

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis



Government of India
Ministry of Road Transport & Highways

REGIONAL OFFICE, HYDERABAD
R&B Office Complex, Errum Manzil, Hyderabad-500082
Telefax: 040-23393206, 040-23378549; E-mail: rohyd-morth@gov.in


Date: Feb, 2026

NIT No. RW/HYD/Misc-28/NIT/2025-26/019 Dated: - 30.12.2025.

Replies to the Pre-Bid Queries.

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
1	Note 8 of Clause 7.3.1 of Schedules (Bid Document Volume III)	Wind tunnel test	Wind Tunnel Testing of Model The test reports of the full-scale Wind Tunnel test of approved model as per latest relevant International Standards as recommended by AE shall be submitted by the agency at the design approval stage.	The Bidder seeks clarification regarding test reports that can only be generated after design approval, as these will require lead time for procurement of materials and subsequent testing. Kindly confirm how such tests are to be addressed with respect to submission timelines and contractual compliance.	Wind tunnel test/(s) has to be conducted by the Contractor after acceptance of preliminary design and before the stage of final approval to meet the requirement of RFP
2	Note 9 of Clause 7.3.1 of Schedules (part of EPC Agreement)	Construction Methodology	Contractor would not be given any freedom to change the design and construction sequence decided by the PMC Consultant/ Authority Engineer Construction sequence shall be given by PMC Consultant as part of the bridge to facilitate EPC Contractor to plan the execution of work accordingly.	The project geometry places Pylon P1 on the Telangana side and Pylon P2 on the Andhra Pradesh side. P2 is approachable only through land mode from the Andhra side, whereas P1 is completely water-bound and remains submerged/isolated with no existing land corridor. As a result, conventional access to P1 is difficult by either land mode or marine mode, making access planning for both pylons inherently complex and high-risk. The Bidder seek clarification for the Construction sequence to be followed as accordingly the mode of work shall be	Construction sequence given in tender document is one of the possible methods. Contractor is free to propose its own methodology but it has to be accepted and approved by PMC/AE.

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply																									
				decided for accurate pricing and healthy competition among all the bidder.																										
3	General	Restricted land and marine working window under existing conditions	-	<p>Based on 10 years of historical Srisailam Dam data, which directly influences the Somasila reservoir levels, the following conditions are considered: Available Working Window (Over 3-Year Duration) Marine operations: 4 months/year × 3 = 12 months Land operations: 5 months/year × 3 = 15 months</p> <table border="1"> <thead> <tr> <th>Season</th> <th>Duration</th> <th>Avg. Level (m)</th> <th>Diff. from HFL</th> <th>Feasible Operation</th> </tr> </thead> <tbody> <tr> <td>High Flood</td> <td>Jul-Sep (3 months)</td> <td>265-271</td> <td>0-6 m</td> <td>Minimal work (Monsoon)</td> </tr> <tr> <td>Mean</td> <td>Oct-Jan (4 months)</td> <td>258-261</td> <td>4-10 m</td> <td>Marine mode</td> </tr> <tr> <td>Low</td> <td>Feb-May (4 months)</td> <td>251</td> <td>14-20 m</td> <td>Land mode</td> </tr> <tr> <td>Lowest</td> <td>Jun (1 month)</td> <td>241</td> <td>24-30 m</td> <td>Land mode</td> </tr> </tbody> </table>	Season	Duration	Avg. Level (m)	Diff. from HFL	Feasible Operation	High Flood	Jul-Sep (3 months)	265-271	0-6 m	Minimal work (Monsoon)	Mean	Oct-Jan (4 months)	258-261	4-10 m	Marine mode	Low	Feb-May (4 months)	251	14-20 m	Land mode	Lowest	Jun (1 month)	241	24-30 m	Land mode	As per RFP
Season	Duration	Avg. Level (m)	Diff. from HFL	Feasible Operation																										
High Flood	Jul-Sep (3 months)	265-271	0-6 m	Minimal work (Monsoon)																										
Mean	Oct-Jan (4 months)	258-261	4-10 m	Marine mode																										
Low	Feb-May (4 months)	251	14-20 m	Land mode																										
Lowest	Jun (1 month)	241	24-30 m	Land mode																										
4	General	Construction Methodology	<p>No direct access to A1 and P1 location of Bridge.</p> 	<p>Considering the challenging geological conditions and the limitations associated with both marine and land access, the following construction options are proposed for further evaluation: Option 1 - Marine Mode for P1 & A1 location using Marine Fleet. Pylon P1 is fully water-bound with no existing land access. Accordingly, access is understood to be only from the Andhra side via marine mode. However, Somasila is a landlocked reservoir, and there is no feasible route/means to mobilize heavy marine equipment to the site, including but not limited to: jack-up barge, floating barge, batching plant, material barges, crane barges, piling rig, tugboat, and passenger boats. In such case, the only alternative would be local fabrication and assembly near the Somasila side, which would require a large fabrication/assembly yard, an estimated 12-18 months</p>	<p>As per RFP. Bid cost should all inclusive. Permission for navigational span blockage (if any) has to be obtained from concerned authority. All the permission required for access / temporary construction etc shall have to be obtained by Contractor. The responsibility of accessibility to the site lies with the Contractor.</p>																									



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				lead time, and substantial upfront cost, materially impacting bid pricing and schedule. Further, during low water levels, the jetty location shifts by >600 m from the Somasila bank, and provision of a ~600 m temporary jetty would be economically unviable. In view of the above, This option will be highly challenging to take the works.	
5	General	Construction Methodology		<p>Option 2 - Construction of Temporary Access Bridge for works at P1 & A1 location.</p> <p>Access to Pylon P1 via the Andhra side would require a ~500 m temporary access bridge, which will obstruct navigation and must be above HFL, with steel liners up to 55 m and approx. 10000 MT of steel. Desing of such arrangements & Estimated execution time is ~8-10 months with huge initial cost and requiring continuous navigation blockage throughout.</p> <p>Request to confirm: Is navigation blockage permitted for the full construction duration? Should the entire cost of this temporary structure be included in the Bid, or will there be a separate provision?</p>	<p>As per RFP. Bid cost should all inclusive. Permission for navigational span blockage (if any) has to be obtained from concerned authority. All the permission required for access / temporary construction etc shall have to be obtained by Contractor. The responsibility of accessibility to the site lies with the Contractor.</p>

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
6	General	Construction Methodology		<p>Option 3 - Land Approach from Telangana Side for works at P1 & A1 location.This is the most feasible options for access to Abutment A1 and Pylon P1 shall be via CH 85+000, using land mode, as indicated by the "RED" hatched area in the attached sketch.Request you to confirm1)Availability of Access: Whether the said stretch/access approach shall be made available to the Bridge Contractor and maintained unobstructed/free from encumbrances for the entire duration, until completion of all associated works (including construction, finishing, testing/commissioning, and rectification, as applicable).2) Handing Over / Appointed Date (Differed):Whether, for Abutment A1 and Pylon P1, the Appointed Date/commencement for the Bridge Contract shall be considered on a differed basis from the date of handing over of the above approach road stretch to the Bridge Contractor, to enable orderly planning, safe mobilization, and commencement of works.Based on the above viable options for construction as above, the development of temporary and/or permanent access for works itself is expected to require approximately 12-14 months, following which major activities such as pylon foundations, pylon construction, and abutment works would commence.Considering the restricted marine working window, challenging terrain, and significant access constraints, it appears that the currently stipulated EPC completion period of 36 months may not be practically achievable , thus the bidder requests to consider the Extension of the EPC period to approximately 44-48 months.</p>	<p>As per RFP. Bid cost should all inclusive. Permission for navigational span blockage (if any) has to be obtained from concerned authority. All the permission required for access / temporary construction etc shall have to be obtained by Contractor. The responsibility of accessibility to the site lies with the Contractor.</p>



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
7	GAD	Construction Methodology	As per GAD, foundation level \approx +236.00 m.	P2 Pylon lies partially in water requires a coffer dam (approx. 80m \times 30m \times 60m depth) and depending upon high sizes same shall be increased. Such a cofferdam:a.) Requires 10–12 months to construct.b.) Has very high cost with no provision in Payment Schedule.Request to confirm, should the entire cost of this temporary structure be included in the Bid, or will there be a separate provision?	Bid cost should inclusive of all permanent works as well as temporary work etc.
8	General	Status of Approach Road works / tender		It is observed from the Department's portal that a tender has been indicated for the approach road from CH 79+000 to CH 87+360; with bid opening date of 03-March-2026. In this regard, kindly clarify the following: a) status of the tender. b) Whether the EPC appointed date for the Bridge contract shall be considered from the date of handing over of the above approach road stretch to the Bridge Contractor, enabling orderly planning and safe commencement of works.	This is standalone project and shall not be interlinked with other packages.
9	Clause 1.2 - Bill no 3.1 of Schedule-H	Contract price weightage	Weightage of foundation is given as 5.58%	Due to challenging geological conditions, the foundation works to cost ₹250–300 Cr. The current payment weightage does not adequately cover this expenditure. Kindly revise the foundation weightage in the Payment Schedule after contract award to ensure the actual cost of foundation works can be appropriately billed and compensated.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
10	Clause 1.2 - Bill no 3.1 of Schedule-H	Contract price weightage	Weightage of foundation is given as 5.58%	GTI works, including the initial pile test in marine mode, are expected to cost approximately ₹15 Cr. This amount needs to be billed upon completion. Bidder request to revise schedule H to include a specific payment provision for GTI and initial pile testing.	As per RFP
11	Clause 1.2 of Schedule-A Annex-I	HFL	The High Flood Level (HFL) of 270.880 m indicated in the General Arrangement Drawing (GAD) is based on secondary data and is provided for reference purposes.	The HFL provided in the GAD GEN/100/Sheet 1 of 2 is 271.880. Please Clarify.	HFL is 271.880, please refer Corrigendum No. 01
12	Clause 1.2 of Schedule-A Annex-I	Minimum Design HFL	Notwithstanding such verification, the HFL of 270.880 m shall be treated as the minimum design HFL, and under no circumstances shall the Contractor adopt or consider a lower HFL for the purposes of design and construction.	As this is an EPC contract, the Contractor assumes that the High Flood Level (HFL) will be determined during the Execution Stage based on detailed survey data, in full compliance with applicable design codes. Kindly confirm.	HFL is 271.880, please refer Corrigendum No. 01
13	Note 11 of Clause 7.3.1 of Schedule-B Annex-I	Bearings	Spherical bearings to be provided for Cable Stayed Portion. The design of such bearings shall conform to IRC: 83 (Part IV) and shall be designed as per actual design of EPC Contractor.	As this is an EPC contract, the Contractor assumes that the type of bearings will be determined based on their detailed design requirements, ensuring full compliance with applicable design codes. Kindly confirm.	As per RFP
14	Note 13 of Clause 7.3.1 of Schedule-B Annex-I	Expansion Joint	Modular strip seal expansion joint shall be provided.	As this is an EPC contract, the Contractor assumes that the type of expansion joint will be determined based on their detailed design requirements, ensuring full compliance with applicable design codes. Kindly confirm.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
15	Note 1 of Clause 7.3.1 of Schedule-B Annex-I	Dimensions of all Structural Element	The General Arrangement of Proposed bridge like span arrangement, height of Pylon, shape & structure of Pylon, Bridge Deck's structural arrangement, Arch type steel trusses, and the one's mentioned in this chapter etc. shall not deviate from the Design Intent and Tender Drawings.	As this is an EPC contract, the Contractor assumes that the deck arrangement and dimensioning (including height, width, depth, location/number of tie beams, and bearing articulations) of all structural elements will be finalized based on their detailed design. This will maintain the design intent of the tender drawings while ensuring full compliance with applicable design codes. Kindly confirm.	As per RFP
16	Note 2 of Clause 7.3.1 of Schedule-B Annex-I	Soffit Level of the Superstructure	The bottom/Soffit of superstructure shall be 29.515m from the HFL of 271.880.	Please provide the technical basis for adopting a 29.525 m clearance, as this does not align with standard navigational clearance requirements. Kindly confirm if navigational clearance was intended.	FRL as indicated in GAD shall be maintained.
17	Note 3 & 4 of Clause 7.3.1 of Schedule-B Annex-I	Rolla Deck Sheeting	The top RCC deck shall be supported on Rolla deck sheet as shuttering and wooden / normal steel sheets are not permitted. The carriageway and other details for vehicular traffic shall be provided over top deck.	As this is an EPC contract, the Contractor assumes that the alternate Precast RCC Deck shall be used instead of Rolla Deck Sheet, in compliance with the applicable design codes. Kindly confirm.	As per RFP
18	Note 8 of Clause 7.3.1 of Schedule-B Annex-I	Number of Stay Cables and Vertical Suspenders	The cable stayed [(C1 to C30 x 2) x2], vertical suspenders (2 x 19), vertical hangers (2x 8) shall be provided as per actual design by EPC Contractor. Anticorrosive treatment to the cable system shall be provided.	As this is an EPC contract, the Contractor assumes that the number of stay cables and suspenders will be determined based on their detailed design requirements, while maintaining the architectural intent of the tender drawings and ensuring full compliance with applicable design codes. Kindly confirm.	As per RFP



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
19	Note 9 of Clause 7.3.1 of Schedule-B Annex-I	Suspender Cables	-	The recommended pipe diameter of the suspender cables is stated as 125 mm in the GAD, but the bid document lacks specific structural features for the suspender cables. Kindly clarify if PWS (Parallel Wire Strand) cables with a strand diameter of 5 mm or 7 mm are applicable in the tender.	As per RFP
20	Note 9 of Clause 7.3.1 of Schedule-B Annex-I	Painting Specifications	The Aesthetics of the bridge shall be as shown in the drawings/ GAD. Suitable painting shall be provided to the structures matching the aesthetics of surrounding and as approved by Authority's Engineer.	To enable accurate costing in the bid, please provide the detailed painting specifications, including surface preparation, primer/intermediate/finish coats, DFT, and system type.	Painting Specification shall be referred as per Corrigendum No. 01
21	Table 7.4.7.1 of Schedules (Bid Document Volume III)	Suspension Cable Wire	Nominal diameter: 5.75 mm	Kindly clarify whether any change in wire diameter is acceptable in this tender.	Diameters mentioned are minimum
22	Clause 7.2 of Detailed Project Report (DPR)	Tie Beams	Tie beams: 4 tie beams with RCC hollow sections are proposed at different	Kindly provide clarification regarding the purpose and structural features of the tie beams mentioned in Chapter 7.2 for the bridge superstructure.	As per RFP tie beams as shown in GAD have to be provided
23	GAD	Tentative Force in Stay Cable and Suspension Cable/Suspenders	Tentative cables forces for dummy suspenders: 0 ton	Kindly clarify whether the tentative cable forces in GAD Sheet 1 are derived from the permanent dead loads case, as we have noted that the cable forces of the dummy suspenders are zero in the table. Additionally, please specify if these dummy suspenders should be designed as a structural or non-structural component in the tender design.	As per RFP dummy cables have to be provided for aesthetics however based on design if these required to sustain structural load it may be provided without changing proposed aesthetics. Bids shall be inclusive of this cost.
24	GAD	Section B-B	Width of tower legs: 4-5 m	The width of the tower legs seems to abruptly change from a constant 4 m to 5 m at the lower cross beam. Kindly clarify	As per RFP. There is gradual change in the width of the tower leg.

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				whether this is an intentional aesthetic feature that we should adhere to in the tender design.	
25	GAD	Open Foundation Details of Pylon	Dimensions of open foundation: L60.3 m x B24.3 m x H5.0 m	Kindly clarify whether any changes in the dimensions of the open foundation for the pylon are acceptable in the tender design.	Contractor is free to propose his own design for foundation including its type.
26	General	FRL	-	Can the contractor take the liberty to change the horizontal and vertical geometric (Lowering the FRL) as per site requirements within PROW maintaining the clearance requirements as per Employer requirement.	As per RFP
27	General	Utilities in bridge	-	Please clarify whether any utility cables need to be taken through superstructure? And also confirm loading for utilities.	Provision for utility duct have to be provided as per direction of PMC/AE /authority and bridge has to be designed by considering loading as per relevant IRC provisions.
28	General	CAD Drawings	-	Please provide the AutoCAD copy of all the drawings.	As per RFP
29	Geotechnical & Geophysical Report	Type of Foundation for Pylon	Recommended foundation for Major Bridge across Krishna River: Pile foundation	Piled foundation is recommended for the major bridge in the geotechnical and geophysical report, while the open foundation is designated in the GAD for the major bridge towers. Kindly clarify whether any modification to the pylon foundation is acceptable in the tender.	Contractor is free to propose his own design for foundation including its type.
30	Geotechnical & Geophysical Report	Bore hole chainages at CH: 88+100	-	In Annexure I of Geotechnical Report, at CH: 88+100, number of bore holes are mentioned. Please specify the Chainage and location of each bore hole also mention it in Plan & Profile drawing.	Geotechnical report is attached herewith for reference purpose with disclaimer (please refer Addendum-1). However, development of the project Highway shall include design and construction of the project highway as described in Schedule B



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
					and in Schedule C. Bidders have to carry their own study, survey, investigation and detailed design.
31	General	Live load.	-	The project location as per RFP is far away from ports, heavy industries and mines. Hence, we understand there is no requirement to consider congestion factor as per clause 204.4 of IRC:6-2017 in the design. Please confirm.	SPV and Congestion factor is mandatory
32	General	Pile Load Test	-	As per standard, 2% of working piles shall be tested for dynamic pile load test (High Strain Integrity test) and number of initial pile load test shall be as per IS 2911 part 4. Kindly confirm.	In case of pile foundation, pile test has to be conducted as per relevant IRC/IS code
33	General	Span Arrangement	44.54m + 61.46m + 192m + 480m + 192m + 61m + 46m	Is it Mandatory to use the same configuration given in RFP document or can be modified by keeping the total bridge length as same as per RFP	192m+480m+192m is mandatory
34	Clause 7.3 of Annexure-I of Schedule B	Bridges/New Bridges	The Hybrid Suspension & Cable stayed iconic bridge as per GAD shall be provided. The General Arrangement of Proposed bridge like span arrangement, height of Pylon, shape & structure of Pylon, Bridge Deck's structural arrangement, Arch type steel trusses, and the one's mentioned in this chapter etc. shall not deviate from the Design Intent and Tender Drawings. Provision made for number of vertical suspenders shown in the tender drawing are mandatory and shall not be deviated. The	Is it mandatory to use the height and shape of pylon as per RFP drawings or can be adjusted as per the design requirement	As per RFP



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			additional dummy cable (equally on both sides) shall be provided as shown in the tender drawing from aesthetic viewpoint. This bridge should be Hybrid of cable stay bridge and suspension bridge, both in terms of Structural requirements and Aesthetics. Design should not eliminate or reduce the number of cables or suspenders as shown in the drawings. They both should look integrated into a perfect Hybrid bridge.		
35	Annexure-I/Schedule B		-	Is it mandatory to use Bridge deck arrangement as per RFP drawings or can be adjusted as per the design requirement?	As per RFP
36	Clause 7.3 of Annexure-I of Schedule B	Bridges/New Bridges	The cable stayed [(C1 to C30 x 2) x2], vertical suspenders (2 x 19), vertical hangers (2x 8) shall be provided as per actual design by EPC Contractor. Anticorrosive treatment to the cable system shall be provided.	No. of cables, suspenders and hangers should be followed same as per drawings or can be modified.	As per RFP
37	Clause 7.3 of Annexure-I of Schedule B	Bridges/New Bridges	nominal dia meter: 15.2 mm (TI 5.2 strands)	As per RFP nominal dia. of stay cable strand is given as 15.2mm, whether it can followed or can be modified based on designer and standard engineering practices (e.g. 15.7mm , etc.,)	15.7 mm dia is minimum. Please refer corrigendum.No. 01



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply						
38	Clause 7.3 of Annexure-I of Schedule B	Bridges/New Bridges	Videography: Recording shall be done of all construction operations and shall be furnished to the Authority, every month on or before 5th of each month covering all activities, all hidden components, excavated work, finished levels of foundation etc, and as and when required to be furnished by Authority or Authority's Engineer.	Is it mandatory to submit the videos for every month or it can be extended for 3 to 6 months.	As per RFP						
39	Clause 2.2.3 of Annexure-II of Schedule D	Deck Utilization	<p>The Bridge superstructure structure should be proposed with Prefabricated Steel Box Sections making it as truss type of structure, with RCC Deck Slabs. Notwithstanding any other stipulations contained in any other Codes / standards, designed sections of truss elements should be limited to interaction ratios as mentioned below:</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Maximum Interaction value</th> </tr> </thead> <tbody> <tr> <td>Running section</td> <td align="center">0.9</td> </tr> <tr> <td>End section</td> <td align="center">0.9</td> </tr> </tbody> </table>	Section	Maximum Interaction value	Running section	0.9	End section	0.9	Is it mandatory to use the utilization given schedules or can be modified based on the actual design	As per RFP. Interaction values shall be followed in Totality as far as technically feasible subject to that condition that prescribed value is maximum and the contractor has to adopt equal or less than the interaction values prescribed.
Section	Maximum Interaction value										
Running section	0.9										
End section	0.9										

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply																															
40	Clause 2.2.3 of Annexure-II of Schedule D	Pylon Utilization	Notwithstanding any other stipulations contained in any other Codes / standards, designed sections of Pylon should be limited to interaction ratios as mentioned below: <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Cross Section</th> <th>Maximum Interaction value</th> </tr> </thead> <tbody> <tr> <td>Pylon base</td> <td>0.75</td> </tr> <tr> <td>Pylon top</td> <td>0.75</td> </tr> </tbody> </table>	Cross Section	Maximum Interaction value	Pylon base	0.75	Pylon top	0.75	As this is an EPC contract, the Contractor assumes that the interaction values will be determined based on their detailed design, ensuring full compliance with applicable design codes, and that restricting below 0.75 is not mandatory. Kindly confirm.	As per RFP. Interaction values shall be followed in Totality as far as technically feasible subject to the condition that prescribed value is maximum and the contractor has to adopt equal or less than the interaction values prescribed.																									
Cross Section	Maximum Interaction value																																			
Pylon base	0.75																																			
Pylon top	0.75																																			
41	General	General	-	Kindly provide the class of waterway, velocity of the barge, etc. as per IWAI classification.	Contractor may obtain the relevant data from concerned Authority.																															
42	Clause 2.2.4 of Annexure-II of Schedule D	Pylon Utilization	Deflections under Live load shall be limited to L/1200. Welding shall be allowed for jointed connections provided that the structure shall be fabricated in a workshop / factory / plant approved by Authority Engineer. No in-situ welding shall be permitted. Bolting and riveting will be permitted for onsite erection only. Torquing of all connection bolts shall be done only with automatic torquing machine. No manual torquing is allowed	Deflection limit is given as L/1200 in Employer requirement. This is not as per standard industrial practices. As per JRA Part II Steel Bridges code, Table 2.3.1, the recommended value for live load deflection for suspension bridge is L/350 (Same is kept below) considering the flexibility of deck system. <p align="center">Table 2.3.1 Allowable Value of Deflection (m)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">Bridge type</th> <th rowspan="2">Girder type</th> <th colspan="2">Simple girder and continuous girder</th> <th>Cantilever girder</th> </tr> <tr> <th>L ≤ 10</th> <th>L > 10</th> <th>L/1,200</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Steel girder type</td> <td rowspan="3">Steel girder with concrete slabs</td> <td>10 < L ≤ 40</td> <td>L/2,000</td> <td>L/1,200</td> </tr> <tr> <td>40 < L</td> <td>20,000/L</td> <td>L/300</td> </tr> <tr> <td>Steel girder with other decks</td> <td>L/500</td> <td>L/300</td> </tr> <tr> <td>Suspension bridge type</td> <td></td> <td></td> <td>L/150</td> </tr> <tr> <td>Cable stayed bridge type</td> <td></td> <td></td> <td>L/400</td> </tr> <tr> <td>Other types</td> <td></td> <td>L/600</td> <td>L/400</td> </tr> </tbody> </table> <p align="right">L: Span length (m)</p>	Bridge type	Girder type	Simple girder and continuous girder		Cantilever girder	L ≤ 10	L > 10	L/1,200	Steel girder type	Steel girder with concrete slabs	10 < L ≤ 40	L/2,000	L/1,200	40 < L	20,000/L	L/300	Steel girder with other decks	L/500	L/300	Suspension bridge type			L/150	Cable stayed bridge type			L/400	Other types		L/600	L/400	As per RFP
Bridge type	Girder type	Simple girder and continuous girder		Cantilever girder																																
		L ≤ 10	L > 10	L/1,200																																
Steel girder type	Steel girder with concrete slabs	10 < L ≤ 40	L/2,000	L/1,200																																
		40 < L	20,000/L	L/300																																
		Steel girder with other decks	L/500	L/300																																
Suspension bridge type			L/150																																	
Cable stayed bridge type			L/400																																	
Other types		L/600	L/400																																	
43	General	Alignment	-	Please provide KMZ file of the project	KMZ file is attached with disclaimer. Please refer Addendum-1																															
44	General	Water level	-	Please provide the water level data for the past 10 years	Contractor may obtain the relevant data from concerned Authority.																															

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
45	General	Survey data	-	Bathymetry data is required to plan the type of equipment/machineries required to be deployed and for preparation of construction schedule.	Contractor may obtain the relevant data from concerned Authority
46	General	Land for Casting Yard / Labour Camp	-	Kindly, clarify whether any casting area will be made available to the EPC contractor free of cost. If so, kindly specify the area that will be made available.	Casting area etc has to be arranged by the contractor at his own cost.
47	Clause 1.1.2 of section 1 of RFP	Introduction (Maintenance Period)	The scope of work will broadly include "Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis" and maintenance of the Project during the Defect Liability Period, which shall be 10 years (120 months)	Bidder requests to reduce the Maintenance and Defect Liability Period to 3 years	As per RFP



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
48	Clause 2.5.2 of section 2 of RFP	Site visit and verification of information	<p>It shall be deemed that by submitting a BID, the Bidder has:</p> <p>(a) made a complete and careful examination of the Bidding Documents, Schedules annexed to EPC agreement Document;</p> <p>(b) received all relevant information requested from the Authority;</p> <p>(c) accepted the risk of inadequacy, error or mistake in the information provided in the Bidding Documents or furnished by or on behalf of the Authority relating to any of the matters referred to in Clause 2.5.1 above. No claim shall be admissible at any stage on this account.</p> <p>(d) satisfied itself about all matters, things and information including matters referred to in Clause 2.5.1 hereinabove necessary and required for submitting an informed BID, execution of the Project in accordance with the Bidding Documents and performance of all of its obligations there under;</p> <p>(e) acknowledged and agreed that inadequacy, lack of completeness</p>		



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			or incorrectness of information provided in the Bidding Documents or ignorance of any of the matters referred to in Clause 2.5.1 hereinabove shall not be a basis for any claim for compensation, damages, extension of time for performance of its obligations, loss of profits etc. from the Authority, or a ground for termination of the Agreement by the Contractor; (f) acknowledged that it does not have a Conflict of Interest; and (g) agreed to be bound by the undertakings provided by it under and in terms hereof.	It may be difficult for any prudent Bidder to examine and verify such vast tender documents provided by the Authority and examine the Site of works in such short period of time. It is requested to delete Cl. 2.5.2 and 2.5.3 and its reference in the Bidding Document and Contract.	As per RFP
49	Clause 2.5.3 of section 2 of RFP	Site visit and verification of information	The Authority shall not be liable for any omission, mistake or error in respect of any of the above or on account of any matter or thing arising out of or concerning or relating to RFP, including any error or mistake therein or in any information or data given by the Authority.		
50	Clause 2.21.2 of section 2 of RFP	Performance security	The Performance Security shall be valid until 60(sixty) days after the Defects Liability Period.	It is requested to release Performance Security to the Contractor upon issuance of the Completion Certificate.?	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
51	Clause 6.3 of section 6 of RFP	Miscellaneous	It shall be deemed that by submitting the Bid, the Bidder agrees and releases the Authority, its employees, agents and advisers, irrevocably, unconditionally, fully and finally from any and all liability for claims, losses, damages, costs, expenses or liabilities in any way related to or arising from the exercise of any rights and/ or performance of any obligations hereunder, pursuant hereto and/ or in connection with the Bidding Process and waives, to the fullest extent permitted by applicable laws, any and all rights and/ or claims it may have in this respect, whether actual or contingent, whether present or in future.	It is requested to delete Clause 6.3 of Section 6 of RFP.	As per RFP
52	Clause 3.1 V of Article 3 of EPC Document	Obligations of the Authority	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.	Bidder request to provide damages as per actuals since the consequences for delay caused by action of one party cannot be imposed on other.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
53	Clause 4.8 of Article 4 of EPC Document	Unforeseen 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.	Bidder requests to delete this provision.	As per RFP
54	Clause 4.11 of Article 4 of EPC Document	Site Data	The Contractor shall be deemed to have inspected and examined the Site and its surroundings and to have satisfied himself before entering into the Agreement in all material respects including but not limited to: (a) the form and nature of the Site (including, inter-alia, the surface and subsurface conditions and geo-technical factors);	It may be difficult for any prudent Bidder to examine the Site of works and other factors in such short period of time. It is requested to delete Cl. 4.11.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
55	Clause 6.1 of Article 6 of EPC Document	Disclaimer	<p>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. Save as provided in Clause 3.1 and Clause 5.2, the Authority makes no representation whatsoever, express, implicit or otherwise, regarding the accuracy, adequacy, correctness, reliability and/or</p>	<p>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.</p>	<p>As per RFP</p>



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			completeness of any assessment, assumptions, statement or information provided by it and the Contractor confirms that it shall have no claim whatsoever against the Authority in this regard.		
56	Clause 6.1 (iii) of Article 6 of EPC Document	Disclaimer	The Contractor acknowledges and hereby accepts the risk of inadequacy, mistake or error in or relating to any of the matters set forth in Clause 6.1 (I) above and hereby acknowledges and agrees that the Authority shall not be liable for the same in any manner whatsoever to the Contractor, or any person claiming through or under any of them, and shall not lead to any adjustment of Contract Price or Scheduled Completion Date.	At the bidding stage, the bidder is not in a position to conduct detailed assessment due to various constraints; 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
57	Clause 7.1 B of Article 7 of EPC Document	Performance security	The Performance Security shall be valid until 60(sixty) days after the Defects Liability Period. The Additional Performance Security shall be valid until 28 (twenty-eight) days after Project Completion Date	As required by the stipulation of this provision the successful bidder would be obligated to keep the Performance security valid for 13.5 years. It is requested the validity of Performance Security to be up to issuance of the Completion Certificate.	As per RFP



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
58	Clause 7.3 of Article 7 of EPC Document	Appropriation of performance security	Upon occurrence of a Contractor's Default, the Authority shall, without prejudice to its other rights and remedies hereunder or in law, be entitled to encash and appropriate the relevant amounts from the Performance Security as Damages for such Contractor's Default	Bidder requests to delete this provision.	As per RFP
59	Clause 7.4 (i) (ii) of Article 7 of EPC Document	Performance security	The Authority shall return the Performance Security to the Contractor within 60 (sixty) days of the expiry of the Maintenance Period or the Defects Liability Period, whichever is later, under this Agreement. Notwithstanding the aforesaid, the Parties agree that the Authority shall not be obliged to release the Performance Security until all Defects identified during the Defects Liability Period have been rectified. 40 (ii) The Authority shall return the Additional Performance Security to the Contractor within 28 (twenty-eight) days from the date of issue of Completion Certificate under Article 12 of this Agreement.	It is requested to release Performance Security to the Contractor upon issuance of the Completion Certificate.	As per RFP



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
60	Clause 7.5 (ii) of Article 7 of EPC Document	Retention Money	Upon occurrence of a Contractor's Default, the Authority shall, without prejudice to its other rights and remedies hereunder or in law, be entitled to appropriate the relevant amounts from the Retention Money as Damages for such Contractor's Default.	Bidder requests to delete this provision.	As per RFP
61	Clause 8.2 (i) of Article 8 of EPC Document	Procurement of the Site	The Authority Representative and the Contractor shall, within 10 (ten) days of the date of this Agreement, inspect the Site and prepare a Handover Memorandum containing an inventory of the Site including the vacant and unencumbered land, buildings, structures, road works, trees and any other immovable property on or attached to the Site....	Bidder requests to provide current status of land under the possession of the Authority.	As per RFP
62	Clause 8.3 of Article 8 of EPC Document	Right of way	In the event the Right of Way to any part of the Site is not provided by the Authority on or before the date(s) specified in Clause 8.2 for any reason other than Force Majeure or breach of this Agreement by the Contractor, the Authority shall pay Damages to the Contractor a sum calculated in accordance with the following formula for and in	Bidder request to provide damages as per actuals since the consequences for delay caused by action of one party cannot be imposed on other. The formula prescribed in Clause 8.3 (i) does not compensate the contractor actual damages incurred on account of delay in providing Right of way. The compensation calculated in terms of the given formula is very less as compared to actual cost incurred hence it is requested to provide damages as per actuals.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
63	Clause 8.4 of Article 8 of EPC Document	Right of way	Subject to the provisions of Clause 8.2, the Site shall be made available by the Authority to the Contractor pursuant hereto free from all Encumbrances and occupations and without the Contractor being required to make any payment to the Authority because of any costs, compensation, expenses and charges for the acquisition and use of such Site for the duration of the Project Completion Schedule. For the avoidance of doubt, it is agreed that the existing rights of way, easements, privileges, liberties and appurtenances to the Site shall not be deemed to be Encumbrances. It is further agreed that, unless otherwise specified in this Agreement, the Contractor accepts and undertakes to bear any and all risks arising out of the inadequacy or physical condition of the Site.	Bidder requests to modify the clause as below: Subject to the provision of cl 8.2..... For the avoidance of doubt, It is agreed that the existing rights of way, easements, privileges liberties and appurtenances to the Site shall not be deemed to be Encumbrances as long as it does not adversely affect Construction and Maintenance of the Project.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
64	Clause 9.2 of Article 9 of EPC Document	Utilities and trees	<p>The contractor shall, subject to Applicable Laws and with assistance of the Authority, undertake shifting of any utility (including electric lines, water pipes and telephone cables), to an appropriate location or alignment, if such utility or obstruction adversely affected the execution of works or maintenance of the project Highway in accordance with this Agreement, as per the scope given in Schedule B and in accordance with applicable standards and specifications of concerned utility owning entity. The cost of shifting of such utilities indicated in Schedule B is payable to the Contractor as per Schedule H. Cost of shifting utilities not included in the Schedule B, if any, shall be treated as Change of Scope. The Authority will provide assistance to the Contractor for obtaining the estimates for shifting of such utilities from the entity owning such electric lines, water pipes or telephone cables, as the case may be. The Contractor shall execute</p>	<p>Bidder request to provide the status of sanction of utility shifting estimates by the competent authority of the Authority and also the status of deposition of the supervision charges. In the event of any delay in such shifting by the entity owning the utility for the reasons not attributable to the contractor, the Contractor shall be entitled to Damages in a sum calculated in accordance with the formula specified in Clause 8.3.1 for the period of delay, 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;</p>	<p>As per RFP</p>

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			<p>such utility shifting works under the supervision of utility owning agency and Authority Engineer (AE) in accordance with the provision of agreement. The supervision charges only shall be paid by the Authority to the Utility Owning Entity. In the event of any delay in shifting thereof, the Contractor shall be responsible for failure to perform any of its obligations here under if such failure is not as a direct consequence of delay on the part of the entity owning such electric lines, water pipes or telephone cables, as the case may be. The dismantled material/scrap of existing Utility to be shifted dismantled shall belong to the Contractor who would be free to dispose-off the dismantled materials as deemed fit by them. The work of shifting of utilities can be taken up by the Contractor any time after signing of the Agreement</p>		



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
65	Clause 9.4 of Article 9 of EPC Document	Felling of treesThe cost of such felling shall be borne by the Authority and in the event of any delay in felling thereof for reasons beyond the control of the Contractor; it shall be excused for failure to perform any of its obligations hereunder if such failure is a direct consequence of delay in the felling of trees.	Request you to provide the payment mechanism for felling of trees.	As per RFP
66	Clause 9.5 of Article 9 of EPC Document	Dismantling of the structures	The Contractor shall at its own cost dismantle the structures in the acquired lands including those on Patta lands, Abadi lands, assigned lands, etc. the compensation for which, was paid by the Authority to the land owners and the lands were handed over to the Contractor as per Schedule B-I. The Contractor shall, at its own cost, dispose of the dismantled material in its sole discretion as deemed appropriate, while complying with all environmental guidelines and regulations and clear the Site for undertaking construction. In the event of any delay in dismantling of structures thereof for reasons beyond the control of the Contractor, the Contractor shall be entitled to	Bidder understands that 100% compensation has already been paid by the Authority to all concerned land & structure owners and the Contractor can commence dismantling works immediately. Bidder request to provide damages as per actuals since the consequences for delay caused by action of one party cannot be imposed on other. The formula prescribed in Clause 8.3 (i) does not compensate the contractor actual damages incurred on account of delay in dismantling of structures. The compensation calculated in terms of the given formula is very less as compared to actual cost incurred hence it is requested to provide damages as per actuals.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			Damages in a sum calculated in accordance with the formula specified in Clause 8.3 (i) for the period of delay, and to the 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 involve any time overlaps, the overlaps shall not be additive.		
67	Clause 9.6 of Article 9 of EPC Document	Development Period	The Contractor may commence pre-construction activities like utility shifting, boundary wall construction or any other activity assigned to the Contractor by the Authority to enable construction of the Project Highway immediately after signing of the Agreement, to the extent that such work is ready for execution. The Parties agree that these works may be taken up and completed to the extent feasible by the Contractor, before declaration of the Appointed Date, but no claim against the Authority for delay shall survive during this period and that the undertaking of these works by the Contractor shall not count towards the	It is understood that Authority must have acquired sufficient land and shall provide complete details along with applicable permit for felling of trees latest by the date of signing of Agreement so that dismantling of structures, shifting of utilities, felling of trees, etc. could be taken-up by the Contractor at the earliest convenience.	As per RFP



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			Scheduled Construction Period of the project which starts counting only from the Appointed Date. No construction activity of the Project Highway shall be undertaken during the development period		
68	Clause 10.2 (iv) (c) of Article 10 of EPC Document	Design and Drawings	within 15 (fifteen) days of the receipt of the Drawings, the Authority's Engineer shall review the same and convey its approval/ observations to the Contractor with particular reference to their conformity or otherwise with the Scope of the Project and the Specifications and Standards. Provided, however that in case of a major bridge or structure, the aforesaid period of 15 (fifteen) days may be extended up to 30 (thirty) days;	We request you to reduce the review period of drawings for major bridge or structures to 21 days from 30 days. What if the Authority's Engineer does not review/ convey its observations and /or approve the designs and drawings within the stipulated timeline?	As per RFP
69	Clause 10.2 (v) of Article 10 of EPC Document	Design and Drawings	Any cost or delay in construction arising from review/approval by the Authority's Engineer shall be borne by the Contractor	Bidder request for deletion of this condition. The delay caused by actions of one party cannot be imposed on other party. As the timely approval from Authority will be the major aspect for completion of GFC Drawings The delay shall be compensated to the contractor on both time and cost.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
70	Clause 10.5 (iv) of Article 10 of EPC Document	Extension of time for completion	The Authority's Engineer shall, on receipt of the claim in accordance with the provisions of Clause 10.5 (ii), examine the claim expeditiously within the time frame specified herein. In the event the Authority's Engineer requires any clarifications to examine the claim, the Authority's Engineer shall seek the same within 15 (fifteen) days from the date of receiving the claim. The Contractor shall, on receipt of the communication of the Authority's Engineer requesting for clarification, furnish the same to the Authority's Engineer within 10 (ten) days thereof. The Authority's Engineer shall, within a period of 30 (thirty) days from the date of receipt of such clarifications, forward in writing to the Contractor its determination of Time Extension. Provided that when determining each extension of time under this Clause 10.5, the Authority's Engineer shall review previous determinations and may increase, but shall not decrease, the total Time Extension.	Bidder understand that pending the determination of Contractor's request for extension of time, no deduction of damages and/ or no restriction on price adjustment shall be affected by the Authority.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
71	Clause 10.6 of Article 10 of EPC Document	Extension of time for completion	In the event the Contractor fails to complete the Works in accordance with the Project Completion Schedule, including any Time Extension granted under this Agreement, the Contractor shall endeavour to complete the balance work expeditiously and shall pay Damages to the Authority in accordance with the provisions of Clause 10.3 (ii) for delay of each day until the Works are completed in accordance with the provisions of this Agreement. Recovery of Damages under this Clause shall be without prejudice to the rights of the Authority under this Agreement including the right to termination under Clause 23.1	The Bidder understand, the Contractor shall be liable to pay damages only in case if the delays are due to Contractor's defaults.	As per RFP
72	Clause 13.1 (ii) of Article 13 of EPC Document	Change of scope	Provided that any such Change of Scope, excluding major structures (e.g. Major Bridge/ ROB/ RUB/ Flyover/ elevated road of more than 50 m length) may be required and agreed to be executed between the parties beyond the period of six months of the Appointed Date but before expiry of 50% of the original Scheduled Construction Period of the Project	After detailed survey of works, the original scope of works may be required to undergo changes according to site conditions and other reasons. Such change of scope may be required to be undertaken any time after the Appointed Date and up to issuance of completion certificate. Hence, capping period of six months or 90 days from the Appointed Date or before expiry of 50% of scheduled completion date for determining/ referring any change of scope required shall be deleted.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			Highway, subject to the condition that it shall not entail any claims (e.g. Extension of Time/ Prolongation related claims), against the Authority.		
73	Clause 13.4 (ii) of Article 13 of EPC Document	Change of scope	The total value of all Change of Scope Orders shall not exceed 10% (ten per cent) of the Contract Price	Bidder requests that the capping of 10% of the Contract Price for issuance of variation orders shall be increased to at least 40% of the Contract Price Such increase in limit of variation order would be better from administrative point of view also.	As per RFP
74	Clause 14.1 (i) of Article 14 of EPC Document	Maintenance Obligations of the Contractor	The Contractor shall maintain the Project Highway for a period of 10 (ten) years, corresponding to the Defects Liability Period, commencing from the date of the Completion Certificate (the "Maintenance Period").	Bidder request to reduce the Maintenance Period to 3 Years from the date of the Completion Certificate.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
75	Clause 14.5 (ii) of Article 14 of EPC Document	Lane closure	Upon receiving the permission pursuant to Clause 14.5 (i), the Contractor shall be entitled to close the designated lane for the period specified therein, and for all lane closures extending a continuous period of 48 (forty-eight) hours, the Contractor shall, in the event of any delay in re-opening such lane, for every stretch of 250 (two hundred and fifty) meters, or part thereof, pay Damages to the Authority calculated at the rate of 0.1% (zero point one per cent) of the monthly maintenance payment for each day of delay until the lane has been re-opened for traffic. In the event of any delay in re opening such lanes or in the event of emergency decommissioning and closure to traffic of the whole or any part of the Project Highway due to failure of the Contractor, the Contractor shall pay damages to the Authority at double the above rate, without prejudice the rights of the Authority under this Agreement including Termination thereof.	The Bidder request to delete the Damages provision in the clause.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
76	Clause 17.1 (i) of Article 17 of EPC Document	Defects Liability Period	The Contractor shall be responsible for all the Defects and deficiencies, except usual wear and tear in the Project Highway or any Section thereof, till the expiry of a period of commencing from the date of Completion Certificate (the "Defects Liability Period") as specified below: (d) 10 (ten) years from the date of completion in case of all stand-alone structures, e.g. Major Bridges/ and Tunnels;	Bidder request to reduce the Defects Liability Period to 3 years from the Completion Certificate.	As per RFP
77	Clause 18.2 (i) of Article 18 of EPC Document	Duties and authority of the Authority's Engineer	The Authority's Engineer shall perform the duties and exercise the authority in accordance with the provisions of this Agreement and substantially in accordance with the terms of reference ("Terms of Reference" or "TOR") set forth in Annexure- I of Schedule N, but subject to obtaining prior written approval of the Authority before determining: (a) any Time Extension	Bidder request prior approval of the Authority to determination of Authority's Engineer as required under this provision may be issued by Authority in reasonable time and within 15 days from such determination of Authority's Engineer.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
78	Clause 19.11 of Article 19 of EPC Document	Restrictions on price adjustment	Price adjustment shall be due and payable only in respect of the stages of Works for which the Stage Payment Statement has been submitted by the Contractor no later than 30 (thirty) days from the date of the applicable Project Milestone or the Scheduled Completion Date, as the case may be, including any Time Extension granted therefore in accordance with the provisions of this Agreement. For the avoidance of doubt, in the event of submission of any Stage Payment Statement after the period specified herein, price adjustment shall be applicable until the date of the respective Project Milestone or the Scheduled Completion Date, as the case may be.	Bidder understand that this condition will not apply in case the Contractor's application for Time Extension is under review and determination is awaited.	As per RFP
79	Clause 21.6 of Article 21 of EPC Document	Force Majeure	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	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 compensation to the contractor on occurrence of Non-political and Indirect political event	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			<p>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 (c) upon occurrence of a Political Event, all Force Majeure costs attributable to such Political Event shall be reimbursed by the Authority to the Contractor. (d) For the avoidance of doubt, Force Majeure costs may include costs directly attributable to the Force Majeure Event, but shall not include debt repayment obligations, if any, of the Contractor.</p>		

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km.88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
80	Clause 26.2 of Article 26 of EPC Document	Conciliation	In the event of any Dispute between the Parties, either Party may call upon the Authority's Engineer, or such other person as the Parties may mutually agree upon (the "Conciliator") to mediate and assist the Parties in arriving at an amicable settlement thereof. Failing mediation by the Conciliator or without the intervention of the Conciliator, either Party may require such Dispute to be referred to the Chairman of the Authority and the Chairman of the Board of Directors of the Contractor for amicable settlement, and upon such reference, the said persons shall meet no later than 7 (seven) business days from the date of reference to discuss and attempt to amicably resolve the Dispute. If such meeting does not take place within the 30 (thirty) business day period.....	For the avoidance of doubt, it is to be clarified that in any event; the conciliation process by way of a settlement/ decision under this provision shall be concluded maximum within 30 days of the date of reference of disputes; beyond which either party can trigger arbitration in accordance with cl 26.3.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
81	Clause 26.3 of Article 26 of EPC Document	Arbitration	Any dispute which remains unresolved between the parties through the mechanisms available/ prescribed in the Agreement, irrespective of any claim value, which has not been agreed upon/ reached settlement by the parties, will be referred to the Arbitral Tribunal as per the Arbitration and Conciliation Act.	The Bidder understands that the Arbitration to be carried out on Ad-hoc basis by a board of Arbitrators comprising of three members. Each party shall nominate one Arbitrator and the nominated Arbitrators shall appoint the Presiding Arbitrator. The Arbitration shall be governed by the provisions of the Arbitration and Conciliation Act 1996 and any amendments thereof. the Arbitration proceedings shall be in English. The seat and venue of the Arbitration shall be New Delhi.	As per RFP
82	EPC Document	General	-	It is requested to incorporate a suitable provision for suspension upon Authority's Default under Article 22.	As per RFP
83	Clause 17 of Schedule B (Annexure A1) of EPC Document	Change of scope	The length of Structures and bridges specified here in above shall be treated as a minimum requirement. 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.	bidder requests any such variations in the lengths shall necessarily constitute a variation and to be determined in accordance with the variation provisions under the contract	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
84	Clause 12.2 of Schedule B (Annexure A1) of EPC Document	Change of scope-RE Wall	Any additional length and/or Height of RE wall required as per site requirement shall not constitute as Change of Scope, save and except any variations arising out of a Change of Scope expressly undertaken in accordance with the provisions of Article13		
85	Clause 12 of Schedule E of EPC Document	Payment for Bridge health Monitoring System (BHMS):	Payment for Bridge health Monitoring System (BHMS): Only 70% of the total estimated cost of the BHMS has been provisioned in the Schedule-H for payment on completion of work after installation and Testing. The remaining 30%, as calculated by proportionality, shall be made during maintenance period per year equally on pro rata basis. For Avoidance of doubt, an amount of ₹ 3,99,95,500.00 (excl. GST) is the estimated cost of BHMS in the DPR. However, in the cost put to tender, an amount of ₹ 2,79,97,000.00 (excl. GST), (70% of 3,99,95,500.00), has been taken for payment on completion, as per Schedule-H. The remaining payment for an amount of Rs.	bidder requests to modify this provision such that, the payment towards BHMS shall be done on Completion of control room with control system.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			₹1,19,98,500.00 (excl GST) [3,99,95,500.00-2,79,97,000.00] shall be made during maintenance period per year equally on pro rata basis. However, the same shall be adjusted as per Tender Premium / Discount		
86	Annex IV (Schedule A) (Bid Document Volume III)	Clearance	The project highway/ Bridge is passing through green field alignment. The Project Highway / Bridge is less than 100km length and the Right of Way or land acquisition is less than 60m on new alignment. Therefore, as per the amendments issued to EIA Notification, 2006 amended vide Notification S.O 2559(E), Dt. 22.08.2013, environmental and forest clearance is not required.	Project is greenfield, with lot of forests, temples, protected areas. According to EPC agreement, no environmental clearance is required. But does the contractor need any additional approvals or clearances to avoid stoppage of works by local authorities?	As per RFP
87	General	-	-	The ends chainages are not easily accessible by roads. Are there any active waterways to reach from end of the alignment to the other? Can the contractor build any temporary access bridges/ structures/ waterways for logistic movement across the river?	As per RFP. Bid cost should inclusive of all permanent works as well as temporary work etc. The responsibility of accessibility to the site lies with the Contractor.
88	Clause 10 of Annex I (Schedule B) (Bid	COMPULSORY AFFORESTATION	Compulsory afforestation should be provided as per IRC: SP:21-2009 and as per demand of forest department as per Forest Conservation Act.	Is the compulsory afforestation only to supplement the temporary land use? Or any additional requirement can come in from forest department? Kindly define the scope of afforestation.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
	Document Volume III)				
89	General	-	-	What is the design life of the bridge?	As per latest IRC provision
90	Annex I (Schedule B1) (Bid Document Volume III)	Utility Shifting	The Details of the Utilities requiring to be shifted is given as under: NIL	As per Schedules, there are no existing utilities. In case of new utilities, cost of damages to existing permanent structures to be borne by Authority but at price decided by AE. Kindly clarify: a. Does Contractor have any say in the price? b. Are only immediate damages are covered, or can the contractor factor in long term impacts which affect DLP and O&M?	As per RFP
91	Clause 19.1 of Article 19 of EPC Document	Price adjustment	-	For Price variation, indices of Telangana are considered. Kindly clarify does it covers the indices of Andhra Pradesh.	As per RFP.
92	General	-	-	Kindly clarify if any ambiguities in taxation policies are there between the 2 states. How will transfer of materials within site, movement of conveyance vehicles, be addressed across the border?	As per RFP. Taxes as applicable for respective state shall be payable by the contractor.
93	General	-	-	If adjoining packages are not completed timely, will that impact handover and commissioning of this project?	This is standalone project and shall not be interlinked with other packages.
94	General	-	-	Kindly provide details on construction requirements of the operator's control room for the operation of BHMS	As per RFP in consultation and approval of the PMC/AE

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
95	Clause 14.1 & 19.1 (iii) of Article 14 & 19 of EPC Document	Maintenance Price Adjustment	Last para reads: Above amount for the performance of Contractors' Maintenance obligations shall be, inclusive of all taxes. The amount payable for maintenance shall be adjusted to reflect any increase or decrease arising out of variation in WPI to be determined in accordance with the provisions of Clause 19.12. It is further agreed that the Contract Price hereunder shall be reckoned with reference to the amount specified in Clause 19.1 (i), which shall be adjusted to the extent of Change of Scope and the works withdrawn under the provisions of Clause 8.3 (iii), but shall not include any price adjustments in pursuance of Clause 19.10.	Consideration for Maintenance obligation is inclusive of all taxes and duties. Please clarify whether the consideration for Maintenance obligation will be adjusted for increase / decrease in cost due to change in Law happens during the contractual period of Maintenance.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
96	Clause 3.1 of Schedule P of EPC Document	Insurance against injury to persons and damage to property	The Contractor shall insure against its liability for any loss, damage, death or bodily injury, or damage to any property (except things insured under Paragraphs 1 and 2 of this Schedule or to any person (except persons insured under Clause 20.9), which may arise out of the Contractor's performance of this Agreement. This insurance shall be for a limit per occurrence of not less than the amount stated below with no limit on the number of occurrences. The insurance cover shall be not less than: Rs. [*****]	Please provide the minimum insurance coverage amount.	As per RFP
97	Clause 19.2 of Article 19 of EPC Document	Advance Payment	Advance Payment Clause has been deleted	Bidder Request the Authority to make Advance Payment equal to 10% of Contract price an interest free advance to facilitate mobilisation and initial cash flow.	As per RFP
98	Clause 7.5 (i) of Article 7 of EPC Document	Retention Money	From every payment for Works due to the Contractor in accordance with the provisions of Clause 19.5, the Authority shall deduct 6% (six percent) 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	The Authority is requested to consider permitting replacement of monthly cash retention deductions with an equivalent upfront Bank Guarantee.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			amount of Retention Money shall not exceed 5% (five per cent) of the Contract Price.		
99	Clause 7.5 (ii) of Article 7 of EPC Document	Retention Money	Upon occurrence of a Contractor's Default, the Authority shall, without prejudice to its other rights and remedies hereunder or in law, be entitled to appropriate the relevant amounts from the Retention Money as Damages for such Contractor's Default.	Bidder requests to delete this provision	As per RFP
100	Clause 26.3 (v) of Article 26 of EPC Document	Dispute resolution	This provision relating to Conciliation under the Arbitration and Conciliation Act, 1996 shall cease to apply once the provisions relating to substitution of conciliation process by mediation are notified under Mediation Act, 2023. Thereafter "Conciliation" herein be referred to as Mediation as per the provisions of the Mediation Act 2023.	The Bidder understands that upon notification under the Mediation Act, 2023 , references to "Conciliation" shall be substituted with "Mediation". It is further understood that mediation is voluntary , and either Party may exit the process if no settlement is reached within a reasonable period of 30 days from the date of the first meeting . Please confirm if this understanding is correct.	As per RFP
101	Clause 26.3 (vi) of Article 26 of EPC Document	Dispute resolution	Notwithstanding anything to the contrary contained in the Agreement, it is agreed that any Dispute between the Parties the sum of which is of value equal to or above Rupees 10 Crores shall not be referred to Arbitration.	The Authority is requested to reconsider this restriction and permit arbitration for disputes exceeding INR 10 Crores, in line with FIDIC standards and prevailing infrastructure contracting practices.	As per RFP



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
102	General	Temporary access Road	-	Are temporary access roads to the A1 and A2 locations allowed within the ROW on both river banks, or can access be taken through non-ROW areas?	As per RFP
103	Schedule A of EPC Document	Maritime clearance	-	Please confirm whether the clearance is applied by the customer & the current status of maritime Clearance.	As per RFP
104	Clause 7.3.8 of Schedule-B Annex-I (Bid Document Volume-III)	Drainage system for bridge decks	The arrangement shall take away the runoff water away from the super structure and sub-structure to avoid corrosion.	Considering the zero longitudinal gradient and aesthetic requirements of this iconic bridge spanning a perennial river, the Contractor proposes installing sprinklers that activate at the soffit level near each drainage spout for enhanced effectiveness. Kindly confirm acceptability.	As per RFP
105	Clause 1.1.2 of Schedule-B Annex-II (Bid Document Volume-III)	Specification for Digital Twin	Therefore, there is requirement of preparation of the digital twin of the cable stay bridge which is subjected to instrumentation for continuous monitoring of the design and in-service parameters.	To enable accurate costing in the bid, please provide the detailed specifications for the required digital twin, including scope (e.g., BIM/FEM integration, sensor requirements, real-time monitoring parameters), deliverables, and performance criteria.	As per RFP
106	Clause 1.1.3 of Schedule-B Annex-II (Bid Document Volume-III)	Remote Control Room of BHM/Digital Twin	The instrumentation with digital twin provides a versatile platform for remote monitoring of structures on a wide range of structural quantities; examples include but not limited to; strain (stress), vibration, tilt, inclination, temperature, humidity etc.	Please provide the location of the remote monitoring structure/control room. Additionally, as this is an EPC contract, the Contractor assumes this control room is not included in the Contract scope. Kindly confirm.	As per RFP in consultation and approval of the PMC/AE

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
107	Clause 2 of Schedule-D (Bid Document Volume-III)	Proof Consultant	The Authority shall appoint a proof check consultant (the "Proof Consultant") before the Appointed Date.	Please provide the design review and approval cycle to be followed for this project, noting that the appointment of the Proof Consultant is undertaken by the Authority's Engineer.	As per RFP
108	Clause 2.1.1 of Schedule-D Annex-II (Bid Document Volume-III)	Bridge Pylon Geometry	The bridge has 2 Pylons, one falling in each state. The Bridge Pylon is conceptually designed by abstracting the geometry of Traditional South Indian temple Gopurams. The Shape, Geometry and the Proportions of the Pylon given in the EPC schedules shall not be changed.	As this is an EPC contract, the Contractor assumes that the dimensioning of the pylon (including ties, width, and depth) will be determined based on their detailed design, while maintaining the architectural intent of the tender documents and ensuring full compliance with applicable design codes. Kindly confirm.	As per RFP
109	Clause 2.1.4 & 2.1.5 of Schedule-D Annex-II (Bid Document Volume-III)	Architectural Drawing and Specifications of Gopuram form	The Middle Section: This section is made to look likes stories of temple Gopuram, with reducing portions as shown in the drawings. The Upper Section: This section shall depict the Top of a Gopuram, and shall be made in Formed finished RCC, in shape like a Barrel with series of 3D domical Finials made out to form finished concrete, similar to the temple finials of Somasila and Someshwara temples, and as shown in the GADs.	To enable accurate costing in the bid, please provide the architectural drawings and detailed specifications for these features, including material schedules, finishes, and fabrication details.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
110	Clause 10.10 (v) of Article 10 of EPC Document	LOD Requirement	Architectural designing, planning, proof checking, making of drawings, 3D Modelling on any BIM applications with minimum LOD 500 & 7 dimensions (7D) and IFC format of the same shall be made available for interoperability of building information to all stake holders of the project. The 3D architectural BIM model information (s) shall be used for structural, MEP services and Horticulture design. The comprehensive BIM model with minimum LOD 500 of project shall have all the architectural, structural, horticulture and MEP services elements.	Please modify the BIM LOD requirement to LOD 400 (covering structural components including all reinforcement and bridge furniture), as LOD 500, 7D modelling, and horticulture design are not established industry practices for bridge projects. Kindly modify.	As per RFP
111	Clause 10.10 (vi) of Article 10 of EPC Document	BIM	The level of detail in BIM to be done as under: Minimum LOD-500 Level corresponding to "Good for Construction" drawings prepared by EPC contractor for actual execution after award of work by the Authority.	To enable accurate costing in the bid, please provide the detailed specifications for the required LOD 500 (Level of Development), including specific elements with data requirements.	As per RFP
112			Similar work		

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
	Clause no – 2.2.2.2 (iii) of RFP Document		(iii) For Stand-alone specialized projects:	Considering the eligibility criteria as a joint venture, any one member, i.e., the Indian contractor, fulfils 60% of the financial and technical eligibility, and the other member, i.e., the foreign contractor, fulfils a similar work experience. In that condition, if the first member is capable of executing this project, then we request you to please give preference to the Indian contractor as the lead member. This is a special iconic project for our national record; the Indian contractor will be a better competitor and beneficiary for our nation. So, we request you to allow similar work by the sole bidder or any member in case the bidder is a joint venture instead of a lead member.	As per RFP
			<p>(a) Major Bridges/ROB/Flyover projects: The sole Bidder or in case the Bidder being a Joint Venture, Lead Member of Joint Venture shall have completed similar Major Bridge/ROB/Flyover project with Cable stayed structural arrangement / suspension / combination (cable stayed and suspension) thereof in the last 10 (Ten) financially years preceding the Bid Due Date or till the Bid due date, having single span equal to or greater than 150 m and length of bridge equal to or greater than 346 m and also the cost of such similar project shall be at least</p> <ul style="list-style-type: none"> • two similar completed works not less than Rs. 400 crores (Rs. Four Hundred four Crore only). Or • one similar completed work not less than Rs. 500 Crore 		

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
113	Clause no – 2.2.2.2 (iii) (a) ii of RFP Document	-	Experience for “Design Director”:	<p>The designs are submitted in the name of the firm, and individual experience certificates explicitly mentioning the Design Director’s name are not always issued, despite direct and substantial involvement in such projects. This creates difficulty in demonstrating compliance, even though the professional may genuinely possess the requisite experience.</p> <p>Clarification Sought: The bidder requests the Authority to clarify:</p> <p>Whether the Design Director’s experience may be demonstrated through employer-issued certificates, project credentials of the firm, or self-declaration supported by role descriptions;</p> <p>Whether experience gained while working in previous organizations, where project authorship is not individually certified, will be considered acceptable; and</p> <p>What acceptable modes of proof (e.g., organization certificate, affidavit, project lists countersigned by employer) may be submitted to establish compliance with the eligibility requirement.</p> <p>This clarification is requested to ensure practical applicability of the eligibility criteria and to avoid exclusion of suitably experienced professionals due to documentation limitations.</p>	As per RFP
		-	<p>ii) Where the Bidder proposes to engage a Design Director from an external Consultant, such Design Director shall have proven experience in the design of at least one Cable-Stayed Bridge, Suspension Bridge, or Combined Cable-Stayed and Suspension Bridge having a minimum span of 200 meters. In such cases, the Bidder shall submit, along with the Bid, an Internal Memorandum of Understanding (MoU) executed with the Consultant, clearly stipulating that the Design Director shall be jointly and severally liable along with the Bidder for any failure arising out of design deficiencies or defects. In all cases, whether the Design Director is in-house or externally engaged, the Curriculum Vitae (CV) of the proposed Design Director, detailing relevant experience, shall be submitted as part of the Bid.</p>		

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
114	Clause 6 of RFP Document	-	Date of Submission – 16/01/2026	This is a special type of structure, it requires a lot of time for preliminary design for quotes. Designers are asking for more time. Hence, we request to extend the date of submission by minimum 1 month from the CSD upload.	As per RFP
115	Clause 9 of RFP Document	-	Estimated Cost – Rs. 816.10 crore (Excluding GST)	We presume that the estimated cost appears to be comparatively low and does not seem to have been derived considering the complexity, construction methodology, and risk factors involved. We require to revisit and suitably revise the estimate.	As per RFP
116	Clause 2.2.2.1 f of RFP Document	-	Original BG to be submitted physically as well within 7 days from the Bid due date	Please clarify hard copy submission time.	As per RFP. Clauses are ample clear
	Clause 2.1.1.3 of RFP Document	-	The documents listed at clause 2.1.1.2 shall be submitted online, and the bidders has to submit the original documents and along with Original Bank Guarantee towards Bid Security physically with the concerned authority within 7 days of bid due date at any of the addresses mentioned at 2.1.1.4.		
117	Clause 2.2.2.1 Note 3 of RFP Document	-	The factor for the year for updation to the price level shall be determined based on the Cost Inflation Index (CII) / linking factor as notified by the Income Tax		



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			Department of India. The applicable index shall be as published on the official Income Tax website: https://incometaxindia.gov.in/charts%20%20tables/cost-inflation	We request authority to kindly provide latest updation factor to the price level as per general practice of MoRTH guidelines.	As per RFP
	Clause 2.2.2.2. (iv) of RFP Document	-	The updation factor for revising the cost of eligible projects to the relevant year shall be determined based on the Cost Inflation Index (CII) / linking factor as notified by the Income Tax Department of India. The applicable index shall be as published on the official Income Tax portals https://incometaxindia.gov.in/charts%20%20tables / cost inflation index.htm		
	Clause 2.2.2.3 (ii) of RFP Document	-	The Bidder shall have a minimum Average Annual Turnover for the last 5 (five) financial years (updated to the price level of the year based on the Cost Inflation Index (CII) / linking factor as notified by the Income Tax Department of India) of 20% (Twenty percent) of the Estimated Project Cost of the project for which bids are being invited. (i.e. Rs. 163.2 Cr.)		



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
118	Clause 2.2.1. (c) (i) of RFP Document	-	Bidder, its Joint Venture Member (or any constituent thereof) and any other Bidder, its Member or any Member of its Joint Venture thereof (or any constituent thereof) have common controlling shareholders or other ownership interest; provided that this disqualification shall not apply in cases where the direct or indirect shareholding of a Bidder, or its Joint Venture Member thereof (or any shareholder thereof having a shareholding more than 5% (five percent) of the paid up and subscribed share capital of such Bidder, or its Joint Venture Member, as the case may be), in the other Bidder, its Joint Venture Member is less than 5% (five percent) of the subscribed and paid up equity share capital thereof; provided further that this disqualification shall not apply to any ownership by a bank, insurance company, pension fund or a public financial institution referred to in section 4A of the Companies Act 1956.	Request to kindly clarify this clause.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
119	Clause 1.2.4 of RFP Document	-	The Bidders shall also make online payments towards Cost of Tender Document of Rs. 1,00,000/- (Rupees One Lakh only), and also towards payment of GST of Rs. 18,000/- (Rs. Eighteen Thousand only) (payable to Regional Pay and Accounts Officer, MoRTH, Hyderabad).	Kindly provide details of GST No. for Rs. 18,000/- to Accounts Officer, MoRTH, Hyderabad.	As per RFP
120	Clause 2.21.1. iv of RFP Document	-	Additional Performance Security	This clause taken by 2 times and contradictory Please clarify this clause "Where the bid price is 20% or more below...."	As per RFP
	Clause 2.21.1. v of EPC Document	-	Where the bid price is 20% or more below the project cost put to bid, the Additional Performance Guarantee/Security percentage shall be incremented by 0.2% for every percentage of bid price below 20% of the project cost put to bid, in addition to 1% of the bid price and this additional performance guarantee percentage shall be applied on the bid price.		
121	Clause No. 14.1 (d) of EPC Document	-	Article 14 – Maintenance	Considering this is an Iconic Cable Stayed Bridge and Suspension Bridge structure which includes special items like stay cables, steel girders, Tuffen Glass, etc., having more critical and costly maintenance. So we request you to	As per RFP
		-	The Contractor shall maintain the Project Highway for a period of 10 (ten) years.		

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
		-	For stand-alone Bridge/Tunnel works: the contractor shall be paid @ 0.25% of the Contract Price each year for the first five years and @ 0.50% of the Contract Price each year for the remaining period of five years.	please allow maintenance cost to be 5% of contract cost instead of 3.75%.	
122	Clause No. 14.1 (d) of EPC Document	-	Health Monitoring System	Too much cost impact due to special requirements mentioned in the tender and 10 years of maintenance which is above 10 Cr. Please confirm if this cost is considered in Estimate.	As per RFP. Quoted Bid price shall include cost of BHMS.
123	Clause No. 19.10(ii) of EPC Document	-	<p>Article 19 – Contract Price</p> <p>The Contract Price includes all duties, taxes, royalty, cess, charges, and fees that may be levied in accordance with the laws and regulations in force as on the Base Date on the Contractor's equipment, plant, materials, and supplies and services performed under this Agreement. Nothing in this Agreement shall relieve the Contractor from its responsibility to pay any tax including any tax that may be levied in India or profits made by it in respect of this Agreement.</p>	As per RFP Clause No. 1.1.1 Estimated Project Cost (in Rs. Cr.) excludes GST, but Article 19 does not mention regarding GST. So we request you to please amend this clause.	Refer Corrigendum No. 01

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
124	Clause No. 19.10(ii) of EPC Document	-	Article 19 – Contract Price		
			The Contract Price also includes the cost of shifting of obstructing utilities (including all expenses as applicable by the utility owning department except supervision charges) as given in Clause 9.2 and Schedule B.	As per Schedule–B1 (See 05 of Annex–I to Schedule–B) Utility Shifting – The shifting of utilities and felling of trees shall be carried out by the Contractor. The cost of the same shall be borne by the Authority. The details of utilities are attached in Annex–I to Schedule–B1. The Contractor has to verify & shift all the utilities on the Project Site under the supervision of Utility Department / Agency on any provision considered in Schedule–B, so please clarify.	The bid price is inclusive of all surface utilities, if any. However, underground utilities, if found any shall be paid / borne by the Authority. Please Refer Corrigendum No. 01
125	Clause No. 19.2 (iv) of EPC Document	-	Mobilization Advance – 19.2 Deleted (i.e., DELETED).	Considering the general practice of MoRTH & considering the iconic nature of the bridge which require to purchase huge quantity of material of Structural steel and stay cables. For smooth mobilization and faster execution cash flow also required so, we kindly request you to allowing 10% mobilization advance.	As per RFP
126	Clause No. 19.2 (iv) of EPC Document	-	Article 19 – Price Adjustment	This is an Iconic Hybrid Cable-Stayed and Suspension Bridge. So, more quantum of stay cable materials are used in the execution. We request you to please allow Price adjustment for Stay cable material separately as per difference of actual rates.	As per RFP
127	Schedule B	-	Fatigue test & Wind tunnel test	As per the tender specification, the cost of these tests is very high. Please clarify whether the same is considered in the Estimate.	As per RFP. Bid cost should all inclusive of Fatigue & wind tunnel tests.

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply						
128	Clause No 8 of Schedule B	-	The cable-stayed [C1C1 to C20 × 2 × 2], vertical suspenders (2 × 19), vertical hangers (2 × 8) shall be provided as per actual design by EPC Contractor. Anticorrosive treatment to the cable system shall be provided.	As per our information Cables are already coated with zinc alloy and silcon griss. It should not require Anticorrosive treatment.	As per RFP, the corrosive treatment containing all layers / material as per standard provided in the Contract						
129	Clause no 2.2.2. a ii of Schedule D	-	• Detailed design consultant must have design experience of Cable Stayed and/or Suspension Bridge (Road & Railway), for same or different project, having span equal to or greater than 480 m.	As per RFP, Page No. 25, Clause No. 2.2.2.2, design girder shall have proven experience in the design of at least one Cable-Stayed Bridge, Suspension Bridge, or Combined Cable-Stayed and Suspension Bridge having a minimum span of 200 meters. So please amend this clause.	Please refer Corrigendum No. 01						
130	Clause 2.2.3 of Schedule D	-	<p>Specifications and Standards for Construction of proposed Hybrid-cable stayed cum suspension bridge.</p> <p>The Bridge superstructure structure should be proposed with Prefabricated Steel Box Sections making it as truss type of structure, with RCC Deck Slabs. Notwithstanding any other stipulations contained in any other Codes / standards, designed sections of truss elements should be limited to interaction ratios as mentioned below:</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Maximum Interaction value</th> </tr> </thead> <tbody> <tr> <td>Running section</td> <td>0.9</td> </tr> <tr> <td>End section</td> <td>0.9</td> </tr> </tbody> </table>	Section	Maximum Interaction value	Running section	0.9	End section	0.9	We assumed that the clause is related to only ULS design of the element. Please clarify.	As per RFP. Interaction values shall be followed in Totality as far as technically feasible subject to that condition that prescribed value is maximum and the contractor has to adopt equal or less than the interaction values prescribed.
Section	Maximum Interaction value										
Running section	0.9										
End section	0.9										

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply						
131	Clause 2.2.4 of Schedule D	-	Deflections under live load shall be limited to L/1200. Welding shall be allowed for jointed connections provided that the structure shall be fabricated in a workshop/factory/plant approved by Authority Engineer. No in-situ welding shall be permitted. Bolting and riveting will be permitted for site erection only. Torquing of all connection bolts shall be done only with automatic torqueing machine. No manual torqueing is allowed.	Live Load Deflection limit, particularly with congestion factor, is too small for a suspension bridge which generally ranges from L/400 to L/500. Same may be revised.	As per RFP						
132	Clause 2.2.5 of Schedule D	-	Notwithstanding any other stipulations contained in any other Codes / standards, designed sections of pylon should be limited to interaction ratios as mentioned below: <table border="0"> <tr> <td>Cross Section</td> <td>Maximum Interaction value</td> </tr> <tr> <td>Pylon base</td> <td>0.75</td> </tr> <tr> <td>Pylon top</td> <td>0.75</td> </tr> </table>	Cross Section	Maximum Interaction value	Pylon base	0.75	Pylon top	0.75	We assumed that the clause is related to only ULS design of the element. Please clarify.	As per RFP. Interaction values shall be followed in Totality as far as technically feasible subject to the condition that prescribed value is maximum and the contractor has to adopt equal or less than the interaction values prescribed.
Cross Section	Maximum Interaction value										
Pylon base	0.75										
Pylon top	0.75										
133	Clause Site 1.2 of Schedule	-	The High Flood Level (HFL) of RL 271.880 m is indicated in the GAD based on secondary data and is required to be verified by the EPC Contractor.	Any upward revision in HFL after verification will impact foundation levels, scour depth, soffit level, approach RRL gradients, quantities, construction methodology, and overall project economics. Under EPC mode, this exposes the Contractor to substantial financial and schedule risk.	As per RFP. The HFL indicated is minimum, and in case if any variation in HFL, the Contractor has to design all components accordingly and, in this case, it shall						

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				The Authority is requested to clarify the contractual treatment in the event of any upward revision of HFL , including whether all resultant changes in foundation, superstructure, approaches, and construction methodology shall be treated as variation with entitlement to cost and time adjustment, without prejudice to the EPC Contractor.	not be treated as any Change of Scope or Extension of Time.
134	Clause Site 1.2 of Schedule	-	Hydraulic / Hydrology Study Report forming basis of HFL is not provided	<p>In absence of flood return period analysis, backwater profile, dam discharge effects and historical flood data, bidders are forced to assume hydrological risk inconsistently</p> <p>Although the project is being executed under EPC mode, it is submitted that prior to bidding, prospective bidders do not have direct access to critical hydrological and dam-operation data related to the Krishna River system. Such information—including dam discharge schedules, storage levels and operational protocols—can only be obtained through official permissions and correspondence with the concerned departments, which is not feasible within the bid period.</p> <p>Considering that the project site lies on a mature and highly regulated reach of the Krishna River, located downstream of Almatti Dam and upstream of Srisaillam Dam, the Authority is therefore requested to Provide the Hydraulic / Hydrology Study Report forming the basis of the specified HFL as part of the bid document; Furnish relevant dam operation data, including maximum discharge capacity of Almatti Dam and storage capacity /</p>	<p>As per RFP. Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C. Bidders have to carry their own study, survey, investigations and detailed design.</p> <p>Further, contractor may obtain the relevant data from concerned authority.</p> <p>Bid cost should all inclusive.</p>

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				<p>operating levels of Srisaillam Dam, which directly influence flood levels at the project site; and</p> <p>Confirm that bidders are entitled to rely upon this data for bid pricing and risk assessment, particularly with respect to the probability of any revision in the stated HFL.</p> <p>Provision of the above information is essential to ensure transparent, uniform and equitable risk assessment by all bidders under the EPC framework.</p>	
135	Geotechnical reports	-	Geotechnical Investigation shows multiple bore logs at same chainage (Ch. 88+100) with different RLs	The bidder requests the Authority to confirm the bore log data along with its precise pier-wise / location reference, including identification of boreholes corresponding to P1, P2, A1, A2 and anchor block locations (or nearest representative locations). Such clarification will enable bidders to understand the subsurface strata realistically, correlate geotechnical information correctly with structural elements, and avoid assumption-based interpretation of soil and rock profiles at the bidding stage. As per the borehole data provided for the major bridge location, rock strata appear to be encountered at approximately 10—15 m below existing ground level. The GAD indicates open foundations for the pylon locations, while the Low Water Level is shown at approximately 7 m above ground level.	Geotechnical report is attached herewith for reference purpose with disclaimer (please refer Addendum-1). However, development of the project Highway shall include design and construction of the project highway as described in Schedule B and in Schedule C. Bidders have to carry their own study, survey, investigation and detailed design.
136	GAD	-	Borehole data indicates hard rock at -15-20 m depth, but open foundations are proposed	<p>Open foundations for a 480 m span bridge will require very deep excavation, extensive dewatering and cofferdams, posing severe constructability and safety challenges</p> <p>As per the borehole data provided for the major bridge location, rock strata appear to be encountered at approximately 10—15 m below existing ground level. The GAD indicates open foundations for the pylon locations,</p>	

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				<p>while the Low Water Level is shown at approximately 7 m above ground level.</p> <p>In view of the above, the bidder requests the Authority to reconfirm the feasibility and suitability of the proposed open foundation system for the pylon locations, considering constructability, safety and execution challenges associated with deep excavation in proximity to water.</p> <p>Further, since the structure is envisaged as a state-of-the-art and landmark bridge, the bidder requests the Authority to reconfirm the proposed foundation type, and clarify that any revision or refinement to the foundation system arising from detailed design, constructability or safety considerations shall be appropriately reflected in the project pricing, in line with contractual provisions.</p>	Contractor is free to propose his own design for foundation including its type. Further, Bid cost should all inclusive
137	GAD	-	Minimum Water Level RL 251.00 is specified; ground level is "7 m below	<p>Execution of large open foundations below water level is extremely risky and resource-intensive due to fluctuating river levels</p> <p>As per the tender provisions, the construction methodology is proposed by the Authority / Authority's Engineer. On a prima facie review of the GAD and accompanying data, open foundations are indicated for both pylon locations, with founding levels below approximately 7 m of existing water level. Further, as per the geotechnical information provided in the tender, competent rock strata is not available at surface and is encountered at a depth of approximately &-10 m below ground level.</p>	<p>Contractor is free to propose his own design for foundation including its type.</p> <p>Construction sequence given in tender document is one of the possible method. Contractor is free to propose its own methodology but it has to be accepted and approved by PMC/AE.</p>

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				<p>Considering the above conditions—namely submerged construction, deep excavation below water level, and absence of shallow rock strata—the bidder seeks clarification on the technical viability of the proposed open foundation system under the given site conditions.</p> <p>Since the foundation concept and construction methodology are indicated by the Authority, the bidder requests the Authority to reconfirm the correctness, completeness and genuineness of the GAD and supporting data forming the basis of the proposed foundation scheme, so that bidders may rely upon the same for bid pricing and risk assessment.</p>	<p>Contractor is free to propose his own design for foundation including its type.</p> <p>Further, development of the project Highway shall include design and construction of the project highway as described in Schedule B and in Schedule C. Bidders have to carry their own study, survey, investigation and detailed design.</p>
138	General related to Schedules	-	Seasonal / month-wise water level variation due to dam operation is not provided	<p>Seasonal variation is critical for fixing pile cap bottom level, cofferdams, temporary works and workable construction windows</p> <p>Considering that the project site lies on a regulated reach of the Krishna River influenced by upstream dam operations, particularly due to releases from Srisailem Dam, water level fluctuations at the site are expected to be significant and operationally driven.</p> <p>Such fluctuations have a direct bearing on foundation works, including determination of pile cap bottom levels, feasibility of machinery movement, and constructability with respect to available water draft. Owing to these variations, the effective working period for foundation end substructure works may be</p>	<p>Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C. Bidders have to carry their own study, survey, investigations and detailed design.</p> <p>Further, contractor may obtain the relevant data from concerned authority as required/ necessitate for design and construction of project</p>

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				<p>severely restricted, with meaningful construction activity largely confined to the summer season</p> <p>In this context, the bidder request the Authority to:</p> <p>Provide historical water level data at or near the project site, indicating monthly water level variations for at least the last 5 to 10 years, reflecting the Impact of dam operations: and</p> <p>• Clarify that the construction duration proposed in the tender shall be based on such disclosed water level data, enabling bidders to realistically assess working windows and programme feasibility.</p> <p>Provision of this information is essential for bidders to plan construction sequencing, resources and timelines in a fair and informed manner.</p>	
139	General related to Schedules	-	Navigational requirement in the waterway is not specified	<p>Future imposition of navigation requirements may alter spans, pier positions and soft levels, leading to redesign.</p> <p>The Authority is requested to clarify whether navigation is applicable, whether statutory approvals are finalised, and whether any future navigation-related requirement shall be treated as scope variation.</p>	As per RFP
140	Note 2 of Schedules	-	The bottom/ Soffit of superstructure shall be 29.515m from the HFL of 271.880.	<p>If HFL increases and clearance is mandatory, soffit and RTL will increase, affecting approaches and economics</p> <p>As per the tender documents, a minimum vertical clearance of 29.515 m above the specified HFL is indicated for fixing the soffit level of the bridge. It is further noted that no</p>	FRL as indicated in GAD shall be maintained

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				<p>navigational requirement has been specified for the waterway.</p> <p>In this context, the bidder seeks clarification on the governing vertical control philosophy in the event that, upon detailed hydraulic assessment, the actual HFL is found to be higher than the value indicated in the tender. Specifically, the Authority is requested to clarify</p> <p>Whether, in such a scenario, the soffit level and corresponding Road Top Level (RTL) of the bridge shall necessarily be raised further to maintain the absolute clearance of 29.515 m above the revised HFL; or</p> <p>Whether the specified clearance is indicative / upper-bound, and may be rationally reviewed or relaxed in absence of navigational requirements, to avoid disproportionate increase in bridge height, approach lengths and overall project cost.</p> <p>Such clarification is essential to enable bidders to assess geometric feasibility, approach design and pricing implications realistically at bid stage.</p>	
141	GAD	-	Cross-section includes crash barriers, footpath and railings	<p>These elements may affect aerodynamic behaviour and require modification post wind studies</p> <p>The cross-section indicated in the tender includes crash barriers, footpath, railings, and cladding to the upper portion of the pedestrian walkway, all of which are known to have a significant influence on the aerodynamic behaviour of long-span and wind-sensitive bridge superstructures</p>	Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C. Bidders have to carry their own study, survey, investigations and detailed design considering all the requirements

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				<p>In this context, the bidder seeks clarification on the following:</p> <p>Whether aerodynamic considerations and preliminary wind behaviour assessments have already been undertaken by the Authority while finalising the proposed cross-section; and</p> <p>In the event that detailed wind tunnel studies or aerodynamic evaluations carried out during design indicate the need for modification to any of these cross-sectional elements, the permissible procedure and approval mechanism to be followed, considering that the superstructure type and overall configuration are mandated under the tender.</p> <p>Such clarification is essential to understand the extent of design flexibility available to the EPC Contractor and the manner in which wind-induced design refinements shall be addressed under the contract.</p>	<p>including aerodynamics.</p> <p>Wind tunnel test/(s) has to be conducted by the Contractor after acceptance of preliminary design and before the stage of final approval to meet the requirement of RFP</p>
142	Note: 6 of Schedules	-	Aluminium cladding shall be provided for complete length and full width of curve portion of semicircular shape or Arch of pedestrian walkway	Cladding may obstruct wind flow, affect global behaviour and lead to high long-term maintenance	Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C. Bidders have to carry

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
		-		The Authority is requested to clarify whether cladding configuration is architecturally frozen or performance-based , and the contractual position if wind behaviour necessitates modification	their own study, survey, investigations and detailed design considering all the requirements including aerodynamics. Wind tunnel test (s) has to be conducted by the Contractor after acceptance of preliminary design and before the stage of final approval to meet the requirement of RFP
143	wind tunnel testing of Schedules	-	Wind tunnel testing specified; wind climate study not explicitly stated	<p>Wind tunnel testing without site-specific wind climate may lead to incorrect design and repeat studies</p> <p>The tender specifies wind tunnel testing, However it is not clear whether, for the proposed superstructure shape and associated architectural features, any preliminary wind tunnel study or aerodynamic assessment has been carried out by the Authority prior to finalising the configuration shown in the tender.</p> <p>In this regard, the bidder requests clarification on the following</p> <ul style="list-style-type: none"> Whether any preliminary wind tunnel testing or aerodynamic evaluation has already been undertaken by the Authority for the given shape and features of the superstructure; <p>If not, and if during the detailed wind tunnel and wind climate studies it is observed that certain specified features or the proposed configuration are aerodynamically unsuitable or</p>	Wind tunnel test (s) has to be conducted by the Contractor after acceptance of preliminary design and before the stage of final approval to meet the requirement of RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				<p>inefficient, how such findings shall be contractually and technically addressed; and</p> <p>in the event that the Authority considers such studies to fall within the EPC Contractor's responsibility, the bidder requests confirmation that reasonable modification to the shape and aerodynamic features of the superstructure shall be permitted, subject to approval, to achieve acceptable wind performance</p> <p>This clarification is essential to ensure that aerodynamic safety, constructability and contractual accountability are aligned under the EPC framework.</p>	
144	wind tunnel testing of Schedules	-	Full-scale wind tunnel testing may take 12-18 months	<p>Delay in design approval may disrupt construction of foundations and substructure</p> <p>The tender mandates full-scale wind tunnel testing for the bridge superstructure. It is understood, based on interaction with recognised wind engineering agencies, that such studies typically require approximately 12 to 18 months for completion, review and acceptance</p> <p>Considering this significant duration, the bidder seek clarification on the design approval and construction sequencing philosophy to be followed under the contract. Specifically, the bidder requests the Authority to clarify:</p> <p>•Whether, pending completion and approval of full-scale wind tunnel studies, the EPC Contractor shall be permitted to</p>	As per RFP



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				<p>proceed with foundation and substructure works, based on preliminary approvals; and</p> <p>Whether the Authority / Authority's Engineer shall provide stage-wise or phased design approvals, at least up to foundation level, so that the overall construction period is not disproportionately consumed by the wind tunnel study timeline alone.</p> <p>Such clarification is essential to enable realistic programme planning and to avoid avoidable delays in commencement of critical foundation works.</p>	
145	General	-	Bridge is unique hybrid cable-stayed & suspension structure	<p>The proposed bridge is a unique, state-of-the-art hybrid cable-seismic actions and dynamic response. Generic seismic spectra may not adequately capture the site-specific seismic characteristics, particularly in presence of local fault lines, regional tectonic features, or near-field effects, if any.</p>	Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C. Bidders have to carry their own study, survey, investigations and detailed design
		-	<p>Considering the importance and complexity of the structure, the bidder request the Authority to clarify' whether, at the ÓPR stage, any site-specific seismic studies have been carried out, including Investigations related to regional or local fault lines and derivation of site-specific response spectra</p>		
		-	<p>Further, the Authority is requested to confirm whether such site-specific seismic / spectral studies, if already conducted or to be conducted, shall govern the seismic design basis of the bridge, and to clarify the contractual</p>		

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				treatment of any design changes arising from the outcomes of these studies under the EPC framework.	
146	PHASE 5 of Schedules	-	Phase-5 construction shows superstructure resting on bearings	As per the tender documents, the construction sequence is proposed by the Authority / Authority's Engineer. The methodology indicated shows the superstructure resting on bearings at the pylon locations during launching stages. However, in such configuration, the superstructure would be structurally unstable without an adequate tie-down arrangement, which would necessarily need to originate from the foundation level to ensure stability and safety during construction.	Construction sequence given in tender document is one of the possible methods. Bidder is free to adopt methodology approved by AE/PMC. Bid cost should all inclusive.
		-		The absence of clearly defined tie-down provisions and flexibility in construction sequencing poses significant safety, stability and constructability risks during erection and launching of the superstructure	
		-		The bidder requests the Authority to clarify:	
		-		• Whether the construction sequence indicated in the tender is mandatory or indicative;	
		-		Whether the EPC Contractor shall be permitted to propose and adopt an alternative construction sequence, including necessary foundation-level tie-down arrangements, to ensure structural stability and safety during execution; and	
		-		In the event that the construction sequence prescribed in the tender is found to be technically or safety-wise unviable, how such deviations proposed by the EPC	

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				Contractor shall be reviewed and contractually treated by the Authority	
147	Phase-7 of Schedules	-	Phase-7 shows one-directional launching without balance	<p>Phase-7 in the tender documents indicates a one-directional launching scheme without counter-balancing. For a long-span, hybrid cable-stayed—suspension superstructure, such an unbalanced launching sequence can induce significant uplift forces at anchor locations, excessive reactions on bearings, and temporary instability of the structure, thereby posing serious safety and constructability concerns</p> <p>The bidder requests the Authority to clarify:</p> <ul style="list-style-type: none"> •Whether the launching methodology shown in the tender is indicative in nature and intended only to convey conceptual construction stages; and Whether the EPC Contractor shall be permitted and encouraged to adopt a balanced or otherwise safer launching methodology, based on detailed analysis and engineering judgement, without contractual liability or deviation risk, provided all performance and safety requirements are met. 	Construction sequence given in tender document is one of the possible methods. Bidder is free to adopt methodology approved by AE/PMC. Bid cost should all inclusive
148	Schedules	-	Segment feeding shown from water side using jetty	The tender indicates segment feeding from the water side using a temporary jetty. Constructing a jetty over the backwater of the river -affected by dam releases and fluctuating water levels—Introduces significant uncertainty. The footing and draft of the jetty vary along the river width and length, and water levels may rise or fall unexpectedly, affecting feasibility, stability, and safety of segment launching operations. Repeated adjustments may be required, leading to execution delays, safety risks, and	Construction sequence given in tender document is one of the possible methods. Bidder is free to adopt methodology approved by AE/PMC. Bid cost should all inclusive.

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				resource-intensive operations. The bidder requests the Authority to clarify: •Whether water-side segment feeding using a temporary jetty is mandatory, or whether alternative feeding sequences may be proposed • How the foundation level, working draft, and water level fluctuations are to be treated contractually for jetty construction, including responsibilities for delays, rework, or additional temporary works arising from water-level variations; and the contractual procedure for approval of modifications to jetty construction or segment feeding sequence necessitated by practical site conditions. to ensure EPC Contractor is not exposed to unquantifiable risk.	
149	Schedules	-	Back-span feeding requires steep land access	The tender indicates back-span segment feeding from the land side , which requires steep land access for equipment and materials. Establishing such access involves slope cutting, tree removal, slope stabilisation, and environmental approvals, none of which are clearly defined in the tender. These activities are highly site-specific, resource-intensive, and may cause delays if not properly accounted for, and can also trigger additional regulatory or environmental compliance obligations. The bidder requests the Authority to clarify: •Whether land-side access works, including slope cutting, stabilization, and environmental clearances, are included within the EPC scope, or whether they need to be addressed separately;	Bid cost should all inclusive. All the permission required for access / temporary construction etc shall have to be obtained by contractor. The responsibility of accessibility to the site lies with the contractor. Since, the work is on EPC mode hence Bidders have to carry their own study, survey, investigation and detailed design to ensure the logistic movement.

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				How risks, delays, or additional cost arising from access works not included in the tender will be treated contractually; and The approval mechanism for any modifications or temporary works required to safely and practically feed segments from the back-span land side	
150	Schedules	-	Structural glass walkway shown	Unclear whether glass is accessible, restricted or viewing-only The Authority is requested to clarify intended operational use, accessibility and governing design philosophy	As per RFP // Glass walkway shall be accessible and will be used by the pedestrians including viewing & meeting all the safety arrangements and maintenance requirements.
151	General of Schedules	-	Pedestrian loading and maintenance access not defined	The tender does not clearly define pedestrian live load criteria and maintenance access requirements. As per IRC:6 guidelines, for footpaths exceeding certain lengths, a reduction in pedestrian live load may be permissible. Additionally, the walkway located beneath the carriageway may be subject to maintenance vehicle loading, but the type and magnitude of such loads are not specified The bidder requests the Authority to clarify: Whether live load reduction for pedestrian footpaths (as per IRC:66 guidelines) is permitted for long spans in this bridge; Whether the walkway beneath the carriageway is intended to carry maintenance vehicles, and if so, the magnitude, type, and classification of vehicular load to be considered; and The governing live load criteria and reduction applicability for all pedestrian and maintenance-access areas, so that the EPC Contractor can design and price the structure appropriately and consistently.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
152	Note:1 of Schedules	-	Stay cables and hangers close to carriageway and footpath	<p>The tender shows stay cables and vertical hangers located close to the carriageway and footpath. Certain vertical hangers extend directly above pedestrian areas, creating a public safety risk due to potential impact or accidental contact.</p> <p>The anchorage details are partially defined: stay cable anchors are shown at the junction of the web and top slab member, while vertical hangers may be anchored in the top deck member. This raises potential structural implications, as anchorage locations could necessitate changes in the superstructure geometry or local reinforcement detailing if not adequately coordinated. Ambiguity in this aspect may pose safety hazards, constructability issues, and contractual responsibility concerns.</p> <p>The bidder requests the Authority to clarify “</p> <p>The detailed anchorage configuration of stay cables and vertical hangers, including exact locations relative to deck and slab members;</p> <p>Whether protective measures are required for vertical hangers located above pedestrian-accessible areas, and who is responsible for their provision;</p> <p>Whether the anchorage arrangement has been fully evaluated for its potential impact on superstructure geometry, and if any major geometric or structural changes may be required as a result; and</p> <p>How such changes, if necessary, will be treated contractually and from a design responsibility perspective</p>	Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C including stay cable, suspension cable & their anchorage etc,. Contractor have to carry their own study, survey, investigations and detailed design to ensure public & structural safety.
153	Note 9 of Schedules	-	Construction sequence prescribed by Authority in the tender.	Construction sequence affects safety, stability and long-term asset quality	Construction sequence given in tender document is one of the

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				The Authority is requested to clarify EPC Contractor's freedom to optimise sequence and contractual protection	possible method. Contractor is free to propose his methodology but it has to be approved by AE/PMC.
154	Schedules	-	Design Consultant eligibility requires a480 m span	The bidder requests the Authority to clarify:	Please Refer Corrigendum No. 01
			The tender contains inconsistent eligibility criteria for the Design Consultant:	•Which eligibility requirement is to be followed — Design Director experience vs. consultant experience in z480 m span bridges;	
			In one section, it mentions that the Design Director may have prior experience in designing cable-stayed bridges.	•Whether the intent of the eligibility clause may be satisfied through joint ventures, consortiums, or peer-reviewed experience; and	
			In another section (Schedule/Clause), it specifies that the consultant must have prior experience in bridges with span *480 m.	•Confirmation that bidders can rely on the clarified criteria when forming their technical teams and pricing proposals, without risk of being disqualified.	
			Such inconsistencies create ambiguity in eligibility, limit competition, and may affect bidders' ability to form JVs or consortiums to meet the stated criteria.	This clarification is essential to ensure fair competition, realistic team formation, and unambiguous tender compliance.	
155	General	-	Bridge expected to become tourist attraction, Parking and visitor facilities not specified	The Authority is requested to clarify whether such facilities are within scope or separate and future treatment	As per RFP
156	General	-	GAD - Forest Clearance	As the approach road is coming from Telangana side, clarification is required regarding the status of forest clearance. Please provide an update.	As per RFP. The proposal for forest/ wildlife clearance for ROW is currently under process.

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
157	General	-	Lead for Material	RMC material from the Sangameshwaram side is located in minimum 100 km which is not considered in the DPR. As per site condition, we require an RMC plant on both sides. So, transportation charges are as per lead which is very high and is not matched with DPR quantity details. So please consider actual lead charges for the estimate.	As per RFP. The DPR provided is only as a preliminary reference document by way of assistance to the bidder who are expected to carry out their own surveys, investigations and other detailed examinations of the project before submitting their bids. Bid cost should all inclusive.
			RMC material quarries are located in Nagarkarnool, 55 km from Somasila, 100 mm & crushed sand. River sand is not available.		
			Murrum quarries lead is 40 km from Somasila side.		
158	General	-	Land Required	We required additional land for the outside carriageway for the execution of the back-side superstructure, anchor block & approach work, and machinery movement execution. It is going through forest land, so we should get permission from the forest department as possible or not.	The proposal for forest/ wildlife clearance for ROW is currently under process. All such clearance within RoW shall be obtained by the Authority. However, beyond RoW, Contractors needs to obtain all the necessary permits or clearance under applicable law from concerned agency. Further, All the permission required for access / temporary construction etc shall have to be obtained by contractor. The responsibility of accessibility to the site lies with the contractor.
159	General	-	Point – Approach Formation at A1 & A2 Locations (Temporary vs Permanent Works)	Clarification Sought: The bidder requests the Authority to clarify:	As per RFP. The access road/temporary/diversion etc. has to be constructed by Contractor at his own cost.
			At the A1 and A2 abutment locations, no clear or motorable approach access is presently available.	Whether the temporary construction access roads required for reaching A1 and A2 locations may be planned, designed, and executed as part of the permanent approach works;	

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			Developing construction access to these locations will itself involve substantial earthwork, formation, and stabilization, effectively amounting to creation of an approach road.	Whether such additional or modified approach routes, arising out of practical site constraints, may be included within the scope of work and considered for contractual and payment purposes; and	
			If such access is treated only as a temporary arrangement, it may lead to duplication of effort, additional cost, and avoidable wastage, especially when similar alignment and formation would be required for the permanent approach roads.	Confirmation that the bidder may optimize the approach alignment and formation from a constructability perspective, subject to approval, without being treated as a deviation from tender intent.	
				This clarification is sought to ensure practical execution, cost efficiency, and long-term utility of the approach works.	
160	General	-	Point – Access Road to P1 & P2 Foundations (Gradient, Zig-Zag Alignment & ROW Constraints) Concern and Implication:	Clarification Sought: The bidder requests the Authority to clarify:	As per RFP. The proposal for forest/ wildlife clearance for ROW is currently under process. All such clearance within RoW shall be obtained by the Authority. However, beyond RoW, Contractors needs to obtain all the necessary permits or clearance under applicable law from concerned agency.
			For accessing heavy construction machinery to the foundation locations at P1 and P2, the approach from A1–P1 and A2–P2 involves steep terrain.	Whether additional ROW, beyond what is presently indicated, may be made available or facilitated where required for constructing safe and workable access roads to P1 and P2 foundations;	Further, All the permission required for access / temporary construction etc shall have to be obtained by contractor. The responsibility of
			To achieve workable gradients for movement of piling rigs, cranes, and heavy equipment, the approach road would need to be:	Whether the bidder may propose optimized approach alignments (including zig-zag geometry) based on site conditions, subject to approval; and	

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			Planned in a zig-zag alignment to limit longitudinal gradient, and	How ROW-related constraints or shortfalls, if encountered during execution, shall be contractually addressed in terms of scope, time, and cost implications.	accessibility to the site lies with the contractor.
			Properly formed and stabilized for safe equipment movement	This clarification is essential to ensure safe construction access, realistic planning of foundation works, and avoidance of execution delays.	
			However, such a zig-zag approach may require additional width and length, potentially exceeding the Right of Way (ROW) currently indicated in the tender documents.		
			This creates uncertainty regarding land availability, approvals, constructability, and risk allocation.		
161	General	-	Point – Aluminium Cladding for Walkway (Durability, Maintenance & Aerodynamic Behaviour)	Clarification Sought: The bidder requests the Authority to clarify:	per RFP. Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C. Bidders have to carry their own study, survey, investigations and detailed design considering all the requirements including aerodynamics within the quoted price. Wind tunnel test (s) has to be
			Concern and Implication:	Whether the aluminium cladding for the walkway is mandatory, or whether the bidder may propose alternative walkway systems (such as open grating, structurally integrated decks, or other proven solutions) that are more durable and low-maintenance;	
			The bridge is a state-of-the-art hybrid suspension system, and the tender proposes an aluminium	Whether aerodynamic performance and long-term maintenance considerations will be taken into account while finalizing the walkway configuration; and	

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			cladding system for the pedestrian walkway.		conducted by the Contractor after acceptance of preliminary design and before the stage of final approval to meet the requirement of RFP
			While high-quality material and fixings may be adopted, from a long-term maintenance and operational perspective, the following concerns arise:	If alternative systems are proposed and found technically superior, how such changes shall be reviewed and contractually addressed under the EPC framework.	
			The bridge will be subjected to significant wind pressure, vibration, and aerodynamic effects, which may adversely affect the durability and serviceability of cladding systems over time.	This clarification is sought to ensure long-term durability, safety, aerodynamic stability, and reduced maintenance burden of the bridge.	
			Aluminium cladding, being a non-structural external element, may be prone to loosening, fatigue, rattling, or damage, leading to recurring maintenance interventions; and		
			The presence of cladding may alter local wind flow patterns, potentially impacting the aerodynamic performance of the superstructure and walkway zone.		
			These aspects may result in higher life-cycle costs and operational challenges, contrary to the intent of a landmark bridge.		

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
162	General	-	Point – Applicability of Latest NHA Circular on Maximum Height of Reinforced Earth (RE) Walls in Approach Portion	Clarification Sought: The bidder requests the Authority to clarify:	As per RFP
			Concern and Implication:	Whether the latest NHA circular restricting the maximum height of Reinforced Earth walls is applicable to the present project;	
			As per the latest circular issued by NHA, restrictions have been imposed on the maximum permissible height of Reinforced Earth (RE) walls in approach portions of highway structures.	If applicable, whether the typical approach cross-sections provided in the tender have already been vetted and approved in compliance with the said circular; and	
			However, based on typical cross-sections of the tender documents, the height of the proposed RE wall in the approach structure appears to exceed 20 m, which may be at variance with the provisions of the said NHA circular.	In case modification of approach configuration is required to comply with the NHA guideline, whether such changes shall be treated as Authority-driven revisions, with entitlement to appropriate cost and time adjustment under the EPC contract.	
			This creates uncertainty regarding:		
			Regulatory compliance of the proposed approach configuration; and		
Possible need for revision of approach cross-sections (including use of alternative systems such as viaducts,	This clarification is sought to ensure regulatory certainty at bidding stage and to avoid redesign risks during execution.				

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			retaining structures, or staged arrangements); and Risk of post-award design changes affecting quantities, cost, approvals, and construction schedule under EPC mode.		
163	Clause 2.2.2.10 of RFP	-	2.2.2.10 The Bidder including any Joint Venture member shall be deemed to be non – eligible party, if, in any of the project (on- going/ completed) in last 2 years from the bid due date, catastrophic failure of Structure/ Highway due to construction defect(s) has occurred. The bidder is required to submit the undertaking in the proforma prescribed in Appendix - XII	Kindly elaborate the definition of "catastrophic failure of Structure/Highway due to construction defect(s)" for better understanding of the bidder, as in the contract documents of NHAI/ MoRTH, the term Catastrophic Failure never appear. So, Bidder is not able to understand the term to comply with the Bid Document Conditions.	As per RFP. The catastrophic failure may include sudden, fatal and irreversible breakdown of structure that often leading to significant damage and safety hazards due to construction/design defects.
164	Clause 1.2.4 of RFP	-	1.2.4 A Bidder is required to submit, along with its BID, a BID Security of Rs. 8.16 crore (Rupees Eight Crore Sixteen Lakhs only) (the "BID Security"), refundable not later than 150 (One hundred & fifty) days from the BID Due Date, except in the case of the Selected Bidder whose BID Security shall be retained till it has provided a Performance Security and Additional Performance Security (if any) as per the provision of this RFP and LOA. BID Security shall be submitted in the form of Insurance Surety Bond or Electronic Bank	Bidder presumes that Tender Document Fees and GST both shall be paid through Bharat Kosh Portal at (Ministry Code-024, DDO Code- 203942, PAO Code-002193, Function Head - 105400501010000). Please confirm.	As per RFP



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			<p>Guarantee (e-Bank Guarantee). The Insurance Surety Bond shall be verified from the specific portal created for this purpose. If it is not possible to furnish the E-Bank Guarantee, Physical Bank Guarantee may be submitted. The Bank Guarantee shall be transmitted through SFMS Gateway to NHAI/MORTH/State PWD/NHIDCL/BROs Bank.</p> <p>The Bidders shall also make online payment towards Cost of Tender Document of Rs. 1,00,000/-(Rupees One Lakh only), and also towards payment of GST of Rs. 18,000/- (Rs. Eighteen Thousand only) (payable to Regional Pay and Accounts Officer, MoRTH, Hyderabad). Cost of Bid Document can be paid through Bharat Kosh Portal and receipt must be submitted with the proposal. (Ministry Code-024, DDO Code-203942, PAO Code-002193, Function Head - 105400501010000).</p>		
165	APPENDIX - II & APPENDIX-IX of RFP	-	<p>APPENDIX - II Bank Guarantee for BID Security 1. In consideration of you, ****, having its office at ****, (hereinafter referred to as the "Authority",..... & APPENDIX-IX Surety Bond for Bid Security (Refer Clauses 2.20)</p>	<p>Bidder presumes that, beneficiary name and address for Appendix-II and Appendix-IX (as applicable) shall be "Regional Officer, MoRTH, RO, Hyderabad, R&B Office Complex, Errum Manzil, Hyderabad-500082" as per other format of tender-like APPENDIX -IA, IB etc.</p>	<p>As per RFP. Security is to be submitted in favour of Regional Officer, MoRTH, RO, Hyderabad, R&B Office Complex, Errum Manzil, Hyderabad-500082</p>

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply																																																											
			1. In consideration of you, *****, having its office at *****, (hereinafter referred to as the "Authority".....																																																													
166	Clause.19.10 (iv) of Article 19 of EPC Document	-	<p>The various percentages of PA, PB, PC, PF, PL, PM & PS for respective item, have been specified in para of clause 19.10 of DCA.</p> <p>(v) The following percentages shall govern the price adjustment of the Contract Price:</p> <table border="1"> <thead> <tr> <th rowspan="2">Component</th> <th colspan="5">Item</th> </tr> <tr> <th>Earthwork, Drainage work and other works</th> <th>Situations Work</th> <th>General Concrete Pavement</th> <th>Culverts, minor bridges and other structures</th> <th>Major Bridges and Structures</th> </tr> </thead> <tbody> <tr> <td>Labor (PL)</td> <td>(20%)</td> <td>(20%)</td> <td>(20%)</td> <td>(25%)</td> <td>(25%)</td> </tr> <tr> <td>General (PG)</td> <td>(5%)</td> <td>N/A</td> <td>(20%)</td> <td>(25%)</td> <td>(25%)</td> </tr> <tr> <td>Steel (PS)</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>(25%)</td> <td>(20%)</td> </tr> <tr> <td>Bitumen (PB)</td> <td>N/A</td> <td>(15%)</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Fuel and lubricants (PF)</td> <td>(10%)</td> <td>(10%)</td> <td>(10%)</td> <td>(10%)</td> <td>(10%)</td> </tr> <tr> <td>Other Materials (PM)</td> <td>(20%)</td> <td>(20%)</td> <td>(20%)</td> <td>(20%)</td> <td>(25%)</td> </tr> <tr> <td>Plant, machinery and spares (PA)</td> <td>(15%)</td> <td>(15%)</td> <td>(15%)</td> <td>(15%)</td> <td>(15%)</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>100%</td> <td>100%</td> <td>100%</td> <td>100%</td> </tr> </tbody> </table>	Component	Item					Earthwork, Drainage work and other works	Situations Work	General Concrete Pavement	Culverts, minor bridges and other structures	Major Bridges and Structures	Labor (PL)	(20%)	(20%)	(20%)	(25%)	(25%)	General (PG)	(5%)	N/A	(20%)	(25%)	(25%)	Steel (PS)	N/A	N/A	N/A	(25%)	(20%)	Bitumen (PB)	N/A	(15%)	N/A	N/A	N/A	Fuel and lubricants (PF)	(10%)	(10%)	(10%)	(10%)	(10%)	Other Materials (PM)	(20%)	(20%)	(20%)	(20%)	(25%)	Plant, machinery and spares (PA)	(15%)	(15%)	(15%)	(15%)	(15%)	Total	100%	100%	100%	100%	100%	<p>We understand that the above percentage has to be project specific based on scope/ quantum of the work, however, it is observed that these percentage are same as defined in Model contract agreement (MCA) issued by MORTH vide circular No. RW/NH-27010/4/2010-EAP (Printing) Vol-IV dated 05.03.2019. In MCA, these percentages are mentioned in square/box bracket [], which indicates that the percentage component mentioned in it has to be modified based on scope/quantum of the project work. Authority is requested to confirm that the percentage as provided in DCA are as per the scope of project work, if not bidder requests to revise the percentage accordingly. For Major Bridge and Structures, bidder requests to maintain the component of Steel (PS) at 25% - 30%.</p>	As per RFP
Component	Item																																																															
	Earthwork, Drainage work and other works	Situations Work	General Concrete Pavement	Culverts, minor bridges and other structures	Major Bridges and Structures																																																											
Labor (PL)	(20%)	(20%)	(20%)	(25%)	(25%)																																																											
General (PG)	(5%)	N/A	(20%)	(25%)	(25%)																																																											
Steel (PS)	N/A	N/A	N/A	(25%)	(20%)																																																											
Bitumen (PB)	N/A	(15%)	N/A	N/A	N/A																																																											
Fuel and lubricants (PF)	(10%)	(10%)	(10%)	(10%)	(10%)																																																											
Other Materials (PM)	(20%)	(20%)	(20%)	(20%)	(25%)																																																											
Plant, machinery and spares (PA)	(15%)	(15%)	(15%)	(15%)	(15%)																																																											
Total	100%	100%	100%	100%	100%																																																											
167	General	-	General Protected Forest	<p>We presume that all the clearances and approvals for cutting of trees and working in protected forest shall be obtained by Authority/ Employer.</p> <p>The current status of Forest Clearance may kindly be provided.</p>	As per RFP. The proposal for forest/ wildlife clearance for ROW is currently under process.																																																											
168	General	-	General Land Acquisition	<p>Status of Land Acquisition: What is the status of land acquisition for the project? kindly provide the following: - A. Total Land required in Hectare/ Sq. m/KM for the project. B. Total Land already acquired. C. Total Land to be acquired.</p>	As per RFP																																																											

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				D. Total Agricultural / private / Govt. / Forest land to be acquired. Also please provide detailed schedule for handing over land to the Contractor/ Concessionaire. It is presumed that on the commencement date of contract 100% Land required for construction work will be made available to the Contractor/ Concessionaire.	
169	General	-	General Wildlife Clearance	National Board for Wildlife clearance. 1) Please clarify whether the project is in or nearby Wildlife/ National Park / Sanctuary / Eco sensitive Zone Land? 2) If yes, Has Authority applied for National Board for Wildlife clearance and if so please clarify the status of the same?	As per RFP. The proposal for forest/ wildlife clearance for ROW is currently under process.
170	General	-	General Forest Clearance	Request the Authority to kindly provide details of Forest land to be diverted, if any and status of Forest Clearance, required if any.	As per RFP. The proposal for forest/ wildlife clearance for ROW is currently under process.
171	General	-	General Environment Clearance	It is presumed that Environmental Clearances has already been obtained. Information regarding Pending issues/ pending Court Cases, if any relevant to the Environmental Clearance of the Project Highway is to be provided.	As per RFP. The proposal for forest/ wildlife clearance for ROW is currently under process.
172	General	-	General Tree Cutting/ Tree Felling	Is the Project Alignment/ ROW needs Cutting/ Felling of Trees? If yes, please clarify about the permission for the cutting/ felling of trees in Project Alignment/ ROW.	As per RFP
173	General	-	General Encroachment details	Kindly provide the details of existing encroachment, if any on or along the project alignment/ Right of Way (ROW).	As per RFP
174	General	-	General Pending Litigation	Delay in execution of the Project Alignment/ ROW due to pending litigations, if any, shall be treated as Political Force Majeure event and Contractor/ Concessionaire may kindly be compensated accordingly.	As per RFP
175	General	-	General Hydrology Report	Kindly provide Hydrology Report.	As per RFP. Development of the Project Highway Shall include design and construction of the project highway as described in

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
					Schedule - B and in Schedule - C. Bidders have to carry their own study, survey, investigations and detailed design. Further, contractor may obtain the relevant data from concerned authority as required/ necessitate for design and construction of project
176	General	-	General Drainage Plan	Kindly provide Drainage Plan.	As per RFP.
177	General	-	General Design Flexibility	This being an EPC project, we understand that shape, sizes and type of foundation, substructure & superstructure, bearing etc. shown are indicative and the Contractor/ Concessionaire is free to change the same while ensuring the aesthetics of the bridge.	As per RFP. However, Contractor is free to propose his own design for foundation including its type.
178	General	-	General KMZ File	Kindly provide KMZ File of the Proposed Project Alignment.	KMZ file is attached with disclaimer. Please refer Addendum - 1
179	General	-	General Obtaining permits, approvals, etc. from various Government bodies	We request the Authority/ Employer to arrange all the necessary permits, licenses, clearances, & approvals as required from the various Government bodies prior to Award of Work. Any deposit / cost shall be borne by the Authority/ Employer.	As per RFP.
180	General	-	General Traffic Diversion Permission	ROW width is insufficient to make provision for diversion.	As per RFP. All the necessary arrangements and permission required for access / temporary construction etc shall have to be obtained by contractor. The responsibility of accessibility including provision for diversion to the site lies with the contractor. Bid cost should all inclusive

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
181	General	-	General Land for Casting yard, labour camp & batching plant	We request Authority to provide suitable land near the project site for Casting yard, labour camp & batching plant.	Since, the work is on EPC mode. Hence, the Bidders have to carry their own study, survey, investigations, planning and detailed design to ensure availability/ arrangement of casting area, Casting yard, labour camp & batching plant at his own cost.
182	General	-	General Working in Night Time	Kindly allow Contractor/ Concessionaire to work in night also during construction period of the proposed Project Highway, to ensure smooth workflow and strict adherence to the project timelines.	As per RFP. All the rules/regulations including of Local government has to be obeyed
183	Article 19 Cl. 19.2 of EPC Agreement	-	Cl. 19.2 Deleted	This clause which pertaining to mobilisation and Plant Advances, please be reinstate.	As per RFP
184	Clause 1.1.1 of Section 1 of RFP	-	No. of Months for completion 36 months	For Design 6 months For Constructions 42 months Total 48 Months	Please refer Corrigendum No. 01
185	Clause 2B (vii) last para of Schedule 'C'	-	Pedestrian facilities for persons with disabilities shall be provided as per ministry's circular RW/NH-33044/28/2015/S&R(R) Dated 17.06.2015 and IRC.103:2012, Guidelines for Pedestrian facility shall also be provided along the highway.	We understand that such pedestrian facilities need to be created via walk ways (2x3.45m) and middle walkway (6m wide) at bottom/lower deck. Provision of such facilities is not applicable for service footpaths of 2x2.3m width on top / upper deck. Please confirm.	As per RFP
186	Cl. 2.2.5 Schedule D	-	Deflection under live load shall be limited to L/1200	Deflection under live load shall be L/400	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
187	Geo-Technical & Geo physical Reports	-	As per the Geotechnical and Geophysical report part-1, there are 5 bore holes are available BH-1 to BH-5 at chainage 88+100 for the main hybrid bridge. The locations of these 5 bore holes is not marked in the report. The bridge foundation P1 is at chainage 87.658 which is around 442m away from the bore holes and foundation P2 is at chainage 88+138 which is around 38m away from the bore holes.	<p>These foundations are being very critical for the bridge, it is requested to provide with GTI reports/borehole details at the exact locations of the foundations to conceive appropriate type of foundations and construction methodologies.</p> <p>We have an apprehension that there could be sloping rock, particularly at the location of foundation P2. At the location of P1, it is almost impossible to predict the nature of strata as it is 442m away from the presently available Boreholes</p>	Geotechnical report is attached herewith for reference purpose with disclaimer (please refer Addendum-1). However, development of the project Highway shall include design and construction of the project highway as described in Schedule B and in Schedule C. Bidders have to carry their own study, survey, investigation and detailed design.
188	Clause 19.2, of EPC Document	Mobilization Advance	<p>19.2 Deleted</p> <p>(i) DELETED.</p> <p>(ii) DELETED.</p>	<p>Considering substantial scope of work involved in the project, we request the authority to provide a Mobilization Advance equivalent to 10% of the Accepted Contract Amount. This advance will provide the necessary support for the timely deployment of plant, machinery & equipment, and manpower, as well as the initial setting up of the assembly yard and labour camps, for the successful execution of such a complex project.</p> <p>It may kindly be noted that similar provisions for mobilization advance are available in other comparable projects under NHA and MORT&H.</p>	As per RFP
189	Clause 7.3.1 Notes 1 of Annex-1, Schedule-B	General Arrangement of Proposed bridge	The General Arrangement of Proposed bridge like span arrangement, height of Pylon, shape & structure of Pylon, Bridge Deck's structural arrangement, Arch type steel trusses, and the one's mentioned in this chapter etc. shall not deviate from the Design Intent and Tender Drawings.	This is being an EPC contract; bidder shall be allowed to decide the type of superstructure to structural steel/ concrete/ composite etc.	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
190	Clause 7.3.1 Notes 1 of Annex-1, Schedule-B	General Arrangement of Proposed bridge	The General Arrangement of Proposed bridge like span arrangement, height of Pylon, shape & structure of Pylon, Bridge Deck's structural arrangement, Arch type steel trusses, and the one's mentioned in this chapter etc. shall not deviate from the Design Intent and Tender Drawings.	This is being an EPC contract, request you to allow bidder to modify the span arrangement keeping main span of minimum 480m length.	As per RFP
191	Clause 7.3.1 of Schedule B, Clause 7.4.1.2.(a), of Schedule D	Strand Specification	Strand (Galvanised):- The main tensile elements of PSS stays are coated strands to the requirements of NF A 35--035(Edition 2001) @ [2] with the following characteristics: • nominal dia meter: <u>15.2 mm</u> (TI 5.2 strands); STRAND (a) The seven wire strands shall comply with the requirements in ASTM A416/A416M with the following properties or equivalent code: Nominal diameter (mm) 15.70	In Clause 7.3.1, the minimum diameter of the strand is specified as 15.2 mm, whereas Clause 7.4.1.2(a) specifies a diameter of 15.70 mm. We request the Authority to kindly confirm the correct nominal diameter for the strand.	15.7 mm dia is minimum. Please refer Corrigendum No. 01
192	Clause 2.2.2.2 (a) of RFP	Experience for Design Director	i) Where the Design Director is an in-house employee of the Bidder, the Design Director shall have	As per Clause 2.2.2.2(a), the Design Director is required to have experience in designing at least one Cable-Stayed, Suspension, or Combined Cable-Stayed & Suspension	Refer Corrigendum No. 01

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			<p>proven experience in the design of at least one Cable-Stayed Bridge, Suspension Bridge, or Combined Cable-Stayed and Suspension Bridge having a minimum span of 150 meters. Further, the Design Director shall have been in employment with the Bidder for a minimum period of five (5) years as on the Bid Due Date..</p> <p>or ii) Where the Bidder proposes to engage a Design Director from an external Consultant, such Design Director shall have proven experience in the design of at least one Cable-Stayed Bridge, Suspension Bridge, or Combined Cable-Stayed and Suspension Bridge having a minimum span of 200 meters. In such cases, the Bidder shall submit, along with the Bid, an Internal Memorandum of Understanding (MoU) executed with the Consultant, clearly stipulating that the Design Director shall be jointly and severally liable along with the Bidder for any failure arising out of design deficiencies or defects.</p>	<p>bridge with a minimum span of 150 m (for in-house) or 200 m (for external consultants). However, Clause 2.2.2 of Schedule-D requires the Detailed Design Consultant to have experience with a bridge span of 480 m or more, which contradicts Clause 2.2.2.2(a) above and is highly restrictive due to the limited number of such projects. There is a discrepancy between Cl. 2.2.2.2(a) of the RFP and Cl. 2.2.2 of Schedule-D. We request the Authority to delete the requirement in Cl. 2.2.2 of Schedule-D and align it with Cl. 2.2.2.2(a) of the RFP.</p>	

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis


S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
	Clause 2.2.2 of Schedule-D		*Detailed design consultant must have design experience of design of Cable Stayed and/or Suspension Bridge (Road or Railway), for same or different project, having span equal to or greater than 480m		
193	Clause 7.3.1 Notes 1 of Annex-1, Schedule-B,	General Arrangement of Proposed bridge	Provision made for number of vertical suspenders shown in the tender drawing are mandatory and shall not be deviated. The additional dummy cable (equally on both sides) shall be provided as shown in the tender drawing from aesthetic viewpoint. This bridge should be Hybrid of cable stay bridge and suspension bridge, both in terms of Structural requirements and Aesthetics. Design should not eliminate or reduce the number of cables or suspenders as shown in the drawings. They both should look integrated into a perfect Hybrid bridge.	<p>a) This is being an EPC contract; bidder shall be allowed to decide to alter the vertical arrangement of the main suspension cables with respect to the sag line shown in the reference design?</p> <p>b) This is being an EPC contract, bidder shall be allowed to alter the arrangement of suspenders and dummy suspenders cables with respect to what is shown in the reference design?</p> <p>c) Is it possible to introduce additional supports in the side spans? Please confirm.</p> <p>d) Is it possible to consider alternative cable technology for the main suspension cables and hangers with regards to the specifications in the tender documents?</p>	As per RFP
194	Clause 7.3.1 of Annex-1, Sch-B,	Painting to structures	The Aesthetics of the bridge shall be as shown in the drawings/ GAD. <i>Suitable painting</i> shall be provided to the <i>structures</i> matching the aesthetics of	Please let us know the type of paint to be used for structures painting and its specifications.	Painting Specification shall be referred as per Corrigendum No. 01



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply												
			surrounding and as approved by Authority's Engineer.														
195	Clause 7.3.1 Notes (16) of Annex-1, Schedule-B	anticorrosive treatment to structural steel	Anticorrosive treatment of Metalizing shall be provided for entire structural steel components. Technical Specification & requirements shall be as per Schedule-D and as approved by Authority's Engineer.	Request you to let us know the specifications for anticorrosive treatment required for structural steel, indicating the type of coating components and number of coatings for each component layer and its DFT (Dry Film Thickness), etc.	As per RFP, the corrosive treatment containing all layers / material as per standard provided in the Contract												
196	GAD	Grade of Structural steel	Grade of Structural steel: E410 (FE-540) confirming to IS 2062	We understand that this being an EPC contract, bidders are free to choose the grade of structural steel of superstructure, as per their design requirement and notes mentioned in tender drawings are indicative only. Please confirm.	The grade of structure steel specified shall be followed in totality as far as technical feasible subject to the condition that the minimum grade of steel specified is E410 (Fe-540)												
197	Clause 13, of Schedule-B	Sliding Handrail Length	<p>Sliding Handrail/ Telescoping ladder: The sliding Handrail/ Telescoping ladder as per GAD shall be provided at 60m interval as per Drawing or as per instruction by Authority/ Authority Engineer At walkway.</p> <table border="1"> <thead> <tr> <th>Sr. No</th> <th>Design Chainage From</th> <th>To</th> <th>Side</th> <th>Length (m)</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>87+466</td> <td>88+330</td> <td>BHS</td> <td>864</td> <td>TCS -2/ GAD</td> </tr> </tbody> </table>	Sr. No	Design Chainage From	To	Side	Length (m)	Remarks	1	87+466	88+330	BHS	864	TCS -2/ GAD	<p>As per Schedule B, Clause 13 (Sliding Handrail / Telescoping Ladder), the total length of the sliding handrail is stated as 864 m. However, the GAD drawings indicate that the sliding handrail is 6 m in length and provided only at crossover locations at intervals of approximately 60 m.</p> <p>Accordingly, the total length cannot be 864 m; it should be approximately 170 m. We request the authority to kindly clarify the discrepancy and provide the correct sliding handrail length.</p>	Refer corrigendum No. 01
Sr. No	Design Chainage From	To	Side	Length (m)	Remarks												
1	87+466	88+330	BHS	864	TCS -2/ GAD												

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
	GAD, Walkway Plan, Schedule B, Cl.2.10 (f),		 <p>f. Glass walkways shall have concrete cross over of 6.0m wide at every 60.0 c/c</p>		
198	-	Fenders requirement	Not mentioned	Request you to let us know whether fenders are required in order to avoid collision of boats to the bridge structure during navigation.	As per RFP
199	GAD	Pile Cap location	As per GAD Drawing, the footing has been shown below bed level.	Considering the safety of boats during navigation, we request the Authority to permit the bidders to place the pile cap above the seasonal working water level, in case, pile foundation is adopted.	As per RFP
200	-	Permanent liner	Not mentioned	We request the Authority to kindly confirm whether permanent pile liners are required in case pile foundation are adopted at the P1 and P2 locations.	As per relevant Ministry's Specifications/ IRC Guidelines/BIS Standards/ Codes specified in RFP.
201	-	Barge impact on Foundations	Not mentioned	Request you to let us know whether barge impact on foundations at P1 & P2 locations is required to consider in design of foundations.	As per RFP. Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C. Bidders have to carry their own study, survey, investigations and detailed design.



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply																																																																																																																	
202	EPC Agreement, CI19.10, Page 112 of 407	Price adjustment	<table border="1"> <thead> <tr> <th rowspan="2">Component</th> <th colspan="5">Item</th> </tr> <tr> <th>Earthwork, Gravel work and other works</th> <th>Bituminous work</th> <th>Cement Concrete Pavement</th> <th>Culverts, minor bridges and other structures</th> <th>Major Bridges and Structures</th> </tr> </thead> <tbody> <tr> <td>Labour (PL)</td> <td>[20%]</td> <td>[20%]</td> <td>[20%]</td> <td>[15%]</td> <td>[15%]</td> </tr> <tr> <td>Cement (PC)</td> <td>[5%]</td> <td>Nil</td> <td>[20%]</td> <td>[15%]</td> <td>[15%]</td> </tr> <tr> <td>Steel (PS)</td> <td>Nil</td> <td>Nil</td> <td>Nil</td> <td>[15%]</td> <td>[35%]</td> </tr> <tr> <td>Bitumen (PB)</td> <td>Nil</td> <td>[15%]</td> <td>Nil</td> <td>Nil</td> <td>Nil</td> </tr> <tr> <td>Fuel and lubricants (PF)</td> <td>[10%]</td> <td>[10%]</td> <td>[10%]</td> <td>[10%]</td> <td>[10%]</td> </tr> <tr> <td>Other Materials (PM)</td> <td>[50%]</td> <td>[40%]</td> <td>[35%]</td> <td>[30%]</td> <td>[20%]</td> </tr> <tr> <td>Plant, machinery and spares (PA)</td> <td>[15%]</td> <td>[15%]</td> <td>[15%]</td> <td>[15%]</td> <td>[5%]</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>100%</td> <td>100%</td> <td>100%</td> <td>100%</td> </tr> </tbody> </table>	Component	Item					Earthwork, Gravel work and other works	Bituminous work	Cement Concrete Pavement	Culverts, minor bridges and other structures	Major Bridges and Structures	Labour (PL)	[20%]	[20%]	[20%]	[15%]	[15%]	Cement (PC)	[5%]	Nil	[20%]	[15%]	[15%]	Steel (PS)	Nil	Nil	Nil	[15%]	[35%]	Bitumen (PB)	Nil	[15%]	Nil	Nil	Nil	Fuel and lubricants (PF)	[10%]	[10%]	[10%]	[10%]	[10%]	Other Materials (PM)	[50%]	[40%]	[35%]	[30%]	[20%]	Plant, machinery and spares (PA)	[15%]	[15%]	[15%]	[15%]	[5%]	Total	100%	100%	100%	100%	100%	<p>The allocated payment percentages for steel of Major Bridge and structures are very less and it will affect the cashflow negatively.</p> <p>We request you to modify the payment percentage weightages as below:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Earthwork Granular work and other works</th> <th>Bituminous work</th> <th>Cement Concrete Pavement</th> <th>Culverts minor bridges and other structures</th> <th>Major Bridges and Structures</th> </tr> </thead> <tbody> <tr> <td>Labour (PL)</td> <td>[20%]</td> <td>[20%]</td> <td>[20%]</td> <td>[15%]</td> <td>[20%]</td> </tr> <tr> <td>Cement (PC)</td> <td>[5%]</td> <td>Nil</td> <td>[20%]</td> <td>[15%]</td> <td>[10%]</td> </tr> <tr> <td>Steel (PS)</td> <td>Nil</td> <td>Nil</td> <td>Nil</td> <td>[15%]</td> <td>[35%]</td> </tr> <tr> <td>Bitumen (PB)</td> <td>Nil</td> <td>[15%]</td> <td>Nil</td> <td>Nil</td> <td>Nil</td> </tr> <tr> <td>Fuel and lubricants (PF)</td> <td>[10%]</td> <td>[10%]</td> <td>[10%]</td> <td>[10%]</td> <td>[10%]</td> </tr> <tr> <td>Other Materials (PM)</td> <td>[50%]</td> <td>[40%]</td> <td>[35%]</td> <td>[30%]</td> <td>[20%]</td> </tr> <tr> <td>Plant machinery and spares (PA)</td> <td>[15%]</td> <td>[15%]</td> <td>[15%]</td> <td>[15%]</td> <td>[5%]</td> </tr> <tr> <td>Total</td> <td>100%</td> <td>100%</td> <td>100%</td> <td>100%</td> <td>100%</td> </tr> </tbody> </table>	Component	Earthwork Granular work and other works	Bituminous work	Cement Concrete Pavement	Culverts minor bridges and other structures	Major Bridges and Structures	Labour (PL)	[20%]	[20%]	[20%]	[15%]	[20%]	Cement (PC)	[5%]	Nil	[20%]	[15%]	[10%]	Steel (PS)	Nil	Nil	Nil	[15%]	[35%]	Bitumen (PB)	Nil	[15%]	Nil	Nil	Nil	Fuel and lubricants (PF)	[10%]	[10%]	[10%]	[10%]	[10%]	Other Materials (PM)	[50%]	[40%]	[35%]	[30%]	[20%]	Plant machinery and spares (PA)	[15%]	[15%]	[15%]	[15%]	[5%]	Total	100%	100%	100%	100%	100%	As per RFP
Component	Item																																																																																																																					
	Earthwork, Gravel work and other works	Bituminous work	Cement Concrete Pavement	Culverts, minor bridges and other structures	Major Bridges and Structures																																																																																																																	
Labour (PL)	[20%]	[20%]	[20%]	[15%]	[15%]																																																																																																																	
Cement (PC)	[5%]	Nil	[20%]	[15%]	[15%]																																																																																																																	
Steel (PS)	Nil	Nil	Nil	[15%]	[35%]																																																																																																																	
Bitumen (PB)	Nil	[15%]	Nil	Nil	Nil																																																																																																																	
Fuel and lubricants (PF)	[10%]	[10%]	[10%]	[10%]	[10%]																																																																																																																	
Other Materials (PM)	[50%]	[40%]	[35%]	[30%]	[20%]																																																																																																																	
Plant, machinery and spares (PA)	[15%]	[15%]	[15%]	[15%]	[5%]																																																																																																																	
Total	100%	100%	100%	100%	100%																																																																																																																	
Component	Earthwork Granular work and other works	Bituminous work	Cement Concrete Pavement	Culverts minor bridges and other structures	Major Bridges and Structures																																																																																																																	
Labour (PL)	[20%]	[20%]	[20%]	[15%]	[20%]																																																																																																																	
Cement (PC)	[5%]	Nil	[20%]	[15%]	[10%]																																																																																																																	
Steel (PS)	Nil	Nil	Nil	[15%]	[35%]																																																																																																																	
Bitumen (PB)	Nil	[15%]	Nil	Nil	Nil																																																																																																																	
Fuel and lubricants (PF)	[10%]	[10%]	[10%]	[10%]	[10%]																																																																																																																	
Other Materials (PM)	[50%]	[40%]	[35%]	[30%]	[20%]																																																																																																																	
Plant machinery and spares (PA)	[15%]	[15%]	[15%]	[15%]	[5%]																																																																																																																	
Total	100%	100%	100%	100%	100%																																																																																																																	
203	Clause 19.10, of EPC Document	Price Adjustments for the Works	LO = The consumer price index for industrial workers for the [circle * * * ***** in the State of Telangana], published by Labour Bureau, Ministry of Labour, Government of India, (hereinafter called "CPI") for the month of the Base Date.	We request the authority to provide the circle location to be considered for the Consumer Price Index for Industrial Workers in the State of Telangana.	Refer Corrigendum No. 01																																																																																																																	

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply																																																																																				
204	Annex-II (Schedule-B) Clause 2.2.3, Page 220 of 409	Bridge Structural Response	Note: The above quantities mentioned are indicative, however final quantities shall be based on Contractor's own design with approval from the Authority's Engineer.	In order to avoid any speculative bidding, we request you to allow bidders to quote as per the quantities given in the said clause. If there is any increase in quantities of sensors during execution, the contractor shall be paid as per actuals.	The quantity of sensors and its location to be proposed by Contractors and same need to be approved by PMC/AE. Further, quantity specified is minimum and COS in this regard will not be payable. Bid cost should all inclusive.																																																																																				
205	D-1-1- Geotechnical and geophysical report Part 1 and Part 2	Boreholes coordinates	<table border="1"> <thead> <tr> <th>Sl No.</th> <th>Structure</th> <th>Location CH</th> <th>BH No.</th> <th>Depth Explored (m)</th> <th>Ground water table</th> </tr> </thead> <tbody> <tr><td>13</td><td>MNB 7</td><td>37+150</td><td>BH-1</td><td>20.0</td><td>1.5</td></tr> <tr><td>14</td><td>MNB 8</td><td>37+550</td><td>BH-1</td><td>10.0</td><td>1.5</td></tr> <tr><td>15</td><td></td><td></td><td>BH-2</td><td>14.5</td><td>1.2</td></tr> <tr><td>16</td><td>MNB 11</td><td>43+150</td><td>BH-1</td><td>20.0</td><td>1.4</td></tr> <tr><td>17</td><td>MNB 13</td><td>46+300</td><td>BH-1</td><td>16.5</td><td>1.4</td></tr> <tr><td>18</td><td>MNB 15</td><td>52+505</td><td>BH-1</td><td>20.0</td><td>2.5</td></tr> <tr><td>19</td><td>MNB 18</td><td>60+600</td><td>BH-1</td><td>15.0</td><td>2.2</td></tr> <tr><td>20</td><td>MNB 11</td><td>77+170</td><td>BH-1</td><td>11.0</td><td>1.5</td></tr> <tr><td>21</td><td></td><td></td><td>BH-1*</td><td>20.0</td><td>Not met</td></tr> <tr><td>22</td><td></td><td></td><td>BH-2*</td><td>25.0</td><td>2.9m</td></tr> <tr><td>23</td><td>MIB 3</td><td>88+100</td><td>BH-3*</td><td>15.0</td><td>Not met</td></tr> <tr><td>24</td><td></td><td></td><td>BH-4*</td><td>20.0</td><td>3.5m</td></tr> <tr><td>25</td><td></td><td></td><td>BH-5*</td><td>20.0</td><td>3.8m</td></tr> </tbody> </table> <p>Note1: 1&2 TELANGANA SITE BORE HOLES. Note2: 3,4&5 ANDHRA SITE BORE HOLES.</p>	Sl No.	Structure	Location CH	BH No.	Depth Explored (m)	Ground water table	13	MNB 7	37+150	BH-1	20.0	1.5	14	MNB 8	37+550	BH-1	10.0	1.5	15			BH-2	14.5	1.2	16	MNB 11	43+150	BH-1	20.0	1.4	17	MNB 13	46+300	BH-1	16.5	1.4	18	MNB 15	52+505	BH-1	20.0	2.5	19	MNB 18	60+600	BH-1	15.0	2.2	20	MNB 11	77+170	BH-1	11.0	1.5	21			BH-1*	20.0	Not met	22			BH-2*	25.0	2.9m	23	MIB 3	88+100	BH-3*	15.0	Not met	24			BH-4*	20.0	3.5m	25			BH-5*	20.0	3.8m	<p>As per the provided borehole table, 5 boreholes have taken near CH: 88+100 km, which is close to the P2 Pylon location.</p> <p>However, according to the notes, BH-1 and BH-2 are taken on the Telangana side, while BH-3, BH-4, and BH-5 are taken on the Andhra Pradesh side.</p> <p>For better clarity and to facilitate the design of both pylon foundations, we kindly request the Authority to provide the borehole coordinates (Northing and Easting) for BH-1 to BH-5.</p> <p>Additionally, we request the Authority to share borehole data for the A1 & A2 Anchorage locations as well as both approach locations.</p>	<p>Geotechnical report is attached herewith for reference purpose with disclaimer (please refer Addendum-1). However, development of the project Highway shall include design and construction of the project highway as described in Schedule B and in Schedule C. Bidders have to carry their own study, survey, investigation and detailed design.</p>
Sl No.	Structure	Location CH	BH No.	Depth Explored (m)	Ground water table																																																																																				
13	MNB 7	37+150	BH-1	20.0	1.5																																																																																				
14	MNB 8	37+550	BH-1	10.0	1.5																																																																																				
15			BH-2	14.5	1.2																																																																																				
16	MNB 11	43+150	BH-1	20.0	1.4																																																																																				
17	MNB 13	46+300	BH-1	16.5	1.4																																																																																				
18	MNB 15	52+505	BH-1	20.0	2.5																																																																																				
19	MNB 18	60+600	BH-1	15.0	2.2																																																																																				
20	MNB 11	77+170	BH-1	11.0	1.5																																																																																				
21			BH-1*	20.0	Not met																																																																																				
22			BH-2*	25.0	2.9m																																																																																				
23	MIB 3	88+100	BH-3*	15.0	Not met																																																																																				
24			BH-4*	20.0	3.5m																																																																																				
25			BH-5*	20.0	3.8m																																																																																				
206	Clause 3.1, of Schedule-P	Insurance against injury to persons and damage to property	The Contractor shall insure against its liability for any loss, damage, death or bodily injury, or damage to any property (except things insured under Paragraphs 1 and 2 of this Schedule or to any	We request the authority to provide the value of the insurance cover to be considered for this project.	As per RFP																																																																																				

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply								
			person (except persons insured under Clause 20.9), which may arise out of the Contractor's performance of this Agreement. This insurance shall be for a limit per occurrence of not less than the amount stated below with no limit on the number of occurrences. The insurance cover shall be not less than: Rs. [*****]										
207	Clause 1.1.1 of RFP	Estimated Project cost	<table border="1"> <thead> <tr> <th>Name of the National Highway Project</th> <th>Length</th> <th>Estimated Project Cost (In Rs. cr.) excl. GST</th> <th>No of months for completion of work</th> </tr> </thead> <tbody> <tr> <td>Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis</td> <td>1077 m (1/3 Bridge proper of 694m length)</td> <td>Rs. 816.10 Crore</td> <td>36 Months</td> </tr> </tbody> </table>	Name of the National Highway Project	Length	Estimated Project Cost (In Rs. cr.) excl. GST	No of months for completion of work	Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis	1077 m (1/3 Bridge proper of 694m length)	Rs. 816.10 Crore	36 Months	As this Hybrid Cable-Stayed and Suspension Bridge is the first of its kind in India, its execution will require significant resources. Therefore, we request the authority to increase the estimated project cost to ₹1,500 Cr (excluding GST).	As per RFP
Name of the National Highway Project	Length	Estimated Project Cost (In Rs. cr.) excl. GST	No of months for completion of work										
Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis	1077 m (1/3 Bridge proper of 694m length)	Rs. 816.10 Crore	36 Months										
208	-	Hydrological data	-	Kindly provide the hydraulic report/data for the bridge locations, along with past water level records of the Krishna River.	As per RFP. Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C. Bidders have to carry their own study, survey, investigations and detailed design. Further, contractor may obtain the relevant data from concerned authority. Bid cost should all inclusive.								

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
209	-	Cad and KMZ files	-	Kindly provide all the drawings in Auto Cad format.	As per RFP
210	Schedule-B, Clause. no.10,	Compulsory Afforestation	Compulsory afforestation should be provided as per IRC: SP:21-2009 and as per demand of forest department as per Forest Conservation Act.	We request you to provide the exact number of trees to be planted for compulsory afforestation.	As per RFP
211	Annex-IV (Schedule-A)	Environmental Clearances	The project highway/ Bridge is passing through green field alignment. The Project Highway / Bridge is less than 100km length and the Right of Way or land acquisition is less than 60m on new alignment. Therefore, as per the amendments issued to EIA Notification, 2006 amended vide Notification S.O 2559(E), Dt. 22.08.2013, environmental and forest clearance is obtained by the client / clearance will be given within 90 days from the date of appointment	Request you to let us know the status of Environmental and Forest clearance.	As per RFP. The proposal for forest/ wildlife clearance for ROW is currently under process.
212	Clause 14.4 of EPC Document	Safety, vehicle breakdowns and accidents	(ii) The Contractor shall maintain and operate a round-the-clock vehicle rescue post with 1 (one) mobile crane having the capacity to lift a truck with a Gross Vehicle Weight of 30,000 (thirty thousand) kilograms; and such post shall be located at [****]. The Contractor	We request the authority to provide the location to be considered for the vehicle rescue post.	The location of rescue post shall be finalised in consultation of Authority/ PMC at site.



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			shall promptly remove any damaged vehicles and debris from the Project Highway to enable safe movement of traffic and shall report all accidents to the police forthwith.		
213	-	Approach Road towards A1 Location (Telangana side)	There is no approach road towards A1 location (Telangana side).	As there is no approach road towards A1 location (Telangana side), we understand that the incurred cost for construction of approach road (Approx 10km) will be paid by the Authority, over and above the contract price. Please confirm.	<p>Bid cost should all-inclusive including cost of construction of access/temporary construction. All the permission required for access / temporary construction etc shall have to be obtained by Contractor. The responsibility of accessibility to the site lies with the contractor.</p> <p>Since, the work is on EPC mode hence Bidders have to carry their own study, survey, investigation and detailed design to ensure the logistic movement.</p>
214	Clause 12.2 & 17 of Schedule B	Change of Scope	Clause 12.2- Any additional length and/or Height of RE wall required as per site requirement shall not constitute as Change of Scope, save and except any variations arising out of a Change of Scope expressly undertaken in accordance with the provisions of Article13.	<p>At the time of bidding, bidder are unable to undertake detailed surveys for verifying the structural lengths and must therefore depend exclusively on the scope and data furnished in the tender schedules.</p> <p>The bidder assumes that the information provided therein is accurate and forms the basis for bid price determination.</p> <p>Any deviation in the actual structural lengths may lead to financial implications for the bidder. Accordingly, we</p>	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			Clause 17- The length of Structures and bridges specified here in above shall be treated as a minimum requirement. 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.	request deletion of this provision to prevent any potential escalation in the contract price for the Authority.	
215	Clause14.1 (ii)b of EPC Document	Electricity charges	During the Maintenance Period, the Authority shall provide to the Contractor access to the Site for Maintenance in accordance with this Agreement. The obligations of the Contractor hereunder shall include: (a)permitting safe, smooth and uninterrupted flow of traffic on the Project Highway; (b) undertaking routine maintenance including prompt repairs of potholes, cracks, joints,	As per other projects under MoRTH/NHAI, the electricity charges incurred during the maintenance period for operating the project's electrical infrastructure are paid by the Authority. Only during the construction phase electricity charges is paid by the contractor but during the maintenance phase for operating the project's electrical infrastructure electricity charges is paid by the authority. If this obligation is included under the contractor's scope, the maintenance cost will not be sufficient.	As per RFP. Bid cost should all-inclusive including electrical charges during maintenance

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			drains, embankments, structures, pavement markings, lighting, road signs and other traffic control devices, the electricity charges for operation of electrical infrastructure installed along the project length, the infrastructure being used by the Contractor for its own use;	We therefore request the Authority to kindly delete this point from the contractor's obligations.	
216	Clause 7.3.1 Note 1 of Schedule B	Span Arrangement	The Hybrid Suspension & Cable stayed iconic bridge as per GAD shall be provided. The General Arrangement of Proposed bridge like span arrangement, height of Pylon, shape & structure of Pylon, Bridge Deck's structural arrangement, Arch type steel trusses, and the one's mentioned in this chapter etc. shall not deviate from the Design Intent and Tender Drawings	Kindly clarify whether the span arrangement (main span and side spans) as shown in the tender drawings is mandatory, or whether any change in span arrangement is permitted to meet structural and serviceability requirements	As per RFP
217	Clause 7.3.1 Note 1 of Schedule B	Pylon Height	The Hybrid Suspension & Cable stayed iconic bridge as per GAD shall be provided. The General Arrangement of Proposed bridge like span arrangement, height of Pylon, shape & structure of Pylon, Bridge Deck's structural arrangement, Arch type steel	Kindly clarify whether the pylon height above deck as shown in the tender drawings is mandatory, or whether any change in pylon height is permitted to meet structural and serviceability requirements	As per RFP

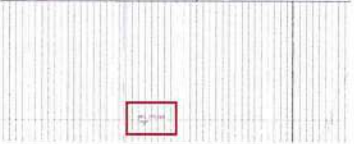
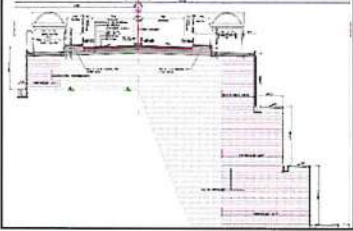
apl

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			trusses, and the one's mentioned in this chapter etc. shall not deviate from the Design Intent and Tender Drawings		
218	-	Hydrology	Hydrology for the Iconic bridge not provided	Kindly note that detailed hydrological data for the project site has not been provided in the tender documents. Kindly provide the hydrological study data including design discharge, flow velocity, afflux, and design scour depth to be adopted for design.	As per RFP. Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C. Bidders have to carry their own study, survey, investigations and detailed design. Further, contractor may obtain the relevant data from concerned authority. Bid cost should all inclusive.
219	-	Navigational Requirement	-	Kindly confirm whether the given span (P1 to P2) is navigational. If so, please specify the navigational channel limits and the resulting horizontal clearance.	It is navigational channel; other data is to be obtained from the Concerned department on his own
220	-	Navigational Requirement	-	In continuation of the above query, kindly confirm whether the substructure and foundation have been designed for barge impact. If yes, please specify the applicable class of waterway.	Contractor is free to design sub structure and foundation including its type, based on his finding and as per RFP including barge impact.
221	Clause 1.2 of Annex I, of Schedule A	High Level Flood	1.2. The HFL of 270.880m indicated in GAD shall be treated as the minimum design HFL, and under no circumstances shall the Contractor adopt or consider a lower HFL for the purposes of design and construction.	There is a discrepancy between Clause 1.2 of Schedule A, Clause 7.3.1 of Schedule B, and the drawings regarding the HFL level. We request the Authority to kindly clarify which HFL should be referred to.	HFL - 271.880, please refer Corrigendum No. 01

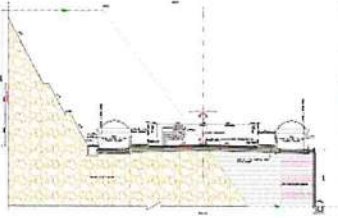
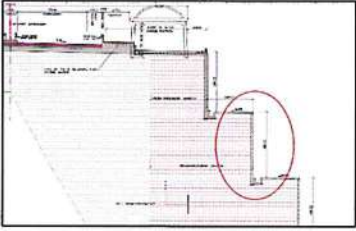
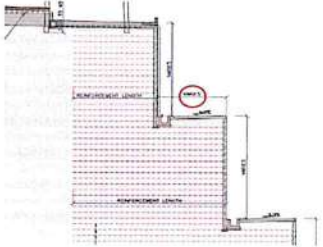
APL

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
	Cl.7.3.1 of Schedule B D-2-1-Plan and profile, D3, D4, Page no.3		The bottom/ Soffit of superstructure shall be 29.515m from the HFL of 271.880 		
222	TCS -1	Ground Level data		As per TCS-1 it can be seen that there is massive filling on LHS and RHS side from chainage 87+360 to 87+405 According to the TCS, the proposed width of the structure/highway is more than 35 meters. The L-section details for 12 meters on the right-hand side (RHS) and left-hand side (LHS) are provided. Please provide L-section details up to 35 meters on both the LHS and RHS at closer intervals to accurately assess the fill quantities for the project.	As per RFP. Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C. Bidders have to carry their own study, survey, investigations and detailed design at his own cost.



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
223	TCS - 3	Ground Level data		As per TCS-3 it can be seen that there is massive cutting on LHS and RHS side from chainage 88+391 to 88+437. According to the TCS, the proposed width of the structure/highway is more than 35 meters. The L-section details for 12 meters on the right-hand side (RHS) and left-hand side (LHS) are provided. Please provide L-section details up to 35 meters on both the LHS and RHS at closer intervals to accurately assess the cut quantities for the project.	As per RFP. Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C. Bidders have to carry their own study, survey, investigations and detailed design at his own cost.
224	TCS-01	Height of RE wall		In reference to the TCS shown in the snapshot, bidder request you to provide maximum height RE wall to be provided for TCS-01.	As per RFP. Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C. Bidders have to carry their own study, survey, investigations and detailed design at his own cost.
225	TCS-01	Width of benching		As shown with red circle in the snapshot, the width of benching shown is "varies". Please confirm the width of benching.	As per RFP. Development of the Project Highway Shall include design and construction of the project highway as described in Schedule - B and in Schedule - C. Bidders have to carry their own study, survey, investigations and detailed design at his own cost.

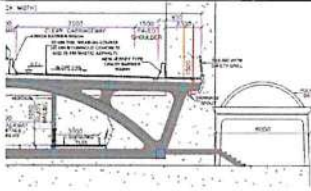


Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
226	GAD for MJB across Krishna River	Type of foundation	Open foundation has been shown for MJB over Krishna River.	As per tender GAD open foundation has been shown for the pylons, please confirm if bidder is free choose any type of the foundation such as pile etc. based on the geotechnical requirements.	Contractor is free to propose his own design for foundation including its type.
227	Clause 1.2 of Annex II, Schedule B	Digital Twin	Therefore, there is requirement of preparation of the digital twin of the cable stay bridge which is subjected to instrumentation for continuous monitoring of the design and in-service parameters. The digital twin will be based on the reduced based finite element modelling for faster and accurate data analysis. One of the major benefits of dynamic monitoring is the possibility to exploit the recorded data for the application of vibration-based damage identification techniques which are extremely helpful for early-stage damage identification	Kindly clarify the intended scope and level of detail of the reduced-order finite element model. Specifically, whether the digital twin shall represent global structural behaviour only (deck-pylon-cable interaction) or also include local member-level response (e.g., deck girders, pylon segments, cable anchorage zones).	As per RFP.
228	Clause 7.1 of Annex II, Schedule B	Digital Twin	The digital twin will be prepared using reduced based finite element analysis for real time monitoring of the forces structural members by using software like Akselos or equivalent. The data from the calibrated instrumentation will be integrated	Please clarify the acceptance / validation criteria for the digital twin, i.e., permissible deviation between measured response and simulated response (frequencies, cable forces, displacements) during calibration and operation stages.	As per RFP



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			with the digital twin to record and compare the response of the structural members thereby bridge in particular		
229	Clause 7.3 Note no.9 of Schedule B	Design and Construction sequence for Cable stay bridge	Contractor would not be given any freedom to change the design and construction sequence decided by the PMC Consultant.	Kindly clarify that construction sequence proposed by PMC shall be issued before detailed design finalisation, and any changes due to safety, equipment availability, or site constraints shall be permitted with AE approval.	Construction sequence given in tender document is one of the possible methods. Contractor is free to propose its own methodology but it has to be accepted and approved by PMC/AE.
230	Design	Response Spectrum	-	For Hybrid Cable stay bridge having individual span length is more than 150m and height of pier more than 70m use of site specific response spectrum needed. Please provide site specific spectra for cable stayed bridge.	As per RFP
231	Design	Seismic Zone	-	As per IRC SP 114, structure is situated in seismic zone 2. Please confirm the same.	As per RFP
232	Clause 7.3 Note no.1 of Schedule B	Hybrid Cable stay bridge	This bridge should be Hybrid of cable stay bridge and suspension bridge, both in terms of Structural requirements and Aesthetics.	Please define objective acceptance criteria for "hybrid" behaviour (load sharing, stiffness contribution, cable force participation), to avoid subjective interpretation during approval.	As per RFP
233	TCS	Polycarbonate Sheet		Please provide specification for polycarbonate sheet shown for shaded pedestrian ramps.	As per RFP
234	-	Borehole data at Anchor block location	No boreholes have been provided at the anchor block locations.	Request you to provide boreholes at both anchor block locations, as these locations are critical for the design of the	Geotechnical report is attached herewith for reference purpose with disclaimer (please refer Addendum-



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
				anchor blocks where the suspended cables will be anchored.	1). However, development of the project Highway shall include design and construction of the project highway as described in Schedule B and in Schedule C. Bidders have to carry their own study, survey, investigation and detailed design.
235	Article 4.8 of the EPC Agreement,	Unforeseeable difficulties - Obligations of the Contractor	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 does not have access to full site information and cannot foresee every difficulty/hindrances /encumbrance that may arise during execution. Therefore, the Bidder should be entitled to reasonable time extension and cost compensation for unforeseen difficulties encountered during execution. Request to modify this clause accordingly.	As per RFP
236	Article 8.4 of the EPC Agreement,	RIGHT OF WAY - Site to be free from Encumbrances	For the avoidance of doubt, it is agreed that the existing rights of way, easements, privileges, liberties and appurtenances to the Site shall not be deemed to be Encumbrances. It is further agreed that, unless otherwise specified in this Agreement, the Contractor	At the bidding stage, the bidder is not in a position to conduct its own investigation of site conditions and hence cannot bear the risks on account of inadequacy or physical condition of the Site. Also, the existing rights of way, easements, privileges, liberties and appurtenances to the Site may create hindrances in execution of Project works. Hence, it is requested to modify the Clause as given below:	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			accepts and undertakes to bear any and all risks arising out of the inadequacy or physical condition of the Site.	<i>"For the avoidance of doubt, it is agreed that the existing rights of way, easements, privileges, liberties and appurtenances to the Site shall not be deemed to be Encumbrances as long as it does not adversely affect Construction and Maintenance of the Project."</i>	
237	Article 10.2 (v) of the EPC Document	Design and Drawings	Any cost or delay in construction arising from the review by the Authority Engineer shall be borne by the Contractor.	In case of prolonged/delayed review of design/drawings submitted by the Contractor, the planned activities may be invariably delayed. The Contractor may incur losses/additional costs on account of such delays, which in turn shall delay the completion of project. Therefore, such arbitrary provision may lead to increase in Contract Price to the Authority and accordingly, it is requested to delete such unilateral provision.	As per RFP
238	3.1(v) of EPC Document	Obligations of the Authority	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
239	Clause 7.3, of EPC Document	Article 7.3 Appropriation of	(i) Upon occurrence of a Contractor's Default, the Authority shall, without prejudice to its other	This Clause provides for encashment of performance BGs without prior intimation, which is an unfair business practice and would affect the execution of Project as well. It is	As per RFP

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
		Performance Security	rights and remedies hereunder or in law, be entitled to encash and appropriate the relevant amounts from the Performance Security as Damages for such Contractor's Default.(ii) Upon such encashment and appropriation from the Performance Security, the Contractor shall, within 30 (thirty) days thereof, replenish, in case of partial appropriation, to its original level the Performance Security, and in case of appropriation of the entire Performance Security provide a fresh Performance Security, as the case may be, and the Contractor shall, within the time so granted, replenish or furnish fresh Performance Security as aforesaid failing which the Authority shall be entitled to terminate the Agreement in accordance with Article 23. Upon replenishment or furnishing of a fresh Performance Security, as the case may be, as aforesaid, the Contractor shall be entitled to an additional Cure Period of 30 (thirty) days for remedying the	requested to include a provision of 30 day notice prior to encashment of PBG.Replenishment or provision of fresh BG upon encashment is totally an unfair condition. Such type of clauses are not forming part of any of FIDIC form of contract and thus required to be deleted to ensure fair business practices.	



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			Contractor's Default, and in the event of the Contractor not curing its default within such Cure Period, the Authority shall be entitled to encash and appropriate such Performance Security as Damages, and to terminate this Agreement in accordance with Article 23.		
240	Clause 8.3.1 of EPC Document	Damages for delay in handing over the Site	Clause 8.3: Damages for delay in handing over the Site Amount of damages in Rs. Per day per metre = $0.05 \times C \times 1/N \times 1/L$	The formula prescribed in Clause no. 8.3(i) does not compensate the contractor actual damages incurred on account of delay in providing Right of way. The compensation calculated in terms of the given formula is very less as compared to actual cost incurred. Hence, it is requested to delete the formula and provide damages incurred on actual cost basis.	As per RFP
241	Clause 26.3 (vi) of the EPC Document	Dispute Resolution	Notwithstanding anything to the contrary contained in the Agreement, it is agreed that any Dispute between the Parties the sum of which is of value equal to or above Rupees 10 Crores shall not be referred to Arbitration. It is further agreed that all declaratory disputes or non-monetary disputes shall not be referred to Arbitration. For the avoidance of doubt, it is clarified that nothing herein shall prevent the Parties	The current provision restricts the dispute valuing equal to or more than Rs. 10 Crs for being referred to Arbitration and mandates resolution of disputes through Civil Courts. The resolution of disputes through courts is a very time-consuming process. The sole intention of inclusion of Arbitration process was to provide swift resolution of disputes through Arbitrators which have technical expertise/industry specific knowledge. This is crucial for complex cases. Therefore, it is requested to modify the clause allowing the disputes of value ₹10 Crores or above to be referred to Arbitration as per the Arbitration and Conciliation Act, 1996 (amended from time to time).	As per RFP. Please refer corrigendum No. 01


Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			from seeking resolution of such Disputes through civil courts.		
242	Clause 1.1.2 Note ii of Annex-I of Schedule-B	Design Chainage corresponding to Existing Chainage	The entire Cross-sectional elements shall be accommodated in proposed ROW. If required, suitable retaining / slope protection structures shall be provided to accommodate the highway cross section within proposed ROW and same shall not constitute a change of scope.	At the bidding stage, the bidder is not in a position to envisage the extent of additional slope protection structures to be provided to accommodate the highway cross section. Hence, in order to avoid speculative bidding, such additional structures shall constitute a change of scope during the execution of Works. Thus, it is requested to delete such provision.	As per RFP
243	Clause 17 of Annex-I of Schedule-B	Change of Scope	The length of Structures and bridges specified here in above shall be treated as a minimum requirement. 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 investigations for verification of length of bridges and hence has to rely upon the scope/data provided by Authority in Schedules/Agreement/Drawings of tender document. The Bidder understands that the scope defined in the schedules is accurate and thereby forms the basis 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

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply										
244	Clause 10 of Annex-I of Schedule-B	Compulsory Afforestation	Compulsory afforestation should be provided as per IRC: SP:21-2009 and as per demand of forest department as per Forest Conservation Act.	Kindly Confirm the details regarding the provision of the Land to be provided for afforestation.	As per RFP. Within RoW or as directed by the Authority										
245	Clause 1.2 of Schedule H	Contract Price Weightages	<p>1.2 Proportions of the Contract Price for different stages of Construction of the Project Highway shall be as specified below:</p> <table border="1"> <thead> <tr> <th colspan="2">C - New major bridges.</th> </tr> </thead> <tbody> <tr> <td>(1) Foundation: on completion of the foundation work of pylon.</td> <td align="right">5.50%</td> </tr> <tr> <td>(2) Sub-structure: On completion of Lower Pylon upto Deck level, Anchor Block, etc.</td> <td></td> </tr> <tr> <td>(a) Lower pylons up to deck soffit level</td> <td align="right">8.94%</td> </tr> <tr> <td>(b) Anchor Blocks</td> <td align="right">7.76%</td> </tr> </tbody> </table>	C - New major bridges.		(1) Foundation: on completion of the foundation work of pylon.	5.50%	(2) Sub-structure: On completion of Lower Pylon upto Deck level, Anchor Block, etc.		(a) Lower pylons up to deck soffit level	8.94%	(b) Anchor Blocks	7.76%	<p>The payment percentage weightage allocated for the foundation and sub-structure is very low and disproportionate, and this may adversely affect the project cash flow.</p> <p>Hence, we request the concerned authority to incorporate the changes as per attached annexure-1 and issue the corrected Schedule-H.</p>	As per RFP
	C - New major bridges.														
(1) Foundation: on completion of the foundation work of pylon.	5.50%														
(2) Sub-structure: On completion of Lower Pylon upto Deck level, Anchor Block, etc.															
(a) Lower pylons up to deck soffit level	8.94%														
(b) Anchor Blocks	7.76%														
	Clause 1.3.1 of Schedule H		<p>(b4) supply, fabrication and erection of structural steel (incl. Metallization of Steel Segments, cladding, support system for glass pylon/cable/wallows & canopy structure at both pylons) 36.00%</p> <p>a) Fifty-five percent (55%) of the payable amount shall be released upon supply of materials and completion of fabrication and assembly of the truss segments at site, in accordance with the approved drawings and as per the applicable specifications.</p> <p>b) Forty percent (40%) of the payable amount shall be released upon successful erection and positioning of the truss segments in their final location, including completion of all required level drawings and certifications as per the specifications and approved erection methodology.</p>	<p>Under the payment percentage weightage, the allocation for the supply and fabrication of structural steel does not provide a separate payment provision for the supply of materials.</p> <p>The payment percentage weightage specified in the Payment Procedure may be further bifurcated into two separate parts: one portion of the payable amount to be released upon supply of materials, and the remaining portion to be released upon completion of fabrication and assembly of the truss segments at site, as mentioned in the attached Annexure-I.</p> <p>We request the authority to update the changes as per the attached annexure no.1 and issue the corrected Schedule-H.</p>	As per RFP										

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis


S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply																					
246	Clause 7.3.1 Notes 1 of Annex-1, Schedule-B	General Arrangement of Proposed bridge	<p>The General Arrangement of Proposed bridge like span arrangement, height of Pylon, shape & structure of Pylon, Bridge Deck's structural arrangement, Arch type steel trusses, and the one's mentioned in this chapter etc. shall not deviate from the Design Intent and Tender Drawings.</p> 	<p>We understand that the shape of the Arch-type steel superstructure is not mandatory. As this is an EPC contract, the bidder shall be permitted to modify the shape of the Arch-type steel superstructure.</p> <p>Please Confirm.</p>	As per RFP																					
247	Clause 1.3 of RFP	Extension of bid due date and query submission deadline.	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Event Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Expiration of RFP (BID)</td> <td>30.12.2025</td> </tr> <tr> <td>2</td> <td>Last date for receiving queries</td> <td>29.01.2026 @ 15:00 hrs</td> </tr> <tr> <td>3</td> <td>Pre-BID meeting at venue 2.11.4 (a)</td> <td>30.01.2026 @ 15:00 hrs</td> </tr> <tr> <td>4</td> <td>Authority response to queries latest by</td> <td>06.02.2026</td> </tr> <tr> <td>5</td> <td>Last date of Request for BID Document</td> <td>16.02.2026, up to 15:00 hrs</td> </tr> <tr> <td>6</td> <td>BID Due Date</td> <td>16.02.2026, up to 15:00 hrs</td> </tr> </tbody> </table>	Sl. No.	Event Description	Date	1	Expiration of RFP (BID)	30.12.2025	2	Last date for receiving queries	29.01.2026 @ 15:00 hrs	3	Pre-BID meeting at venue 2.11.4 (a)	30.01.2026 @ 15:00 hrs	4	Authority response to queries latest by	06.02.2026	5	Last date of Request for BID Document	16.02.2026, up to 15:00 hrs	6	BID Due Date	16.02.2026, up to 15:00 hrs	<p>Considering the complexity of this project and as it is being executed on an EPC basis, extensive inputs are required from the design consultants and vendors.</p> <p>In view of the above, we request the Authority to extend the bid submission date by at least three weeks, i.e., up to 09th March 2026</p> <p>And we also request the Authority to extend the last date for submission of queries by one week, i.e., up to 6th February 2026.</p>	As per RFP
Sl. No.	Event Description	Date																								
1	Expiration of RFP (BID)	30.12.2025																								
2	Last date for receiving queries	29.01.2026 @ 15:00 hrs																								
3	Pre-BID meeting at venue 2.11.4 (a)	30.01.2026 @ 15:00 hrs																								
4	Authority response to queries latest by	06.02.2026																								
5	Last date of Request for BID Document	16.02.2026, up to 15:00 hrs																								
6	BID Due Date	16.02.2026, up to 15:00 hrs																								
248	Clause.7.4.1.1. (a) WIRE, Annex-II (Schedule D)	Galvanizing to the wires	(a) The galvanization of wires shall comply with the following requirements:	As per clause no 7.4.1.1 (a), the mass of zinc coating per unit area is specified as an average minimum of 280 g/m ² with an absolute minimum of 220 g/m ² .	As per RFP																					



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			<ul style="list-style-type: none"> • Zinc with minimum 99.95% purity • Galvanizing to the wires shall in average be of a minimum of 280g/m² with an absolute minimum of 220g/m². The galvanization of wires is to be applied uniformly without drops or local thickenings. 	<p>Based on the inputs received from strand suppliers (both European and Asian), it is observed that they generally do not consider an average minimum zinc coating mass of 280 g/m² with an absolute minimum of 220 g/m² for galvanization of wires. Instead, the zinc coating mass typically offered by suppliers ranges from 190 g/m² to 350 g/m².</p> <p>Hence, we request the authority to reconsider this clause in line with prevailing industry practices.</p>	
249	Clause 7.4.1.3.(h) SHEATHING , Annex-II Schedule D	HDPE Sheathing diameter	(h) The thickness of the individual HDPE sheaths shall be greater than 1.5mm and the outer diameter of sheathed seven-wire strands shall be less than 18.9mm.	<p>As per Clause No. 7.4.1.3 (h), the sheath thickness is required to be greater than 1.5 mm, and the outer diameter of the sheathed strand is limited to less than 18.9 mm. These two requirements contradict and restrict each other. For example, if a sheath thickness of 1.6 mm (which is greater than 1.5 mm) is considered, the resulting outer diameter of the sheathed strand becomes: - $15.7 \text{ mm} + 2 \times 1.6 \text{ mm} = 18.9 \text{ mm}$</p> <p>This value does not satisfy the second requirement, which specifies that the outer diameter of the sheathed strand shall be less than 18.9 mm.</p> <p>It may also be noted that maintaining an outer diameter consistently below 18.9 mm is very stringent and difficult to achieve in practice.</p> <p>Therefore, we propose that the acceptable outer diameter range be revised to 18.7 mm - 19.5 mm, considering a strand diameter of 15.7 mm with HDPE sheath thickness varying from 1.5 mm to 1.9 mm on each side, as shown below:- $15.7 \text{ mm} + 2 \times (1.5-1.9) \text{ mm} = 18.7-19.5 \text{ mm}$</p>	As per RFP
250	Clause 1 (O) of	Training of personnel.	O. Training of personnel. - Details not provided in Tender Document.	We understand that Point O, Training of Personnel, forms part of Clause 1, Project Facilities, which is to be provided	Refer Corrigendum No. 01

Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
	SCHEDULE C			by the Contractor. We request the Authority to kindly provide further details regarding the scope and requirements of the training of personnel.	
251	Clause 2.1 of Schedule K	Visual and physical test	Visual and physical test: The Authority's Engineer shall conduct a visual and physical check of construction to determine that all works and equipment forming part thereof conform to the provisions of this Agreement. The physical tests shall include [***].	We request the Authority to provide details of the physical tests that will be conducted by the Authority's Engineer.	As per RFP
252	Clause 2 (J) Point (b) of Schedule C	Inspection Trolley Drawing	A Mechanical/ Electromechanical/ Hydraulic/Electronic system shall be developed and provided for cleaning, maintenance of the glass floor, glass railings, (from all sides) entire walkway, its structural parts. The system shall be in operation throughout the maintenance period. Tentative sketch is as shown below. 3 no' s of trollies are to be provided as shown in the TCS below: 	This is a special type of equipment that is required to be provided by the Contractor. As this equipment is not widely manufactured or commonly used in India, we request the Authority to provide detailed drawings of the inspection trollies, including information such as dimensions, drive system, and wheel arrangement.	As per RFP. The inspection trolley sketch shown in the RFP is indicative in nature. The contractor shall be responsible for developing and submitting the final design, which shall be subject to approval by the AE/PMC.
253	Clause 7.3.1 Notes 1 & 5	Arch type steel trusses	1. The Hybrid Suspension & Cable stayed iconic bridge as per GAD shall be provided. The General	We understand that there are various complexities associated with the adoption of arch-type steel trusses; some of the major complexities are outlined below:	As per RFP



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
	of Annex-1, Schedule-B		<p>Arrangement of Proposed bridge like span arrangement, height of Pylon, shape & structure of Pylon, Bridge Deck's structural arrangement, Arch type steel trusses, and the one's mentioned in this chapter etc. shall not deviate from the Design Intent and Tender Drawings.</p> <p>5. The truss structure shall be with structural steel and the entire structure shall be designed for bottom deck with pedestrian facilities, top deck allows vehicular traffic and other facilities as shown in TCS, GAD for class A / 70R/ special vehicle/ seismic / wind loads as per relevant IRC codes / design standards specified in Schedule-D.</p>	<p>1) Larger wind profile will attract higher lateral wind loads and possibly adverse dynamic effects.</p> <p>2) Increased lifting weights of deck segments would elevate safety hazards during free-cantilever erection.</p> <p>3) Complex joints at two levels would increase construction risks and could result in delays to project progress.</p> <p>Hence, we request the Authority to allow the bidder the flexibility to decide the shape & type of superstructure.</p>	
254	Clause 2.2.2.2 (ii) of RFP	Qualification criteria for Major Bridge	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 the Joint Venture shall necessarily demonstrate additional experience in construction of Major Bridge/ROB/Flyover/Tunnel in the	<p>Due to the above modification, the qualification criteria have become significantly restrictive, resulting in many otherwise eligible and experienced bidders becoming ineligible, which may adversely affect healthy and competitive participation in the bid.</p> <p>In view of the above, we respectfully request you to kindly restore the earlier Clause 2.2.2 (ii) or revise the qualification criteria in line with MoRTH standard provisions, as adopted</p>	As per RFP



Construction of Iconic Hybrid Cable Stayed and Suspension Bridge Across Krishna River on NH -167K (Design Chainage km 87+360 to km 88+437) in the States of Telangana and Andhra Pradesh on Engineering, Procurement and Construction (EPC) Basis

S. No	Reference Clause No.	Subject	Existing Condition	Suggestion / Query by Bidder	Reply
			last 7 (seven) financial years preceding the Bid Due Date or till the Bid Due Date, i.e., shall have completed at least one similar Major Bridge/ROB/Flyover having length equal to or greater than: (a) 80% of the longest span of the structure proposed in this project and 40% of the length of the Major Bridge/ROB/Flyover of the structure proposed in this project.	in similar projects, to ensure wider participation and fair competition.	
255	Clause 1.3. Schedule of Bidding Process of RFP	Bid Due date	16.02.2026, up to 15:00 hrs	In this light, we further request you to kindly Extend the Bid Due date.	As per RFP

Note: The above replies shall not be construed as modification of the contract / RFP conditions unless specifically modified through a corrigendum / addendum.



**Executive Engineer
For CE-RO Hyderabad**