



MMRC

**MUMBAI METRO RAIL CORPORATION LTD.
MUMBAI METRO LINE - 3
(COLABA-BANDRA-SEEPZ)**

TENDER DOCUMENT

Name of Work : Construction of Pre-cast Boundary Wall with Pathway around MIDC Andheri Metro Station, MIDC, Mumbai.

Tender ID : 2024_MMRCL__1

Tender Ref. No. : MMRC/Planning/NIT/MIDCBD/2024/04

Containing total **182** pages

Issuing Authority:

Mumbai Metro Rail Corporation Limited

801 & 803, 8th Floor, Hallmark Business Plaza, Opp
Gurunanak Hospital, Sant Dyaneshwar Marg,
Bandra (East) Mumbai – 40005

INDEX

SR. No.	DESCRIPTION	PAGE NO.
1	Cover & Index	1-2
2	Notice Inviting e-Tender	3
3	Check List / PQ Proforma with Annexure's	13
4	Instructions For Online Bid Submission	37
5	Scope of Work	40
6	Award of Contract	43
7	A. General	45
8	B. Time Control	46
9	C. Quality Control	48
10	D. Cost Control	49
11	E. Closing of the Contract	56
12	General Guidelines	61
13	Conditions of Contract	64
14	General Conditions of contract (GCC Clauses)	67
15	Project Specific Conditions of Contract	109
16	Construction Specifications	124
17	Proforma of Schedules	162
18	List of Preferred Makes	168
19	BOQ (Price bid)	175
20	Tender Drawings	180

Certified that this Tender Document contains pages 1 to 182 (Only).

Authorized Signatory
(For and on Behalf of MMRCL)

MUMBAI METRO RAIL CORPORATION LTD. (MMRCL)

NOTICE INVITING e-TENDER

Tender ID: 2024_MMRC_....._1

Ref. No. MMRC/Planning/NIT/MIDCBD/2024/04

Date : 30.07.2024

1. **Percentage Rate** online e-tenders are invited through the NIC CPP e-tendering portal by Dy. Gen. Manager (Civil), MMRCL, Mumbai, Maharashtra-400051, Ph- 02269061357 (Bid Manager) on behalf of Director (Planning), MMRCL, MUMBAI from eligible contractors who fulfill the Pre-Qualification criteria in Two Bid System for the work of "Construction of Pre-cast Boundary Wall with Pathway around MIDC Andheri Metro Station, MIDC, Mumbai" at an estimated cost of **Rs 1,75,49,223** (Rupees One crore seventy five lacs fourty nine thousand two hundred and twenty three) (Excluding GST) with period of completion **60 days (Sixty days) [including monsoon] with Defect Liability Period of 12 months.**

Name of Work and Location	Construction of Pre-cast Boundary Wall with Pathway around MIDC Andheri Metro Station, MIDC, Mumbai.
Description of Work	Appointment of Contractor for Construction of Pre-cast Boundary Wall with Pathway around MIDC Andheri Metro Station, MIDC, Mumbai
Estimated Cost	Rs. 1,75,49,223 /- (Excl. GST)
Earnest Money Deposit (EMD)	Rs. 1,75,492 /-
Security Deposit	Nil
Retention money	5% of the RA cum Final Bill
Performance Guarantee	5% of the Awarded Contract Value
Period of Completion	60 days (Sixty Days) [including monsoon]
Last date and time of submission of bid	22.08.2024 upto 1800 hrs.
Bids shall be submitted online only at CPP website	https://etenders.gov.in/eprocure/app
Addendum & Corrigendum, if any will be issued only on website	https://etenders.gov.in/eprocure/app & www.mmrcl.com

The tendering process is online at CPP-portal URL address <https://etenders.gov.in/e procure/app>. Prospective Tenderers may download and go through the tender document.

Prospective Tenderers are advised to register themselves at CPP-portal, obtain 'Login ID' and 'Password' and go through the instructions available in the Home Page after log in to the CPP-portal <https://etenders.gov.in/e procure/app>. They should also obtain Digital Signature Certificate (DSC) in parallel which is essentially required for submission of their application. The process normally takes 03 days' time.

MMRCL Helpdesk:

In case of any queries, Bidders may contact MMRC's e-tendering service desk at Mr. Pravin Ambulgekar (Email:- pravin.ambulgekar@mmrcl.com, Mob:- +918552856333) Ms. Sushmita Kapadnis (Email:- cppspsupport@mmrcl.com, Mob:- +919579367223)

CPP Helpdesk:

For any technical related queries please call at 24 x 7 Help Desk Number:

0120-4001 002, 0120-4001 005, 0120-6277 787

International Bidders are requested to prefix +91 as country code

Email Support:

For any Issues or Clarifications relating to the published tenders, bidders are requested to contact the respective Tender Inviting Authority

Technical - [support-eproc\(at\)nic\(dot\)in](mailto:support-eproc@nic(dot)in)

Policy Related - [cpps-doe\(at\)nic\(dot\)in](mailto:cpps-doe@nic(dot)in)

There will be no tender processing fees.

Earnest Money Deposit (EMD) of ₹ 1,75,492.00 (Rupees one lacs seventy five thousand and four hundred and ninety two only) will be required to be paid online on

Beneficiary	MUMBAI METRO RAIL CORPORATION LIMITED
Bank Name	STATE BANK OF INDIA
Current A/C no	35160137534
IFSC Code	SBIN0000300
Branch	MUMBAI MAIN BRANCH

Account details of bidder on company's letter head to be uploaded online for return of EMD

2. Following 02 envelopes shall be submitted through online at CPP-portal by the tenderer as per the following schedule: -

CRITICAL DATA SHEET (Tentative)

Publishing Date	Date 07.08.2024 from 1800 hrs
Bid Document Download / Sale Start Date	Date 08.08.2024 from 0928 hrs.
Clarification Start Date	Date 08.08.2024 from 0928 hrs.
Clarification End Date	Date 16.08.2024 upto 1800 hrs.
Bid Submission Start Date	Date 08.08.2024 from 0928 hrs.
Bid Submission End Date	Date 22.08.2024 upto 1600 hrs.
Pre Bid Meeting Date	Date 14.08.2024 at 1200 hrs.
Bid Opening Date (Envelope- I)	Date 23.08.2024 at 1600 hrs.
Bid Opening Date (Envelope- II)	Date 28.08.2024 at 1500 hrs. Tentative or Will be intimated through CPP Portal & MMRC Portal (www.mmrc.com)

The venue for Pre-bid Meeting will be: 801 & 803, 8th Floor, Hallmark Business Plaza, Opp Gurnanak Hospital, Sant Dnyaneshwar Marg, Bandra (East), Mumbai – 400050.

Technical Capabilities/Criteria: The Bidders who fulfil the following requirements shall be eligible to apply-

Envelope-I (Technical Bid and Pre-qualification): - Bid containing following:

A. Technical Bid containing the following: -

- i) Scanned copy of Tender Acceptance Letter on Bidder's Letter Head.
- ii) Scanned copy of Permanent Account Number (PAN) and GST Registration Number and Receipt of EMD paid & Account details of bidder on company's letter head for return of EMD amount.
- iii) Scanned copy of 'Undertaking' regarding Blacklisting/ Debarment on Bidder's Letter Head.
- iv) Scanned copy of Form- A - details of similar works completed during last five years with completion certificate issued by client.
- v) Scanned copy of Form- B - Financial Information.
- vi) Scanned copy of Form- C – Net Worth.
- vii) Scanned copy of Form- C – Solvency.
- viii) Bidder shall submit scanned copy of 'Undertaking' on Company's Letter Head that "I/ We will deploy sufficient plant and machinery as per the requirement of work in consultation with the Engineer-in-Charge (E-I-C) to achieve the milestones/targets and overall completion within the time period".
- ix) Bidders other than propriety firm shall submit, scanned copy of Authorization

Letter/Power of Attorney along with copy of Certificate of Incorporation of the Company under Companies Act showing CIN/LLPIN/Name of Directors of the Company & Copy of Board Resolution regarding Authority to assign Power of Attorney. Proprietary firm shall submit scanned copy of Authorization Letter/Power of Attorney only if the tender is processed by a person other than proprietor.

- x) Scanned copy of EPF & ESIC registration certificate (in case of EPF & ESIC registration certificate are not available with the bidder while submitting the tender, the bidder shall submit the undertaking letter.
- xi) Undertaking for GST.
- xii) Bidder shall submit scanned copy of valid registration under appropriate class with the Government of Maharashtra or other State Governments / Government of India or State / Central Government Undertaking.
- xiii) Checklist / PQ Performa duly filled.

B. Qualifying requirements of contractors / tenderers containing the following:

- a) Should have satisfactorily completed (Phase / Part completion of the scope of work in a contract shall not be considered, however pre-determined phasing of the work will be accepted) the works as a Prime Contractor mentioned below during the last Five years ending last day of month before the one in which bids are invited. The details of similar works completed during last five years in the given format Form-A with supporting documents issued by client.
 - i. Three similar (*) works each costing not less than 40% of the Estimated Cost put to tender.

Or
 - ii. Two similar (*) works each costing not less than 50% of the Estimated Cost put to tender.

Or
 - iii. One similar (*) work costing not less than 80% of the Estimated Cost put to tender.
- (*) Similar work means all kind of boundary wall works preferably pre-cast walls (Scanned copies of Completion certificate certified by Executive Engineer or equivalent authority and for Private works certificate issued by concerned Architect along with Completion certificate to be uploaded). Contractors who have done some additional works like pathway, footpath, internal road will be preferred.

Should have bidding capacity equal to or more than the estimated cost of the work put to tender. The bidding capacity shall be worked out by the following formula:

$$\text{Bidding Capacity} = \{[A \times N \times 1.5] - B\}$$

- A = Maximum turnover in construction works executed in any one year during the last five years taking into account the completed as well as works in progress. The value of completed works shall be brought to current costing level by enhancing at a simple rate of 7% per annum.
- N = Number of years prescribed for completion of work for which bids have been invited (Less than 6 month to be taken half year and more than 6 month to

be taken as 1 year)*

B = Value of existing commitments and ongoing works to be completed during the period of completion of work for which bids have been invited.

Financial Capabilities/Criteria:

- i) Should have had an average annual **financial turnover** of not less than 30% of the Estimated Cost put to tender during the three financial years ending 31st March 2023. (Scanned copy of Certificate from CA to be uploaded)
- ii) Should not have incurred any loss during the last three years ending 31st March 2023.
- iii) The bidder should have a **solvency** of 40% of the estimated cost put to tender (Scanned copy of original solvency to be uploaded) for the current financial year.
- iv) The **Net worth** of Bidder firm (or principal of authorised representative) should not be negative on 'The Relevant Date' and should not have eroded by more than 28% in the last 3 years, issued by certified Chartered Accountants. The Certificate should be submitted in the given format- Form-C.

Note:

- 1) Experience gained by executing work on back-to-back contract/ Sub-contract basis is acceptable in the following conditions:
 - (a) Work should be actually executed by the second agency (sub-contractor) with due concurrence of the owner as tripartite agreement/ written approval. It should be backed by valid agreement and experience certificate.
 - (b) Payments received by second agency should be reflected in TDS certificates.

Experience gained in composite works for the specialized nature of works were executed by main contractor either by in-house expertise & experience or by engaging the specialized agencies with the approval of main client as per contract conditions. In such cases, main contractor as well as specialized agency both gets the experience certificate for the same work from their respective client(s) i.e. main contractor for composite work along with specialized works from owner and specialized agency for specialized work(s) from the main contractor.

In this situation, the experience certificate of either specialized agency or main agency having in-house expertise & experience, who has actually executed the specialized work(s), shall be considered for Technical /Pre-qualifying criteria in similar specialized nature of work(s).

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to previous day of last day of submission of bids.

Client certificate for experience should show the nature of work done, the value of work, date of start, date of completion as per agreement, actual date of completion and satisfactory completion of work. Tenderers showing work experience certificate from non-government/non-PSU organizations should submit copy of tax deduction at sources (TDS) certificate(s) along with a certificate issued by registered Chartered Accountant, clearly specifying the name of work, total payment received against the work and TDS amount for the work.

Firm shall submit EPF and ESIC registration certificate. In case, firm do not possess the

EPF & ESIC registration, firm is required to submit the undertaking regarding getting themselves registered with EPF & ESI authorities, if becomes L-1 before commencement of work.

Tenderers have to submit the Undertaking for GST and compliance of its provision (as per Annexure enclosed in tender Document)

Envelope-II: - The Financial e-Bid through CPP portal.

All rates shall be quoted in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the tenderers. Tenderers are required to download the BOQ file, open it and complete the blue coloured (unprotected) cells with their respective financial quotes and other details (such as name of the tenderer). No other cells should be changed. Once the details have been completed, the tenderer should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the tenderer, the bid will be rejected.

3. Refund of EMD

EMD amount of the rejected bidders will be refunded to their source account after submission of Technical / Financial evaluation report on CPP portal by bid Manager.

4. Bid Submission: -

The tenderer shall submit their application only at CPP Portal: <https://etenders.gov.in/eprocure/app>. Tenderer/Contractor are advised to follow the instructions provided in the tender document for online submission of bids. Tenderers are required to upload the digitally signed file of scanned documents as per Para 2. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

Uploading of application in location other than specified above shall not be considered. Hard copy of application shall not be entertained.

5. Not more than one tender shall be submitted by one tenderer or tenderers having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e. when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.

6. Tenderer who has downloaded the tender from Central Public Procurement Portal (CPPP) website <http://etenders.gov.in/eprocure/app>, shall not tamper/modify the tender form including downloaded price bid template in any manner. In case if the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD would be forfeited, and tenderer is liable to be banned from doing business with MMRCL.

7. Bids Opening Process is as below: -

Envelope-I (Technical bid and Pre-qualification):

Envelope-I containing documents as per Para 2 (A) and (B) (uploaded by the tenderers) shall be opened on date & time mentioned in CRITICAL DATA SHEET.

If the bidder has any query related to the Bid Document of the work, they should use 'Seek Clarification' on CPP portal to seek clarifications. No other means of communication in this regard shall be entertained.

If any clarification is needed from the tenderer about the deficiency in his uploaded documents in Envelope – I, he will be asked to provide it through CPP portal, if required. The tenderer shall upload the requisite clarification/documents within time specified by MMRCL, failing which it shall be presumed that bidder does not have anything to submit and bid shall be evaluated accordingly.

The intimation regarding acceptance/rejection of their bids will be intimated to the tenderers through CPP portal.

Envelope-II (Financial Bid):

Envelope-II containing financial bid of the tenderers found to be meeting the technical criteria and qualifying requirements shall be opened on date & time mentioned in CRITICAL DATA SHEET. (In case the date and time for opening of Envelope-II (Financial bid) is required to be changed, the same shall be intimated through CPP Portal).

8. MMRCL reserves the right to accept or reject any or all applications without assigning any reasons. MMRCL also reserves the right to call off tender process at any stage without assigning any reason.

MMRCL reserve the right to disallow the working agencies whose performance at ongoing project (s) is below par and usually poor and has been issued letter of restrain/ Temporary/ Permanent debarment /blacklisting by any department of MMRCL or central/State Govt. Depts. /PSUs/World Bank/ADB etc.

9. MMRCL reserves the right to verify the credential submitted by the tenderer at any stage (before or after the award the work). If at any stage, any information /documents submitted by the applicant is found to be incorrect/false or have some discrepancy which disqualifies the tenderer then MMRCL shall take the following action:

- a) Forfeit the entire amount of EMD submitted by the tenderer.
- b) The tenderer shall be liable for debarment from tendering in MMRCL, including termination of the contract apart from any other appropriate contractual/legal action.

10. Joint Bids /Joint ventures/Consortium are not accepted.

11. Concessions to Indian Micro & small Enterprises (MSEs) units registered with DIC/NSIC/KVIC/KVIB/Directorate of Handicraft and handloom etc to be given as per provision of public procurement policy for MSEs order 2012 with up to date amendments, shall be applicable for tenders of supply/services and shall not be extended to construction work.

12. Tenderers have to submit Unique Document Identification Number (UDIN) generated documents like Balance Sheet / Turnover certificate, Working Capital Certificate (works done during last 5 financial years & works in hand), Net worth Certificate, Tax Deduction at Source (TDS) Certificates for Non- Govt. works etc. as per NIT conditions duly certified by CA and having UDIN. The documents submitted by bidders without UDIN shall not be entertained.

- 13.** The bidder shall have one of the offices at Mumbai Metropolitan Region.
- 14.** The site for the work is available. The site for the work is in a congested area and there are constraints in the working space available for plants, equipment, storage of material, labour camp etc.
- 15.** The drawing shall be made available to the Contractor by the Employer as per the approved Program of completion submitted by the Contractor.
- 16.** Intending Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender.
- 17.** A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed.
- 18.** The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity, access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents.
- 19.** Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of local conditions and other factors having a bearing on the execution of the work.
- 20.** The bid for the works shall remain open for acceptance for a period of 120 days from the date of opening of bids. If any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the MMRCL shall, without prejudice to any other right or remedy, be at liberty to forfeit the earnest money as aforesaid. Further, the bidders shall not be allowed to participate in the rebidding process of the work.
- 21.** The lowest Contractor will have to submit the rate analysis of all major items if called for.
- 22.** Bidder should upload scanned attested photocopies of all documents on above mentioned CPP portal & produce in original on request by MMRC at any stage from e-Tender opening.
- 23.** Awarded Contractor shall have to submit signed copy of tender manually to the department.
- 24.** Validity period of the offer of the Contractor will be 120 days from the date of submission of the financial bid of the e-Tender.
- 25.** Bidder to submit their work plan, details methodology to be adopted for this work.
- 26.** In case any discrepancy is noticed between the documents issued and submitted, then the

bid submitted shall become invalid and the MMRCL shall, without prejudice to any other right or remedy, be at liberty to forfeit the earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the retendering process of the work.

27. The last date of bid submission shall be (As per and technical bid shall be opened on “as per **CRITICAL DATA SHEET**”.

28. This notice inviting the Tender shall form a part of the contract document. The successful tenderer, on acceptance of his tender by the Accepting Authority shall within 21 days from the stipulated date of start of the work, sign the contract consisting of: -

The notice Inviting Tender, all the documents including additional conditions, specifications, and drawings, if any, forming part of the tender as submitted at the time of invitation of tender and the rates quoted at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

The agreement shall be signed with the successful tenderer on prescribed format which is enclosed at **Annexure-XI**.

29. The Contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the Accepted Contract amount (excluding GST) within the period specified in General Conditions of Contract. This guarantee shall be in the form of E-Bank Guarantee / Bank Guarantee or Demand Draft of any Scheduled commercial Bank. In case the Contractor fails to deposit the said performance guarantee within the period specified in General conditions of Contract, including the extended period if any, the Earnest Money deposited by the Contractor shall be forfeited automatically without any notice to the Contractor. The Contractor whose bid is accepted will also be required to furnish either copy of applicable licenses / registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including provident Fund code No. if applicable and also ensure the compliance of aforesaid provisions by the Sub-Contractors, if any.

30. Canvassing, whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenders submitted by the Contractors who resort to canvassing will be liable to rejection.

31. The Contractor shall not be permitted to tender for works in the MMRCL responsible for award and execution of contracts, in which his near relative is posted as an officer in any capacity of any grades. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any officer in the MMRCL or in the Ministry of Urban Development, Maharashtra. Any breach of this condition by the Contractor would render him liable to be removed from the approved list of Contractors of this Department.

32. MMRCL reserves the right to disallow the working agencies whose performance at ongoing project (s) is below par and usually poor and has been issued letter of restrain/Temporary or Permanent debarment/blacklisting by any department of MMRCL or Central /State Govt. Depts./PSUs/World Bank/ ADB etc.

33. MMRCL does not bind to accept the lowest or any other tender and reserves the authority to reject any or all the tenders received without the assigning any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is out forth by the tenderer shall be summarily rejected.

34. MMRCL reserves to himself /herself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the percentage rates quoted.
35. MMRC reserves the right to verify financial transaction of contractor in his Bank / Financial Institutions. Contractor should give authority to that effect along with his accounts number and Bank/ Financial institution name & address. Any changes / modification may be communicated to MMRC immediately.

Sd/-
Dy. General Manager (Civil)
For and on behalf of
Mumbai Metro Rail Corporation Ltd.