



**KMRC**

**KOLKATA METRO RAIL CORPORATION LIMITED  
EAST WEST METRO PROJECT**

**CONTRACT – UG-E&M**

**DETAILED DESIGN VERIFICATION, DETAILED ENGINEERING,  
MANUFACTURE, SUPPLY, DELIVERY AND STORAGE AT SITE,  
LAYING, INSTALLATION, TESTING AND COMMISSIONING  
(INCLUDING INTEGRATED TESTING & COMMISSIONING),  
TRAINING OF PERSONNEL, DEMONSTRATION OF PERFORMANCE  
OF SYSTEM / EQUIPMENT OF ELECTRICAL AND MECHANICAL  
(E&M) INCLUSIVE OF FIRE PROTECTION SYSTEM OF KOLKATA  
METRO EAST-WEST LINE PROJECT (PHASE-2)**

**VOLUME 1**

**NOTICE OF INVITATION TO TENDER**

**KOLKATA METRO RAIL CORPORATION LIMITED  
KMRCL BHAWAN (2ND & 3RD FLOOR), HRBC COMPLEX,  
MUNSHI PREMCHAND SARANI,  
KOLKATA 700 021  
INDIA**

Contract-UG/E&M - Detailed Design Verification, Detailed Engineering, Manufacture, Supply, Delivery and Storage at Site, Laying, Installation, Testing and Commissioning (including integrated Testing and Commissioning), Training of Personnel, Demonstration of Performance of System/ Equipment of Electrical & Mechanical (E&M) inclusive of Fire Protection System of Kolkata Metro East-West Line (Phase -2)

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## Kolkata Metro Rail Corporation Limited

Our Ref:

Date:

TO

FROM

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\_\_\_\_\_  
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Managing Director  
Kolkata Metro Rail Corporation Limited  
KMRCL BHAWAN (2<sup>nd</sup> & 3<sup>rd</sup> floor)  
HRBC Complex, Munshi Premchand Sarani  
Kolkata-700 021, India  
Phone: 033-66071115

Web: [www.kmrc.in](http://www.kmrc.in)

### CONTRACT UG-E&M

**DETAILED DESIGN VERIFICATION, DETAILED ENGINEERING, MANUFACTURE, SUPPLY, DELIVERY AND STORAGE AT SITE, LAYING, INSTALLATION, TESTING AND COMMISSIONING (INCLUDING INTEGRATED TESTING AND COMMISSIONING), TRAINING OF PERSONNEL, DEMONSTRATION OF PERFORMANCE OF SYSTEM/ EQUIPMENT OF ELECTRICAL & MECHANICAL (E&M) INCLUSIVE OF FIRE PROTECTION SYSTEM OF KOLKATA METRO EAST-WEST LINE (PHASE -2)**

### NOTICE OF INVITATION TO TENDER

1. Kolkata Metro Rail Corporation Limited (KMRCL) are calling e-tender for Detailed design verification, Detailed Engineering, Manufacture, Supply, Delivery and Storage at Site, Laying, Installation, Testing and Commissioning (including integrated Testing and Commissioning), Training of Personnel, Demonstration of Performance of System/ Equipment of Electrical & Mechanical (E&M) inclusive of Fire Protection System as detailed under the scope of work of this tender document for Underground stations of Kolkata Metro East-West Rail Project. Joint Venture, Consortium and Sole Bidder (Indian and International companies) complying with the requirements of the Document can apply. The KOLKATA Metro Rail Corporation Limited's (KMRCL) East-West Line system is on 750 volts DC third rail over a length of 16.6 Km (Approx.). It is partly Elevated (5.8 K.M) and partly Underground (10.8 K.M.) construction. General Consultants (GC) are appointed by KMRCL who will work as Engineers for this project and assist KMRCL in evaluating the tenders.

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2. Indian and International companies, either by themselves or as a joint venture or consortium interested in appointment through International Competitive Bidding (ICB) as a contractor of Tender UG-E&M may submit a Tender for this contract. Applicants are required to have a good financial standing and performance record, requisite experience and capacity in the fields described above.
  
3. The Kolkata Metro Rail Corporation Limited has received an ODA Loan from Japan International Cooperation Agency, hereinafter referred to as JICA. KMRCL has received an amount of 29,839 Million YEN against Loan Agreement ID192 dated 10<sup>th</sup> March 2008 and against ID P207 dated 31<sup>st</sup> March 2010 towards the part cost of East West Metro Corridor, Kolkata and intends to apply a portion of the proceeds of the Loan to payments under this contract for which this invitation for Tender is issued. Disbursement of ODA Loan by JICA will be subject in all respects to the Terms and Conditions of the Loan Agreement, including the disbursement procedures and the "Guidelines for Procurement under JICA ODA Loan." No party other than KMRCL shall derive any rights from the Loan Agreement or have any right to the Loan proceeds. The above Loan Agreement will cover only a part of the project cost. As for the remaining portion, KMRCL will take appropriate measures for finance.  
 However this tender Invitation for Tender issued, is outside the purview of disbursement of the ODA Loan by JICA.
  
4. **KMRCL has implemented e-tendering system through M/s ITI Ltd. (Govt. of India undertaking) as service provider for which certain charges are payable which are as follows in key details mentioned in para-5.**
  
5. Key Details:-

<b>Tender Security Amount</b>	INR 352 Lakhs (Three Hundred and Fifty Two Lakhs)
<b>Sale of Tender Document</b>	13 <sup>th</sup> Feb 2019 until before tender submission.  <i>(Tender Document can be downloaded from KMRCL web-site (e-tender portal). The cost of tender document shall be submitted along with the Tender. Tender downloaded and submitted without tender cost will be summarily rejected)</i>
<b>Completion Period of the Contract</b> (Subject to the achievement of Key Dates)	160 weeks plus 2 years DLP
<b>Pre-Bid Meeting</b>	05 <sup>th</sup> March 2019 at 14:30 hrs
<b>Pre-Bid Meeting Location</b>	KMRCL Conference Room, of address, Kolkata Metro Rail Corporation Limited, 2nd & 3rd floor, KMRCL BHAWAN , HRBC Complex, Munshi Prem Chand Sarani, Kolkata-700 021, Kolkata (Or location otherwise advised).
<b>Last Date of Seeking Clarification</b>	27 <sup>th</sup> February 2019

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<b>Replies to Queries from Bidders</b>	12 <sup>th</sup> March 2019
<b>Date &amp; Time of Submission of Tender</b>	14.30 Hours on 18 <sup>th</sup> March 2019
<b>Date &amp; Time of Opening of Tender</b>	15.00 Hours on 18 <sup>th</sup> March 2019
<b>Validity of Tender</b>	120 days from the latest Date of Submission of Tender
<b>Authority and Place for Seeking Clarifications and Submission of Completed Tender Documents</b>	Managing Director, Kolkata Metro Rail Corporation Limited, KMRCL Bhawan (2 <sup>nd</sup> & 3 <sup>rd</sup> floor), HRBC Complex, Munshi Premchand Sarani, Kolkata-700 021, India.

6. The Tender Documents comprise 6 (Six) Volumes in respect of Contractual, Technical, Financial matters and related information, as follows:

**Volume 1**

- **Notice of Invitation to Tenderer**
- **Instructions to the Tenderer (including Annexures)**
- **Form of Tender (including Appendices)**

**Volume 2**

- Eligibility Criteria
- General Conditions of Contract
- Special Conditions of Contract (including Schedules),

**Volume 3**

- Employer's Requirements Technical Specifications (Part 1)
- General Specification (Part-2)

**Volume 4**

- KMRCL Conditions of Contract on Safety, Health and Environment (CD)
- Safety, Health and Environment Manual (CD)

**Volume 5**

- Tender Drawings (in CD ROM)

**Volume 6**

- Bills of Quantities
- Payment Schedule

7. The tender documents are available on payment of a non-refundable fee of **Rs. 40,000 or US\$ 800** in the form of a cross Demand Draft issued from an Indian Schedule Bank (excluding Co-operative Banks) or from a Schedule Foreign Bank as defined in Section 2(e)

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of RBI Act 1934 read with Second Schedule drawn in favour of "Kolkata Metro Rail Corporation Limited" Payable at Kolkata, from:

Managing Director,  
Kolkata Metro Rail Corporation Limited,  
KMRCL Bhawan (2nd & 3rd floor), HRBC Complex,  
Munshi Premchand Sarani,  
Kolkata-700 021, India.

**In case, the Tender Document is downloaded from KMRCL e-tendering portal (available till date mentioned), the cost of tender document shall be submitted along with the submission of the Tender. Tender downloaded and submitted without tender cost will be summarily rejected.**

8. The tender shall be submitted at the time, date and at the address given above.
9. Please note carefully the requirements for submitting Tenders and the date and time for submittal. Late or delayed Tenders will not be considered for evaluation and shall either not be received or returned unopened.
10. One set of tender document (hard copy) and online (soft copy) will be issued. **The tenderers have to submit the tender document along with tender submittals, un-tampered, duly signed and stamped on each page.**
11. Tender shall be valid for a period as specified in ITT Clause C17 and shall be accompanied by a bank guarantee for an amount as specified in Appendix-1 of Form of Tender, Conditions of Contract.
12. The tender from JV/Consortium shall be signed so as to legally bind all partners jointly and severally and Tender shall be submitted with a copy of Joint Venture / Consortium / agreement as in application forms (A) and (B) providing the joint and several liabilities with respect to the Contract (corresponding to Schedule X and Schedule Y).

The Managing Director,  
Kolkata Metro Rail Corporation Limited  
KMRCL BHAWAN (2nd and 3rd floor)  
Munshi Premchand Sarani,  
Kolkata 700021  
India