completed from the Eligible Projects in Category 1 and / or Category 3 specified in Clause 2.2.2.5. For this purpose, a project shall be considered to be completed, if more than 90% of the value of work has been completed value of work is equal to or more than 50% of the estimated project cost. If any major bridge / ROB/Flyover/Tunnel is (are) part of the project, then the sole bidder or in case the Bidder being a joint venture, any member of Joint Venture shall necessarily demonstrate additional experience in construction of Bridge/ ROBs / Flyovers/Tunnel in the last 5 (five) years Preceding the Bid due date (works completed as on bid due date shall also be considered for this clause) i.e. shall have completed atleast one similar bridge / ROB/Flyover having span equal to or greater than the longest span of the structure proposed in this project and in case of tunnel, if any, shall have completed construction of atleast one tunnel consisting of single or twin tubes (including Tunnel(s) for roads /	As per RFP.
107	Vide RFP Clause 2.2.2.2 [iii] (a) (a1)		[a1] In case the cost of specialized project is less than or equal to Rs. 1,000 Cr. The sole bidder or in case the bidder being a Joint Venture, any member of Joint Venture shall have completed atleast one similar Bridge / ROB Flyover project in the last 5 (five) years preceding the Bid Due Date shall also be considered for this clause] having span equal to or greater than the longest span of the structure proposed in this project and also the cost of such similar project shall be atleast 50 % of the Estimated Project Cost. For this purpose, a project shall be considered to be completed, if more than 90% of the value of work has been completed and such completed value of work is equal to or more than 50% of the Estimated Project Cost	As per RFP.

  
 (K. C. Bhatt)  
 Dy. General Manager (T)

01/10/2020





TYPICAL CROSS SECTION TYPE A4

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