



MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF AUTOMATIC FARE COLLECTION (AFC) SYSTEM FOR LINE 6 (SWAMI SAMARTH NAGAR TO VIKHROLI (EEH)) OF MUMBAI METRO RAIL PROJECT OF MMRDA.

CONTRACT NO: MMRDA/6/MMRP/CA-190

TENDER DOCUMENTS

INVITATION FOR BIDS (IFB)

September- 2023

**MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY
Metro PIU, 1st Floor, A-wing, Old Administrative Building, Bandra-Kurla Complex,
Bandra (E), Mumbai –400 051, India**

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Invitation for Bids

[Letterhead of the Employer]

Date...22.09.2023.....

Loan/Grant No. and Title...**20IN01**.....

Contract No. and Title MMRDA/6/MMRP/CA-190: **DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF AUTOMATIC FARE COLLECTION (AFC) SYSTEM FOR LINE 6 (SWAMI SAMARTH NAGAR TO VIKHROLI (EEH)) OF MUMBAI METRO RAIL PROJECT OF MMRDA.**

1.0 Deadline for Submission of Bids:

1.1. The MMRDA has received financing from the New Development Bank (NDB) towards the cost of **DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF AUTOMATIC FARE COLLECTION (AFC) SYSTEM FOR LINE 6 (SWAMI SAMARTH NAGAR TO VIKHROLI (EEH)) OF MUMBAI METRO RAIL PROJECT OF MMRDA.** Part of this financing will be used for payments under the contract named above. The Mumbai Metropolitan Region Development Authority (MMRDA) ("the Employer") invites bid from eligible Bidders for the same work.

1.2. Key Details

Completion Period of the Work	100 weeks (23 months)
Estimated Cost of Works	INR 57.36 Cr (excluding GST)
Bid Security (EMD)	INR 0.29 Cr
Tender Documents on Sale	From 26.09.2023 From 11:00 hrs to 29.11.2023 up to 11.00 hrs on e-tendering portal of MMRDA. https://mahatenders.gov.in/nicgep/app Tender document can only be obtained online after registration of tenderer on the e-tendering portal of Government of Maharashtra.
Cost of Tender Documents	INR 3000 plus GST Cost of Tender Documents shall be Non-Refundable. Tender Document and Supporting can be downloaded for reference purpose from the e-Tendering Portal of MMRDA during the period mentioned in the Tender Notice.
Pre-Bid meeting	10 October 2023 at 1100 hrs.
Last date of Seeking Clarifications	20.10.2023 up to 1730 hrs Queries / Clarifications from Bidders after due date and time shall not be acknowledged.

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Last date of issuing addendum	07.11.2023
Date & Time of Submission of Tender Online	29.11.2023 up to 1500 hrs
Date & Time of Tender Closing	From 29.11.2023 1501 hrs to 29.11.2023 1800 hrs.
Date & Time of opening of Tender online	From 30.11.2023 at 1500 hrs.
Authority for purchase of Tender documents, seeking clarifications and submission of complete Tender documents	Director (System) – Metro PIU, 1st Floor, A-Wing, Old Administrative Building Mumbai Metropolitan Region Development Authority (MMRDA), Bandra Kurla Complex, Bandra (East), Mumbai – 400051, Phone – 91 (22) 26597552, Email: mahatender@mailmmrda.maharashtra.gov.in For Technical Support- support- eproc@nic.in Call us on: 0120-4001005 / 0120-62777787, 91 (22) 26597656 Website – https://mmrda.maharashtra.gov.in https://mahatenders.gov.in/nicgep/app

2.0 QUALIFICATION CRITERIA

2.1 Minimum Eligibility Criteria:

2.1.1 Work Experience:

A. Contracts of Similar Size and Nature

- **General Construction Experience:** Experience under the Construction Contracts in the role of prime contractor, JV/Consortium Member or Management Contractor for at least the last 10 years.
- **Specific Construction and Contract Management:**
 - i) Tenderer should have Experience of satisfactory completion of similar works as under, as a prime contractor, Joint Venture Firm, Management Contractor or sub-contractor during last 10 years up to last day of month previous to the one in which bids are invited.
 - a) One contract of “***similar works***” of **INR 45.89 Crores** or more
OR
 - b) Two contracts of “***similar works***” of **INR 28.68 Crores** or more
OR
 - c) Three Contracts of “***similar works***” of **INR 22.94 Crores** or more

AND

ii) Experience in Intermodal Ticket integration using Security Key arrangement for contactless fare media, at least for 03 Transport Operators (3 modes of transport offered by one transport operator or 3 different transport Operator/Organization) shall qualify under the clause

*** Similar works shall mean design, manufacture, supply, installation, testing, commissioning and maintenance of contactless fare media-based AFC system (comprising of AFC gates, TOMs, TVMs, Station Computers and Central Computer) for Metro/LRT rail projects for which client (or end user) has issued Operational Certificate.**

If the bidder is a Foreign bidder or JV/Consortium and has a foreign partner and the above work(s) have been done by the Foreign Bidder / foreign partner of JV and such work(s) were done in the country of the Foreign Bidder / foreign partner then in addition to this, the foreign partner must have done at least one work of value INR 22.94 Crores or more of similar nature outside the country of origin of the Foreign Bidder / foreign partner

2.1.2 Financial Standing: In addition to the Criteria mentioned in the Tender Documents, the following financial standings will also be considered.

- i. **T1 - Liquidity:** The Bidder must demonstrate that its financial resources less its financial obligations for its current contract commitments, meet or exceed the total requirement for the Subject Contract of **INR 4.99 Crores**
- ii. **T2 – Net Worth:** As a minimum, the Bidder's net worth should be positive for at least 03 years out of last 05 financial years calculated as the difference between total assets and total liabilities.
- iii. **Average Annual Turnover:** Minimum average annual turnover of **INR. 44.81Cr Crores** calculated as total certified payments (certified by CA) received for contracts in progress or completed, within the last 05 years.
- iv. **Bid Capacity Criteria:** The tenderers will be qualified only if their available bid capacity is more than the approximate cost of work (57.36 Cr) as per EQC.

3.0 To obtain further information and inspect the Bidding Documents, Bidders should contact:

Director (Systems) -Metro PIU,
1st Floor, A-wing, Old Administrative Building
Mumbai Metropolitan Region Development Authority (MMRDA),
Bandra Kurla Complex, Bandra (E), Mumbai – 400051, Maharashtra, INDIA.
Phone: +91(22) 26597656,
Email: metropiu.systems@mailmmrda.maharashtra.gov.in
<https://mmrda.maharashtra.gov.in>

4.0 Tender and Supporting Documents can be downloaded for reference purpose from Government of Maharashtra's GoM Mahatender portal during the period mentioned in the tender notice. Interested Bidders have to make payment of Tender Fee using online payment gateway only during bid preparation. Receipt for e-Tender Fee to be uploaded in e-Envelope 'A'.

The details of Employer's bank are as under:

Beneficiary Name: MMRD Fund
Bank Name: Bank of Maharashtra
Branch: Kalanagar, Bandra (East)
Account No.: 60259778998
IFSC Code: MAHB0000164

5.0 Tender submissions will be made online after uploading the mandatory scanned documents. Bid shall be submitted online on the GoM Mahatender portal in “**Two (2) electronic envelopes (e-envelope) system**” within prescribed schedule.

a. e-Envelope “A” (Tender Fee, EMD, PoA and Technical Bid):

Bidder should generate and upload the following:

- i. Receipt for e-tender fee.
- ii. Receipt of Challan of online payment of Tender Security (EMD),
- iii. Copy of Bank Guarantee towards balance Tender Security (EMD)
- iv. Specific Power of Attorney supported with Board resolution.
- v. **Technical Bid- Bidder shall upload scanned copies of Tender Documents (or digitally signed Tender Documents).**

b. e-Envelope “B” (Financial bid):

i. Bidder shall quote his offer based on his filled Cost Centers / Schedules and upload scanned copies of his financial bid.

ii. Bids will be opened promptly after the deadline for bid submission in the presence of Bidder's representatives who choose to attend.

6.0 The Tender documents consist of:

Part I BIDDING PROCEDURES

- Section 1 - Instruction to Bidders (ITB)
- Section 2 - Bid Data Sheet (BDS)
- Section 3 - Evaluation and Qualification Criteria (EQC)
- Section 4 - Bidding Forms (BDF)
- Section 5 - Eligible Countries (ELC)

Part II REQUIREMENTS

- Section 6 - Employer's Requirements (ERQ) – including Technical Specifications, General Specifications, ESHS, Drawings

Part III CONDITIONS OF CONTRACT AND CONTRACT FORMS

- Section 7 - General Conditions of Contract (GCC)
- Section 8 - Special Conditions of Contract (SCC)
- Section 9 - Contract Forms (COF)

7.0 Single-Stage Two Envelope:

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Bidder should note that there are two envelopes. One for Technical Bid / Package and other for Financial Bid / Package.

The first envelope is Envelope A which consists of Bid Security (EMD and Bank Guarantee), cost of Tender Fee, Specific Power of Attorney and all other Technical Documents.

The Second envelope is Envelope B which consists of Financial Bid / Package. Bidder shall quote his offer based on his filled Cost Centers / Schedules given in Section 4B and upload scanned copies of his financial bid.

More information useful for submitting online bids on the e-tendering Portal may be obtained at: <https://mahatenders.gov.in/nicgep/app>

Since the e-tendering system shall calculate the amount of Quoted figures, which may change due to error and corrections in Foreign Currencies, the automated mail related to comparison does not depict the correct picture and hence does not hold good. The Correct status related to it shall be depicted / uploaded later on.

**Director (System) – Metro PIU,
1st Floor, A-Wing, Old Administrative Building
Mumbai Metropolitan Region Development Authority (MMRDA)**