

No. MMRC/ML-3/Car Depot/Office setup/24/589

March 6th, 2024

To

M/s.
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Sub : Providing office setup and interior works at OCC 3rd floor & station 1st floor driver lobby in Aarey colony car depot of Mumbai Metro Line-3 project

Ref : i) Tender ID No:2024_MMRCL_187597_1

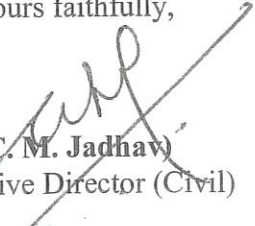
ii) Tender reference No:MMRC/ML-3/Car Depot/Office setup /NIT/24
dt. 21/02/2024

Sir/Madam,

Enclosed please find herewith reply/clarifications of bidder's queries along with Addendum No.1.

2. You may please note that the reply/clarifications & Addendum No.1 shall form the part of Contract Document.

Yours faithfully,


(C. M. Jadhav)
Executive Director (Civil)

Encl: As Above (Total Pages: 10 No)

MUMBAI METRO RAIL CORPORATION LTD

Reply/Clarification of Bidder's queries dt. 06/03/2024

Name of Work: Providing office setup and interior works at OCC 3rd floor & station 1st floor driver lobby in Aarey colony car depot of Mumbai Metro Line-3 project

Reference: Notice No:MMRC/ML-3/Car Depot/Office setup /NIT/24 dt. 21/02/2024

Sl. No	Clause No.	Existing Excerpts of the Clauses of the published bid	Query (ies) & amendment suggested by bidders	Response of Employer
1	NIT Cl.2	Online E-Tender Schedule : Bid submission Last date (Online) till 07/03/2024 at 16.00 Hrs	We would like to request you to please give us time extension to quote the above tender for procuring the rates meticulously and accurate rate analysis we request you to grant us extra 3-4 days.	Please refer to addendum no.1
2	NIT Cl.2	Online E-Tender Schedule : Bid Opening date & Time (Online) on 08/03/2024 at 16.00 Hrs	Public holiday on 08/03/2024	Please refer to addendum no.1
A	Part-2 (b) TECHNICAL SPECIFICATIONS			
3	1. GENERAL a)	Testing of materials / works shall be carried out as per latest specification / BIS codes from approved test laboratory. The contractor shall carry out all such tests at his own cost & time. The nos. of samples to be submitted for testing and the frequency of testing shall be as specified in the specifications / standards or codes.	<ol style="list-style-type: none"> 1. Majority of items considered in Schedule-B of the tender are Non-schedule items and the list of items which are required to be tested in "approved test laboratory" may kindly be provided. 2. Also kindly provide the list of approved laboratory so that testing charges can be considered & loaded while offering competitive price with the tender. 3. Kindly also provide that against which items of Schedule-B, the Manufacturer Test Certificate shall be accepted. 4. Kindly also provide how much reasonable testing time by the "approved laboratory" has been considered in the subject tender where completion time of the subject job is considered as 45 calendar days. 	Tender conditions shall prevail

			<p>5. Kindly also provide the estimated time for following activities desired by department under various clauses of tender including time required by Owner's reciprocal deliverables :</p> <ul style="list-style-type: none">(i) Minimum time required by Contractor for submission of samples of 62 Nos. of items as per Schedule-B= days(ii) issuance of letter by department for testing of materials = days(iii) minimum days required by laboratory for testing the specimen = days(iv) issuance of test report by laboratory= days(v) acceptance of report by the Owner/ Architect and subsequent instructions to contractor = days(vi) release of PO by the contractor to supplier for limited quantity of material for mock-ups = days(vii) lead time of supply by manufacturer for mock-ups= days(viii) time required for installation of material for mock-up = days(ix) Architect <i>desired 7 days prior notice</i> for inspection of such mock-ups as per existing Clauses No. 16 of Specification.(x) time required for approval to be given by the Owner on mock-ups = days.(xi) Time required for preparation of shop drawings of 62 Nos. of items as per Schedule-B after approval of mock- ups by the contractor and submission of the same for approval of Owner/ Architect = days(xii) Issuance of comments by the Owner/ Architect on submitted shop drawings of 62 Nos. of items as per Schedule-B by the Contractor = days.(xiii) Incorporation of comments by the Contractor and re-submission of revised shop drawings of 62 Nos. of items as per Schedule-B for approval of Architect/ Consultants = days(xiv) Issuance of finally approved shop drawings of 62 Nos. of items as per Schedule-B by the Owner/ Architect = after anticipated minimum 1 revision for incorpo	
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			<p>(xv) time required for placing of POs of minimum of 62 Nos. of items as per Schedule-B by contractor to the manufacturer/ supplier for bulk requirement after approval of mock-ups & shop drawings= days</p> <p>(xvi) Lead time to be taken by the manufacturer/ supplier for supply of material on approval of mock-ups = Days</p> <p>(xvii) Minimum time required for Installation & site execution = days from all approvals of material, shop drawings & mock-ups.</p> <p>(xviii) Minimum time required for testing, cleaning & handing over = days.</p> <p>Kindly provide reasonable duration as per the internal working of your good office "in No. of days" as submitted above so as to enable bidders to carryout competitive working on bids and avoid any ambiguity after award of the Work.</p>	
4	1. GENERAL b)	All the works shall be carried out in accordance with drawings, specifications, description of item in schedule of quantities or as per the direction of an Architect to his full satisfaction. If the substitution of any approved / specified material and make, due to its non-availability, with an alternative one, becomes necessary, the agency must get specific approval of the same before placing order for purchase of materials.	<ol style="list-style-type: none"> 1. Kindly confirm whether work shall be executed under supervision of Owner or Architect and whose instructions shall be followed at site. 2. Kindly provide how much time has been considered for the process of substitution of items in event of non-availability and whether time required for substitution shall be attributable to Contractor or Owner. Also kindly confirm such time elapsed in substitution shall be considered as hindrance not attributable to the Contractor. 	Tender conditions shall prevail
5	1. GENERAL c)	Providing and operating necessary measuring and testing devices and materials are included in the Contractor's scope of work. The quoted price shall be inclusive of the cost of all such tests, which are required to ensure achievement of specified quality. No separate payment for testing shall be made.	Kindly provide the list of necessary testing devise Owner expects from Contractor to mobilize at site as no separate payment shall be paid to the Contractor.	Tender conditions shall prevail.

6	1. GENERAL e)	Any scaffolding used shall be of double vertical supports and no portion of scaffolding shall touch the wall surface.	Kindly confirm whether "H frame" with bracings shall be accepted as Scaffolding.	Tender conditions shall prevail
7	1. GENERAL g)	Any work not conforming to specifications or workmanship shall be rejected and the same shall be rectified or removed and replaced with work of the required standard of workmanship at no extra cost to the employer.	Kindly issue the Architectural Elevation, Sectional details and Interior finish plan drawings to understand the detailed specification and ensure workmanship as the drawings issued with Tender does not explicitly covers the same.	Tender conditions shall prevail
8	6. DECORATIVE TIMBER VENEER PLY	For majority of veneers the contractor shall arrange for selection of finishing material from bulk stocks of the supplier. A joint visit shall be arranged by the contractor along with Architect/Employer for the selection process. This shall have no bearing on the cost to the employer.	<ol style="list-style-type: none">1. Kindly furnish the No. of days in which Owner/ Architect shall visit the out lets/ bulk stocks for selection of veneers on receipt of such requests by the contractor. Kindly also review and confirm whether such period is considered in overall completion time of 45 Calendar days.2. Kindly provide the detailed drawings/ tentative shades of Veneer which Owner is looking for as the cost shall differ exponentially even with same manufacturer, same thickness & same chemical/ physical property. Therefore, it is requested to make requirement explicit at this stage itself so as to offer best competitive price and void any ambiguity in future.	Tender conditions shall prevail
9	7.	LAMINATE SHEETS Laminate shall be of the brand, catalogue surface finish, colour as specified and approved by the Architect. <u>All laminates shall be in finish as per design intent unless mentioned otherwise.</u> Laminates shall comply with standards and specifications.	Kindly issue and confirm the design intent of laminate to offer most competitive price.	Tender conditions shall prevail
10	9.	All fittings and fixtures shall be as specified in Schedule of Items or <u>on drawing by Architect.</u> Approved makes only shall be used for respective items. Fittings shall be guaranteed by the manufacturer for its performance.	Kindly issue detailed drawings for clarity on fittings and fixtures enabling bidders to quote competitive price.	Tender conditions shall prevail

11	14.	<p>The contractor shall submit for approval of the following:</p> <p>a) Literature / Catalogue of product to be used.</p> <p>b) Test certificates from independent laboratories conforming that product meets standards specified.</p> <p>c) Manufacturers certification that product meets / exceeds specification for the project.</p> <p>d) Include data for wood preservative treatment and chemical treatment from manufacturer and certification by treating plant that treated materials comply with requirement.</p> <p>e) Literature describing each fabric wall covering product and its suitability for the surface intended shall be submitted. List materials composition of fabric materials including backing.</p>	<p>b) Kindly define for which items of Schedule-B, the <i>Test certificates from independent laboratories conforming that product meets standards specified</i> are required.</p> <p>c) Kindly define for which items of Schedule-B, the <i>Manufacturers certification that product meets / exceeds specification for the project</i> are required.</p> <p>e) No detailed specification of Fabric is mentioned in tender except "<i>Wall fabric shall achieve Class 1 surface spread of flame</i>" at Sl. 11 of Technical specification. Kindly provide detailed drawings, specification and texture so as to offer most competitive price.</p>	Tender conditions shall prevail
12	15	<p>SHOP DRAWINGS</p> <p>a) The contractor shall prepare detail drawing for site measurement. Drawings shall indicate each material, its installation, fixing details, finishing, etc. all in plan, elevation, section and typical details and will have to get the same approved from the Architect before execution of work.</p>	<p>1. As per sound engineering practices, A Shop Drawing is prepared by a contractor, sub-contractor, manufacturer, or a supplier for the manufacturing, assembling and installation of <i>prefabricated components in a construction site</i>. Here detailed drawing sought by contractor is contradictory. We understand that detailed drawing comprised of Floor plans, Architectural plans, Architectural Elevations, Architectural & Structural sectional details and other required details shall be issued by Architect/ Owner. Kindly confirm.</p> <p>2. If No detailed drawing shall be issued by the Architect/ Owner as sought above, kindly consider a separate and additional time line of about 2 months for development of the detailed drawings and suitable line items in Annexure-B for hiring of</p>	Good For Construction (GFC) drawings shall be provided by Employer / our Architect

		<p>b) Shop drawings should be submitted showing the location of each item, dimensioned plans and elevations, large-scale details, attachment devices and other components.</p> <ol style="list-style-type: none"> 1. Show details in full size. 2. Show locations and sizes of furring, blocking and hanging strips, including concealed blocking and reinforcement specified in other sections. 3. Show locations and sizes of cut-outs and holes for cabling fixtures plumbing fixtures, faucets and other items installed in Architectural woodwork. 	<p><i>Architect by Contractor for preparation of detailed drawings</i> may kindly be added for quoting of rate for the same.</p> <ol style="list-style-type: none"> 3. Also provide the list of shop drawings, Owner/ Architect require for items of Schedule-B. 4. Kindly also provide and confirm the maximum time shall be taken by the Architect/ Owner for approval of such shop drawings. 	
13	16	<p>MOCK-UPS Before fabricating and installing interior Architectural work, <u>mock-ups should be built for each form of construction</u> and finish required to verify selections made under sample submitted and to demonstrate aesthetic effects and qualities of materials and execution. Build comply with the following requirements, using materials indicated for the completed work:</p> <ol style="list-style-type: none"> 1. Mock-ups should be built in the location and size indicated or, if not indicated, as directed by Architect 2. Notify Architect seven days in advance of dates and times when mock-ups will be fabricated and installed. 	<p>Kindly define and clarify that what does it mean by each form? Whether it is for each item of Schedule-B or each type of room considered under scope of work? Kindly confirm.</p> <p>Additionally,</p> <ol style="list-style-type: none"> 1. Kindly confirm the size required to be built for Mock- ups and the items to be installed as the cost towards Mock-ups is not provided exclusively in Schedule-B and same has be loaded on other items. 2. If Architect to be notified in 7 days advance when mock-ups are ready then kindly confirm in how many days the approval on Mock-ups shall be granted by Architect, kindly confirm. Kindly also confirm how may days are considered for approval of mock-ups to start procurement and execution in overall completion time of 45 days. 3. Kindly specify the list of items required to be demonstrated in mock-ups as many of the items are prefabricated and also Wooden joinery items, Fabric and other off-shelf items which have considerable lead time of supply even up to 6 to 8 weeks by manufacturers. 	Tender conditions shall prevail

		<p>3. Mock ups should demonstrate the proposed range of aesthetic effects and workmanship.</p> <p>4. Approval of Architect for the mock-ups must be obtained before starting interior architectural work fabrication</p> <p>5. Mock-ups should be maintained during construction in undisturbed conditions as a standard for judging the completed work.</p> <p>6. Demolish and remove mock-ups when directed.</p> <p>7. Approved mock-ups may become part of the completed work if undisturbed at time of substantial completion.</p>	<p>4. In how many days the approval on Mock-ups shall be granted by Architect, kindly confirm. Also confirm whether this period of approval of mock-ups shall be over and above total completion time of the work which is 45 calendar days.</p> <p>5. Kindly confirm that items used in Mock-ups shall be measured for payment under Schedule-B.</p> <p>6. Kindly confirm where the demolished materials from Mock-ups shall be used and if not, kindly confirm that the same shall be handed over to the Owner.</p> <p>7. Kindly confirm that mock-ups shall be measured for payment under relevant items as there is no separate item considered in Schedule-B.</p>																									
14	17.	<p>FABRICATION & INSTALLATIONS</p> <p>j) Fabricator should be experienced in producing architectural woodwork similar to that indicated for this project and with a record of successful in service performance, as well as sufficient production capacity to produce required units.</p>	<p>1. If the bidder himself have executed architectural woodwork, do he require to submit records as sought in the clause and if so, what are the records required to be produced for successful service performance. Kindly confirm.</p> <p>2. Kindly issue detailed drawing of <i>architectural woodwork similar to that indicated for this project</i> to understand and offer most competitive bid.</p>	Tender conditions shall prevail																								
15	<p>Special Conditions</p> <p>13. Project Specific Conditions</p> <p>IX.MILESTONE TABLE Page 46 of DTP</p>	<p>IX.MILESTONE TABLE</p> <table border="1"> <thead> <tr> <th>Milestone No.</th> <th>Total works to be completed (Financial) as shown in Schedule - B</th> <th>Period from the Commencement / Completion Date</th> <th>Compensation per Day in Rupees for shortfall in progress till progress is achieved</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Completion of 20% of overall progress</td> <td>15 days</td> <td>0.05% of Contract Value</td> </tr> <tr> <td>2</td> <td>Completion of 50% of overall progress</td> <td>30 days</td> <td>0.05% of Contract Value</td> </tr> <tr> <td>3</td> <td>Completion of 100% of overall progress</td> <td>45 days</td> <td>0.05% of Contract Value</td> </tr> <tr> <td>4</td> <td>Defects Liability Period (from the date of successful completion of works where sectional completion certificate is issued.)</td> <td>6 months</td> <td>-</td> </tr> </tbody> </table>	Milestone No.	Total works to be completed (Financial) as shown in Schedule - B	Period from the Commencement / Completion Date	Compensation per Day in Rupees for shortfall in progress till progress is achieved	1	Completion of 20% of overall progress	15 days	0.05% of Contract Value	2	Completion of 50% of overall progress	30 days	0.05% of Contract Value	3	Completion of 100% of overall progress	45 days	0.05% of Contract Value	4	Defects Liability Period (from the date of successful completion of works where sectional completion certificate is issued.)	6 months	-	<p>In view of the above submissions, it is not practically possible to adhere with the Milestone table and requested to remove any interim compensation as the same shall obstruct cash flow and affect momentum of the Work. If at all it is not possible to remove, kindly consider as proposed under:</p> <table border="1"> <thead> <tr> <th>Milestone No.</th> <th>Total works to be completed (Financial) as shown in Schedule - B</th> <th>Period from the Commencement /</th> <th>Compensation per Day in Rupees for shortfall in</th> </tr> </thead> </table>	Milestone No.	Total works to be completed (Financial) as shown in Schedule - B	Period from the Commencement /	Compensation per Day in Rupees for shortfall in	Tender conditions shall prevail.
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1			Completion of 20 % of overall progress	3 months	0.05 % of Contract Value	
2			Completion of 50 % of overall progress	5 months	0.05 % of Contract Value	
3			Completion of 100 % of overall progress	8 months	0.05 % of Contract Value	
4			Defects Liability Period (From the date of successful completion of works where sectional completion certificate is issued.)	6 months	0.05 % of Contract Value	
16	GENERAL GUIDEINES 1.3 Time limit for completion of work:	Time period is 45 calendar days inclusive of monsoon period, from the Date of Order to Commence the Work	Considering the various requirements considered under tender terms and reasonable time required to comply the same viz: approvals, lead time of material and other items submitted at Para Part-2 (b) TECHNICAL SPECIFICATIONS 1. GENERAL a), <i>kindly amend completion time as 6 months from the date of approval of all the material and mock-ups. OR 8 moths from the date of the commencement of Work.</i>	Tender conditions shall prevail.		
17	CHAPTER: IX – (b) CONDITIONS OF CONTRACT Clause 10:	Bill to be submitted monthly	Considering the Completion time as 45 Calendar days, it seems not be practical to receive payment towards even 1 st Running Account bill during duration of the contract and subsequently manifold Solvency shall be required than what is sought under this tender. To address practical issues, CVC guidelines and in the interest of project, minimum completion time of the subject work should be 8 months. Kindly confirm in maximum how many days from the submission of bill, the payment shall be released to the Contractor.	Tender conditions shall prevail. After submission of bill by contractor along with required supporting documents & certification by Employer,		

				payment will be released within 7 working days.
18	GENERAL GUIDEINES 1.3 Time limit for completion of work:	Time period is 45 calendar days inclusive of monsoon period, from the Date of Order to Commence the Work	Kindly revise completion time of subject job as minimum 6 months after approval of all items. There are many activities of Mockups and shop drawings prior to commence the work which is not possible in overall completion time of 45 days.	Tender conditions shall prevail.
19	1. GENERAL g)		Kindly issue Architectural drawings of various scope of work as corrigendum for effective cost working	Tender conditions shall prevail.

MUMBAI METRO RAIL CORPORATION LTD (MMRC)

Addendum no. 1 dt. 06/03/2024

Name of work:- Providing office setup and interior works at OCC 3rd floor & station 1st floor driver lobby in Aarey colony car depot of Mumbai Metro Line-3 project

***Please refer Notice No:MMRC/ML-3/Car Depot/Office setup /NIT/24 dt. 21/02/2024**

S.N.	Reference of clause & description	Existing clause (As per addendum No.1)	To be replaced as
1	NIT Cl.2 Online E-Tender Schedule :	Bid submission Last date (Online) till 07/03/2024 at 16.00 Hrs	Bid submission Last date (Online) till 11/03/2024 at 11.00 Hrs
2	NIT Cl.2 Online E-Tender Schedule :	Bid Opening date & Time (Online) on 08/03/2024 at 16.00 Hrs	Bid Opening date & Time (Online) on 12/03/2024 at 12.00 Hrs. Bidders who wants to present during opening may reach office of MMRCL, 1st Floor, Transit Office Building, Plot No. R-13, E-Block, Bandra Kurla Complex, Bandra (East), Mumbai - 400 051