



MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

CONTRACT NO: MMRDA/MMRP/CA-33

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING AND MAINTENANCE OF AUTOMATIC FARE COLLECTION (AFC) SYSTEM FOR 52 ELEVATED STATIONS AND AFC OCC, AFC SOFTWARE TESTING AND DEVELOPMENT CENTER (SDC) OF METRO LINE 2A (DAHISAR EAST TO DN NAGAR), LINE 2B (ESIC NAGAR TO MANDALE) AND LINE 7 (ANDHERI EAST TO DAHISAR EAST) OF MUMBAI METRO RAIL PROJECT OF MMRDA.

Invitation for Bids(IFB)

MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

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

Invitation for Bids (IFB)

Date:

Loan/ Grant No. and Title:

Contract No. and Title: MMRDA/MMRP/CA-33: DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING AND MAINTENANCE OF AUTOMATIC FARE COLLECTION (AFC) SYSTEM FOR 52 ELEVATED STATIONS AND AFC OCC, AFC SOFTWARE TESTING AND DEVELOPMENT CENTER (SDC) OF METRO LINE 2A (DAHISAR EAST TO DN NAGAR), LINE 2B (ESIC NAGAR TO MANDALE) AND LINE 7 (ANDHERI EAST TO DAHISAR EAST) OF MUMBAI METRO RAIL PROJECT OF MMRDA.

1.0 Deadline for Submission of Bids:

- The MMRDA has received financing from the New Development Bank (NDB) towards the cost of **DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING AND MAINTENANCE OF AUTOMATIC FARE COLLECTION (AFC) SYSTEM FOR 52 ELEVATED STATIONS AND AFC OCC, AFC SOFTWARE TESTING AND DEVELOPMENT CENTER (SDC) OF METRO LINE 2A (DAHISAR EAST TO DN NAGAR), LINE 2B (ESIC NAGAR TO MANDALE) AND LINE 7 (ANDHERI EAST TO DAHISAR EAST) 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**.

2. Key details:

Completion period of the Work	42 (Forty-Two) Months
Tender documents on sale	From <u>15.06.2018</u> to <u>30.07.2018</u> (up to 1200 hrs) on e-tendering portal of MMRDA. https://etendermmrda.maharashtra.gov.in Tender document can only be obtained online after registration of tenderer on the e-tendering portal of MMRDA.
Cost of Tender documents	INR 11,200/- (inclusive of GST@12%). 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	<u>02.07.2018</u> at 1500 hrs.
Last date of Seeking Clarifications	<u>04.07.2018</u> up to 1730 hrs. Queries / clarifications from bidders after due date and time shall not be acknowledged.
Last date of issuing addendum	<u>10.07.2018</u>
Date & time of Submission of Tender online	30.07.2018 up to 1500 hrs
Date & time of Tender Closing	From 30.07.2018 (1501 Hrs) to 30.07.2018 (up to 1800 hrs)
Date & time of online Control Transfer of Bid (Bidders Activity)	30.07.2018(1801 hrs) to 31.07.2018 (1100hrs)
Date & time of opening of Tender online	31.07.2018 at 1201 hrs.
Authority for purchase of tender documents, seeking clarifications and submission of completed tender documents.	Director (System)- Metro PIU 1 st Floor, A-wing, Old Administrative Building Mumbai Metropolitan Region Development Authority (MMRDA), Bandra Kurla Complex, Bandra (E), Mumbai – 400051 Phone: 91(22) 26597552, Fax: 91(22)26594182 Email: metropiu.systems@mailmmrda.maharashtra.gov.in https://mmrda.maharashtra.gov.in

2.0 QUALIFICATION CRITERIA:

2.1 Minimum Eligibility Criteria:

2.1.1 Work Experience:

- **General Construction Experience:** Experience under the Construction Contracts in the role of prime contractor, JV Member or Management Contractor for at least the last 10 years.
 - **Specific Construction and Contract Management:**
- A) 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 Ten years up to last day of month previous to the one in which bids are invited.

- One contract of “***similar works**” of **INR 193.26 Crores** or more
OR
- Two contracts of “***similar works**” of **INR 120.79 Crores** or more
OR
- Three Contracts of “***similar works**” of **Rs. 96.63 Crores** or more

And

If the tenderer is a JV/Consortium having foreign partner(s) and above work(s) have been executed by the foreign partner of the JV/Consortium in the country of origin of the foreign partner, then in addition to this the foreign partner must have executed works of value INR 96.63 crore or more outside the home country of the foreign partner.

***Similar works means:**

“Design, manufacture, supply, installation, testing and commissioning maintenance of AFC system for Metro rail projects for which client (or end user) has issued Operational Certificate”.

B) Tenderer should have minimum of Design, Manufacture, Supply, Installation, Testing and Commissioning of Contactless smartcard-based AFC system with central computer system for Metro rail projects for which client (or end user) has issued Operational Certificate:

- At least one completed Similar works for 22 stations or Two completed Similar works for 14 stations or Three completed Similar works for 11 stations or above for Metro within last Ten years

AND

If the Bidder is not a registered Indian firm, then in addition to this the Experience of “Design, Manufacture, Supply, Installation, Testing and Commissioning of Contactless smartcard-based AFC system with central computer system”

- At least one of the above completed Similar work for 14 stations for Metro within last Ten years outside the country of origin of the Bidder.

AND

If the Bidder is a JV/Consortium having foreign partner(s), and above work(s) have been executed by the foreign partner of the JV/Consortium and the work(s) were done in the country of the foreign partner(s), then in addition to this the Experience of “Design, Manufacture, Supply, Installation, Testing and Commissioning of Contactless smartcard based AFC system with central computer system” by the foreign partner(s)

- At least one of the completed Similar work for 14 stations for Metro within last Ten years by the foreign partner(s) outside the country of origin of the foreign partner(s).

AND

Experience in intermodal Ticket Integration using security key arrangements for Contactless Smart Cards for Single Entity / Single Entity (with all partner combined).

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 11.50 Crore**.
- ii. **T2 - Net Worth:** As a minimum, the Bidder’s net worth should be positive for atleast 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 103.53 Crore** 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 as per NIT.

3.0 The Tender documents consist of:

Part I BIDDING PROCEDURES

- Section 1 - Instructions 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, SHE, Drawings

Part II 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)

4.0 Single-Stage Two- Envelope:

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

Further, e-tendering system of MMRDA has two sub-envelopes in Technical Bid / Package. The first sub-envelop is Envelope A which consists of Tender Security (EMD and Bank Guarantee) and Cost of Tender fee. The second sub-envelop is Envelope B which consists of all Technical Documents.

Financial Bid / Package has only one envelop i.e. Envelope C. Bidder has to submit their financial bid in Envelope C.

Bidder shall quote his offer based on his filled Price Schedules (Section - 4).

Schedule No. 1: Schedules of Rates and Prices (Cost Center Schedules A1, A2, L7 B, L7 C, L7 D, L7 E, L2A B, L2A C, L2A D, L2A E, L2B B, L2B C, L2B D, L2B E)

Schedule No. 2: Training & Manuals, Spares, Maintenance (Cost Center T&M A, T&M B & MISC A, MISC B, MISC C)

Schedule No. 3: Grand Summary (Schedule 1 and Schedule 2)

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

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)**