

Contract No: CC-100: Water Supply Arrangements for under construction underground portion of Line-6-Ext (From Yamuna Bank - RSS to Jama Masjid) and construction of UG reservoir & pipe network at Yamuna Bank - RSS and related Electrical works of Delhi Metro Project of Phase-III.

## 1.0 NOTICE INVITING TENDER (NIT)

### 1.1 GENERAL (e-Tender)

#### 1.1.1 Name of Work:

Delhi Metro Rail Corporation (DMRC) Ltd. Invites online open e-tenders from eligible applicants, who fulfil qualification criteria as stipulated in Clause 1.1.3 of NIT, for the work **“Contract: CC-100: Water Supply Arrangements for under construction underground portion of Line-6-Ext (From Yamuna Bank - RSS to Jama Masjid) and construction of UG reservoir & pipe network at Yamuna Bank - RSS and related Electrical works of Delhi Metro Project of Phase-III.”**

The brief scope of the work is provided in Clause 1.1.5 of NIT, Clause A1 of ITT (Volume-1) and Employer’s Requirement (Volume-3).

#### 1.1.2 Key details :

Approximate cost of work	INR 7.94 Crores
Tender Security	INR 7.94 Lakhs Tender Security (in original) as per clause C18 of ITT shall be accepted only <b>up to 1500 hrs on 17.07.2015</b> in the office of Executive Director/Contracts at following address.
Completion period of the Work	09 (Nine) months
Tender documents on sale	From 17.06.2015 to 17.07.2015 (up to 1100 hrs) on e-tendering website <a href="http://www.tenderwizard.com/DMRC">www.tenderwizard.com/DMRC</a> . Tender document can only be obtained online after registration of tenderer on the website <a href="http://www.tenderwizard.com/DMRC">www.tenderwizard.com/DMRC</a> . For further information in this regard bidders are advised to contact on 011-49424307, 011-49424365 or 011-23417910
Cost of Tender documents	INR 21,000/- (inclusive of 5% DVAT) Non-Refundable (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) Cost of tender documents i.e, D.D. / Banker’s cheque, in original, shall be accepted only upto <b>1500 hrs on 17.07.2015</b> in the office of Executive Director/Contracts at below mentioned address.
Last date of Seeking Clarifications	30.06.2015 upto 1730 hrs. Queries/clarifications from bidders after due date and time shall not be acknowledged.
Pre-bid Meeting	25.06.2015 at 1100 hrs.
Last date of issuing addendum	06.07.2015
Date & time of Submission of Tender online	17.07.2015 upto 1500 hrs
Date & time of opening of Tender online	17.07.2015 at 1505 hrs.

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<ul style="list-style-type: none"> <li>• Authority for purchase of tender documents, seeking clarifications and submission of completed tender documents</li> <li>• Place of pre-bid meeting</li> </ul>	<p><b>Executive Director/Contracts,</b> Delhi Metro Rail Corporation, 5<sup>th</sup> floor, A-Wing, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi –110 001</p>
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### 1.1.3 QUALIFICATION CRITERIA :

#### 1.1.3.1 Eligible Applicants :

- i. The tenders for this contract will be considered only from those tenderers (proprietorship firms, partnerships firms, companies, corporations, consortia or joint ventures) who meet requisite eligibility criteria prescribed in the sub-clauses of Clause 1.1.3 of NIT. In the case of a JV or Consortium, all members of the Group shall be jointly and severally liable for the performance of whole contract.
- ii. (a) A non-Indian firm is permitted to tender only in a joint venture or consortium arrangement with any other Indian firm having minimum participation interest of 26% or their wholly owned Indian subsidiary registered in India under Companies Act-1956 with minimum 26% participation.  
(b) A tenderer shall submit only one bid in the same tendering process, either individually as a tenderer or as a partner of a JV. A tenderer who submits or participates in, more than one bid will cause all of the proposals in which the tenderer has participated to be disqualified. No tenderer can be a subcontractor while submitting a bid individually or as a partner of a JV in the same bidding process. A tenderer, if acting in the capacity of subcontractor in any bid, may participate in more than one bid, but only in that capacity.
- iii. Tenderers shall not have a conflict of interest. All Tenderers found to have a conflict of interest shall be disqualified. Tenderers shall be considered to have a conflict of interest with one or more parties in this bidding process, if:
  - (a) a tenderer has been engaged by the Employer to provide consulting services for the preparation related to procurement for on implementation of the project;
  - (b) a tenderer is any associates/affiliates (inclusive of parent firms) mentioned in subparagraph (a) above; or
  - (c) a tenderer lends, or temporarily seconds its personnel to firms or organisations which are engaged in consulting services for the preparation related to procurement for on implementation of the project, if the personnel would be involved in any capacity on the same project.
- iv. A firm, who has purchased the tender document in their name, can submit the tender either as individual firm or in joint venture/Consortium. However, the lead partner in case of JV shall be one who has experience of similar works as defined in clause 1.1.3.2 A of NIT.
- v. Any Central / State government department / public sector undertaking / other government entity or local body must not have banned business with the tenderer (any member in case of JV) as on the date of tender submission. Also no contract of the tenderer should have been rescinded / terminated by DMRC after award during last 5 years due to non-performance of the tenderer or any of JV/Consortium members. The tenderer should submit undertaking to this effect in **Appendix-19** of Form of Tender.

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- vi. Tenderer (any member in case of JV/consortium) must not have paid liquidated damages of 10% (or more) of the contract value in a contract due to delay or penalty of 10% (or more) of the contract value due to any other reason during last five years. The tenderer should submit undertaking to this effect in **Appendix-20** of Form of Tender.
- vii. Tenderer (any member in case of JV/consortium) must not have suffered bankruptcy/ insolvency during the last 5 years. The tenderer should submit undertaking to this effect in **Appendix-21** of Form of Tender.
- viii. LEAD PARTNER/ NON SUBSTANTIAL PARTNERS/ CHANGE IN JV/ CONSORTIUM
  - a. Lead partner must have a minimum of 26% participation in the JV/Consortium.
  - b. Partners having less than 26% participation will be termed as non-substantial partner and will not be considered for evaluation which means that their financial soundness and work experience shall not be considered for evaluation of JV/Consortium.
  - c. In case of JV/Consortium, change in constitution or percentage participation shall not be permitted at any stage after their submission of application otherwise the applicant shall be treated as non-responsive.
  - d. The tenderer, in case of JV/Consortium, shall clearly and unambiguously define the role and responsibilities for each substantial/non-substantial partner in the JV agreement / MOU submitted vide foot note (d) of **Appendix 6** of Form of Tender, providing clearly that any abrogation/subsequent re-assignment of any responsibility by any substantive/non-substantive partner of JV/Consortium in favour of other JV/Consortium partner or any change in constitution of partners of JV/Consortium (without written approval of Employer) from the one given in JV agreement / MOU at tender stage, will be treated, as 'breach of contract condition' and/or 'concealment of facts' (as the case may be), vide GCC clause 4.33.1 [a (ii) and (iii)] and acted accordingly.

The Employer in such cases, may in its sole discretion take action under clause 4.33.1 (b) and/or under clause 4.33.1(c) of GCC against any member(s) for failure in tenderer's obligation and declare that member(s) of JV/Consortium ineligible for award of any tender in DMRC or take action to terminate the contract in part or whole under clause 13 of GCC as the situation may demand and recover the cost/damages as provided in contract.

#### **1.1.3.2 Minimum Eligibility Criteria:**

- A. Work Experience:** The tenderers will be qualified only if they have completed work(s) during last seven years ending **30.06.2015** as given below:
  - (i) At least one work of value **INR 6.35 crores** or more of similar nature. The similar nature work means Supply and laying of pressurised pipe line works having diameter greater than or equal to 200 mm (minimum length of 1.8 km) which may includes related civil, mechanical and electrical works.

If the above work of **INR 6.35 crores** has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to **INR 3.18 crores** outside the country of the foreign partner.

**OR**

- (ii) **At least two works each of value INR 3.97 crores** or more of similar nature. The similar nature work means Supply and laying of pressurised pipe line works having diameter greater than or equal to 200 mm (minimum length of 1.8 km) which may includes related civil, mechanical and electrical works.

If above two works each of **INR 3.97 crores** have been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to **INR 3.18 crores** outside the country of the foreign partner.

**OR**

- (iii) **At least three works each of value INR 3.18 crores** or more of similar nature. The similar nature work means Supply and laying of pressurised pipe line works having diameter greater than or equal to 200 mm (minimum length of 1.8 km) which may includes related civil, mechanical and electrical works.

If above three works each of **INR 3.18 crores** have been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to **INR 3.18 crores** outside the country of the foreign partner.

**Notes :**

- The tenderer shall submit details of works executed by them in the Performa of **Appendix-17 of FOT** for the works to be considered for qualification of work experience criteria. Documentary proof such as 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. **The offers submitted without this documentary proof shall not be evaluated.** In case the work is executed for private client, copy of work order, bill of quantities, bill wise details of payment 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.
- Value of successfully completed portion of any ongoing work up to **30.06.2015** will also be considered for qualification of work experience criteria.
- For completed works, value of work done shall be updated to **30.06.2015** 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.
- If the above work(s) (i.e. Supply and laying of pressurised pipe line works having diameter greater than or equal to 200 mm (minimum length of 1.8 km) which may includes related civil, mechanical and electrical works) comprise other works, then client's certificate clearly indicating the amount of work done in respect of the similar work shall be furnished by the tenderer in support of work experience along-with their tender submissions.

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

(i) **Annual Turnover:** The average annual turnover from construction of last five financial years should be  $\geq$  **Rs. 8.47 Crores**.

The average annual turnover of JV will be based on percentage participation of each member.

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

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

**Notes:**

- Financial data for latest last five audited financial years has to be submitted by the tenderer in **Appendix-18 of FOT** along with audited balance sheets. The financial data in the prescribed format shall be certified by Chartered Accountant with his stamp and signature in original with membership number. In case audited balance sheet of the last financial year is not made available by the bidder, he has to submit an affidavit certifying that 'the balance sheet has actually not been audited so far'. In such a case the financial data of previous '4' audited financial years will be taken into consideration for evaluation. If audited balance sheet of any year other than the last year is not submitted, the tender may be considered as non-responsive.
- Where a work is undertaken by a group, only that portion of the contract which is undertaken by the concerned applicant/member should be indicated and the remaining done by the other members of the group be excluded. This is to be substantiated with documentary evidence.

**1.1.3.3 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 **30.06.2015** 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 30.06.2015**) for on-going construction works during period of **09 months w.e.f. 01.07.2015**.

Notes:

- Financial data for latest last five financial years has to be submitted by the tenderer in **Appendix-15 of FOT** along with audited financial statements. The financial data in the prescribed format shall be certified by the Chartered Accountant with his stamp and signature in original with membership number.

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- Value of existing commitments for on-going construction works during period of **09 months** w.e.f . **01.07.2015** has to be submitted by the tenderer in **Appendix-16 of FOT**. These data shall be certified by the Chartered Accountant with his stamp and signature in original with membership number.
- In the case of a group, the above formula will be applied to each member to the extent of his proposed participation in the execution of the work. If the proposed % participation is not mentioned then equal participation will be assumed.

**Example for calculation of bid capacity in case of JV / Group**

Suppose there are 'P' and 'Q' members of the JV / group with their participation in the JV / group as 70% and 30% respectively and available bid capacity of these members as per above formula individually works out 'X' and 'Y' respectively, then Bid Capacity of JV / group shall be as under:

$$\text{Bid Capacity of the JV / group} = 0.7X + 0.3Y$$

**1.1.3.4** The tender submission of tenderers, who do not qualify the minimum eligibility criteria & bid capacity criteria stipulated in the clauses 1.1.3.2 to 1.1.3.3 above, shall not be considered for further evaluation and therefore rejected. The mere fact that the tenderer is qualified as mentioned in sub clause 1.1.3.2 to 1.1.3.3 shall not imply that his bid shall automatically be accepted. The same should contain all technical data as required for consideration of tender prescribed in the ITT.

**1.1.4 The Tender documents consist of :**

**Volume 1**

- Notice Inviting Tender
- Instructions to Tenderers (including Annexures)
- Form of Tender (including Appendices)

**Volume 2**

- General Conditions of Contracts
- Special Conditions of Contract (including Schedules)
- Condition of Contract on Safety, Health & Environment (SHE) Ver. 1.2

**Volume 3**

- Employer's Requirements including appendices

**Volume 4**

- Technical Specifications for civil works &
- Technical Specifications for Electrical & Instrumentation Works

**Volume 5**

- Tender Drawings

**Volume 6**

- Bill of Quantities

**1.1.5 Scope of work**

The Scope of Work is to install the Water Supply Arrangements using PTM scheme method for **Contract No: CC-100: Water Supply Arrangements for under construction underground portion of Line-6-Ext (From Yamuna Bank-RSS to Jama Masjid) and construction of UG reservoir & pipe network at Yamuna Bank-RSS Depot and related Electrical works of Delhi Metro Project of Phase-III.**

**Contract No:- CC-100:** Water Supply Arrangements for under construction underground portion of Line-6-Ext (From Yamuna Bank - RSS to Jama Masjid) and construction of UG reservoir & pipe network at Yamuna Bank -- RSS and related Electrical works of Delhi Metro Project of Phase-III.

**The brief scope of work for the construction of this contract is as follows:-**

- Construction of 6 numbers of production wells (Bore wells) at Yamuna Bank - RSS.
- Supply, installation and commissioning of raw water main at Yamuna Bank - RSS of various lengths & diameter.
- Construction and commissioning of underground water tank & MCC Room above tank at Yamuna Bank – RSS.
- Supply, Installation and commissioning of transmission mains 200 mm diameter through operational line-6 water supply line from under construction underground station of line-6 Ext (Kashmiri Gate station to Jama Masjid station stretch) its integration through operational station approximately 9 km distance
- Supply Laying and commissioning of twin pipelines (each in up line and down Line) of different diameter from Kashmiri Gate station to Jama Masjid station (approximately 4 km distance) in under construction Line-6, in different phases on access to the work area provided by the respective civil contractors.
- Inter-connecting the twin pipelines at specified stations as per the drawings.
- Connecting the water supply transmissions mains to the raw water reservoir at each station as per drawings.
- Supplying and installation of valves and electrical equipments i.e. distribution panel switches etc. as per the specifications & drawings in Yamuna Bank - RSS Line-6.
- Supply pumps for bore well, installation of pumps in bore well.

Testing and commissioning of water supply and its distribution shall be as per specification.

- 1.1.6 The contract shall be governed by the documents listed in Para 1.1.4 above along with latest edition of CPWD Specifications, IRS Specifications & MORTH Specifications. These may be purchased from the market.
- 1.1.7 The tenderers may obtain further information/ clarification, if any, in respect of these tender documents from the office of **Executive Director/Contracts**, Delhi Metro Rail Corporation, 5<sup>th</sup> floor, A-Wing, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi –110001.
- 1.1.8 All tenderers are hereby cautioned that tenders containing any material deviation or reservations as described in Clause. **E 4.0** of “Instructions to Tenderers” and/or minor deviation without quoting the cost of withdrawal shall be considered as non-responsive and is liable to be rejected.
- 1.1.9 The intending tenderers 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.
- 1.1.10 The authorized signatory of intending tenderer, 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.

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- 1.1.11 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.
- 1.1.12 Late tenders (received after date and time of submission of bid) shall not be accepted under any circumstances.
- 1.1.13 Tenders shall be valid for a period of **180 days** (both days inclusive i.e. the date of submission of tenders and the last date of period of validity of the tender) from the date of submission of Tenders and shall be accompanied with a tender security of the requisite amount as per clause C18 of ITT.
- 1.1.14 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.

**Executive Director/Contracts  
Delhi Metro Rail Corporation Ltd.**