



## **DELHI METRO RAIL CORPORATION LTD.**

*(A Joint Venture of Govt. of India & Govt. of NCT, Delhi)*

**“Fixing of PVC Net, Self Fusing High Voltage Insulation Tape & Catenary Sleeve (MVLC) on Main line in Delhi Metro Rail Corporation Ltd.”**

### **VOLUME-I**

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

**No. DMRC/O&M/TR/MKC/PVC NET/ETR0012015**

**SECTION 1****NOTICE INVITING TENDER (e-TENDER)****1.1 GENERAL**

Delhi Metro Rail Corporation (DMRC) Ltd. Invites sealed open e-Tenders (two bids) from eligible applicants, who fulfill the qualification criteria as stipulated in clause no. 1.2 of NIT, for the work, **"Fixing of PVC Net, Self Fusing High Voltage Insulation Tape & Catenary Sleeve (MVLC) on Mainline in Delhi Metro Rail Corporation Ltd."**

1.1.1 The details of the Tender are as per following:

Approximate cost of work	:	<b>` 21,43,379/- (inclusive of all taxes)</b>
Tender Security amount	:	` 42,868.00
Cost of Tender (Non-Refundable)	:	` 5,250.00 (` 5,000/- plus 5% VAT)
Completion period of the Work	:	6 months (from 10 <sup>th</sup> day of issue of letter of acceptance)
Tender documents on sale	:	From 30.03.2015 to 28.04.2015 (up to 11:00 hrs) on 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 011-49424307, 011-49424365 or 011-23417910
Pre-bid Meeting	:	N/A
Last date of Seeking Clarification	:	21.04.2015 up to 15:00 hrs.
Last date of Issuing Addendum / Corrigendum	:	24.04.2015 up to 15:00 hrs.
Last Date & time of Submission of Tender Online	:	28.04.2015 up to 15:00 hrs.
Date & time of opening of Technical Bid Online	:	28.04.2015 at 15:30 hrs.
Date & time of opening of Financial Bid Online	:	Shall be informed after evaluation of technical bid through website <a href="http://www.tenderwizard.com/DMRC">www.tenderwizard.com/DMRC</a>
Authority and place for submission of tender cost, tender security, required documents (if any), seeking clarifications etc.	:	<b>Additional General Manager/Traction,</b> 2nd Floor, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New delhi-110001.

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.

The same should be submitted in original before two hours of opening of technical bid in the office of AGM/TR at the above mentioned address.

**NOTE:** The bidder who fails to submit the tender cost & tender security (in original) within stipulated scheduled deemed to be rejected.

## 1.2 **MINIMUM ELIGIBLE CRITERIA :**

### 1.2.1 Work Experiences -

- a) This tender is open to contractor having experience in this field for not less than 3 years.
- b) The contractor having completed one single work of similar nature of at least 80% of estimated value of contract or two similar works, each of at least 50% of estimated value of contract or three similar works, each of at least 40% of estimated value of contract in Govt. / Semi Govt. / PSU / Private Metro Railway Organization during last 5 years ending Dec-2014.

Similar Nature of Work: "**Installation/Erection/Commissioning of OHE/PSI Installations or other electrical work**".

#### NOTE:

1. Successful completed portion of ongoing works upto Dec-2014 shall also be considered for qualifying the eligible criteria.
2. 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.

### 1.2.2 Financial Standings -

- a) Contractors average Annual Turnover of last three audited financial years should be equal to or more than 80% of estimated cost of work.
- b) Self attested copies of VAT / Service Tax registration certificate, PAN No.
- c) Applicant must not have been blacklisted or deregistered by any Govt. or public sector undertaking during last five years. It should be on non-judicial stamp paper of Rs. 10/- duly attested by Notary, in the format enclosed in **Annexure -D**.
- d) Net worth of applicants should be positive. Tenderer shall submit last three years (FY: 2011-2012, 2012-2013, 2013-2014) audited financial statement duly attested by certified CA to work out net worth.

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.

- 1.2.3 The tender submission of bidders, who do not qualify the minimum eligibility criteria stipulated in the clauses 1.2 above, 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 1.2 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.

- 1.2.4 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.

1.2.5 The tenderer shall be governed by the documents listed in Para 1.2.4 above.

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

- 1.3 The tenderers may obtain further information / clarification, if any, in respect of these tender documents from the office of **Additional General Manager /Traction, 2<sup>nd</sup> Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001**
- 1.4 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.
- 1.5 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.
- 1.6 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.
- 1.7 Tenders shall be valid for a period of as per **ITT clause 12.0** from the date of submission of Tenders.
- 1.8 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.
- 1.9 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.
- 1.10 Tenderers are advised to visit the site before offering their rates.
- 1.11 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.
- 1.12 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.

**(SUBODH PANDEY)**  
AGM / Traction

**Delhi Metro Rail Corporation Ltd**  
**2<sup>nd</sup> floor, Metro Bhawan,**  
**Fire Brigade Lane,**  
**Barakhamba Road,**  
**New Delhi-110001**

## SECTION 2

### SCOPE OF WORK

The contractor will execute the work i.e. **“Fixing of PVC Net, Self Fusing High Voltage Insulation Tape & Catenary Sleeve (MVLC) on Main line in Delhi Metro Rail Corporation Ltd.”**

#### 2.1 Brief Scope

The contractor will execute the work i.e. **“Fixing of PVC Net, Self Fusing High Voltage Insulation Tape & Catenary Sleeve (MVLC) on Main line in Delhi Metro Rail Corporation Ltd.”**

The work may be required to be carried out during power block in non-revenue hours.

##### 2.1.1 The scope of work includes the following:

1. Work involves Fixing of PVC net inside of B series mast & same is to be secured at equal distance of 30cm from top of the mast up to bottom fittings in all lines.
2. Work involves Fixing of PVC net inside complete Portal boom & up to bottom fittings of cantilever on both uprights. Same is to be secured at equal distance of 30cm in all lines.
3. Providing Medium Voltage Line Cover (Make-Raychem) on catenary wire 1.5 meter either side under portal & securing of the same at 03 places so that it should not slide on its own.
4. Providing of self fusing HV insulation tape as per recommendation of the manufacturer on locations where less clearances or as recommended by DMRC.
5. The contractor has to fix PVC Net, Self Fusing high voltage tape & Catenary sleeve (MVLC) on main line by using his own manpower, tools & equipments. No T&P, Catenary Maintenance vehicle (CMV) or any other vehicle shall be provided by DMRC. The work is to be executed with the help of ladder etc at site.
6. Contractor shall deploy multiple teams per line (but not less than two teams per line) on each day for which power block shall be arranged by DMRC.
7. PVC nets, binding wires, Self fusing high voltage tapes & Catenary sleeves (MVLC) with tie shall be provided by DMRC to the contractor on advance request by the contractor.
8. The work is to be carried out in night during non-revenue hours under supervision of DMRC Engineer who shall also arrange PTW and power block.
9. The time for actual work may be less than the power block/permit to work duration. This is due to the fact that work site may be away from the location from where PTW is issued. No compensation/extra payment shall be made in this account.
10. Since the work is to be performed on line which is used for passengers services, it will be responsibility of contractor to ensure that OHE is made fit and operational at least 30 minutes before scheduled time of cancellation of PTW & power block. Any delay in train services due to contractor's negligence shall lead to penalty to contractor. Penalty in such cases shall be assessed separately but will be limited to 10% of contract value.
11. There may be cases when the scheduled permit to work may be cancelled even after contractor manpower reaches the site of work & no work may be performed in that night. No compensation shall be paid for such cases.

12. Arrangement of light at site of work complete with fixture etc. if required for illumination at site of work during non-revenue hrs. at night shall be arranged by the contractor. No extra payment shall be made in this account.
13. The contractor team shall be equipped with necessary communication facility at site of work. There should be at least one supervisor who will control his man-power & obtain necessary instruction from DMRC's representative/supervisor at site of work.
14. DMRC's engineer in-charge / representative shall verify the installation during & after completion of work each day and prepared report in triplicate. A copy of report shall be handed over to contractor which will be produced along with the bill.
15. Contractor's staff shall obey all the safety rules applicable for such works in DMRC. They shall also fill an indemnity bond before entering into the track.
16. Contractor is advised to familiarize himself with the site & nature of work involved before quoting of rates.
17. Any damage/breakage to the DMRC property during the execution of work will be at the risk & cost of the contractor.
18. Tentative bifurcation of work "Fixing of PVC Net, Self Fusing High Voltage Insulation Tape & Catenary Sleeve (MVLC) on Main line in Delhi Metro Rail Corporation Ltd." in different line is given below as under:

S. No.	Description of Job	Quantity							
		L-1	L-2	L-2 Ext	L-3	L-4	L-5	L-6	Total
1	Fixing of PVC net in B Series Mast in all lines	0	57	138	75	228	184	54	736
2	Fixing of PVC net in Portal boom in all lines	95	1	35	38	48	24	11	252
3	Fixing of Catenary sleeve under portal	0	6	110	0	139	0	0	255
4	Fixing of self fusing HV tape on OHE loc.	0	0	0	9	19	0	0	28

- 2.1.2 DMRC is an ISO-14001 & OHSAS 18001 certified Organization for Environment, Health & 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 Tender Prices**

- 3.1.1 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, labour to & fro transportation of material and labour charges etc. Service Tax, however shall be shown separately in the BOQ.

#### **3.1.2 Schedule of Payment**

- A) Payment shall be made through running bills and final bill as per progress of work. Minimum work for R/A bills shall be 30% of completion of work.
- B) The payment shall be made subjected to submission of jointly signed report of DMRC Engineer in charge & your representative.
- C) Payment shall be subjected to deduction of all T.D.S as per applicable law.
- D) Joint report with concerned officer / staff shall be made in triplicate duly signed by field staff and concerned officer. Bill along with copy of joint report shall be submitted to MGR/TR-3&4 for verification and processing the bill for payment.