



MUMBAI METRO RAIL CORPORATION LIMITED
(A JV company of Govt. of India and Govt. of Maharashtra)

5th Floor, A - Wing, Old MMRDA Building, Bandra-Kurla Complex, Bandra (E),
Mumbai- 400 051.

MMRC e-Tendering portal: www.tenderwizard.com/MMRC

Website: www.mmrc.com

E-TENDER NOTICE

Mumbai Metro Rail Corporation (MMRC) hereby invites bids through e-tendering portal from qualified and experienced contractors in form "B-1" (Percentage Rate) for "Procurement, Supply, Installation, Testing and Commissioning of various Power Supply works including associated Civil works, required for diversion of 220 kV and 33 kV Transmission Lines along with the Transmission towers belonging to M/s Reliance Infrastructure Ltd. in Aarey depot area for Mumbai Metro Line -3"

For any additional information & help for uploading & downloading the e-Tender, please contact MMRC's e-tendering service desk at the following ID:

www.tenderwizard.com/MMRC Phone No. 022-26597654/022-26597672.

Date: 14/08/2017

Place: Mumbai

**Sd/
Executive Director (Elect.)
MMRCL**



MUMBAI METRO RAIL CORPORATION LIMITED
(A JV company of Govt. of India and Govt. of Maharashtra)
5th Floor, A - Wing, Old MMRDA Building, Bandra-Kurla
Complex, Bandra (E), Mumbai- 400 051.
MMRC e-Tendering portal: www.tenderwizard.com/MMRC
Website: www.mmrc.com

DETAILED E-TENDER NOTICE (Retender)

Digitally signed & unconditional online Tenders in form “B-1” (Rate) are invited by the Executive Director (Electrical), Mumbai Metro Rail Corporation Ltd (MMRC) from contractors who have carried out work of similar type and magnitude and fulfilling conditions as under:

- 1. The Contractors shall have valid registration under appropriate class with the Government of Maharashtra or other State Government / Government of India or State / Central Government Undertaking.**
- 2. Details of Tender:**

Sr No	Name of Work	Estimated Cost (Rs. In Lakhs)	Earnest Money (Rs. In Lakhs)	Security Deposit (Rs. In Lakhs)	Time Period
1	2	3	4	5	6
1.	<i>Procurement, Supply, Installation, Testing and Commissioning of various Power Supply works including associated Civil works, required for diversion of 220 kV and 33 kV Transmission Lines along with the Transmission towers belonging to M/s Reliance Infrastructure Ltd. in Aarey depot area for Mumbai Metro Line -3”</i>	4305.47	43.05	10% of the Estimated amount put to Tender or Contract price, whichever is higher	426 Days (Including Monsoon)

3. Online E-Tender Schedule:

Sr. No.	Tender Schedule	Start Date & Time	End Date & Time
1.	Tender Authorization and Publishing	-----	14/08/2017, 1800 hrs
2.	Tender Document Download	14/08/2017, 1800 hrs	04/09/2017, 1000 hrs
3.	Pre-bid Meeting	21/08/2017, 1100 hrs	-----
4.	Tender Closing	04/09/2017, 1000 hrs	04/09/2017, 1800 hrs
5.	Opening Envelope, A – Tender Fees, EMD	05/09/2017, 1000 hrs	05/09/2017, 1800 hrs
6.	Opening Envelope B – Technical Bid	05/09/2017, 1000 hrs	05/09/2017, 1800 hrs
7.	Opening Envelope C – Financial Bid	To be notified later	To be notified later

4. Minimum Eligibility Criteria:

A. The bidders individually or as consortium/ JV should fulfil the following **Eligibility Criteria**:

(a) **For Supply, Erection, Testing & Commissioning of EHV/HV Transmission Towers, Termination Yard Equipments & associated Civil Works:**

The Bidder should have achieved the following eligibility criteria of having successfully completed **Similar works**** during the last 7 years preceding 31st July 2017,

Three Similar works** completed, costing not less than Rs. 8 Crores each.

or

Two Similar works** completed costing not less than Rs. 10 Crores each.

or

One Similar work** completed costing not less than Rs. 16 Crores.

Similar Work(s)** is defined as *“Supply, Testing and Commissioning of EHV/HV Transmission Towers of 110 kV and above voltage level and/or Procurement, Supply, Erection, Testing and commissioning of various Switchyard Equipments like CTs, LAs, CR Panels, SCADA and associated Equipments like ACDB, DCDB, Battery, Battery Chargers etc. for major Transmission utilities, PSUs or Government/Leading Private organisations*.”*

The work also involves, associated Civil Works like EHV Cable Ducts along with HDPE Pipes, Construction of Termination Yard along with Control room, Foundations of Transmission and Switch Yard Towers, Gantry Foundations etc. These Civil Works

can be carried out through an *experienced Sub-Contractor*.

**In case the work is executed for private client, copy of work order, bill of quantities, bill wise details of payments received certified by C.A., T.D.S certificates, for all payments received and copy of final/last bill paid by client shall also be submitted alongwith Completion certificate.*

(b) Supply of EHV, HV & LV Cables along with Termination / Jointing Kits and other Associated Items.

The Bidder should have achieved the following eligibility criteria of having successfully completed **Similar works**** during the last 7 years preceding 31st July, 2017:

Three Similar works** completed, not less than 3 kms each.

or

Two Similar works** completed, not less than Rs. 4 kms each.

or

One Similar work** completed, not less than 6 kms.

Similar Work(s)** defined as *supply of EHV Cables of 110kV and above voltage level. for major Transmission utilities, PSUs or Government/Private Organisations.*

**In case the work is executed for private client, copy of work order, bill of quantities, bill wise details of payments received certified by C.A., T.D.S certificates for all payments received and copy of final/last bill paid by client shall also be submitted alongwith Completion certificate.*

For the above item (b) a firm, either as an individual or Joint venture, can submit their supplier as a sub-contractor for evaluation. In this regard the sub-contractor or supplier has to meet the eligibility criteria. The **sub-contractor or bidder will be required to submit the Manufacturer's Authorization, Prequality test certificate (PQ), Type Test certificate and the Guaranteed Technical Particulars as per Appendix 20 of FOT.**

The Bid not accompanied with Pre quality test certificate (PO) will be rejected.

The bidder shall submit duly attested/notarised performance certificate issued by the utility/end users along with a copy of details work order]

(c) For Laying, Testing and Commissioning EHV, HV & LV Cables along with Making Termination / Joints.

The Bidder should have achieved the following eligibility criteria of having successfully completed **Similar works**** during the last 7 years preceding 31st July, 2017:

Three Similar works** completed of not less than 3 kM of cable length.

or

Two Similar works** completed of not less than 4 kM of cable length.

or

One Similar work** completed of not less than 6 kM of cable length.

Similar Work(s)** is defined as *Laying, Testing and Commissioning of EHV Cables of 110kV and above voltage level.*

“The above-mentioned cable laying work can be carried out through a *Specialized Sub-Contractor* who is having experience of not less than 5 Years in Cable Laying of 110 kV and above voltage level.”

The tenderer shall submit details of works executed by them in the Performa of **Appendix- 16 of FOT** for the works to be considered for qualification of work experience criteria. Documentary proof such as LOA copies and completion certificates from client clearly indicating the nature/scope of work, actual completion cost and actual date of completion for such work should be submitted. Experience certificate of any person/official below the rank of Executive engineer will not be accepted as proof for Eligibility. **The offers submitted without this documentary proof shall not be evaluated.**

Value of successfully completed portion of any on-going work up to **last date of submission** will also be considered for qualification of work experience criteria.

- For completed works, value of work done shall be updated to **01-04-2017** price level assuming 5% inflation for Indian Rupees every year and 2% for foreign currency portions per year. **The exchange rate of foreign currency shall be applicable 28 days before the submission date of tender.**
- In case of Joint Venture / Consortium, full value of the work, if done by the same joint venture shall be considered. However, if the qualifying work(s) were done by them in JV/Consortium having different constituents, then the value of work as per their percentage participation in such JV/Consortium shall be considered.
- The client’s certificate clearly indicating the amount pertaining to each work shall be furnished by the tenderer along with their submission.

B. Financial Standing: The tenderers will be qualified only if they have minimum financial capabilities as below:

T1 - Annual Turnover: The bidder should have average Annual Financial Turnover during the last 5 years ending 31st March, 2016 of not less than **INR 29.00 Crores.** (The average annual turnover of JV will be based on percentage participation of each member.)

T2- Liquidity: It is necessary that the firm can withstand cash flow of **INR. 6 Crores** that the contract will require until payments received from the Employer. Liquidity therefore becomes an important consideration.

This shall be seen from the balance sheets and/or from the banking reference. Net current assets and/or documents including banking reference, should show that the applicant has access to or has available liquid assets, lines of credit and other financial means to meet cash flow of **INR 6 Crores** for this contract, net of applicant’s commitments for other Contracts. Banking reference (as per **Annexure-8 of ITT**) should contain in clear terms the amount that bank will be in a position to lend for this work to the applicant/member of the Joint Venture/Consortium. In case the Net Current Assets (as seen from the Balance Sheets) are negative, only the Banking references will be considered. Otherwise the aggregate of the Net Current Assets and submitted Banking references will be considered for working out the Liquidity.

The banking reference should be from a Scheduled Bank in India or (in case of foreign parties) from an international bank of repute (acceptable to MMRC) and it should not be more than 03 months old as on date of submission of bids.

In Case of JV- Requirement of liquidity is to be distributed between members as per their percentage participation and every member should satisfy the minimum requirement.

Example: Let member-1 has percentage participation=M and member-2 has percentage participation=N. If minimum liquidity required is 'W', then liquidity of

$$\text{Member-1} \geq \frac{W \cdot M}{100} \text{ and liquidity of member-2} \geq \frac{W \cdot N}{100}$$

T3 - Profitability: Profit before Tax should be Positive in at least 2 (two) years, out of the last Five audited financial years.

In Case of JV: - The profitability of only lead member shall be evaluated.

T4 - Net Worth: Net Worth of tenderer during last audited financial year should be INR 11.00 Crores.

In Case of JV- Net worth will be based on the percentage participation of each Member.

Example: Let Member-1 has percentage participation = M and Member-2 has = N. Let the Net worth of Member-1 is A and that of Member-2 is B, then the Net worth of JV will be

$$\frac{=AM+BN}{100}$$

C. Bid Capacity Criteria:

Bid Capacity: The tenderers will be qualified only if their available bid capacity is more than the approximate cost of work as per NIT. Available bid capacity will be calculated based on the following formula:

$$\text{Available Bid Capacity} = 2 \cdot A \cdot N - B$$

Where,

A = Maximum of the value of construction works executed in any one year during the last five financial years (updated to **01-04-2017** price level assuming 5% inflation for Indian Rupees every year and 2% for foreign currency portions per year).

N = No. of years prescribed for completion of the work

B = Value of existing commitments (**as on first day of the month of submission of the tender,**) for on-going construction works during period of **426 Days w.e.f. first day of the month of submission of the tender.**

-
5. Certificate of satisfactory completion of similar works issued by competent officer not below the rank of Executive Engineer or equivalent as well as works being performed shall be uploaded online.
 6. Bidders should have valid class 3 Digital Signature Certificate (DSC) having both Signing and Encryption Certificate obtained from any Certifying Authorities empanelled by Controller of Certifying Authorities India. In case of requirement of DSC, Bidders should go to the same e-tender www.tenderwizard.com/MMRC portal right hand side and follow the procedure mentioned in the document Procedure for Digital Certificate or may contact Tender Wizard helpdesk contact numbers given above.
 7. Tenderer who are participating in e-tendering for the first time shall have to obtain a User ID & password from the above-mentioned portal after filling the registration form on the home page.
 8. Validity period of the offer of the tenderer will be 180 days from the date of submission of the financial bid of the e-Tender.
 9. The lowest tenderer will have to submit the rate analysis of all major items if called for.
 10. Bidder should upload scanned attested photocopies of all documents on above mentioned official e-Tendering portal & produce in original on request by MMRC at any stage from e-Tender opening.
 11. Earnest money deposit for this work will be Rs. 43, 05,000/- only. The Tenderer shall submit with his Tender a Tender Security for the sum mentioned in NIT in the following forms:
 - (i) an irrevocable Bank Guarantee issued by scheduled by a Commercial Bank (including Scheduled Commercial Foreign Banks) in India in the form given in Annexure 6 of the Instruction to Tenderers payable at Mumbai.
 - (ii) A Demand Draft / Pay Order / Banker's Cheque in favour of "Mumbai Metro Rail Corporation Limited" India Payable at Mumbai from a scheduled by a Commercial Bank (including Scheduled Commercial Foreign Banks) in India.
 - (iii) E-transfer through RTGS/NEFT/Net Banking/Credit Card/Debit Card

(In case of joint venture/consortia, Bank Guarantee for Tender Security shall be in the name of joint venture/consortia and not in name of individual members.) The Tender Security shall remain valid for a period of 56 days beyond the validity period for the tender.

The tenderer shall upload the scanned copy of the Bank Guarantee as part of Envelope A on the online MMRC e-tendering portal only. The bidder shall submit the original Bank Guarantee, before the deadline of submission of bid at the office of the Executive Director (Electrical), MMRDA Building, 5th Floor, A-Block, Bandra Kurla Complex, Bandra –East, Mumbai-400051, India.

-
12. Tender Document can be downloaded for reference purpose from the e-Tendering Portal of MMRC during the period mentioned in the tender notice. Interested Bidders have to make online payment of Rs. 25,000/- (Rupees Twenty-Five Thousand only) inclusive of MVAT (non-refundable) as Tender Processing Fee using online payment gateway during bid preparation using i.e. Debit Card/Credit Card/Net-Banking. Tender Fee receipt can be system generated during bid preparation by the Bidder.
 13. Awarded tenderer shall have to submit signed copy of tender manually to the department.
 14. 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.
 15. If there is any amendment in the tender the same shall be published on following MMRC's official e-Tender portals / website:
MMRC e-Tendering Portal: www.tenderwizard.com/MMRC
MMRC Website: www.mmrc.com
 16. Joint Ventures with more than 3 members shall not be allowed.
 17. Right to reject any or all offers without assigning any reason thereof is reserved by MMRC.
 18. This Notice Inviting Tender is subject to "Public Procurement (Preference to Make in India) 2017, Notification No. P-45021/2/2017-B.E.-II Government of India, Ministry of Commerce and Industry, Department of Industrial Policy and Promotion dated 15th June 2017.

Date. 14/08/2017
Place: Mumbai
No. MMRC/MM3/REL-PYL/NIT/18R

Sd/-
Executive Director (Electrical),
MMRC