



MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

CONTRACT NO: MMRDA/7/MMRP/CA-18

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING INCLUDING MAINTENANCE OF HEAVY DUTY MACHINE ROOM LESS ELEVATOR (LIFT) OF 13 ELEVATED STATIONS (ANDHERI EAST – OVARIPADA) OF METRO 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/7/MMRP/CA-18: DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING INCLUDING MAINTENANCE OF HEAVY DUTY MACHINE ROOM LESS ELEVATOR (LIFT) OF 13 ELEVATED STATIONS (ANDHERI EAST – OVARIPADA) OF METRO 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 INCLUDING MAINTENANCE OF HEAVY DUTY MACHINE ROOM LESS ELEVATOR (LIFT) OF 13 ELEVATED STATIONS (ANDHERI EAST – OVARIPADA) OF METRO 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	14 (Fourteen) 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 5,600/- (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>04.07.2018</u> at 1400 hrs.
Last date of Seeking Clarifications	<u>06.07.2018</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 1500 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:**
 - 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.

- One contract of “**similar works**” of **INR 22.08 Crores** or more
OR
- Two contracts of “**similar works**” of **INR 13.80 Crores** or more
OR
- Three Contracts of “**similar works**” of **Rs. 11.04 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 11.04 crore or more outside the home country of the foreign partner.

**Similar works means Design, manufacture, supply, installation, testing and commissioning of Elevators (Lifts) for Railway Station(s) / Metro Station(s) / Suburban Railway Station(s) / Airport(s) for which client (or end user) has issued Certificate.*

- B)** Tenderer should have minimum of “Design, Manufacture, Supply, Installation, Testing, Commissioning of at least 28 Machine Room ****Less Heavy-Duty Lifts (Elevators)** for Railway Station(s) / Metro Station(s) / Suburban Railway Station(s) / Airport(s) completed in last 10 years”

***Heavy Duty Elevators (Lifts) means Lifts shall be capable of operating satisfactorily and smoothly for 180 motors starts per hour or above for a period of not less than 20 hours per day, seven day a week, during which the Lifts shall run continuously with the contract load for 12 hours and shall travel up and down with intermediate stops within the environmental conditions as stated in the General Specification and at the location where the lifts are to be installed. These lifts should be designed for minimum 10,00,000 (Ten lakh) operations per year. The heavy-duty lifts should be a proven, energy efficient, tested and sustainable product for MRTS applications in terms of technology, design & safety as per EN81 and NFPA130 (latest edition).*

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 3.94 Crore**.
- i. **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.
- ii. **Average Annual Turnover:** Minimum average annual turnover of **INR 35.49 Crore** calculated as total certified payments (certified by CA) received for contracts in progress or completed, within the last **05** years.
- iii. **Bid Capacity Criteria:** The tenderers will be qualified only if their available bid capacity is more than the approximate cost of work as per EQC.

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	Design, Manufacture Supply Installation Testing, and Commissioning including Maintenance of Heavy Duty machine room less Elevator during 2 years Defect Liability Period (DLP).
Schedule No. 2 (A)	O&M Documentation, Transfer of Technology all other obligations as per Tender Documents.
Schedule No. 2 (B)	Training of Employer's Staff
Schedule No. 3 (A)	Price for recommended Consumable Spares.
Schedule No. 3 (B)	Price for Unit Exchange Spares
Schedule No. 3 (C)	Prices for Mandatory/ Contract Spares & Tools
Schedule No. 4	Prices for Annual Comprehensive Maintenance Charges for 3 years beyond Defect Liability Period.
Schedule No. 5	Prices for the unconditional withdrawal of deviations, conditions, qualifications, etc. separately for each deviation, condition, qualification etc.
Schedule No. 6 (A)	Recommended Spare Parts for 3 years after whole of the works is taken over, with a unit price or each spare part.
Schedule No. 6 (B)	Recommended Spare Parts for 10 years after whole of the works is taken over, with a unit price for each spare part with rate of escalation per year over base year, if any.
Schedule No. 6 (C)	Recommended Spare Parts for 2 years during DLP with a unit price for each spare part (for reference only), Cost to be included in Schedule No- 1
Schedule No. 7 (A)	Adjustment Price for addition of landing in the particular vertical rise of Elevator.
Schedule No. 7 (B)	Adjustment Price for providing Regenerative Braking System with VVVF Drive.
Schedule No. 7 (C)	Adjustment Price for "Through Door Arrangement" Elevators.
Schedule No. 7 (D)	Adjustment Price for "Floating – Pit /Hanging Pit" Elevators.
Schedule No. 7 (E)	Adjustment Price for in using Roller Guide Shoes in place of Sliding Guide Shoes.
Schedule No. 7 (F)	Adjustment Price for change of Car Rear Panel from Stainless Steel to Glass.
Schedule No. 7 (G)	Adjustment Price for conversion from 13 Passenger Elevator to 26 Passenger Elevator.
Schedule No. 8	Grand Summary (Sum of 1 to 5 and 7A to 7D)

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)**