



**DELHI METRO RAIL CORPORATION LTD.**  
(A Joint Venture of Govt. of India & Govt. of NCT, Delhi)

**"SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ENERGY METERS  
IN VARIOUS ELECTRICAL SYSTEMS AT STATIONS & DEPOT OF LINE-6  
(CENTRAL SECRETARIATE TO BADARPUR & SARITA VIHAR DEPOT) OF DMRC"**

## **VOLUME-I**

- \* **NOTICE INVITING TENDER**
- \* **SCOPE OF WORK**
- \* **TENDER PRICES AND SCHEDULE OF PAYMENT**

*Tender No. E/EM/L6-001/2015*

*DELHI METRO RAIL CORPORATION LTD.*  
**METRO BHAWAN, Fire Brigade Lane, Barakhamba Road**  
**New Delhi-110001**

**SECTION 1****NOTICE INVITING TENDER****1.1 GENERAL**

Delhi Metro Rail Corporation (DMRC) Ltd. invites **e-open tenders in TWO STAGE SYSTEM (Technical Bid and Financial Bid)** from the eligible tenderes as per tender clause 1.2. Of NIT for **“SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ENERGY METERS IN VARIOUS ELECTRICAL SYSTEMS AT STATIONS & DEPOT OF LINE-6 (CENTRAL SECRETARIATE TO BADARPUR & SARITA VIHAR DEPOT) OF DMRC”**.

1.1.1 Delhi Metro Rail Corporation (DMRC) Ltd. invites e-open tenders from eligible tenderers for the above-mentioned work as per following details:

Estimated cost of work	Rs. 31,46,087/-(inclusive of all taxes)
Tender Security amount	Rs.62,922/- (in form of draft or bankers cheque in the favor of DMRC Ltd.)
Cost of Tender form (Non Refundable)	Rs. 5250/- (Rs.5000 plus 5% VAT)
Contract period of the Work	Three Months (from date of issue of letter of acceptance)
Tender documents on sale	From 10.11.2015 to 30.11.2015 (upto 1400 hrs) through e-tendering website <a href="http://www.tenderwizard.com/DMRC">www.tenderwizard.com/DMRC</a>  Tender document can only be obtained after registration of tenderer on the website <a href="http://www.tenderwizard.com/DMRC">www.tenderwizard.com/DMRC</a> . For further information on this regard bidders are advised to contact 9650520101
Last date of Seeking Clarification	26.11.2015 (up to 1500 hrs)
Last date of issuing addendum	26.11.2015
Date & time of Submission of Tender	01.12.2015 up to 1400 hrs
Date & time of opening of Technical Bid	01.12.2015 at 15.30 hrs
Date & time of opening of Financial Bid	Same will be intimated on <a href="http://www.tenderwizard.com/DMRC">www.tenderwizard.com/DMRC</a> after technical evaluation
Authority for purchase of tender documents, seeking clarifications and submission of completed tender documents	Dy. General Manager/Electrical/L-6 Delhi Metro Rail Corporation, 6th floor, C-Wing, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi –110 001
<p>The tender cost and tender security will be in the form of a Demand draft/ Banker's cheque drawn on a scheduled Commercial Bank based in India and should be in favour of "Delhi Metro Rail Corporation Ltd." payable at New Delhi.</p> <p>The same should be submitted in original before Two hours of opening date &amp; time of technical bid in the office of DGM/Electrical/L-6 at the above mentioned address.</p> <p>NOTE: The bidders who fail to submit the tender cost &amp; tender security (in original), etc. within stipulated scheduled time deemed to be rejected.</p>	

1.1 **MINIMUM ELIGIBLE CRITERIA :**

1.1.1 Work Experiences –

Experienced Firm/Contractor who have completed:

- (a) One single work of similar nature of at least 80% value of estimated cost of contract.

OR

- (b) Two similar works, each of at least 50% of estimated cost of contract.

OR

- (c) Three similar works, each of at least 40% of estimated cost of contract. in Govt. / Semi Govt. / PSU during last 5 years ending July 2015 are eligible to participate.

NOTE:

- (i) Similar Nature of work: Any work involving supply and installation of any electrical equipment/panels or any other electrical installation.
- (ii) Successful completed portion of ongoing works shall not be considered for qualifying these criteria.
- (iii) Following documents shall be considered for evaluating the criteria of work experience:
- a. Self attested copies of work order, BOQ along with completion certificate (indicating the name of work, final amount, quantity of work, completion date etc.) issued by the client preferably on their letter head for completed work.
  - b. Self attested copies of work order, BOQ and latest certificate issued by along with completion certificate issued by the client preferably on their letter head for quantum of work executed for work under progress.
  - c. Performance certificate for issuing of similar product from client for at least two year.

1.1.2 Financial Standing (Annual turnover) –

- a) Contractor's average Annual Turnover of last three audited financial years should be equal to or more than 80% of estimated cost of work.
- b) Applicant must not have been blacklisted or deregistered by any Govt. / Semi Govt. / PSU undertaking during last five years. It should be on non-judicial stamp paper of Rs. 10/- duly attested by Notary.
- c) Undertaking on Non-Judicial stamp paper of Rs.10 attested by Public Notary certifying that for applicant not involved in any litigation/arbitration or no case pending in any court against them during the last 05 years.
- d) Net worth of applicants should be positive. Tenderer shall submit last three years audited financial statement (balance sheet) duly attested by certified CA to work out net worth.

1.1.3 The following documents are to be submitted along with the tender:-

- i) Pan No. as per Income Tax Act.
- ii) Sales tax registration certificate.
- iii) VAT registration certificate.
- iv) Service tax registration certificate.

- v) PF registration certificate/ Exemption certificate.
- vi) ESI registration certificate/ Exemption certificate.
- vii) Organization chart with address, telephone/mobile no. and E-Mail.
- viii) Availability of adequate number of qualified and technically competent personnel with relevant experience. The tenderer shall be submitted self-attested copies of bio-data and relevant qualification documents of employee.
- ix) Cost of tender documents in form of Demand Draft.
- x) E-Payment duly filled by contractor. Bank details except Bank key is required to be verified by the Bank on its letter head duly signed and stamped. Bank certificate is to be enclosed along with the tender.
- xi) List of work executed with completion issued by the concerned department. The contractor shall submit certificate from client for satisfactory completion of works indicating the contract value, nature of work, duration and the name of the organization for whom the work was executed.
- xii) Power of Attorney.  
Documentary proof of satisfying eligibility conditions and audited financial data to be furnished along with the application on printed letter heads. Testimonials of satisfactory completion should be obtained from an officer not below the rank of executive engineer.

1.1.4 The tender submission of bidders, who do not qualify the minimum eligibility criteria, shall not be considered for further evaluation and considered rejected. The mere fact that the bidder is qualified as mentioned in sub clause of clause 1.1 shall not imply that his bid shall automatically be accepted. The same shall be subject to the data as required for consideration of tender prescribed in the ITT.

The mere fact that the tenderer is Pre-qualified as shall not imply that his bid shall automatically be accepted. The same should contain all Financial & other details as required for the consideration of tender.

1.1.5 Tender document consists of the following documents:

**VOLUME-I**

- a. Notice Inviting Tender
- b. Scope of Work
- c. Tender Prices and Schedule of Payment

**VOLUME-II**

- a. Instructions to Tenderers
- b. Other terms and Conditions
- c. Special Conditions of Contract
- d. General Conditions of Contract
- e. Bill of Quantities.

**Please note carefully the requirements for submitting tenders and the date & time for submittal.**

1.2 The tenderers may obtain further information / clarification, if any, in respect of these tender documents from the office of **Deputy General Manager/Electrical/L-6, 6<sup>th</sup> Floor C Wing Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001**

1.3 The intending bidders must be registered on e-tendering portal [www.tenderwizard.com/DMRC](http://www.tenderwizard.com/DMRC). Those who are not registered on the e-tendering portal shall be required to get registered beforehand. If needed they can be imparted training on 'online tendering process'. After registration the tenderer will get user id and

- password. On login tenderer can participate in tendering process and can witness various activities of the process.
- 1.4 The authorized signatory of intending bidder, as per Power of Attorney (POA), must have valid class-III digital signature. The tender document can only be downloaded or uploaded using Class-III digital signature of the authorized signatory.
- 1.5 Tender submissions will be made online after uploading the mandatory scanned documents towards cost of tender documents such as Demand Draft or Pay Order or Banker's Cheque from a Scheduled commercial bank based in India and towards Tender Security such as Bank Guarantee or Demand Draft or Pay Order or Banker's Cheque from a Scheduled commercial bank based in India and other documents as stated in the tender document.
- 1.6 Tenders shall be valid for a period of as per **ITT clause 12.0** from the date of submission of Tenders.
- 1.7 Tenderer is cautioned that the tender containing any material deviation from the tender document which consists of NIT, Instructions to tenderers, General conditions of contract, Special conditions of contract, Bill of quantities is liable to be summarily rejected as non-responsive.
- 1.8 DMRC reserves the right to accept or reject any or all proposals without assigning any reasons. No tenderer shall have any cause of action or claim against the DMRC for rejection of his proposal.
- 1.9 Tenderers are advised to visit the site before offering their rates.
- 1.10 Bidders shall note that the maximum file size that can be uploaded is 5 MB and in the form of pdf/jpg/jpeg format. All the uploaded files in tender submission should be named properly and arranged systematically.
- 1.11 The bidders are advised to keep in touch with e-tendering portal [www.tenderwizard.com/DMRC](http://www.tenderwizard.com/DMRC) for updates. Any corrigendum, addendum etc issued shall be part of this tender document and shall be made available on this e-tendering portal.

**(Gautam Kumar)**  
**DGM/Elect./L-6**  
**Delhi Metro Rail Corporation Ltd**  
**6th floor, C-Wing, Metro Bhawan,**  
**Fire Brigade lane,**  
**Barakhamba Road**  
**New Delhi-110001**

**SECTION 2**  
**SCOPE OF WORK**

The contractor will execute the work i.e. **“Supply, installation, testing & commissioning of energy meters in various electrical systems at stations & depot of line-6 (Central Secretariate to Badarpur & Sarita Vihar depot) of DMRC”**

**Scope of Area:** The scope of work shall include 12 stations of Line-6 i.e. from Central Secretariate to Badarpur & Sarita Vihar Depot or any other site of DMRC as per direction of engineer in-charge.

**2.1** The works shall be carried out as per the Bill Of Quantity (BOQ) including the following activities:

- i. The contractor shall carry out the complete supply, installation, testing & commissioning of energy meters as per technical specifications mentioned in Annexure-F of the tender document, BOQ attached and the direction of engineer in-charge.
- ii. The energy meter and its accessories shall be fitted after cutting the panel(if required) and fixing the connection to the respective equipment, as per direction of engineer in-charge. If any minor modifications are required to be done in the electrical panels the same shall be done by the contractor without including any extra cost.
- iii. Contractors shall complete the control wiring fixing the CTs of adequate range, MCB & other accessories as mentioned in the BOQ.
- iv. Contractor shall interface the control wiring of electrical panel & respective equipment through energy meter.
- v. Contractors shall complete the dressing work wiring using lugs/thimble etc complete as required.
- vi. After completion of control wiring & installation of energy meter, the contractor shall set all the desired parameters as per DMRC requirement.
- vii. Contractors shall do the necessary testing to certify the correct output of energy meter for respective parameter.
- viii. Contractor shall submit the test report and the calibration report of all the energy meters installed.

**2.2 Manpower deployment**

- i. The contractor shall deploy the manpower in consultation with engineer in-charge and carry out the activities in responsible manner.
- ii. The manpower can also be deployed during off days/holidays/night hours as per site requirements for which nothing shall be paid extra.

**2.3** All the work associated with finishing complete in all respect shall be carried out by contractor for which nothing shall be paid extra.

**2.4** DMRC is an ISO-14001 & OHSAS 18001 Certified Organization for Environment, healthy & safety. The work is to be carried out as per International Norms/Standards and in such a manner that all premises always look Neat & Clean. Similarly, the waste disposal is also carried out in totally sealed manner without affecting the Environment.

**SECTION 3**  
**TENDER PRICES AND**  
**SCHEDULE OF PAYMENT**

**3.1.1 Tender Prices**

- a. Unless explicitly stated otherwise in the Tender Documents, the contractor shall be responsible for the whole works, based on the Bill of Quantities and payment shall be as per accepted rates based on the activities carried out as in the Schedule of work.
- b. The rate quoted by the tenderer shall be inclusive of all duties, taxes, fees, octroi and other levies, materials, labor etc. service tax shall be shown separately in BOQ by the contractor.
- c. All duties, taxes, fees, octroi and other levies etc shall be applicable as per Indian government statutory norms.

**3.1.2 Schedule of Payment**

The payment shall be made as under:-

- (a) Maximum of two part payments and one final payment during the contract period shall be done.
- (b) Payment shall only be made on monthly basis only after successful completion of proportionate amount of work during the period and submission of service reports.
- (c) No advance payment shall be made.
- (d) The payment shall be made subjected to submission of jointly signed report of DMRC Engineer in charge & your representative.
- (e) Payment shall be subjected to deduction of all T.D.S as per applicable law.