

Contract KC-18 : Construction of two lane Road Over Bridge across Chambakkara Canal (8x25m spans + 2x45m Bowstring Girder) from Ch.24157.754 to Ch.24452.271 along with Metro Viaduct (8x25m spans + 1x45m Composite Girder) in Alwaye-Petta Line of Kochi Metro Rail Project.

REPLY TO THE PRE-BID QUERIES

S. No.	Pre-bid Query	Reply
Bidder-1		
1.	Clause 1.2.2 of NIT – The tender submission date is proposed as 22 nd August 2016. We request that the same to be extended up to 05 th September 2016, as the tenderer is required to work in detail on the various schemes for the construction of bow string girder including the design of shoring etc. Please extend the tender submission date to 05 th Sept. 2016.	Agreed. Please refer Addendum no- 1. However, mentioned Clause no. is incorrect.
2.	Clause 1.2.2 of NIT – The Completion period is proposed as 30 months. We request that the same to be extended to 36 months, considering the two stage construction activity. Please confirm.	Not agreed. No change in Tender Condition. However, mentioned Clause no. is incorrect.
3.	Clause 2.2 of GCC – During the construction of Bow String Girder for both LHS and RHS side, the waterway will be required to be temporarily closed for a period of 6 months. Please confirm.	Closing of waterway cannot be agreed to. Also please refer Addendum No. 1
4.	Clause 2.2 of GCC – The land for the establishment of batching plant and I-girder casting yard will be provided to the Contractor free of Cost by DMRC within 5 Km from the site. The approximate land requirement will be 5 Acres. Please confirm.	Mentioned Clause no. is incorrect. However, please refer Appendix-2A of Employer's Requirements. Also refer Addendum-1.
5.	Clause 2.2 of GCC – There are existing over ground utilities like electrical and pipe lines, kindly confirm by when the relocation will be completed by DMRC. Can it be assumed by the Contractor that the Utilities will be relocated before commencement of works.	Please refer clause 2.9.3 of Employer's Requirement (Functional). Also refer Schedule F of BOQ.
6.	Clause 2.2 of GCC – The details of underground Utilities like electrical, water sewer and gas-pipe lines is not available in the tender documents. Kindly confirm if the relocation has been completed by DMRC. Please confirm.	Please refer clause 2.10 of Employer's Requirement (Functional).
7.	Clause 2.2 of GCC – The progressive handing over of land in this case should not be applicable as the project stretch is very small, the land free from all obstructions should be handed over to the Contractor, before commencement date.	Please refer Clause 2.2 of GCC, which is self explanatory.
8.	Clause 2.2 of GCC – There are trees at project alignment. Kindly confirm that the permission for	Please refer clause 2.9.1 of Employer's Requirement (Functional).

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	tree felling is already taken by DMRC. Please confirm.	
9.	Clause 2.2 of GCC – Please confirm the status of Land Acquisition for the project.	Please refer Clause 2.2 of GCC, which is self-explanatory.
10.	General – The contractor to be permitted to work round the clock as the work area is closed to residential areas, the working in night should not be objected by the local residents.	Please refer Clause 6.5 and Clause 4.16 of GCC
11.	General – The existing bridge will be required to be dismantled after diversion of traffic on newly constructed bridge. Please confirm that the bridge piers are to be dismantled upto what level below water level. Please confirm.	Dismantling of the existing bridge is not in the scope of the present contract.
12.	General – During the dismantling of existing bridge, some debris might fall in the river itself. Please confirm if that is acceptable, otherwise the cost of protection needs to be added in the cost analysis. Please confirm.	
13.	General – The dismantling of bridge is not covered in any item of BOQ. Please confirm if the same will be paid as per Schedule-E.	
14.	General – It is observed that a lot of traffic is moving under the bridge by the side of A-1 and A-2 locations, this pathway will be blocked during the construction works. Please confirm if DMRC has already identified the alternate route for unhindered work.	Please refer Clause 2.1.9 and Clause 11 of Employer's Requirements (Functional).
15.	General – In the construction methodology it is indicated that sheet piles needs to be driven to clear the work area width, this is the first activity and the design of the same needs to be provided by DMRC to expedite the work progress. In case the Contractor after the award of the engages the designer and goes for proof check process, a period of 10-12 weeks will be consumed in that process. Please confirm that the design will be provided by DMRC.	Construction methodology/design for driving of sheet piles is in the scope of contract. Design will have to be prepared by the contractor and submitted to DMRC for approval.
16.	General – There is boulder pitching on both side slopes of existing embankment, please confirm if the boulders needs to deposited back with any local authority, or it will be disposed by the Contractor. Please confirm.	Please refer Clause 14 (8) of Employer's Requirements (Construction).
17.	The proposed pile and pile cap activity during the construction of first bridge will be very close to the existing bridge. It is expected that during piling or sheet piling operation, the bridge may get damaged and traffic needs to be stopped. Please confirm if any strengthening of the existing bridge is proposed. If yes, under which schedule it will	The pile and pile caps are located sufficiently away from existing bridge. Hence, strengthening of existing bridge is not proposed. During the construction of the bridge, necessary precautions have to be taken by contractor for avoiding damage to the existing bridge.

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	be paid.	
18.	<p>Appendix – 2B – Key dates – The following changes are proposed in the Key dates:</p> <ul style="list-style-type: none"> a. Key date-3: Should be 20 weeks b. Key date-4: Should be 24 weeks c. Key date-5: Should be 64 weeks d. Key date-6: It is not there on the Schedule. e. Key date-7: Should 120 weeks f. Key date-8: Should 148 weeks g. Key date-9: Should 152 weeks h. Key date-10: Should 156 weeks 	Please refer Addendum no. 1
Bidder-2		
1.	Confirmation on area for Casting Yard/Batching Plant – Whether area in Mobility Hub is being given. If so, how about the access/right of way, etc. Will it be without hindering the present traffic movements?	Please refer Appendix-2A of Employer's Requirements. Also refer Addendum-1.
2.	Can we get the cross section details of the existing embankment – regarding thickness of layers, availability of rubble packing, etc.	The existing details of the embankment for the bridge are not available.
3.	What is the pile termination criteria, in case of the rock layers is a combination of soft/disintegrated/hard rock.	Shall be decided by the Engineer in charge based on site conditions.
4.	Whether required land for the project shall be acquired in total before starting of the project or will it be provided in stages.	Refer Clause 2.2 of GCC which is self explanatory.
5.	Whether Batching plant of 90 cum/hr is necessary all through the project or can we have 2 plants of 30 cum/hr and a tie up with a local RMC supplier in case of additional requirements.	Refer Annexure 5 of ITT.
6.	How is the existing bridge integrated with the new structure.	There will not be any integration with the existing bridge with the new structure.
7.	Detailed survey of alignment and soil investigation is given in our scope. Whether it is paid separately or taken in our rates only.	Please refer Clause 2.1.2 (xxxi) of Employer's Requirement (Functional), Clause 12 of Employer's Requirement (General) and Clause 10 of Employer's Requirement (Construction)
8.	Details of the waterway like depth of waters etc.	Please refer Addendum-1
9.	Whether the advances being paid are interest free.	Refer Clause 11.2.5 of GCC
10.	Is it necessary to keep the EMD valid upto 19.04.2017.	Yes.