



Kolkata Metro Rail Corporation Limited.

(A Government Of India Undertaking)

Munshi Premchand Sarani, KMRCL Bhavan (HRBC Office Complex) Kolkata-700021,
Tel No :-(033) 6607-1117, (033) 6607-1119, Fax No: (033) 2213-4380

A&C-2 Dated 10.08.2018

[Ref. N. I. T. No. –Civil/4 of 2018- 2019]

The contents in the NIT in KMRCL's website & newspaper publication are modified as under:

Sr. No.	Para	Heading	As appearing	To be read as
1. (i)	1.1.2 – Key Details of NIT	Estimate Cost	400 Lakhs	500 Lakhs
(ii)		Completion Period of the Work	3 Months	4 Months
(iii)		Tender Security Amount (EMD)	4 Lakhs	5 Lakhs
2.	1.1.3.2 of NIT	Minimum Eligibility Criteria	Existing	Revised
3.	Section-2 Para 21.2 of GCC	Performance Guarantee	The successful bidder shall submit the Performance Guarantee (PG) in form of Irrevocable Bank Guarantee amounting to 10 % of the contract value either of the State Bank of India or of any of the Indian Nationalized Banks.	The successful bidder shall submit the Performance Guarantee (PG) in form of Irrevocable Bank Guarantee amounting to 10 % of the contract value either of the State Bank of India or of any of the Indian Nationalized Banks Like ICICI, Axis Bank, HDFC Bank.
4.	Section-4	Specifications of Work	Existing	Revised
5.	Section-5	Schedule of Quantities	Existing	Revised
6.	Section-6	Annexures	Existing	Revised with Annexure – VII (Contract Agreement) incorporated.
7.	Section-7	Drawings	Existing	Drawings with UC Section Post with PMMA Transparent Sheet & Micro Perforated Absorbing Panel incorporated.

Complete Bid document with revised Sections is attached.

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Clarifications to pre-bid queries by potential bidders on 10.07.2018

[Ref. N. I. T. No. –Civil/4 of 2018-2019]

<u>Sr. No.</u>	<u>Name of the bidder</u>	<u>Query from the Bidder</u>	<u>KMRCL's Clarifications</u>
1.	Noise & Vibration Control Consultancy	<p>The main functional component of noise barrier is the 8 mm polycarbonate sheet. This reflective material is supposed to achieve a 28dB STC.</p> <p>It's surprising that no riders about the quality of PC Sheet have been detailed.</p> <p>Ideally it should be manufactured from virgin raw material of good quality read (Germany) and also must carry some certification. Polycarbonate sheets are made from recycled raw material also and the life and transparency cycle is much lower than the ones made out of virgin material.</p>	Refer to Revised Specifications vide A&C-2 Dated 10.08.2018
2.	Lloyd Insulations (India) Limited	We like to confirm that we have executed similar type of job for DDA during Common Wealth Games in 2010. We have constructed Noise Barrier on Railway side near Common Wealth Games Village which is highly appreciated by the authorities. The job completion certificate is enclosed herewith for your ready reference.	Refer to Revised Specifications vide A&C-2 Dated 10.08.2018
3.	Lloyd Insulations (India) Limited	<p>We are enclosing the specifications and drawings of the latest tender floated by Delhi Metro Rail Corporation for Noise Barrier on Viaduct. The specifications are with combination of Micro Perforated aluminum panels and PMMA solid sheet.</p> <p>We would request you to kindly review the specifications and request incorporation in your upcoming tender.</p>	Refer to Revised Specifications & Drawing vide A&C-2 Dated 10.08.2018
4 (i)	Metalmeccanica Fracasso India Pvt.Ltd.	Completion period of the work : 3 months from LOA – The Noise Barriers components – PC sheets as well as required structures are to be specially designed and same needs to be confirmed for performance. In the said contract, contractor has to remove the existing handrails and then has to proceed for manufacturing of components, it is requested to give completion period of minimum 6 months from date of LOA.	Refer to 1 (ii) of A&C-2 Dated 10.08.2018

<u>Sr. No.</u>	<u>Name of the bidder</u>	<u>Query from the Bidder</u>	<u>KMRCL's Clarifications</u>
4 (ii)		Technical Eligibility Criteria: Work experience: Authorised agency for execution of Noise barrier work of the main contractor: Employer – Government body completion certificate in the name of Agency should be mandatory.	Refer to Revised NIT vide A&C-2 Dated 10.08.2018
4 (iii)		Financial criteria : Tenderer should have made PBIT during any two years of the past three financial year. Usually PBIT should be considered during any two years of the past five financial years as per Railway guidelines.	Refer to Revised NIT vide A&C-2 Dated 10.08.2018
4 (iv)		Clause 21.2 of GCC – Performance Guarantee: PG should be submitted in the form of Irrevocable Bank Guarantee from SBI or any Indian nationalized Bank – PG should be allowed to be submitted from SBI/Indian Nationalised/Scheduled Bank like ICICI, HDFC, Axis Bank, Yes Bank, etc. It is further requested to consider other options for PG – like FDR/Bankers cheque/ Demand draft in favour of KMRCL for PG value.	Refer to Sr. No. 3 of the A&C-2 Dated 10.08.18
4 (v)		Clause 1.7.8 – Specification of work : The tender specifies use of only polycarbonate sheers, however In India as well as Internationally various types of Noise Barriers are implemented. It is suggested that we should use mix of absorptive and reflective barriers considering the light transmission and the absorption of Noise. It is to further say that the tender is silent on acoustic performance of Noise Barriers. It should be mandatory for the tenderer that they should be specialized agency having valid acoustic Panel performance certificates for their manufacturing as per EN 1793 & 1794.	Refer to Revised Specifications vide A&C-2 Dated 10.08.2018
4 (vi)		EN 1793 is a standard used as evaluation guideline for testing acoustic properties of Noise barriers. EN 1794 is used along with EN 1793 as it gives details of physical properties, fire resistance, impact resistance and wind pressure capacity. Hence it is advisable to specify EN 1793 & 1794 testing for the Noise barriers in the specified work.	Refer to Revised Specifications vide A&C-2 Dated 10.08.2018

The clarifications to the pre-bid queries will become part of the binding contract.

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