

Contract AADD-01: Engagement of Detail Design Consultant (DDC) for Civil, Architectural and Building Services including E & M works for Vijaywada Metro Corridors 1 & 2 and Depot cum workshop at Nidamanuru.

NOTICE INVITING TENDER
DELHI METRO RAIL CORPORATION LIMITED

1.1.1 Name of Work:

Delhi Metro Rail Corporation (DMRC) Ltd. invites Limited e-Tenders from **Short Listed Agencies**, who fulfil qualification criteria as stipulated in Clause 1.1.3 of NIT, for the work, **“Contract AADD-01: Engagement of Detail Design Consultant (DDC) for Civil, Architectural and Building Services including E&M works for Vijaywada Metro Corridors 1 & 2 and Depot cum workshop at Nidamanuru.”**

1.1.2 Key details :

Approximate cost of work	INR 15.00 Crores
Tender Security amount	INR 15.00 Lacs
Validity of Tender Security in case of BG	11.10.2016
Completion period of the Work	24 months
Tender documents on sale	From 29.01.2016 to 15.02.2016 (up to 1100 hrs) 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	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 1500 hours on 15.02.2016 in the office of Executive Director/Contracts at below mentioned address.
Pre-bid Meeting	05.02.2016 at 1100 hrs.
Last Date of Seeking Clarifications	05.02.2016 up to 1730 hrs.
Last date of issuing addendum	08.02.2016
Date & time of Submission of Tender online	15.02.2016 up to 1500 hrs.
Date & time of opening of Tender online	15.02.2016 at 1505 hrs.

Authority and place for purchase of tender documents, seeking clarifications and submission of completed tender documents	Executive Director/Contracts, Delhi Metro Rail Corporation Ltd., 5 th floor, A-Wing, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi –110 001
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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 either in a single entity or 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/Consortium shall be substantial partner and the one who has experience of Detail Design Consultant for Civil, Architectural and Building Services including E&M works for viaduct and elevated station (s) of Metro Rail/Light Rail/Railways.
- 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-6** of Form of Tender.
- vi. Tenderer (any member in case of JV/consortium) must not have paid liquidated damages

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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-14** 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-12A** of Form of Tender.
- viii. **NON SUBSTANTIAL PARTNERS IN CASE OF 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. Partners having 26% or more percentage participation shall be termed as substantial partner.
 - (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.

1.1.3.2 Minimum Eligibility Criteria:

- A. Work Experience:** The tenderers will be qualified only if they have successfully completed work(s) during last seven years ending **29.02.2016** as given below:

At least one work of DDC (Detail Design Consultant) of viaduct and elevated stations for Metro Rail / Light Rail / Railways value of **Rs.6.00 crores** or more.

If the above work of **Rs.6.00 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 work equal to **Rs.6.00 crores** outside the country of the foreign partner.

Detail Design Consultancy (DDC) work means work pertaining to design of Civil (Structural), Architectural and Building Services including E&M works of viaduct and elevated station(s) for Metro Rail / Light Rail / Railways corridor/section. The requirement of designing of structural, architectural and building-services including E&M works may be satisfied by members of JV/Consortium together or by the sole tenderer bidding as an individual entity. For the purpose of structural design, the proof checking will be treated as equal to the structural design of structures. The above qualifying work of DDC amounting to **Rs. 6.00 crore** or more means a composite DDC work (i.e. DDC work involving civil structural design or proof checking of civil structural design, architectural, building services and E&M works as a single composite DDC contract). If this requirement of DDC work amounting to **Rs. 6.00 crore** is not met by single composite DDC contract, the tenderer (substantial members of JV/consortium) are also allowed to submit separate works of DDC for Civil Structural design (or proof checking of civil structural design), architectural works and building services (including E&M works) in order to jointly meet the criteria. Each substantial member of JV/Consortium in that case should have successfully completed that part of DDC work [structural/architectural/building services (including E&M works)] of value not less than **Rs. 1.56 crores** and total of all components (i.e., structural/architectural/building services (including E&M works)) together should be **Rs. 6.00 crore** or more. Besides, in such case, the tenderer as a single entity or any of the members of the JV shall have completed civil structural design of at least **6.8 km** of viaduct and **7** numbers of elevated stations in the above qualifying work(s).

Notes:

- The tenderer shall submit details of works executed by them in the Performa prescribed in **Appendix-13 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 be submitted.
- Value of successfully completed portion of any ongoing work up to **29.02.2016** will also be considered for qualification of work experience criteria.
- For completed works, value of work done shall be updated to **29.02.2016** 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.

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

- (i) **T1 – Liquidity:** It is necessary that the firm can withstand cash flow that the contract will require until payments received from the Employer. Liquidity therefore becomes an important consideration.

This shall be seen from the balance sheets and/or from the banking reference. Net current assets and/or documents including banking reference, should show that the applicant has access to or has available liquid assets, lines of credit and other financial means to meet cash flow of INR 1.07 crores for this contract, net of applicant's commitments for other Contracts. Banking reference should contain in clear terms the amount that bank will be in a position to lend for this work to the applicant/member of the Joint Venture/Consortium. In case the Net Current Assets (as seen from the Balance Sheets) are negative, only the Banking references will be considered. Otherwise the aggregate of the Net Current Assets and submitted Banking references will be considered for working out the Liquidity.

The banking reference should be from a Scheduled Bank in India or (in case of foreign parties) from an international bank of repute acceptable to DMRC **as per standard proforma provided in ITT as Annexure-4** and it should not be more than 3 months old as on date of submission of bids.

In Case of JV- Requirement of liquidity is to be distributed between members as per their percentage participation and every member should satisfy the minimum requirement.

Example: Let member-1 has percentage participation=M and member-2 has percentage participation=N. If minimum liquidity required is 'W' then liquidity of member-1 $\geq \frac{W \cdot M}{100}$

100

And liquidity of member-2 $\geq \frac{W \cdot N}{100}$.

- (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: The profitability of only lead member shall be evaluated.

- (iii) **T3 - Net Worth:** Net Worth of tenderer during last audited financial year should be \geq **INR 1.50 crores**

In Case of JV- Net worth will be based on the percentage participation of each Member.

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 consultancy works of last five financial years should be \geq **INR 6.00 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-12 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. 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.

C. 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:

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

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Where,

A = Maximum of the value of Consultancy work executed in any one year during the last five financial years (updated to **29.02.2016** 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 29.02.2016**) for on-going Consultancy work during period of **24 months w.e.f.01.03.2016**.

Notes:

- Financial data for latest last five financial years has to be submitted by the tenderer in **Appendix-10 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.
- Value of existing commitments for on-going Consultancy work during period of **24 months w.e.f .01.03.2016** has to be submitted by the tenderer in **Appendix-11 of FOT**. These data shall be certified by the Chartered Accountant with his stamp and signature in original.
- 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:

Bid Capacity of the JV / group = 0.7X + 0.3Y

D. Additional Requirements:

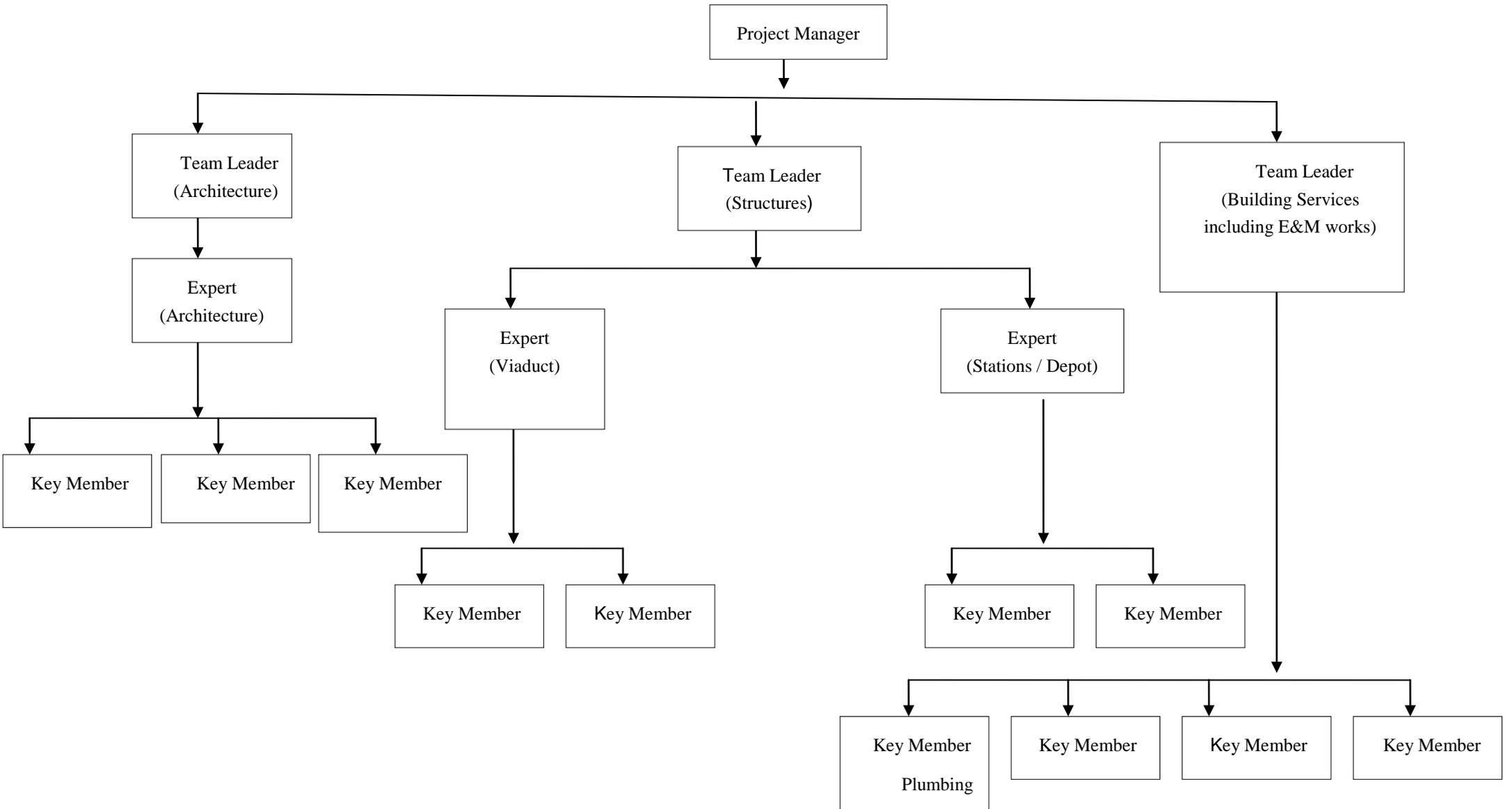
The Tenderer shall have to comply following requirements to qualify:

- (i) The tenderer shall submit an organisation chart together with clear description of the responsibilities of each member within the overall work programme.
- (ii) The Lead member and its JV/Consortium partner shall have handled minimum **8 stations** as an individual entity in their respective fields for Civil, Architectural and E&M works. The Lead member and/or its JV partners must have completed detailed design or Proof Checking of at least one viaduct/bridge project of similar nature and complexity (sufficient proof shall be submitted to substantiate the qualification and experience).
- (iii) The DDC team shall be headed by a '**Project Manager**' having experience not less than **05 years** as Project Manager / Team Leader with total experience of not less than **15 years** and have the experience of minimum **02 projects** of similar nature and complexity (sufficient proof shall be submitted to substantiate the qualification and experience).

- (iv) The DDC team for each discipline i.e., Civil, Architectural and E&M shall be headed by '**Team Leader**' having experience not less than **05 years** as Team Leader with total experience of not less than **15 years** and have the experience of minimum **02 projects** of similar nature and complexity (sufficient proof shall be submitted to substantiate the qualification and experience).
- (v) Under Team Leader, '**Experts**' shall be deployed who must have minimum experience of **10 years** of relevant experience in the concerned field and have handled minimum **02 projects** of similar nature and complexity (sufficient proof shall be submitted to substantiate the qualification and experience).
- (vi) Under experts, '**Key Members**' shall be deployed who must have minimum experience of **08 years** of relevant experience to handled minimum **02 projects** of similar nature and complexity (sufficient proof shall be submitted to substantiate the qualification and experience).
- (vii) The technical proposal will be evaluated based on the capabilities /technical strength of staff proposed to be deployed.
- (viii) The form of organization structure is prescribed in fig. 1 below.

Note: Any one '**Team Leader**' may also be designated as '**Project Manager**' if he/she qualifies the criteria of being 'Project Manager'.

Fig. 1 (Schematic Organisation Chart)



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1.1.3.3 The tender submission of tenderers, who do not qualify the minimum eligibility criteria stipulated in the clauses 1.1.3.2 A, B, C & D 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 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 descriptive and detailed scope is defined in Scope of Works (Volume 2)

1.1.5 Tender Documents comprise of following documents:

Volume 1

- Notice Inviting Tender (NIT)
- Instructions to Tenderer (ITT) including annexures
- Form of Tender (FOT) including appendices
- General Conditions of Contract (GCC)
- Special Condition of Contract (SCC)

Volume 2

- Scope of Work

Volume 3

- Financial Package (Part –I, II & III)

Volume 4

- Reference Documents
 - Part-I: Outline Design Criteria - Railway Geometry, Bridges And Viaducts
 - Part-II: Outline Design Criteria - Geo-Technical, Foundation And Railway Formation Works
 - Part-III: General Planning Criteria
 - Part-IV: Building Services
 - Part-V: Interface Scheme Management
 - Part-VI: Design Criteria (Depot, Yard & Workshop)

Volume 5

- Tender Drawings

1.1.6 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, 'A' Wing, 5th floor, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi –110 001.

1.1.7 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.

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- 1.1.8 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.
- 1.1.9 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.
- 1.1.10 Late tenders (received after date and time of submission of bid) shall not be accepted under any circumstances.
- 1.1.11 Tenders shall be valid for a period of 180 days (both days inclusive i.e. the date of submission of tender 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 4.0 of ITT.
- 1.1.12 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.**