



DELHI METRO RAIL CORPORATION LIMITED

**Supply, Installation, Testing & Commissioning of E&M,
Fire Detection, Fire Suppression, EOT Crane, Compressor
and Split AC System, for Extension Work For Yamuna
Bank Depots of Delhi MRTS Project Phase-III**

CONTRACT NO: –CEE/PS-1/01

TENDER DOCUMENTS

VOLUME 1

**NOTICE INVITING TENDER (WITH QUALIFICATION
REQUIREMENTS)**

INSTRUCTION TO TENDERERS

FORM OF TENDER

**Office of CEE/PS-1
9/11, Mall Road Site Office, New Delhi-110054,**

NOTICE INVITING TENDER (NIT)

1.1 GENERAL

1.1.1 Name of Work:

Delhi Metro Rail Corporation (DMRC) Ltd. invites Open Tenders on local competitive bidding basis from eligible applicants, who fulfil *pre qualification criteria* as stipulated in clause 1.1.4 of NIT, for the scope

“Supply, Installation, Testing & Commissioning of E&M, Fire Detection, Fire Suppression, EOT Crane, Air Compressor, and Split AC System for Extension Work For Yamuna Bank Depot of Delhi MRTS Project Phase- III Contract CEE/PS-1/01.

The brief scope of the work and site information is provided in ITT clause A1 & Employer Requirements (Volume –3 & Vol. 4)

1.1.2 Key details :- **Approximate Cost of work = INR 2.5 Cr.**

Tender Security amount	INR 3.0 Lakh. (Tender Security shall remain valid for a period of 240 days from the date of submission (extended date if any) for the tender.
Expected Completion period of the Work	12 months
Tender documents on sale	From 24.11.2015 to 08.12.2015 (between 09:30 Hrs to 17:30 Hrs) on working days on e-tendering website www.tenderwizard.com/DMRC Tender document can only be obtained online after registration of tenderer on the website www.tenderwizard.com/DMRC . For further information in this regard bidders are advised to contact on 011-49424307, 011-49424365 or 011-23417910.
Cost of Tender documents	21,000./- (inclusive of 5% DVAT) (Demand Draft in favour of “Delhi Metro Rail Corporation Ltd”) payable at New Delhi. Cost of tender documents i.e., D.D / Bankers Cheque, in original, shall be accepted only up to 17.30 Hrs on 08.12.2015 in the office of Chief Electrical Engineer/ PS-1 at below mentioned address.
Last date of Seeking Clarification	15.12.2015
Pre-bid Meeting	22.12.2015 @ 15:00 Hrs.
Last date of issuing addendum	29.01.2016
Date & time of Submission of Tender	05.01.2016 @ 11:00 Hrs.
Date & time of opening of Tender	05.01.2016 @ 11.30 Hrs.

<p>Authority and place for purchase of tender documents, seeking clarifications and submission of completed tender documents</p>	<p>Chief Electrical Engineer/PS-1 9/11, Mall Road Site Office New Delhi –110 054 Email:-rajesh_2780@dmrc.org</p>
--	--

1.1.3 Source of Funds: The contract shall be financed through equity participation by the Government of India and Government of National Capital Territory of Delhi and other appropriate means. **This Contract shall be NON-JICA funded contract.**

1.1.4 PRE QUALIFICATION CRITERIA :

1.1.4.1 Eligible Applicants :

i) A Tenderer may be either a single entity or any combination of entities in the form of a joint venture or association (JVA)/Consortium under an existing agreement. In the case of a JV/JVA/Consortium: all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms; and the JV/JVA/ Consortium shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the partners of the JV/JVA/Consortium during the tendering process and, in the event the JVA/ Consortium is awarded the Contract, during contract execution.

A non-Indian Firm is permitted to tender only in a JV/JVA or Consortium arrangement with any other Indian Firm having minimum participation interest of 26 % or their wholly owned Indian subsidiary registered in India under the Companies Act-1956 with minimum 26% participation.

ii) A Tenderer, and all partners constituting the Tenderer, shall be from any country and any area.

iii) A Tenderer and all partners constituting the Tenderer, shall not have a conflict of interest. All Tenderers found to have a conflict of interest shall be disqualified. A Tenderer may be considered to have a conflict of interest with one or more parties in this tendering process, if:

a) Tenderer and all partners constituting the Tenderer has been engaged by the Employer to provide consulting services for the preparation related to procurement for or implementation of the project;

b) Tenderer and all partners constituting the Tenderer is any associates/affiliates (inclusive of parent firms) mentioned in subparagraph (a) above; or

(c) A Tenderer and all partners constituting the Tenderer lends, or temporarily seconds its personnel to firms or organizations which are engaged in consulting services for the preparation related to procurement for or implementation of the project, if the personnel would be involved in any capacity on the same project.

iv) A Tenderer shall submit only one tender in the same tendering process, either individually as a Tenderer or as a partner of a JVA/ Consortium. A Tenderer who submits or participates in, more than one tender will cause all of the proposals in which the Tenderer has participated to be disqualified. No Tenderer can be a subcontractor

while submitting a tender individually or as a partner of a JVA/ Consortium in the same tendering process. A Tenderer, if acting in the capacity of subcontractor in any tender, may participate in more than one tender, but only in that capacity.

- v) Not Used.
- vi) Tenderers shall provide such evidence of their continued eligibility satisfactory to the Employer, as the Employer shall reasonably request.
- vii) A firm, who has purchased the tender document in their name, can submit the tender either as individual firm or in joint venture/JVA/ Consortium.
- viii) Any Central / State government department or public sector undertaking must not have banned business with the tenderer (any member in case of JV/JVA/ Consortium) as on the date of tender submission. Also no work of the tenderer must have been rescinded by DMRC after award of contract during last 5 years due to non-performance of the tenderer. The tenderer should submit undertaking to this effect in Form of Tender.
- ix) IN CASE OF JV/JOINT VENTURE ASSOCIATION(JVA)/ Consortium.
Lead partner must have a minimum of 40% participation in the JV/JVA.
Each Partners shall have minimum 25% participation..
In case of JV/JVA/ 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.
- x) A Tenderer and all partners constituting the Tenderer shall confirm Non-performance of a contract did not occur within the last two (2) years prior to the deadline for application submission based on all information on fully settled disputes or litigation(as per Annexure-6). A fully settled dispute or litigation is one that has been resolved in accordance with the Dispute Resolution Mechanism under the respective contract and where all appeal instances available to the Applicant have been exhausted.
- xi) For the purpose of this tender, JV/JVA includes Consortium also.

1.1.4.2 Minimum Eligibility Criteria:

A. General Work Experience:

Experience under construction contracts in the role of E&M contractor for at least 5 years prior to the tender submission date, and with activity in at least nine (9) months in a year for any three years.

B Specific Work experience:-

The tenderers will be qualified only if they have completed work(s) during last Ten years as on date of tender submission as given below:

B1.

- (i) At least **one single work of value Rs.2.0 crores or more** which shall include minimum of Supply, Installation, Testing and Commissioning of E&M works of Elevated Metro Station/Mass rapid transit system/Commercial Buildings or Installation/Official Buildings/Railway Stations.

OR

- (ii) **2 different works of Rs 1.25 Crores or more** Both works shall include minimum of Supply, Installation, Testing and Commissioning of E&M works of Elevated Metro Station/Mass rapid transit system/Commercial Buildings or Installation/Official Buildings/Railway Stations.

OR

- (iii) **3 different works of Rs 1.0 Crores or more** All three works shall include minimum of Supply, Installation, Testing and Commissioning of E&M works of Elevated Metro Station/Mass rapid transit system/Commercial Buildings or Installation/ Official Buildings or Installation/ Railway Stations.

NOTE :- (1) The above works may also include Fire Detection & Fire Suppression / Fire Hydraulics system, EOT Cranes works and Ventilation Air Conditioning (VAC) in addition to E&M works but should necessarily include E&M works component, which should not be less than 50 % of the value of work.

(2) One work will include all the components of works of E&M, Fire Detection & Fire Fighting and VAC works of a Building project / installation even if they are executed through separate contracts.

(3) For Metro Projects / MRTS works, all contracts of a firm executed in one Phase of MRTS Project will be treated as one work.

Note:-

- The tenderer shall submit details of work executed by them in the Performa of **Annexure-1** 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 be submitted.
- Value of successfully completed portion of any ongoing work up to **date of tender submission** will also be considered for qualification of work experience criteria.
- For completed works, value of work done shall be updated to tender submission date assuming 5% inflation for Indian Rupees every year and 2% for foreign currency portions per year. **For the purpose of evaluation of work experience, all prices will be converted to Indian Rupees using the Exchange (selling) rates for those currencies at the close of business of the State Bank of India at 31st December of each year for the works completed in respective year. For the works completed in the latest year before 31st of December of current year, the exchange rates of foreign currency shall be applicable 28 days before the tender submission date.**
- In case of joint venture / JVA/Consortium full value the work, if done by the same joint venture or any of members of the Joint Venture shall be considered. If the work done by them in any other JV/JVA/ Consortium value of work as per his percentage participation in that JV/JVA/ Consortium shall be considered.

C. Financial Standing: The Tenderers will be qualified only if they have minimum financial

Capabilities as below:

(i) T1 - Liquidity

- (a) The tenderer must have liquidity equal to **cash flow requirement of Rs 62.5 lakh. (Approx. 3 months cash flow)** as per linear distribution of cash flow for the contract.
- (b) The liquidity shall be ascertained from Net Working Capital {Current Assets – (current liabilities + provisions)} as per latest audited balance sheet and/or from the Banking reference(s).
- (c) Banking reference(s) should contain in clear terms the amount that the Bank will be in a position to lend for this work to the applicant/member of the Joint Venture/Consortium/JVA. In case the Net Working Capital (as seen from the Balance Sheet) is negative, only the Banking reference(s) will be considered, otherwise the aggregate of the Net Working Capital and submitted Banking reference (s) will be considered for working out the Liquidity.
- (d) The Banking references should be from a Scheduled Bank in India or from an International Bank of repute (in case of foreign vendors) and it should not be more than 3 months old as on the date of submission of bids.
- (e) **In Case of JV/JVA/ Consortium**: - Requirement of working capital is to be distributed between members as per their percentage participation and every member should satisfy the requirement for his portion.
Example: Let member-1 has percentage participation=M and member-2 has percentage participation=N. If minimum working capital required is 'W' then working capital of member-1 $\geq \frac{WM}{100}$ and working capital of member-2 $\geq \frac{WN}{100}$.
- (f) In case the applicant is a JV/JVA/ Consortium and if Banking Reference is issued by the bank in favour of the JV/JVA/ Consortium for this contract, then it will be considered for the tenderer and if the Banking reference(s) is issued in favour of any member of JV/JVA/ Consortium it will be considered only for that member.

(ii) T2 - Profitability: Profit before Tax should be Positive in at least 2 (two) year, out of the last five audited financial years.

In Case of JV/JVA/ Consortium - The profitability of only lead member shall be evaluated.

(iii) T3 - Net Worth: Net Worth of tenderer must be positive in the latest audited financial balance sheets.

In Case of JV/JVA/ Consortium, the algebraic sum total of Net Worth of all the members as per the latest audited balance sheets shall be considered the Net Worth of the tenderer.

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

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

(iv) **T4 - Annual Turnover:** The average annual turnover from of last **five financial years** should be **≥2.0 Cr .**

In Case of JV/JVA/ Consortium – the tenderer must fulfil the following conditions:

1. Each partner to have minimum 25% of minimum requirement.
2. At least one partner to have 40% of minimum requirement.
3. All partners put together should meet the minimum requirement as per their percentage participation.

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/JVA/ Consortium will be

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

Notes:

- Financial data for latest last five audited financial years has to be submitted by the tenderer in **Annexure-2** along with audited balance sheets. The financial data in the prescribed format shall be certified by Chartered Accountant with his stamp and signature. 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 other year than the last year is not submitted, the tender will 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.

1.1.4.3 Bid Capacity Criteria :

Bid Capacity: The Tenderers will be qualified only if their available bid capacity is more than the approximate cost of work.

The approximate cost of work for Contract **CEE-PS1/01** is **Rs 2.5 Cr.** Bid capacity will be calculated based on the following formula:

$$\text{Bid Capacity} \geq 2*A*N - B$$

If Bid Capacity of a tenderer is:-

- (i) **CEE/PS-1/01.** **More than Rs. 2.5 Cr.** the tenderer will qualify for Contract
- (ii) **Less than Rs 2.5 Cr. the tenderer will be disqualified.**

Where,

A = Maximum of the value of works executed in any one year during the last five financial years (updated to tender submission date 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 =12 months=1 year

B = Value of existing commitments (**as on tender submission date**) for on-going works during period of **12 months w.e.f.** tender submission date

Notes:

- Financial data for latest last five financial years has to be submitted by the tenderer in **Annexure-3A** 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.
- Value of existing commitments for on-going construction works during period of **12 months w.e.f. tender submission date** has to be submitted by the tenderer in **Annexure-3B**. These data shall be certified by the Chartered Accountant with his stamp and signature.
- 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 % is not provided, equal participation will be assumed.

1.1.4.4 The tender submission of Tenderers, who do not qualify the minimum eligibility criteria & bid capacity criteria stipulated in the clauses 1.1.4.1 to 1.1.4.3 above, shall not be considered for further evaluation and therefore rejected. The mere fact that the tenderer is qualified as mentioned in sub clause 1.1.4.1 to 1.1.4.3 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.

1.1.4.5 Minimum Key Staff requirement – shall be as per Annexure-4 of NIT

NOTE – Please submit the CV of above Key staff required as per annexure-4 in the format given in Annexure – 5 of NIT.

1.1.5 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)

- Volume 3 : Employer's Requirements – General Specifications
- Volume 4 : Employer's Requirements – Technical Specifications
- Volume 5 : Tender Drawings
- Volume 6 : Condition of Contract on Safety, Health & Environment (SHE) Ver. 1.2
- Volume 7 : Bill of Quantities

(Soft copy in MS Excel format shall also be provided in a CD).

- 1.1.6** The contract shall be governed by the documents listed in para 1.1.5 above.

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

- 1.1.7** The Tenderers may obtain further information/ clarification, if any, in respect of these tender documents from the office of Chief Electrical Engineer/PS-1, 9/11 Mall Road Site Office, New Delhi-110054.
- 1.1.8** The intending tenderers 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.
- 1.1.9** 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.
- 1.1.10** Tender submissions will be made online after uploading the mandatory scanned document 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 other documents as stated in the tender documents.
- 1.1.11** 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.
- 1.1.12** Late / Delayed 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 and acceptable form 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.

- 1.1.15** Bidders shall note that the maximum file size that can be uploaded is 5 MB. All the uploaded files in tender submission should be named properly and arrange systematically.
- 1.1.16** The bidders are advised to keep in touch with e-tendering portal www.tenderwizard.com/DMRC for updates.

**Chief Electrical Engineer/PS-1
For Managing Director
Delhi Metro Rail Corporation limited**