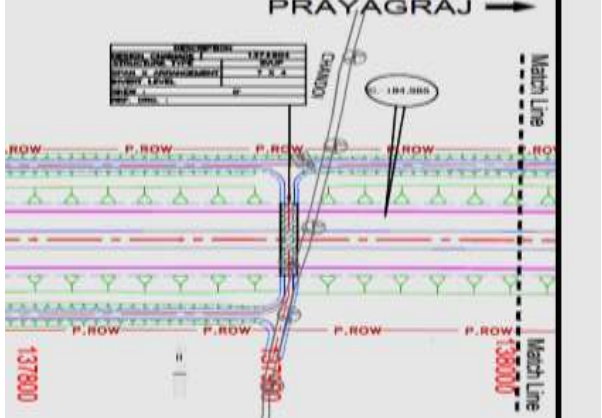


**Clarification to further queries received w.r.t RFQ-cum-RFP document issued for ‘Selection of Developer for development of Ganga Expressway (Group-II) on DBFOT (Toll) basis under PPP’**

Sr. No.	Clause Reference	Clause Description	Query	Reply / Clarification																												
1.	Schedule B 9.2, Minor Bridge	<p><b>9.2 Minor Bridges on Expressway &amp; Service Road:</b></p> <table border="1"> <thead> <tr> <th rowspan="2">S. No.</th> <th colspan="4">Minor Bridges on Main Carriageway</th> <th rowspan="2">Location</th> <th colspan="4">Minor Bridges on Service Road/Slip Road/Ramp/Loops</th> </tr> <tr> <th>Proposed Chainage</th> <th>Clear Span Arrangement</th> <th>Width of Structure</th> <th>Skew Angle, if any</th> <th>Clear Span Arrangement</th> <th>Width of Structure (m)</th> <th>Skew Angle, if any</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>242+125 @</td> <td>2x8</td> <td>2x21.25</td> <td>0</td> <td>Adjacent to Main Carriageway</td> <td>2 X 8</td> <td>10</td> <td>0</td> <td>Service Road (on LHS only)</td> </tr> </tbody> </table> <p><b>Note:</b> 6. @ The structures at these locations include minor bridges on service roads</p>	S. No.	Minor Bridges on Main Carriageway				Location	Minor Bridges on Service Road/Slip Road/Ramp/Loops				Proposed Chainage	Clear Span Arrangement	Width of Structure	Skew Angle, if any	Clear Span Arrangement	Width of Structure (m)	Skew Angle, if any	Remarks	9	242+125 @	2x8	2x21.25	0	Adjacent to Main Carriageway	2 X 8	10	0	Service Road (on LHS only)	<p>In Clause 9.2 of schedule B, note no. 6 told that “@” sign indicates that these locations include minor bridges on service roads on both sides. But in Table of Minor Bridge, at Ch. 242+125 service road on LHS only is given with sign “@”.</p> <p>Kindly clarify that the service road is to be taken for both side or not at this location.</p>	<p>Please refer Plan &amp; Profile for the respective location. Minor bridge on service road (LHS only) to be provided.</p>
S. No.	Minor Bridges on Main Carriageway				Location	Minor Bridges on Service Road/Slip Road/Ramp/Loops																										
	Proposed Chainage	Clear Span Arrangement	Width of Structure	Skew Angle, if any		Clear Span Arrangement	Width of Structure (m)	Skew Angle, if any	Remarks																							
9	242+125 @	2x8	2x21.25	0	Adjacent to Main Carriageway	2 X 8	10	0	Service Road (on LHS only)																							
2.	General Plan profile &	Interchange Locations	Kindly give Profile of Ramps & Loops of Interchange locations for easy understanding of project.	All the details are available on the website of UPEIDA viz. <a href="http://upeida.up.gov.in/en/page/ganga-expressway">http://upeida.up.gov.in/en/page/ganga-expressway</a> as mentioned in Bid documents VOI-IV (drawings & other details of the Project)																												
3.	Schedule B Annex-II	Typical Cross Sections	Kindly provide length to be considered for Ramp & Loops in all interchanges. Also provide TCS drawing to be followed for each ramp & loop.	All the details are available on the website of UPEIDA viz. <a href="http://upeida.up.gov.in/en/page/ganga-expressway">http://upeida.up.gov.in/en/page/ganga-expressway</a> as mentioned in Bid documents VOI-IV (drawings & other details of the Project)																												
4.	Schedule B Cl.9.2 New Bridges	Major Bridges Expressway	At Ch. 238+190 provided span length is skew length or square length please clarify.	Span length is square length.																												

Sr. No.	Clause Reference		Clause Description	Query	Reply / Clarification												
5.	Schedule B	Annex-IV	Service road details	<p>Provided service road stretches are not matching with TCS table.</p> <p>Kindly clarify the ambiguity and provide revised Service road/TCS table.</p>	In case of any ambiguity, please refer plan & Profile.												
6.	Schedule B	Clause 9.2	Major Bridges Expressway	<p>In Authority provided reference General arrangement drawing's span arrangement deviate from the schedule-B.</p> <p>Such as...</p> <table border="1"> <thead> <tr> <th>Sr.No.</th> <th>Chainage</th> <th>Schedule-B</th> <th>Ref. GAD</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>157.356</td> <td>3x35</td> <td>2x52.5</td> </tr> <tr> <td>2</td> <td>207.740</td> <td>3x30</td> <td>2x45.0</td> </tr> </tbody> </table> <p>Please clarify the span arrangement.</p>	Sr.No.	Chainage	Schedule-B	Ref. GAD	1	157.356	3x35	2x52.5	2	207.740	3x30	2x45.0	Concessionaire shall have the liberty to decide the span arrangements. However, the minimum length of the Bridge as mentioned in the Schedule is to be adhered..
Sr.No.	Chainage	Schedule-B	Ref. GAD														
1	157.356	3x35	2x52.5														
2	207.740	3x30	2x45.0														
7.	Schedule B	Annex-II	Typical cross-sections	<p>As per the TCS table ROB Approach given from 187+902 to 188+298 as both side RE wall (TCS-J). But as per clause 9.4 minimum 175m approach of ROB to be provided with RE wall which is not complying with TCS table kindly provide revised data.</p>	All these data as are tentative & shall be followed as per Approved GAD from Railways department. However, RE wall has to be provided upto full height as per Gradient on the approaches of the ROB.												
8.	Plan and Profile	Schedule-C	254+200 Wayside amenities	<p>Wayside amenities has been shown in P&amp;P at Ch.254+200 on RHS &amp; 175+000 on LHS but there is no scope given in schedule for the same.</p> <p>Kindly clarify whether way side amenities comes under the scope of contractor or not?</p>	Please refer Schedule-X for clarifications regarding Wayside Amenities												

Sr. No.	Clause Reference		Clause Description	Query	Reply / Clarification
9.	Schedule B	9. Culverts	<p>Note:</p> <ol style="list-style-type: none"> <li>1. Location of culverts shall be finalized in consultation with Independent Engineer.</li> <li>2. The culverts of same type and size as provided in expressway shall also be provided in service road (one or both sides) as indicated in Plan &amp; Profile drawing.</li> <li>3. Special Vehicle loading as per IRC-6 is to be considered for design of all Structures.</li> </ol>	<p>As per note no 2 of clause "9. Culverts", the culvert should be provided in service road as indicated in plan and profile drawing.</p> <p>Meanwhile, in following locations culverts on service road is not shown in plan and profile, 237+071, 252+110, 253+232, 286+171, 286+971, 287+935, 288+700.</p> <p>Please clarify that this culvert should be provided at service road or not?</p>	<p>Culvert has to be provided on the Service road (one or the both sides) as per site conditions.</p>
10.	General	Plan & profile	Service road	Kindly provide the plan & profile of service roads.	The bidder has to carryout due diligence in this regard according to site requirements at site at the time of actual construction.
11.	Schedule B	Annex V	Details of Vehicular/ Light Vehicular/ Small Vehicular Underpasses (VUPs/LVUPs/ SVUPs)	 <p>The SVUP shown in Plan and Profile @ chainage 137+904 is not listed in the table of Annex V of schedule B.</p> <p>Kindly clarify the scope of this SVUP.</p>	SVUP has to be provided at 137+904.

Sr. No.	Clause Reference		Clause Description	Query	Reply / Clarification
12.	Plan and Profile		Plan and profile	161+010 to 161+990 Plan and profile missing. Kindly provide the same.	The same shall be uploaded on the website of UPEIDA viz. <a href="http://upeida.up.gov.in/en/page/ganga-expressway">http://upeida.up.gov.in/en/page/ganga-expressway</a> .
13.	Schedule – B	7. Pavement Design		For Air Strip Rigid Pavement Design to operate during emergency IAF operation, kindly provide Aircraft Name / Type for Fighter Aircraft and Transport Aircraft with max takeoff weight of 40 T and 74 T respectively as stated in the Schedule. The wheel configuration of the aircraft plays a significant role in design of the airstrip and hence is needed from design point of view.	The pavement for Airstrip including paved shoulders shall be designed as per the guidelines of FAA advisory circulars (AC) 150/5320-6E “Airport Pavement design & Evaluation” and 150/5335-6E” Standardized Method of Reporting Airport Pavement Strength-PCN” and design standards, guidelines, circulars, and advisory of Indian Air Force. The approval of pavement design and other components related to airstrip and its safety will be subject to final approval from Indian Air Force.
14.	Clause 2b(vii) of Schedule-C	Raised Pavement Markers, Reflective Pavement Markers and Solar Studs	As per schedule C & Clause 10.5 of manual is not clear, Kindly clarify solar powered road studs or normal road studs to be provided the entire expressway.	Concessionaire shall have all the liberty to use any type of Raised Pavement Markers, Reflective Pavement Markers & Solar Studs as per site conditions & requirements.	
15.	Clause 2(e) to (g) of Schedule-C	2 (e) Highway Patrol Unit 2 (f) Emergency Medical Services 2 (g) Crane Services	Kindly provide required number of; a) Traffic Aid post b) Medical Aid Post c) Vehicle Rescue Post	May be decided as per site conditions during construction	

Sr. No.	Clause Reference	Clause Description	Query	Reply / Clarification
16.	Schedule-X	<p><b>Way side amenities &amp; Electric Vehicle Charging Stations:</b> Concessionaire shall be allowed to develop Wayside Amenities (WSA) for Expressway commuters. WSAs have been provided at Ch. 175+000 &amp; 254+200 approachable from both sides. The tentative area of a WSA is 250m x 200m.</p> <p>The WSA shall include washrooms, rest areas, drinking water kiosks, Service stations, Fuel/ CNG stations, Car, Truck and Bus parking area, Electric Vehicle Charging Stations, Food outlets, Landscaping, Signboards, Garage area, Truck lay-byes and Public utilities as per drawings attached in the Vol-IV of Bid documents. For the avoidance of doubt, no facility for Fuel/ CNG stations/ Electric Vehicle Charging Stations shall be permitted without undertaking all activities mentioned for WSA</p>	Way Side Amenities not mentioned in schedule-C, therefore kindly clarify Way Side Amenities (WSA) required or not.	Concessionaire shall have discretion to develop Wayside Amenities as per Schedule-X. It is <b>not</b> obligatory for any Concessionaire to take up the development of Wayside Amenities.
17	CI 4.8.4 Annexure I Schedule B	<p>4.8 Vehicular, Light Vehicular and Small Vehicular Underpass</p> <p>4.8.4 Soffit level of the Underpasses shall be followed as per details given in GADs of respective structures given in Vol-IV (Drawings) of the Bidding documents.</p>	<p>As per Revised RFP cum RFQ document sub clause 4.8.4, soffit level of the Underpass shall be followed as per details given in GADs of respective structures.</p> <p>Being DBFOT project Concessionaire should have freedom to design the entire project including the FRLs and soffit levels of structures and maintain the project during concession period duly satisfying the site requirement, relevant codes and specifications.</p> <p>We request the Authority to kindly review and remove the said restrictive clause.</p>	<p>Minimum difference between OGL &amp; Soffit level shall be as mentioned in respective GADs of the structures.</p> <p>Not Tenable</p>

Sr. No.	Clause Reference	Clause Description	Query	Reply / Clarification
18	Section 5 - PRE- BID CONFERENCE  Request for Qualification cum Request for Proposal (RFQ cum RFP)	During the course of Pre-Bid conference(s), the Bidders sought clarifications and made suggestions for consideration of the Authority. The clarifications and suggestions made by the Bidders along with its reply/decision from Authority is available on UPEIDA's web portal.	As per Section 5 of revised RFQ cum RFP documents issued by Authority, "the clarifications and suggestions made by the Bidders along with its reply/decision from Authority is available on UPEIDA's web portal", however the same are not available on UPEIDA's web portal.  Request the Authority to kindly provide the replies/ decision from Authority of the Pre-Bid conference(s).	All the clarifications & suggestions w.r.t pre-bid queries finalised by Competent Authority have already been incorporated in the revised Bidding Documents itself.
19	CI 4.1.2 (d)	4.1 Conditions Precedent  4.1.2 (d) procured approval of the Railway authorities in the form of a general arrangement drawing that would enable the Concessionaire to construct road over bridges/ under bridges at level crossings on the Project Expressway in accordance with the Specifications and Standards and subject to the terms and conditions specified in such approval.	As per Revised RFP cum RFQ document, DCA Article 4 (Condition Precedent) sub clause 4.1.2 (d). Authority to procure approval of the Railway authorities in the form of a general arrangement drawing that would enable the Concessionaire to construct road over bridges/ under bridges at level crossings on the Project Expressway in accordance with the Specifications and Standards and subject to the terms and conditions specified in such approval.  We request the Authority to kindly confirm if any charges like supervision or maintenance for ROB's/ RUBs to be built payable to Railway Authorities would be borne by the Authority.	Charges required by Railways in respect of approval of GAD and Construction, Maintenance of ROB shall be borne by UPEIDA

***The above clarifications shall be applicable mutatis-mutandis for the entire RFQ-cum-RFP document including Schedules and DCA.***