



Mumbai Metropolitan Region Development Authority

CONTRACT NO: MMRDA/2B/MMRP/CA-40

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 2 NOS. 110 KV RECEIVING SUBSTATION INCLUDING 110 KV, 33kV & 25kV CABLING WORK, COMPLETE 25kV OVERHEAD CATENARY SYSTEM ALONGWITH SWITCHING STATION, 33kV AUXILIARY POWER DISTRIBUTION SYSTEM INCLUDING 33/0.415 kV AUXILIARY SUB-STATION (ASS) AND COMPLETE SCADA SYSTEM FOR MAIN LINE & DEPOT OF MUMBAI METRO LINE 2B 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: 03.11.2022

Loan/ Grant No. and Title: 18IN04

Contract No. and Title: MMRDA/7/MMRP/CA-40: DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 2 NOS. 110 KV RECEIVING SUBSTATION INCLUDING 110 KV, 33kV & 25kV CABLING WORK, COMPLETE 25kV OVERHEAD CATENARY SYSTEM ALONGWITH SWITCHING STATION, 33kV AUXILIARY POWER DISTRIBUTION SYSTEM INCLUDING 33/0.415 kV AUXILIARY SUB-STATION (ASS) AND COMPLETE SCADA SYSTEM FOR MAIN LINE & DEPOT OF MUMBAI METRO LINE 2B OF MMRDA.

Deadline for Submission of Bids:

- 1.0** The MMRDA has received financing from the New Development Bank (NDB) towards the cost of **“DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 2 NOS. 110 KV RECEIVING SUBSTATION INCLUDING 110 KV, 33kV & 25kV CABLING WORK, COMPLETE 25kV OVERHEAD CATENARY SYSTEM ALONGWITH SWITCHING STATION, 33kV AUXILIARY POWER DISTRIBUTION SYSTEM INCLUDING 33/0.415 kV AUXILIARY SUB-STATION (ASS) AND COMPLETE SCADA SYSTEM FOR MAIN LINE & DEPOT OF MUMBAI METRO LINE 2B OF MMRDA”**, and it intends to apply part of the proceeds of this financing to payments under the contract named above. Bidding is open to Bidders from eligible source countries of NDB.
- 2.0** The Mumbai Metropolitan Region Development Authority (MMRDA) (“the Employer”) invites bid from eligible Bidders for the **same work**.

Key details:

Completion period of the Work	36 Months
Estimated Cost of Works	INR 443.37 Crore (Excluding GST)
Tender Security (EMD)	INR 2.22 Crore
Tender documents on sale	From 03/11/2022 to 16/12/2022 (up to 1100 hrs.) on Government of Maharashtra’s Mahatender portal. 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 5000 + GST Non- Refundable. Tender Document and Supporting can be downloaded for reference purpose from the GoM Mahatender portal during the period mentioned in the tender notice.
Pre-bid Meeting	18/11/2022 at 1100 hrs.
Last date of Seeking Clarifications	25/11/2022 up to 1730 hrs. Queries/clarifications from bidders after due date and time shall not be acknowledged.
Last date of issuing addendum	30/11/2022
Date & time of Submission of Tender online	16/12/2022 up to 1500 hrs
Date & time of Tender Closing	From 16/12/2022 (1501 Hrs) to 16/12/2022 (up to 1800 hrs.)
Date & time of online Control Transfer of Bid (Bidders Activity)	16/12/2022 (1801 hrs.) to 17/12/2022 (1059 hrs.)
Date & time of opening of Tender online	17/12/2022 at 1100 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)26597563. Email: dirmsys@mailmmrda.maharashtra.gov.in bhushan.mendhe@mailmmrda.maharashtra.gov.in https://mmrda.maharashtra.gov.in
--	--

3.0 Open competitive bidding will be conducted in accordance with Single Stage two Envelope procedure and is open to all Bidders from eligible countries as described in the Bidding Document.

4.0 Only eligible Bidders with the following key qualifications defined in the Bidding Document may participate in this bidding:

4.1 Minimum Eligibility Criteria:

4.1.1 Work Experience:

- **General Experience:**

Experience under the Construction Contracts in the role of prime contractor, Lead partner of JV or Consortium for at least last **5 years**.

- **Specific Construction and Contract Management (Financial):**

Tenderer should have Experience of satisfactory completion of Traction Power Supply/ OHE work for Metro Rail/ Suburban Rail/ Mainline Railway / Railway Electrification works as a prime contractor (Single Entity or JV Member(x)) during last 05 years up to last day of month previous to the one in which bids are invited.

One contract of Traction Power Supply/OHE work for Metro Rail/ Suburban Rail/ Mainline Railway / Railway Electrification of **INR 397.26 Crores** or more.

OR

Two contracts of Traction Power Supply/ OHE work for Metro Rail/ Suburban Rail/ Mainline Railway / Railway Electrification of **INR 248.28 Crores each** or more.

OR

Three Contracts of Traction Power Supply/ OHE work for Metro Rail/ Suburban Rail/ Mainline Railway / Railway Electrification of **INR 198.63 Crores** each or more.

AND

- **Specific Construction and Contract Management (Technical)**

For above or other contracts (Cumulative/ Total) should have successfully completed as prime contractor (Single entity or JV member^(xi)), during last 5 years, a minimum **experience in all the following key activities:**

1. 25kV or above FOCS work (for Metro Rail/ Suburban Rail/ Mainline Railway/ Railway Electrification of minimum 75TKM including design, erection, testing and commissioning including at least 1 set of SSP
2. 11 kV and above GIS substation and associated cable network with at least 5 substations (for Metro Rail/ Suburban Rail/ Mainline Railway/ Power Project) including design, erection, testing and commissioning.
3. 66 kV and above GIS substation (for Metro Rail/ Suburban Rail/ Mainline Railway/ Power Project) including design, erection, testing and commissioning.
4. SCADA for Traction or Power Supply System (for Metro Rail System/ Suburban/ main line Railway Project / Power Project) including design, erection, testing and commissioning.

4.1.2 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 18.47 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 110.84 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 EQC.

5.0 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) 26597563,
Email: dirsys@mailmmrda.maharashtra.gov.in
bhushan.mendhe@mailmmrda.maharashtra.gov.in
<https://mmrda.maharashtra.gov.in>

6.0 Tender Document and Supporting can be downloaded for reference purpose from the GoM Mahatender Portal during the period mentioned in the tender notice. Interested Bidders have to make payment of Tender Fee using online payment gateway during bid preparation i.e., NEFT and RTGS. Receipt for e-Tender Fee to be uploaded in e-Envelope 'A'. The details of Employer's bank are as under:

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.

7.0 Tender submissions will be made online after uploading the mandatory scanned documents. Bid shall be submitted online on the GoM Mahatender portal in "three electronic envelopes (e-Envelope) system" within prescribed schedule.

a. e-Envelope "A" (Tender Fee, EMD & PoA):

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.

b. e-Envelope "B" (Technical bid):

Bidder shall upload scanned copies of Technical Documents.

c. e-Envelope "C" (Financial bid):

Bidder shall quote his offer based on his filled Price Schedules and scanned Demand Draft/ Bank Guarantee towards Additional security deposit, if offer is below the cost put to Tender in accordance with the Additional Clause 66 in SCC.

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

8.0 When comparing Bids, Domestic Preference will be applied as stipulated in the Bidding Document.¹

9.0 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, SOD, 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)

10.0 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), Cost of Tender fee and specific power of attorney supported with board resolution. 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 and the Demand Draft/ Bank Guarantee of Additional Security deposit (ASD) in Envelope "C".

Bidder shall quote his offer based on his filled Bill of Quantities (Section - 4).

SCHEDULE – A : Lumpsum Cost

SCHEDULE - B : Lumpsum Cost

SCHEDULE - C : Lumpsum Cost

SCHEDULE – D : Provisional Sum

SCHEDULE – E : Sum of Schedule A, B & C

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,
1stFloor, A-wing, Old Administrative Building,
Mumbai Metropolitan Region Development Authority (MMRDA)**

¹ Include para. 8 only if Domestic Preference has been expressly provided in the Procurement Plan and is included in the Bid Data Sheet.