

Addendum 001

Sub: Construction of secant piling, surface supporting and earthworks for shunting tracks
at ramp area of Mumbai Metro Line-3 project at Aarey colony

Reply/Clarification to bidder queries is as attached in addendum 01.



(R. A. Patil)

Assistant General Manager

MUMBAI METRO RAIL CORPORATION LIMITED Mumbai Metro Line-3 Project						Response dated 02-11-2019
Response to Bidder's Queries on Tender Notice No.MMRC/ML-3/CBS-DPT-SP/NIT/2019						
Construction of Secant piling, slope protection and excavation works for Shunting Tracks area, at Ramp of car depot for Mumbai Metro Line-3 (Colaba-Bandra Seepz) Project.						
Sl.No	Volume No. Page No.	Clause	Subject of Clause	Description of Clause	Contractor's Query	Response of Employer
Contractual Queries						
1	Volume 1 Page 01	NIT- Clause No. 1.1.2	Key Details	Valid registration under appropriate class with the Government of Maharashtra or other State Governments/ Government of India or State/Central Government Undertaking.	Request you to amend the clause by ' registration with any Government organization in any category."It may give better competition among different bidders.	Tender conditions prevail.
2	Volume 1 Page 06	NIT- Clause No. 1.1.4.2	Minimum Eligibility Criteria	The "similar work" for this contract shall be "Construction of secant piles, slope protection work such as rock anchors, rock blots, shotcreting, etc for any state/Central Government Organization"	It is requested to consider similar work as "Construction of any type of piles slope protection works such as rock anchors, rock blots, shotcreting, etc for any state/ Central Government Organization, so that maximum experienced bidders will take part to execute these kind of specialized works.	Refer Addendum 1
3	Volume 6 Page 5	Item no.1.3	Transplantation of trees.		We understand that the no of trees are same as mentioned in subsection a and b.	Tender conditions prevail.
4	Volume 6 Page 5	Item no.2.1 - 2.3	Excavation in Gr 1 and 2 roak		We understand that the hight of cutting more than 14 m, so requested to modify the rate as per lift wise.	Tender conditions prevail.
5	Volume 5 and 6	Section -3	Guide wall		we did not find any guide wall drawing and rate in vol.5 and 6 ,request to provide them or clarify if construction to be proceed without guide wall.	Tender conditions prevail.
6	Volume 1 Page 21	C 18.1	Tender Security	The tenderer shall submit with his Tender a Tender Security for the sum mentioned in NIT in any one of the following forms: a) Debit card/Credit card/Net banking b) RTGS/NEFT Mode usung System generated challan. Bidder need to upload scanned copy of EMD paid receipt during bid preparation.	We request you for depositing the EMD instead of Debit/Credit/Net banking, RTGS/NEFT submission BG be permitted.	Tender conditions prevail.
7	Volume 1 Page 23	D 1.2 (g)	List of key personals	Annex. 3 and 4	The desired experience of QA/QC Engineer, Civil engineer, Safety manager, and Planning manager is higher . Keep it 5,3,5,and 5 years subsequently.	Tender conditions prevail.
8	Volume 2 Page 40	GCC Clause no.11.1.3,12	Variations	In case of Contractor's failure in availing the exemptions as stipulated above the recovery of equivalent amount will be made for contractors dues. Adjustment in contract price on account of inflation shall be done only if a "Price Variation Formula" is given in the special conditions of contract otherwise it will be a fixed price contract.	The clause did not include the price variation clause in sub clause, requested to include the price variation clause in the conditions.	Tender conditions prevail.

MUMBAI METRO RAIL CORPORATION LIMITED
Mumbai Metro Line-3 Project

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**Response
dated 02-11-2019**

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Sl.No	Volume No. Page No.	Clause	Subject of Clause	Description of Clause	Contractor's Query	Response of Employer
9	Volume 2 Page 26	SSC	Project specific conditions -item no. 11 (lead)	For disposal of excavated material lead of 25 Km is considered in the estimate. However, if the lead is less than 25 Km, then the BOQ rates will be reduced proportionally as approved by the Engineer. For addition lead above 25 Km, there will be no additional payment	We request for additional lead above 25 km, extra over to be paid at actuals. There should be same rule need to be applied for additional lead above 25 for additional payment.	Tender conditions prevail.
10	Volume 2 Page 8	GCC 2.2	Access and possession of the site	The Employer shall grant the Contractor right of access to, and / or possession of, the Site progressively for the completion of Works. Such right and possession may not be exclusive to the Contractor. The Contractor will draw/modify the schedule for completion of Works according to progressive possession/right of such sites. If the Contractor suffers delay from failure on the part of the Employer to grant right of access to, or possession of the Site, the Contractor shall give notice to the Engineer in a period of 28 days of such occurrence. After receipt of such notice the Engineer shall proceed to determine any extension of time to which the Contractor is entitled and shall notify the Contractor accordingly. For any such delay in handing over of site, Contractors will be entitled to only reasonable extension of time and no monetary claims whatsoever shall be paid or entertained on this account.	It is requested to do the necessary cost reimbursement to the contractors for the delays suffered due to clause.	Tender conditions prevail.

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Sl.No	Volume No. Page No.	Clause	Subject of Clause	Description of Clause	Contractor's Query	Response of Employer
11	Volume 2 Page 20	GCC 4.23	Unforeseeable physical conditions	If, during the execution of the Works, the Contractor shall encounter physical conditions, which, in his opinion, could not have been reasonably foreseen by an experienced Contractor, the Contractor shall forthwith give written notice thereof to the Engineer and if, in the opinion of the Engineer, such conditions could not have been reasonably foreseen by an experienced Contractor, then the Engineer shall certify and the Employer shall pay reasonable additional cost to which the Contractor shall have been put by reason of such conditions in the following cases: a.for complying with any instruction which the Engineer may issue to the Contractor in connection therewith, and b.for any proper and reasonable measures approved by the Engineer which the Contractor may take in the absence of specific instructions from the Engineer, as a result of such conditions or obstructions being encountered. The decision of the Engineer as to the additional cost shall be final and binding.	It is requested to consider the time extension to the contractor due to delays.	Tender conditions prevail.
12	Volume 1 Page 20	ITT C. 13 Annex.5	Minimum No. of Equipments required	The contractor shall deploy plants and equipment required to complete the work as per the schedule and within the completion period with minimum of numbers given in Annexure-5 of ITT	We request to allow to deploy the Equipments as per job requirements and not require to maintain minimum requirement as specified in Annex.5	Tender conditions prevail.
13	Volume 3 Page 33	clause no. 14 (1)	Approved Manufacturers	Materials and goods for inclusion in the Permanent Works shall be new unless the Engineer has consented otherwise. Preference shall be given to local materials where available. Approved Manufacturers/Suppliers of few important items have been given in Appendix 10 of this document. These materials shall be procured only for these manufacturers/Suppliers	As per the clause no approved vendor list attached in Appendix.10	Refer Addendum 1
14	Volume 1 Page 01	NIT- Clause No. 1.1.2 (e)	Completion Period	11 Months (Including monsoon)	Request to consider 15 months instead of 11 months	Tender conditions prevail.
15	Volume 1 Page 01	NIT- Clause No. 1.1.3	Seeking Clarification	24/10/2019 at 17.00 Hrs	Request to extend the submission of Tender upto 20th Nov.2019	Refer Addendum 1

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Sl.No	Volume No. Page No.	Clause	Subject of Clause	Description of Clause	Contractor's Query	Response of Employer
16	Volume 1 Page 04	NIT- Clause No. 1.1.4.2	T-1 Liquidity	(i) T1 – Liquidity: It is necessary that the firm can withstand cash flow that the contract will require until payments received from the Employer. Liquidity therefore becomes an important consideration. This shall be seen from the balance sheets and/or from the banking reference. Net current assets and/or documents including banking reference (as per proforma given in Annexure-8 of ITT), should show that the applicant has access to or has available liquid assets, lines of credit and other financial means to meet cash flow of INR 3.6 crore for this contract, net of applicant's commitments for other Contracts. Banking reference should contain in clear terms the amount that bank will be in a position to lend for this work to the applicant/member of the Joint Venture/Consortium. In case the Net Current Assets (as seen from the Balance Sheets) are negative, only the Banking references will be considered. Otherwise the aggregate of the Net Current Assets and submitted Banking references will be considered for working out the Liquidity. The banking reference should be from a Scheduled Bank in India or (in case of foreign parties) from an international bank of repute acceptable to MMRC and it should not be more than 3 months old as on date of submission of bids.	Bidder would like to know whether the Audited Balance sheet of year 2018-19 shows a net cash which is more than the required Rs.3.6 Cr can be shown against this clause or a specific letter from a bank as per proforma is to be submitted with the bid?	Tender conditions prevail.
17	Volume 1 Page 08	NIT- Clause No. 1.1.4.3	Bid Capacity Criteria	A = Maximum of the value of construction works executed in any one year during the last five financial years (updated to 31.03.2018 price level assuming 5% inflation for Indian Rupees every year and 2% for foreign currency portions per year).	Request to consider updated Price level upto 7% instead of 5% as stated in clause.	Tender conditions prevail.
18	Volume 6 Page 02	BOQ- Sec-1/1.1	Tree Cutting	Cutting down trees including trunk and branches and stacking the materials neatly with all leads, all heights, etc complete as directed by Engineer in charge.	Bidder understand that the location of stacking at site only within the lead of 150 m and at the place provided by MMRC.	Lead upto disposal point upto 25 km or as per approval of Employer.

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19	Volume 6 Page 04	BOQ- Sec-1/1.3- a & b	Transplantation of existing Tree	a) Release of payment towards completion of transplantation works and sprouting (30% of total item rate) b) Completion of 3 years maintenance and handing over trees. (70% of total item rate)	Request to consider release of payment as under. a) Release of payment towards completion of transplantation works and sprouting (60% of total item rate) b) Completion of 3 years maintenance and handing over trees. (40% of total item rate)	Tender conditions prevail.
20	Volume 6 Page 06	BOQ- Sec-1/1.4	Corrugated GI Sheet Barricading	Providing and fixing corrugated GI Sheet barricading of 0.64 mm thick sheet with zink coating not less than 275 gm/sqm fixed with polymer coated J or L hooks.	Request to confirm the height of the barricading.	Tender Drawings prevail.
21	Volume 6 Page 12	BOQ- Sec-3/3.1	Secant Piling	Providing and installing cast- in -situ vertical bored Secant pile wall of 1.0 m.	Request to consider the dia of Secant Piles as 880 mm/800 mm if design permits.	Tender conditions prevail.
22	Volume 6 Page 21	BOQ- Sec-4/4.4	Pile Concreting		In the said Item grade of concrete mentioned is M-40, bidder understands that it will be used for Secondary Piles (Hard Piles). However grade for Primary Piles (Soft Piles) is not mentioned in BOQ.	All Piles are Permanent and Hard.Tender conditions prevail.
23	Volume 6 Page 26	BOQ- Sec-5/4.4	Sotcreting	Perforated uPVC pipes of dia 50-75 mm @ 3000 c/c	Request to inform the length of uPVC Pipes of dia 50-75 mm.	Tender Drawings prevail.
24	Volume 6 Page 31	BOQ- Sec-6/6.8	Dewatering	Unit of Item is "Hour"	Request to confirm the unit of Dewatering shall be "HP-Hour or KW-Hour"	Tender conditions prevail.

MUMBAI METRO RAIL CORPORATION LTD (MMRC)

Addendum no .1, dt 02-11-2019

Construction of Secant piling, slope protection and excavation works for Shunting Tracks area, at Ramp of car depot for Mumbai Metro Line-3 (Colaba-Bandra Seepz) Project.

Sr.No	Reference clause & Description	Existing content to be deleted	To be replaced as
1	Volume.1, Page 06, NIT Clause No.1.1.4.2, Minimum Eligibility Criteria	The "similar work" for this contract shall be "Construction of secant piles, slope protection work such as rock anchors, rock blots, shotcreting, etc for any state/Central Government Organization"	The "similar work" for this contract shall be "Construction of piles with Heavy Capacity Hydraulic Rotary Rig , slope protection work such as rock anchors, rock blots, shotcreting, etc for any state/Central Government Organization"
2	Volume 3, Page 33, clause no.14(1), Approved Manufacturers	Materials and goods for inclusion in the Permanent Works shall be new unless the Engineer has consented otherwise. Preference shall be given to local materials where available. Approved Manufacturers/Suppliers of few important items have been given in Appendix 10 of this document. These materials shall be procured only for these manufacturers/Suppliers	Materials and goods for inclusion in the Permanent Works shall be new unless the Engineer has consented otherwise. Preference shall be given to local materials where available. Approved Manufacturers/Suppliers of few important items have been given in Appendix 11 (As Attached) of this document. These materials shall be procured only for these manufacturers/Suppliers
3	Volume.1, Page 01, NIT Clause No.1.1.3 Online E-Tender Schedule	Document download/Sell end date (Online) - 07/11/2019 at 11.00 Hrs Bid submission Last date (Online) - 07/11/2019 at 17.00 Hrs Bid Opening date & time (Online) - 08/11/2019 at 11.00 Hrs	Document download/Sell end date (Online) - 15/11/2019 at 11.00 Hrs Bid submission Last date (Online) - 15/11/2019 at 17.00 Hrs Bid Opening date & time (Online) - 18/11/2019 at 11.00 Hrs

APPENDIX 11

APPROVED MANUFACTURERS / SUPPLIERS

S. No.	Details of Materials / Products	Manufacturer's Name
1	Cement	ACC, Ultratech, Gujarat Ambuja, Lafarge
2	Reinforcement bars	SAIL, Rashtriya Ispat Nigam Ltd., TATA Steel, JSW Steel, ESSAR Steel.
3	Epoxy	FOSROC, SIKA, BASF
4	Admixtures	FOSROC, MBT, SIKA, BASF
5	Structural Steel	TATA, SAIL
6	Pre Stressing Strands (LRPC)	TATA, SSL Ltd., USHA, Martin
7	Curing Compound	FOSROC, CICO
8	Mico Silica	SIKA, ELKEM, FOSROC