



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

“Comprehensive Annual Maintenance Contract for Drinking Water Fountains Installed at NDRU, SJSU, DKV, DACY & APOT Stations of DMRC Airport Line.”

TENDER DOCUMENT

VOLUME-I

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

No. - DMRC/E&M/Airport Line/Drinking Water Fountain Repair

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

Delhi Metro Rail Corporation (DMRC) Ltd. invites e-Tenders from eligible firms, who fulfill the qualification criteria as stipulated in clause no. 1.2 of NIT, for the work, **“Comprehensive Annual Maintenance Contract for Drinking Water Fountains Installed at NDRU, SJSU, DKV, DACY & APOT Stations of DMRC Airport Line.”**

1.1.1 The details of the Tender are as per following:

Approximate cost of work	:	Rs. 3,33,550/- (inclusive of all taxes)
Tender Security amount	:	Rs. 6671/-
Cost of Tender (Non- Refundable)	:	1050/- (Rs. 1000/- plus 5 % VAT)
Completion period of the Work	:	12 months (from 10th day of issue of letter of acceptance)
Tender documents on sale	:	From 10.02.16 to 24.02.16 (up to 15:00 hrs) on e-tendering website www.tenderwizard.com/DMRC. Tender documents can only be obtained after registration of firms on the website www.tenderwizard.com/DMRC. 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	:	22.02.2016 up to 15:00 hrs.
Last date of Issuing Addendum / Corrigendum	:	24.02.2016
Last Date & time of Submission of Tender Online	:	24.02.2016 up to 15:00 hrs.
Date & time of opening of Tender Online	:	24.02.2016 at 15:30 hrs.
Authority and place for submission of tender cost, tender security & required documents (if any) including clarifications etc.	:	Deputy General Manager/E&M/UG-1, 2nd Floor, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi -110001.
<p>The tender cost and tender security will be in the form of a Demand draft/ Banker's cheque issued by scheduled Commercial Bank based in India and should be in favor of “Delhi Metro Rail Corporation Ltd.” payable at New Delhi.</p> <p>The same should be submitted in original before two hours of opening of tender in the office of DGM/E&M/UG-1 at the above mentioned address.</p> <p>NOTE: The bid of The bidder, who fails to submit the tender cost & tender security (in original), shall not be opened.</p>		

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. / Autonomous bodies/ PSU / Private Metro Railway Organization during last 5 years ending Dec-2015.

Similar Nature of Work: **“Works of AMC/CAMC/Repairing of various types of Drinking Water Fountains/Water Coolers”.**

- c) All documents of Tender for meeting eligibility criteria as well as BOQ, Statement of Deviation, & other forms/formats will be uploaded by the Tenderer. BOQ shall only be opened of eligible tenderer.

NOTE:

1. Successful completed portion of ongoing works shall also be considered for qualifying the eligibility 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 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) 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) 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 of ITT.**
- d) Net worth of applicants should be positive. Tenderer shall submit last three years (FY: 2012-2013, 2013-2014, 2014-2015) audited financial statements duly attested by certified CA to work out net worth.

1.2.3 The bidders, who do not qualify the minimum eligibility criteria, shall not be considered for further evaluation and shall be 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.

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 tender 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 submission.

1.3 The tenderers may obtain further information / clarification, if any, in respect of these tender documents from the office of **Deputy General Manager /E&M/UG-1, 2nd Floor, 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. 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/Tender security, such as Demand Draft 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 Tender 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 reason thereof. 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 to familiarize themselves about the work 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 for updates. Any corrigendum, addendum etc issued shall be part of this tender document and shall be made available on this e-tendering portal.

(ARUN SHARMA)
DGM/E&M/UG-1

Delhi Metro Rail Corporation Ltd
2nd floor, Metro Bhawan,
Fire Brigade Lane,
Barakhamba Road,
New Delhi-110001

SECTION 2
SCOPE OF WORK

2.1 The work shall be carried out at following stations of Delhi Metro Rail Corporation Ltd.

- i. New Delhi (NDRU)
- ii. Shivaji Stadium (SJSU)
- iii. Dhaula Kuan (DKV)
- iv. Delhi Aerocity (DACY)
- v. IGI Airport (APOT)

2.2 Brief Scope

2.2.1 The brief specification of the Drinking Water Fountains is as mentioned below:

Item.	Make/Model	Specification
Water Fountains	Halsey Taylor / OVL-II series	
SS Tank Capacity		40 Ltrs, complies the Drinking Water IS-10500 specifications.
Refrigerant		R-134 a
Compressor		Hermetically sealed, positive start compressor.
Bubbler		Chrome plated two stream-mound-building bubbler with non removable anti-squirt feature and integral hood.
Push-bar actuation mechanism		Self closing, semi-circular push bar can be actuated at any point on its 180° radius.
Inlet Strainer		Easily cleaned in-line strainer screen traps particles of 140 microns or larger before they enter the waterway.
Panels		SS-300 series. Removable lower panel provides access to plumbing and refrigeration system.

2.2.2 The GPH capacity chart is as mentioned below:

Model No	GPH Capacity (Cooled to 50° F)			
	Ambient Air Temp			
	70° F	80° F	90° F	100° F
OVL-II™ SER-Q	9.3	8.3	7.5	6.8

2.2.3 The scope of work includes the following:

2.2.3.(A) One time repair of all 5 nos. drinking water fountains.

2.2.3.(B) Repair/Replacement of any damaged part as per site conditions including Cooling compressors, copper/aluminum condenser coils, Refrigerant charging, Fountain valves, Bubbler etc.

2.2.3.(C) Periodical checking of all the Machines as per checkpoints mentioned below:

Quarterly Checking:

- Working of Thermostat.
- Working of Compressor.
- Working of Condenser Fan.
- Checking of RO water pipes for any breakage/damage. Replacement of the same if required.
- Checking of Elbows for any breakage/damage. Replacement of the same if required.
- Checking of Chilled Water Delivery (in GPH) as per specifications laid down.
- Measurement of Inlet and Outlet TDS of Water. Any difference in the TDS value due to rusting of SS-water tanks (if any) may be examined properly and corrective measures to be taken.
- Record Odour and Colour of Inlet & Outlet water. Any elusiveness due to rusting of SS-Water Tanks (if any) may be recorded and corrective measures to be taken.
- Cleaning of Capillary and Strainer.
- Servicing / overhauling of the Water Fountains as per Manufacturer's guidelines.
- Cleaning of Water Tanks.
- Adjustment of Inlet & Outlet Water Pressure as per Machine specifications.
- Body painting to avoid body rusting / corrosion.

2.2.3.(D) The GPH (Gallon per Hour) capacity of the drinking water fountain according to the Ambient Air temperature should be maintained as per Clause No. – 2.2.2 Of NIT.

2.2.3.(E) Any other activity needs to be carried out for the proper working of drinking water fountains, including taps and its accessories.

2.2.3.(F) The checkpoints mentioned above are indicative only and may vary as per site requirements.

2.3.1 A) Defects of drinking water fountain(s) which can be attended locally:

- (i) Response Time (Max) : 06 Hours
- (ii) Rectification Time (Max) : 12 Hours

2.3.1 B) Defects when the drinking water fountain unit(s) or its part(s) need(s) to be taken to the work-shop of the firm:

- (iii) Response Time (Max) : 06 Hours
- (iv) Rectification Time (Max) : 01 Day

2.3.2 It will be responsibility of the firm to arrange all tools, tackles, consumables & spares including compressor, taps and its accessories and manpower required for one time rectification & CAMC of drinking water fountains.

2.3.3 **The spares required for rectification of drinking water fountains will not be supplied by DMRC.** The firm is required to arrange sufficient stocking of critical spares to avoid delay in fault rectification.

2.3.4 If any work such as brazing, welding etc. shall be carried out by contractor at OEM work-shop/outside Delhi, the period shall be intimated by OEM. If such works are required to carry out at site, the work should be done at night only with proper fire safety guidelines.

2.3.5 The firm shall carry out one time performance test of drinking water fountain units in winter season and submit the report.

2.3.6 Individual drinking water fountain units' health check up report shall be submitted by the firm on quarterly basis. Payment shall be made on quarterly basis after submission of quarterly health check up report duly signed by the concerned station Engineer-in-charge.

2.3.7 There should be at least one supervisor who will control his man-power & obtain necessary instruction/s from DMRC's representative/supervisor at site of work.

2.3.8 If the faulty fountain unit is required to be taken away by the contractor to his work-shop, the contractor shall dismantle the equipment in presence of DMRC Engineer In-charge or representative only.

2.3.9 DMRC's Engineer-in-charge / representative shall verify the installation during & after completion of work. The Firm will prepare a report of the work carried out in triplicate. A copy of this signed report shall be produced by the Firm along with the bill.

2.3.10 Contractor is advised to fully understand the site conditions & nature of work as explained above, before quoting of rates.

2.3.11 Any damage/breakage to the DMRC property during the execution of work will be at the risk & cost of the contractor.

2.3.12 Penalty Clauses :

- A)** A penalty will be imposed @ 500 per day per call, in case any complaint remains unattended as per clause 2.3.1 (A) & (B) of NIT. However the maximum penalty shall be limited to 10% of the total cost of the contract for poor work quality/frequent failures.
- B)** If the penalty is imposed on the contractor for more than 3 times in a contract period for different frequent failure/s , DMRC reserves the right to terminate the contract.

2.3.13 The contractor shall have to work on 24x7 basis to attend the defects/failures of fountain unit/s including on Sunday, National/Gazetted/Restricted holidays, in order to ensure smooth & reliable functioning of drinking water fountains as this is to facilitate chilled drinking water to commuters and staffs of Airport express line. The contractor has to attend/rectify the defect/failure within the time frame as mentioned in Clause No. - 2.3.1 (a) & (b) of NIT else penalty of 500 rupees per day (counted after expiry of time frame) will be levied subject to maximum 10% of contract value.

2.4 Manpower :

- 2.4.1 The firm shall deploy technician/engineers to attend the breakdown of drinking water fountains on call basis as per site requirements. The response time for attending the failures will be as per Clause Nos. - 2.3.1 (A) & (B) of NIT.
- 2.4.2 The Firm will be bound to deploy manpower also during OFF days /holidays/night hours as per criticality of the failures of drinking water fountain unit/s and site requirements for which nothing shall be paid extra.
- 2.4.3 The firm shall not claim free metro travel from one site to another during attending breakdowns and/or preventive maintenance/health checkups of drinking water fountains.
- 2.4.4 The manpower deployed by the firm shall carry proper and valid ID-card with them while carrying out Breakdown/Maintenance activity at site/s.

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.

3.1.2 Schedule of Payment

- A) Payment shall be made through running bills on quarterly basis.
- B) The payment shall be made on submission of invoice and jointly signed report of DMRC Engineer in charge & Contractor's representative.
- C) Payment shall be subjected to deduction of all T.D.S as per applicable laws.