

REPLY FOR PRE BID QUERIES OF STRUCTURAL DESIGN AND ASSOCIATED WORKS

S. No	RFP Section/	RFP	Query /Suggestions	Remarks
1	Section-3 Evaluation Qualification Criteria	<p>an</p> <p>Cl.2.1(a) Technical Eligibility Criteria The tenderer must any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or Two similar works each costing not less each costing not less Than the amount equal to 40% of advertised value of the tender, or One similar work each costing not less than the amount equal to 60% of advertised value of Similar Work shall mean works involving Structural Design of viaduct / Bridges in Infrastructure projects in the Road /Rail/ Metro Sectors.</p>	Request Authority to please consider structures are in Detailed Project Report and Feasibility Report.	Bidders are to establish the extent of work involving structural design
2	Section-5 Works / Employers Requirement	<p>Cl.1. Brief Scope of Work</p> <p>1.1.Scope of the services shall cover: Before proceeding with the design of the foundations,</p>	Request please Authority to number of crossing and sections to for better understanding of scope	The KMZ file of the alignment is up loaded for appreciation of the alignment. The details of the number of crossings will be

		<p>sub and super structure, the contractor shall make a detailed presentation to KRIDE and a panel of experts nominated by K-RIDE, on the advantages and disadvantages (including cost, Time and ease of construction) of the type of spans in the super structure that can be adopted (such as pre cast pre stressed segmental spans or full span precast pre stressed structure or composite spans etc.).The proposed presentation will also have a section devoted to a detailed survey of the current practice in India with regard to the super structure adopted in various Metro, Railway (including RVNL,DFC and NCRTC) and Road projects across the country</p>	<p>extent.</p>	<p>shared with the successful bidder</p>
3	<p>Section-5 Works / Employers Requirements</p>	<p>Cl.1 Brief Scope of work</p>	<p>We understand that Authority will provide the Geotechnical investigation details for detailed design references</p>	<p>Yes. Geotechnical investigation detail shall be given progressively to the successful bidder</p>

4	Section7– PARTB- Special Conditions of Contract	<p>Cl.3.1.4 Erection and staging specialist Post graduate in structural Engineering with ten years of experience in design and drawing of staging, launching and erection arrangements of long linear infrastructure projects like Roads, Metros and Railways. Of the ten years at least five years should have been in Metro/Railway sector.</p>	<p>The scope of work is Structure design; the mentioned key specialist is required during execution stage where temporary structures are designed by contractor as per the construction methods adopted. In this regards, we request authority to review the positions.</p>	<p>Please see the revised Bid document. The positions is removed. However, such a resource person if required for the work will have to be employed by the contractor.</p>
5	<p>TENDERDOCUME NT Section -3 Evaluation and Qualification Criteria (EQC) Clause5 (I)Personnel Page No.48 of255 Section -7 Special Conditions of Contract Part-B (SCC) Clause Human</p>	<p>The successful bidder will be required to submit the CV of the Key Personnel whose qualifications are given Section7 Part B: Special conditions of contract (SCC). The conditions regarding the employment and replacement of key personnel will be as per SCC. The successful bidder/ contract or shall submit the CV of the fore going personnel and give a</p>	<p>As per this clause, we understood that, the notice period for deployment of key Personnel is at least 2 weeks from date of submission of CV. Request to clarify.</p>	<p>The time period of two weeks allowed in Section 7A modification of GCC 8.1 (commencement of works) can be used for mobilization of all resources</p>

	Resources Sub Clause 3.3 Page No.224 of 255	detailed staffing schedule for the completion of investigations and design of the project and discuss the same with the Engineer-in-Charge. This staffing schedule should take into account that the completion time of the work is four months from the date of award. Mobilization of All the personnel/ staff members		
6	TENDER DOCUMENT Section -7 Particular Conditions of Contract – Part A 4.2 Preface or man Guarantee at Page No.218 of 255	(a) The Performance Security shall be for an amount of 10% (Ten percent) of the Accepted Contract Amount and in the same currency (ies) of the Accepted Contract amount in the prescribed form for the stated amount valid for a period of 28 days beyond issue of performance certificate. The contractor shall have the following options; 10% of the contract price; or (ii) To submit part performance security for an amount equal to 5% of the contract price and the balance performance security 5% of the contract price and the balance performance security shall be recovered from interim	It is to note that, on account of slowdown in economy due to the pandemic and acute financial crunch, Ministry of Finance/Government of India advised to consider only 3% (three percent) of contract value against Performance security vide Office memorandum No.F.9/4/2020-PPD, dt:12.11.2020, for all tenders/ contracts issued/ concluded till 31.12.2021. These instructions will be applicable for all kinds of procurements viz. Goods, Consultancy, Works, non-consulting	Ministry of Finance in their Office Memorandum dated 12th November 2020 will be applicable. Necessary amendments made in the document

		<p>payment certificates@ 10% of the bill amount starting from 1st bill till it reaches full Performance Security. The contractor shall not be entitled to any interest on the amounts sore covered. However, the contractor shall been titled for release of recovered amount of performance security against submission of bank guarantee of an equivalent amount, maximum three times during the contract.</p>	<p>Services etc., and are issued under Rule6(1) of the GF Rs2017. The MoF guide lines is attached here with for ready reference Inlight of the above, were quest your good-self to review the contract conditions in line with recent guide lines issued by MoF/Gol and confirm the value of Performance security to be submitted.</p>	
7	<p>TENDERDOCUMENT Section -1 Instructions to Bidders (ITB) Sub Clause35.5 Additional Performance Bank Guarantee Page No.33 of255</p>	<p>If the bid, which results in the lowest Evaluated Bid Price is substantially on lower side and/or seriously unbalanced in the opinion of the Employer as per criteria defined below, the Employer may require the bidder to submit additional performance security as under:- a) If overall price quoted by the L1 bidder is below the engineer's estimated price by more than 10% and the difference between overall price quoted by the L1andL2 is more than 5% of the estimated price, then the bid price</p>	<p>It is to note that, on account of slowdown in economy due to the pandemic and acute financial crunch, Ministry of Finance/ Government of India advised that no Provisions should be kept in the Bid Documents regarding Additional Security Deposit/Bank Office memorandum No. F.9/4/2020-PPD, dt: 12.11.2020, In light of the above, were quest your good-self to review the contract conditions in line</p>	<p>Noted. No additional performance security as per guidelines of Ministry of Finance in their Office Memorandum dated 12th November 2020 will be applicable</p>

		<p>of L1 bidder shall be treated as substantially on lower side and such bidder shall be bound to furnish additional performance security equal to the (0.9x engineer's estimated price – L1 price) or (0.95x L2 price – L1 price) whichever is lower, on this account.</p> <p>b) If for any bill/schedule of quantities % age above or below quoted by the bidder on the estimated price is beyond 15% below the overall % age difference between the quoted contract price and the engineers estimated price, then the price for that particular schedule shall be treated as seriously unbalanced and bidder shall be bound to furnish additional performance security for such unbalanced price.</p>	<p>with recent guide lines issued by MoF/Gol and confirm the clause of Additional PBG.</p>	
8	<p>TENDER DOCUMENT Section -5 Works/Employers Requirements Clause 1 Time Duration of the Services</p>	<p>The total duration of the Services/Project shall be 6 months (the Contract Period) from the date of signing of the Agreement ("Commencement Date") The Engineer shall give the Contract or not less than</p>	<p>It is to note that, there is conflict in the Actual common cement date from the date of issue of LOA. Issue of LOA. ii) Commencement date not less than 7 days of LOA.</p>	<p>Please note that the commencement date will be the date of letter of acceptance. The error in clause 8.1 is rectified. The commencement of work shall be within 15 days of the Letter of Acceptance as per section 7A</p>

	<p>Page 97 of 255 Section -6 General Conditions of Contract Clause8 Commencement, Delay and Suspension Sub clause8.1 Common cement of works Page 154 of 255 Section -7 Particular Conditions of Contract Part-A (PCC) Sub-Clause8.1 Commencement of</p>	<p>7days' notice of the Commencement Date. Unless otherwise stated in the Special Conditions of Contract, the Common cement Date shall be within the number of days after the Contract or receives the Letter of Acceptance as specified in Contract Data. The Contractor shall commence the execution of the Works as soon as is reasonably practicable after the Common cement Date, and shall then proceed with the Works with due expedition and without delay. Within fifteen (15) days from the date Contract or receives Letter of acceptance.</p>	<p>iii) Commencement date within 15 days after receiving LOA. Request to clarify.</p>	<p>page no. 217.</p>
9	<p>Section3: Evaluation and Qualification Criteria note of item 2.1 Page 43</p>	<p>Technical Criteria: Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organization, work having average annual turnover of Rs500 crore and above listed on National Stock Exchange or Bombay Stock Exchange, incorporated / registered at</p>	<p>Please confirm, Is the work completed as a Sub consultant and certificate issued from main consultant which satisfies the technical criteria will be considered or not. Also confirm, if project executed outside India will be considered or not.</p>	<p>Bid conditions prevail.</p>

		least 5years prior to the date of opening of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates.		
10	3p224-225	Requirement for at least five years of Metro/Rail project experience for all four positions	While the requirement is good for team leader, it may be not necessary for other positions. We request kind consideration of experience of other positions (Structural Engineer, Geotechnical Engineer, Erection and Staging Specialist) for Metro/ Rail/ Highways	Noted. Please see the revised bid documents
11	Section9 BOQ – Item2,3	Schedule of Payment in each of Items for Rail Elevated Structures, ROB, RUB	The payment terms be brought to stages that are commensurate with the Effort and expenditure. All the investigation are done prior to Submitting the GAD. We suggest the payment terms be as 20%, 15%, 15% 15%, 10% 5% so that 50% is paid by the time 80%work is done	The payment for the approved GAD is 25% and hence is in line with what is required. The stages given in the bid documents will remain unchanged

12	Section9– Item 2,3	BOQ Scope of Work	<p>The work involved will require lot of co-ordination with local entities and one ROB may require some local Development / improvement in co-ordination with BBMP Those bidders who consider all the possibilities will need to factor this cost–due to which the tender may reach high cost.</p>	<p>The bidders are expected to factor in all requirements as required before submitting the bid</p>															
13	General Query		<p>We have studied the RFP, so basic all your observation is this Tender document is completely silent about project specific data. So, request out provide the following for better understanding and planning for bidders.</p> <ol style="list-style-type: none"> 1. Length soft the proposed railway line 2. Length so viaducts 3. No .of ROB and RUBs Location 4. No. of Bridges data 	<p>Please see the KMZ file containing the alignment in four corridors together with the location of level crossings to be eliminated in each corridor. The details of the corridor length and split up between elevated and at grade are as follows:</p> <table border="1" data-bbox="1467 1036 1940 1263"> <thead> <tr> <th>Corri dor</th> <th>Elevated</th> <th>At grade</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>18.98 Km</td> <td>22.42 Km</td> </tr> <tr> <td>2</td> <td>12.905 Km</td> <td>12.105 Km</td> </tr> <tr> <td>3</td> <td>10.4 Km</td> <td>8.07 Km</td> </tr> <tr> <td>4</td> <td>13.29 Km</td> <td>32.95 Km</td> </tr> </tbody> </table> <p>The split up between ROB and RUB will be a decision based the planning effort of the successful bidder based on site</p>	Corri dor	Elevated	At grade	1	18.98 Km	22.42 Km	2	12.905 Km	12.105 Km	3	10.4 Km	8.07 Km	4	13.29 Km	32.95 Km
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				<p>requirements. The total number of Level crossings (LC) to be eliminated is 23 in all four corridors. Number of LC to be eliminated corridor wise is as follows:</p> <p>Corridor 1 – 6 No. Corridor 2 – 5 No. Corridor 3 – 1 No. Corridor 4 – 11 No. Further details will be shared with the successful bidders</p>
14	BDS ITB 22.1 Page no.40	<p>For bid submission purposes only, the Employer's address is: General Manager(Civil)/KRIDE,KRIDE(Rail Infrastructure Development Company(Karnataka)Limited) #8,1stFloor, Samparka Soudha, Dr.Rajkumar Road, opposite Orion Mall, Rajajinagar 1stBlock, Bengaluru-560010 Mobile No: 6364890802 E-Mail: md@kride.in The deadline for bid submission is: Date:28.12.2020 Time:15:00 hrs.</p>	<p>While going through the RFP, we understand that it is more of a specific planning tender rather than structural design which requires more time to process for the bid submission. Therefore, We request you to kindly extend the bid submission date by 2 weeks.</p>	<p>No it is not possible to extend the time period for submission</p>
15	INVITATION FOR	Bidding Documents can be	We presume that there is	Yes

	BIDS, Cl 3, Pg no.4	downloaded free of cost from K RIDE website www.kride.in from 06/09/2020 and the bids can be submitted on the downloaded document. Please note that drawings, if any, referred in the bid document, but not uploaded with the bidding document, can be viewed in this office on any working day. The Tenderer can also have a copy of the same on payment of non-refundable cost of Rs. 5,000/- (Rupees Five Thousand only) by a crossed Demand Draft.	no cost for bidding documents. The cost (Rs.5,000/-) is applicable to only for drawings if we sort for it. So Only the Bid security is required submit. Kindly clarify this.	
16	Section 3, Evaluation & Qualification Criteria (EQC), Cl 2.1, Pg no. 43	<p>Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or</p> <p><input type="checkbox"/> Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or</p> <p><input type="checkbox"/> One similar work each costing not less than the amount equal to 60% of advertised value of the</p>	For evaluation purpose we kindly request to consider the works executed / completed projects in Joint Venture with other firms.	Documents have to be submitted for demonstrating the extent of work done as per clause 2.1 technical eligibility criteria page no 42 and 43

		<p>tender. Similar Work shall mean works involving Structural Design of viaduct /Bridges in</p> <p>Infrastructure projects in the Road /Rail/ Metro Sectors.</p>		
17	<p>Section – 9: Bill of Quantities, Sl. No. 1, 2 & 3 in table, Pg no.247, 248, 249</p>	<p>Detailed design and drawing of Elevated</p> <p>Structures of Bangalore Suburban Railway Project – Qty is given as 20 No's and Road Over bridges (ROB) – Qty is given as 12 No's, Road Under Bridges (RUB) – Qty is given as 11 No's,</p>	<p>The design cost will vary with respect to length of the structure. Also amount of field studies i.e Topographical survey etc will also vary. Hence, we kindly request you to provide apprx. length of each structures, to provide economical quote. Also, we request you to provide KMZ file of all structure locations, it will help us to prepare economical pride bid.</p>	<p>Refer query number 13.</p> <p>Topographic Survey will need to be carry out only at the location of the RoBs/RuBs.</p>
18	<p>Section – 9: Bill of Quantities, Sl. No. 1, 2 & 3 in table, Pg no.247, 248, 249</p>	<p>Detailed design and drawing of Elevated</p> <p>Structures of Bangalore Suburban Railway Project – Qty is given as 20 No's and Road Over bridges (ROB) – Qty is given as 12 No's,</p>	<p>In BoQ form the rate for each is given, the cost will vary with respect to the length of the structure and other field studies. In general, for this kind of projects the consultancy fee will be in percentage</p>	<p>It is not feasible to adopt the suggestion given. Rates should be quoted for each item of work.</p>

		Road Under Bridges (RUB) – Qty is given as 11 No's,	of the project cost. Hence, we recommend to modify as “to quote percentage with respect the project cost of the structure”.	
19	Section 7, Cl 3. Human Resources, sub- cl 3.1.1 to 3.1.4, pg 224 to 225	Of the ten years of experience at least five years should have been in Metro/Railway sector for Team leader, Structural engineer, Geotechnical Engineer and Erection & staging specialist.	The structural designs of Elevated structures, ROB and RUB's are also in part of many highway / road projects. Hence, we kindly request include Road / Highway Sector in this clause and modify as “Of the ten years of experience at least five years should have been in Metro / Railway sector / Highway / Road Sector” for Team leader, Structural engineer, Geotechnical Engineer and Erection & staging specialist positions.	Please refer to bid document at page 224 and 225. The suggestion is accepted for all positions except team leader. There are special requirements in a Railway project which cannot be fulfilled with experience in other sectors.
20	INVITATION For BIDS, Cl 7, Pg no.5	Date of Receipt and opening of Bids: The completed Bids must be dropped in the nominated tender box or delivered to the address below not later than 15.00 hrs on 28/12/2020	We request for extension by 2 weeks after providing pre-bid conference replies to enable place competitive proposal	Not possible. There are no major changes due to the replies to pre-bid queries.

21	In the Bid Document	The Word "Contractor "	Kindly clarify the word Contractor used herein throughout the Tender document refers to the Bidder who is intending to bid for the subject tender	Yes
22	<p>Section 9 – Bill of Quantities (BOQ), Item no. 2, Page no 249</p> <p>Section 5, Works/Employers Requirements, Page 96</p>	<p>Detailed designs and good for construction drawings for Road Over bridges (ROB) comprising of foundations viz. piles/ pile cap or open foundations (as dictated by soil conditions), sub structure comprising of pier/pier cap asS egmental/full span prestressed concrete girders/reinforced concrete spans or composite steel girders.</p> <p>1.11 The payment for the designs and drawings of the elevated viaduct will be made per typical span</p>	<p>The BOQ calls for quoting rate for each unit of the said Work to be undertaken and also, the payment shall be done based on typical spans as mentioned in Section 5 as well as the BOQ.</p> <p>For a Bidder to quote under this item its necessary to understand the typical length of the span.</p> <p>Kindly share the typical span of the ROB's mentioned herein.</p>	<p>The typical span for elevated stretch is proposed to be around 34 m.</p> <p>As far as typical span of ROB is concerned, it is a planning variable that will depend on the site conditions such as the skew angle of the crossing, the number of lines to be crossed etc. This is expected to vary from site to site and will have to be arrived at by the successful bidder.</p> <p>The location of the ROB/RUB is contained in the KMZ file that is up loaded as part of clarifications</p>

23	<p>Section 9 –Bill of Quantities (BOQ)), Item no.2, Pag no. 250</p> <p>Section 9 –Bill of Quantities (BOQ)), Item no.3, Pag no. 252</p>	<p>Other site arrangements for which drawings/ designs are to be prepared by the contractor:</p> <p>1) Land Acquisition Plan 2) Utility Mapping</p>	<p>To arrive at the Quote / cost for these items, the length of the suburban section is necessary.</p> <p>The cost for these items can only be worked out based on the length of the section.</p> <p>Hence, we request you to kindly provide the necessary data.</p>	<p>Please note that the length of the suburban corridor has nothing to do with the extent of land acquisition for a ROB/RUB. However please refer to the reply for query 13 on the elevated and at grade length for each corridor.</p>
24		<p>Is the topography Survey for the Suburban Section of the said Project in the scope of the Bidder, we request the Client to kindly specify this?</p>	<p>The suburban Section Length shall be required to work out the costs of surveys involved if any.</p>	<p>No the topographic survey of the suburban section is not an output expected in this work.</p> <p>Topo survey at the location of ROB/RUB will have to be done for preparing the site arrangements at each location.</p>
25	<p>Section 5, Works/Employers Requirements, Page 96</p>	<p>1. Brief Scope of Work 1.9 Proof checking of analysis, designs and drawings by reputed Universities such as IIT/IISC/ Organizations approved by KRIDE</p>	<p>We request the Client to kindly clarify if the costs towards Proof Checking/ Vetting of the analysis and designs for this Project shall be borne by the Bidder.</p>	<p>Yes the cost of proof checking will have to be borne by the bidder.</p>