

Contract NGNEGC: General Consultant (GC) for Elevated Sections of Extension Projects of Aqua Line from Depot Station to Boraki (2.6 km) & Noida Sec-142 to Botanical Garden (12.513 km) including augmentation of existing depot and RSS works.



NOIDA METRO RAIL CORPORATION LIMITED

CONTRACT NO: NMRC/Projects/NGNEGC/2026/454

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VOLUME-1

Instructions to Tenderer (ITT)

**NOIDA METRO RAIL CORPORATION LTD.
Block-III, 3rd Floor, Ganga Shopping Complex,
Sector-29, Noida -201301,
District Gautam Budh Nagar, Uttar Pradesh, India**

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CONTRACT No. NGNEGC

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INSTRUCTIONS TO TENDERER

A. General

A1. General Description of the Work

This contract is for the work of “**Contract NGNEGC: General Consultant (GC) for Elevated Sections of Extension Projects of Aqua Line from Depot Station to Boraki (2.6 km) & Noida Sec-142 to Botanical Garden (12.513 km) including augmentation of existing depot and RSS works.**”

The GC shall provide consultancy service to enable NMRC to Extension Projects of Aqua Line from Depot Station to Boraki (2.6 km) & Noida Sec-142 to Botanical Garden (12.513 km) including augmentation of existing depot and RSS works – 15.113 km elevated section with 10 metro station.

The Bidder are to note that the length of corridor and number of stations may change during design/ execution stage. The payment will be regulated as indicated in the foot note of BOQ.

Detailed Project Reports (DPR)s of the above extension corridors has been prepared, which may be consulted in office of General Manager(Project), Noida Metro Rail Corporation, Block-III, 3rd floor Ganga Shopping Complex, Sector-29, Noida, Distt. Gautam Budh Nagar-201301, U. P., on any working day (Monday to Friday except Holidays) between 10:30 hrs. to 15:00 hrs. However, the scope of work of present tender is described in Volume-3”Scope of work “ of tender document.

A2. Source of Funds

The project is proposed to be funded by state Government of Uttar Pradesh and Government of India and through loans from NCRPB/External financial institution.

In this context, the consultant should refer to related environmental, social and other guidelines, of such agencies while carrying out the assignment. Design and implementation plans should minimize environmental , social and other impact in a practical manner, keeping in view both construction stage and operational impacts.

A3. Eligible Tenderers

This is an open competitive e-tender and all companies, corporations, partnership firms, LLP who are involved in execution of this type of work and those who fulfill the financial soundness and work experience criteria as per clause 1.1.3.2 of NIT, E4.10 & E5 of ITT and Eligibility & Qualification Criteria as per Annexure-01 of ITT and other requirements laid down in this document are eligible to participate.

A4. Qualification of the Tenderer

A4.1 The Tenderer shall submit a written power of attorney authorizing the signatory (ies) of the Tender to commit the tenderer along with Board Resolution confirming authority on the persons issuing the Power of Attorney for such actions. In case of Foreign company, Power of Attorney(s) and Board Resolution confirming authority

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on the persons issuing the Power of Attorney for such actions shall be submitted duly notarized by the notary public of country of origin and should be either stamped by Embassy/High Commission or Member Countries of Hague convention may submit these documents with "Apostille" stamp. Also, in case the documents are in foreign language the translation of the same shall be authenticated by Embassy/High Commission.

- A4.2 It should be noted that if tender combines the functions of a consultant or designer with those of a contractor and/or manufacturer, all relevant information must be provided regarding such relationship, along with an undertaking to the effect that the member agrees to limit their role to that of a consultant and/or designer and to disassociate themselves, their associates/affiliates and/or parent firm from working in any other capacity (including tendering relating to any goods or services for any part of the work) on this work other than that of consultant and/or designer.
- A4.3 If, in connection with the performance of the consulting services, tenderer/ any group member intends to borrow, hire temporarily, personnel from contractors, manufacturers or suppliers, the applicant must include all relevant information about such personnel in their proposal. In such case, the applicant will be acceptable only if those contractors, manufacturers, and suppliers disassociate themselves from this work (including tendering relating to any goods or services for any other part of this work) other than that of consultant.
- A4.4 Each Tenderer (each member in the case of joint venture or consortium) is required to confirm and declare with his Tender that no agent, middleman or any intermediary has been, or will be, engaged to provide any services, or any other item or work related to the award and performance of this Contract and declare that no agency commission or any payment which may be construed as an agency commission has been, or will be, paid and that the tender price Bill not include any such amount. To fulfill this requirement, the tenderer (each member in case of JV/Consortium) has to sign the declaration given as **Appendix-08** of FOT. If the Employer subsequently finds to the contrary, the Employer reserves the right to declare the Tenderer as non-compliant, and declare any Contract if already awarded to the Tenderer to be null and void.
- A4.5 Canvassing or offer of an advantage or any other inducement by any person with a view to influencing acceptance of a Tender will be an offence under laws of India. Such action will result in the rejection of the Tender, in addition to other punitive measures.
- A4.6 Each Tenderer, will be required to confirm and declare in the Tender submittal that that they have not been blacklisted or deregistered by any central / state government department or public sector undertaking and also that none of their work was rescinded by the client after award of contract during last 10 years. The proforma of this undertaking is prescribed in **Appendix-9** of FOT.

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A5. One Tender per Tenderer

A Tenderer shall submit only one bid, either individually as a tenderer or as a partner of JV/Consortium. If a tenderer who submits or participates in more than one bid, all tenders in which the tenderer has participated either as sole tenderer shall be considered invalid.

A6. Cost of Tendering

The Tenderer shall bear all costs associated with the preparation and submission of his tender and the Employer will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tender process.

A7. Site Visits

A7.1 The Tenderer is advised to visit and examine the Sites of Projects and its surroundings and obtain for himself on his own responsibility all information that may be necessary for preparing the Tender and entering into a contract for the proposed work. The costs of visiting the Sites shall be borne by the Tenderer. It shall be deemed that the Tenderer has undertaken a visit to the Sites of Projects and is aware of the site conditions prior to the submission of the tender documents.

A7.2 The Tenderer and any of his personnel will be granted permission by the Employer to enter upon his premises and lands for the purpose of such inspection, but only upon the express condition that the Tenderer, and his personnel, will release and indemnify the Employer and his personnel from and against all liability in respect thereof and will be responsible for death or personal injury, loss of or damage to property and any other loss, damage, costs and expenses incurred as a result of the inspection.

A7.3 Thus, it is deemed that the Tenderer has taken into account all the factors that may affect his Tender in preparing his offer.

B Tender Documents

B1 Content of Tender Documents

B1.1 The Tender Documents, as listed below, have been prepared for the purpose of inviting tenders for providing the consultancy service for implementation of project in connection with "Contract NGNEGC: General Consultant (GC) for Elevated Sections of Extension Projects of Aqua Line from Depot Station to Boraki (2.6 km) & Noida Sec-142 to Botanical Garden (12.513 km) including augmentation of existing depot and RSS works)." and as more particularly described in these documents

Volume 1

- a. Notice Inviting Tender
- b. Instructions to Tenderers (including Annexures)
- c. Form of Tender (including Appendices)

Volume 2

- d. General Conditions of Contracts
- e. Special Conditions of Contract
- f. Contract Forms

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Volume 3

- g. Scope of Work
- h. Financial Package/Bill of Quantities

Volume 4

- i. Pricing Document

B1.2 The Tenderer is expected to examine carefully the contents of all the above documents. Failure to comply with the requirements of the Tender documents will be at the Tenderer's own risk. Tenders that are not substantially responsive to the requirements of the Tender documents will be rejected.

B1.3 The Tenderer shall not make or cause to be made any alteration, erasure or obliteration to the text of the Tender Documents.

B2. Not in Used

B3. Clarification of Tender Documents

B3.1 The Tenderer shall check the pages of all documents against page numbers given in indexes and summaries and, in the event of discovery of any discrepancy, the Tenderer shall inform the **General Manager(Project) /NMRC** forthwith.

B3.2 Should the Tenderer for any reason whatsoever, be in doubt about the meaning of anything contained in the Invitation to Tender, Tender Documents or the extent of detail in the Employer's Requirements, Technical Specifications and Tender Drawings etc., the Tenderer shall seek clarification from **General Manager(Project)/NMRC** by uploading the same on e-tendering portal, not later than the last date of seeking clarification given in the key details of Notice Inviting Tender. Any such clarification, together with all details on which clarification had been sought, will be copied to all Tenderer without disclosing the identity of the Tenderer seeking clarification.

B3.3 Except for any such written clarification by **General Manager(Project)/NMRC** which is expressly stated to be by way of an addendum to the documents referred to in paragraphs B1.1 above and/or for any other document issued by the Employer which is similarly described, no written or verbal communication, representation or explanation by any employee of the Employer or the Engineer shall be taken to bind or fetter the Employer or the Engineer under the Contract.

B3.4 Correspondence: All correspondence from NMRC pertaining to this tender till the award of the work with tenderer shall be done by **General Manager(Project)/NMRC**.

B4. Amendment to Tender Documents

B4.1 During the tender period, the Employer may issue further instructions to tenderers or any modifications to existing tender documents in the form of an addendum. Such an amendment in the form of an addendum will be made available at e-tendering website <https://eprocure.gov.in/eprocure/appto> all prospective tenderers who have

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purchased the tender document in the tender period.

Without prejudice to the order of preference as specified in Clause 24 of General Conditions of Contract (GCC), the provisions in such addenda shall take priority over the Invitation to Tender and Tender Documents issued previously. Tenderers should download such addenda and consider them in the tender submittal.

B4.2 The Tenderer should note that there might be aspects of his Tender and/or the evaluation documents submitted with the Tender that will necessitate discussion and clarification. It is intended that any aspect of the said evaluation documents and any amendments or clarification which are to have contractual effect will be incorporated into the Contract either:

- (a) by way of Special Conditions of Contract to be prepared by the Employer and agreed in writing by the Tenderer prior to and conditional upon acceptance of the Tender; or
- (b) by the Tenderer submitting, at the written request of the Employer, documents which are expressly stated to form part of the Tender, whether requested before or after submission of the documents forming part of the Tender, identified in paragraphs C2.2(a) to C2.2(hh) below, and whether as supplements to, or amended versions of such documents.

Save as aforesaid, all such amendments or clarifications shall have contractual effect.

C. Preparation of Tenders

C1 Language

Tenders and all accompanying documents shall be in English. In case any accompanying printed literature is in other languages, it shall be accompanied by an English translation. The English version shall prevail in matters of interpretation.

C2. Documents Comprising the Tender

C2.1 The Tenderer shall, on or before the date and time given in the Notice Inviting Tender (NIT), submit his Tender online on e-tendering website <http://etender.up.nic.in>, comprising of following:

- **Technical Package** of "Contract: NGNEGC"
- **Financial Package** of " Contract: NGNEGC" as per the provisions given in clause C15 below.

Technical Package of this submission shall contain the documents referred to in the subsequent paragraphs C2.2 and C2.3 and all Annexures/ Appendixes of NIT, ITT and FOT respectively.

Financial Package shall contain Volume-4 (Pricing Document) of the tender documents duly filled in and complete in all respect.

C2.2 The Tenderer shall submit, as his Tender, the following documents, duly completed

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which in the event of acceptance of the Tender, and shall form part of the Contract:

- a) Form of Tender (Without appendices);
- b) Appendix 1 to the Form of Tender; Contract Conditions;
- c) Appendix 2 to the Form of Tender: completed bill of quantities / Pricing Document (see paragraph C10, C15 and C23);
- d) Appendix 3 to the Form of Tender: General Information about the Tenderer;
- e) Appendix 3A to the Form of Tender: Consortium Form
- f) Appendix 4 to the Form of Tender: Staffing Schedules and Organization Chart (see paragraph C12);
- g) Appendix-5 to the Form of Tender: Curriculum Vitae (CV) of Key Personnels
- h) Appendix-6 to the Form of Tender: Details of Key Personnel to be Deployed
- i) Appendix 7 to the Form of Tender: Tender Index (See paragraph C23);
- j) Appendix 8 to the Form of Tender: Undertaking for corrupt & fraudulent practice;
- k) Appendix 9 to the Form of Tender: Undertaking for Blacklisting/Deregistration;
- l) Appendix-10 to the Form of Tender: Undertaking on copyright (see paragraph E2)
- m) Appendix-11 to Form of Tender – The tenderer may submit minor deviations in this annexure and a confirmation that price of every such minor deviation has been given in the financial package. Minor deviation may be in the employer's requirements or in any other tender requirement which do not alter the basic functionality of the work or part thereof. If there is no such minor deviation, then the tenderer must write "NIL" in this annexure. Tenderer to note that such minor deviations may or may not be accepted by the employer and the tenderer shall not have any right to any claim on this account. The offer in BOQ shall be given without considering any deviation in tender conditions. Tenderer to see note 1 of Appendix-11 of FOT.
- n) Appendix 12 to the Form of Tender: Financial Data
- o) Appendix 13 to the Form of Tender: Financial Data (General Consultancy works done during the latest last five financial years)
- p) Appendix 14 to the Form of Tender: Financial Data (Commitment for On-going Works/ works in hand)
- q) Appendix 15 to the Form of Tender: Work Experience
- r) Appendix 15A to the Form of Tender: Summary of information provided in Appendix15.
- s) Appendix 16 to the Form of Tender: Affidavit for Unaudited Balance Sheet(Not applicable)
- t) Appendix-17 to the Form of Tender: Undertaking as per clause 1.1.3.1 iv(a) & (b) of NIT
- u) Appendix-17A to the Form of Tender: Undertaking as per clause 1.1.3.1 iv(c) of NIT
- v) Appendix-18 to the Form of Tender: Undertaking for not being penalised in a Contract
- w) Appendix-19 to the Form of Tender: Undertaking for Financial stability
- x) Appendix-20 to the Form of Tender: Undertaking for Downloaded Tender Document
- y) Appendix-21 to the Form of Tender: Format for Certificate to be Submitted /

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Uploaded by Tenderer Along with the tender documents

- z) Appendix 22 to the Form of Tender: Undertaking as per Clause 1.1.3.1 vi(d) of NIT.
- aa) Appendix-23 to the Form of Tender: Performa for submission of the List of the Goods, Works & Services Tentatively Proposed to be Offered with Local Value Addition.
- bb) Appendix 24 to the Form of Tender: Detail of Bank Account for Refund of Tender Security/EMD.
- cc) Appendix 25 to the Form of Tender: Undertaking by the tenderer
- dd) Appendix 26 to the Form of Tender: Pending Litigation as per Clause 1.1.3.1 iv(f) of NIT
- ee) Appendix 27 to the Form of Tender: Tentative project implementation programme (see paragraph C8)
- ff) Appendix 28 to the Form of Tender: Tenderer's Technical Proposal
- gg) Any further documents which have been requested in accordance with paragraph B4.2 above.
- hh) Tender Programme (see paragraph C8) Any further documents which have been requested in accordance with paragraph B4.2 above.

All original tender documents issued by NMRC are part of Technical Package except the volume containing the Bill of Quantities (BOQ/Pricing Document) which shall be filled and submitted in Financial Package. Tenderers should carefully read and note all the conditions and provisions mentioned in original tender documents issued by NMRC and it shall be deemed that all the conditions and provisions of these documents have been included in their tender submission and accepted to them. The tender shall be submitted online by using class-II / class-III digital signature of the authorized signatory of the tenderer.

C2.3 The Tenderer shall submit with his Tender documents that are identified in paragraphs C2.3 (a) – C2.3 (e) inclusive. Such documents will be used for the purposes of evaluating and analyzing the Tender but will not form part of the Contract unless the same shall have been expressly incorporated into the Contract in accordance with paragraphs B4.1 or B4.2 above.

- a) Full details of ownership and control of the Tenderer
- b) Tender Programme (see paragraph C8)
- c) Details of providers of performance guarantees (see paragraph C19 below);
- d) Any further documents which are requested in writing by Employer before submission of the Tender by way of evaluation documents but which are not to form part of the Contract;
- e) Following information shall be furnished:

The tenderer should supply the following information,

1. Maximum value of GC works i.e. "Similar works" executed in any one year during the last 07 years (in Rs. equivalent).
2. Value of the commitments and on-going works, on yearly basis, pertaining to General Consultancy works of elevated/underground MRTS/RRTS, similar in nature to those mentioned in the tender,

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to be completed during the next 60 months from the first date of the month of the tender submission.

Both (1) and (2) should be updated to price level of last day of the month previous to the month in which the tender is submitted by assuming 2% inflation on foreign currency and 5% on Indian currency. For conversion of foreign currency, please refer clause E5.3 of ITT.

C2.4 The **Technical Proposal** should cover in detail the following:

- a. The background and experience of firm including a list of past and present work of a nature similar to this project in the last 7 years.
- b. Understanding and comprehension of the work involved.
- c. The general approach and methodology proposed for carrying out the services covered in the Scope of Work, including such detailed information as deemed relevant. In addition, the technical proposal shall contain:
 - c.1 A detailed overall work programme and a bar chart indicating the duration and timing of assignment of each key staff or other staff member assigned to the project.
 - c.2 A clear description of the responsibilities of each member within the overall work programme as prescribed in clause 1.1.3.2 of NIT.
- d. Sufficient proof shall be submitted to substantiate the qualification and experience of staff deployed.
- e. The technical proposal will be evaluated based on the capabilities /technical strength of staff proposed to be deployed.
- f. Bidder is required to cover the entire scope of work as mentioned on Volume 3 “scope of work” appended to the document.
- g. The name, background and professional experience of each key staff member to be assigned to the project, with particular reference to his experience of a nature similar to that of the proposed assignment.

The Technical Package shall contain self-attested copies of latest 05 years Income Tax Return filed by the tenderer in the required proforma of Government of India. For foreign based consultants a suitable certified similar document from their country of origin, or a certified statement from their auditors stating that Income Tax/Corporation Tax has been paid will be accepted.

The Tenderer shall include with his Tender an index which cross refers all the requirements of tender elaborated in these documents to all the individual sections within Contract NGNEGC: Technical Package and Contract NGNEGC: Financial Package which the Tenderer intends to be the responses to each and every one of those requirements.

The Tenderer shall be required to amplify, explain and develop the Contractor's Technical

Proposals in substantially greater detail during the tender evaluation period such that they may be confirmed as complying clearly with the requirements prescribed in tender document and, in accordance with paragraph B4.2 herein, can be incorporated

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into the Contract. Only those aspects of the Contractor's Technical Proposal that the Employer (at his sole discretion) considers clearly conforming, will form part of the Contract.

C2.5 The Employer may get, from the Government, partial or complete waiver of taxes, royalties, duties, Labour cess, octroi, and other levies payable to various authorities. The successful tenderer (the contractor) shall maintain meticulous records of all the taxes and duties paid and provide the same with each bill. In case the waiver becomes effective, the GC will be advised on the process to be followed to obtain the refund from the concerned authority. The GC shall arrange for the remit of the refund to the Employer. In case of failure by the GC to remit such amounts, the same shall be recovered from amounts due for payment to the GC.

With the tender submission, the tenderer shall submit the proof of GST registration or shall submit an undertaking that he will get registered with appropriate GST authorities in case of award of LOA to them.

C2.6 **Tenderers shall quote all prices** as per Clause 23,34 of GCC and Clause 20 of SCC.

C 2.7 The tenderers must note the following:

a) Tenderers should quote the contract price excluding GST as applicable.

b) **Change in Taxes/Duty:**

The contract price shall not be adjusted to take into account any change in taxes, duties, levies or any other new tax, duties or levies till the completion date including the date of extended period of contract.

c) GST shall be paid separately as applicable after raising the tax invoice by the GC. The GC shall maintain details of SGST/UTGST paid to Revenue department of the respective state in which the work is carried out and submit the following for reimbursement of GST: -

a. Tax Invoice

b. GSTR-1 return filled with the respective authority or the form of return as amended by the Central/State Government time to time & copy of challans in regard to deposit tax.

c. Certificate of the Chartered Accountant in regard to turnover of the contractor relating to NMRC project and deposit of due taxes with respective tax authorities.

d. Relevant abstract of filed GSTR-1 return showing the details of relevant tax invoice submitted by the GC.

d) Tender prices shall be quoted in Indian Rupees only.

In view of above, the tenderers are advised to quote the price inclusive of all central/state/local taxes (except GST which will be paid extra as applicable), duties, levies, cess and all other incidental charges required to fulfil the tender conditions including statutory deduction viz., TDS towards Income Tax

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/GST/Labour cess etc. after considering clause C2.5, C2.6 & C2.7 above.

C2.8 Financial Package –

- C2.8.1** The financial package, will be submitted through Form of Tender as available on E-tendering portal.
- C2.8.2** The Man-Month Prices of Staff to be deployed in NMRC project for consultancy service should include all costs associated with the contract for which rate will be quoted in the BOQ form as available on e-portal.
- C2.8.3** The quoted man month price should cover all activities as laid down in Scope of Work (Volume 3 of tender documents), that are required for:
- a. Services to be performed prior to the award of construction contracts and
 - b. Services to be performed during/after construction.
- The price quoted shall be exclusive of GST as applicable.
- C2.8.4** Deployment of Staff which shall be paid on man-month basis as per actual deployment.
- C2.8.5** The tenderer shall quote his offer either in Indian Rupees only.
- C2.8.6** All payments shall be subject to tax deduction at source (TDS) in accordance with the provisions of the Indian Income Tax Act and any other applicable law.
- C2.8.7** The Pricing Document is included in Pricing Document; Volume 4. The Tenderer shall complete the Pricing Document in accordance with the instructions given in Bill of Quantity/Pricing Document. The completed Pricing Document including price of minor deviations in **Appendix 11** of FOT shall be uploaded online.

C3 Form of Tender

The Form of Tender shall be completed and signed by a duly authorized and empowered representative of the Tenderer. If the Tenderer comprises a partnership, consortium or a joint venture the Form of Tender shall be signed by a person who is duly authorized by each member or participant thereof or by authorized signatory of each member. Signatures on the Form of Tender shall be witnessed and dated. Copies of relevant powers of attorney shall be attached.

C4. Not Used.

C5. Not Used

C6. Tenderer's Technical Proposals

- C6.1** The Tenderer shall submit as **Appendix-28** of Form of Tender to form part of its Tender, the Contractor's Technical Proposals as described in **Annexure-03** of Instructions to Tenderer.

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C6.2 The Tenderer shall be required to amplify, explain and develop the GC's Technical Proposals in substantially greater detail during the tender evaluation period such that they may be confirmed as complying clearly with the Employer's Requirements and, in accordance with paragraph B4.2 herein, can be incorporated into the Contract. Only those aspects of the GC's Technical Proposal that the Employer (at his sole discretion) considers clearly conforming, will form part of the Contract.

C7. Consultant

C7.1 The Tenderer should note the requirements and obligations contained in Clause 3 of GCC.

C8. Not used

C9. Not Used

C10. Payment Schedule:

The payment for items given in Volume 4 "Financial Proposal" shall be made on the basis of actual man-month deployment of key staff for remuneration and actual execution reimbursable item .

C11. Sub-Contracts

C11.1 Deleted.

C11.2 Deleted.

C12. Staffing Schedule and Related Details

C12.1 The Tenderer shall submit with his Tender (**Appendix-4** of Form of Tender) a staffing schedule containing the names, qualifications, professional experience and corporate affiliation of all proposed personnel and experts of this work as required in Figure-1 of clause 1.1.3.2.1 of NIT & **Annexure-01** of ITT. Details shall be included for all such personnel whether directly employed or engaged on a consultancy. The submission shall include a provisional management structure and organization chart showing areas of responsibility, relative seniorities and lines of reporting. The proposed staffing plan shall be in conformity with the **Annexure-01** of ITT and Figure-1 of NIT.

C12.2 The Tenderer shall include in his proposal the name and qualifications of all the Project key staff mentioned in annexure 1 of ITT and Attachment -1 of Scope of work appended in this tender document.

C12.3 Not Used.

C13. Not Used

C14. Not Used

C15. Pricing Document

C15.1 The Pricing Document is included in Bill of Quantities/Pricing Document; Volume 4.

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The Tenderer shall complete the Pricing Document in accordance with the instructions given in Bill of Quantity/Pricing Document. The completed Pricing Document including price of minor deviations in Annexure 11A BOQ/Pricing document for such deviation as mentioned in **Appendix 11** of FOT shall be submitted.

C15.2 The price of each such minor deviation will be the price which the tenderer agrees to offer to the employer from his quoted offer in BOQ if deviation is agreed by the employer. Any such deviation without a price shall not be considered and will be treated as withdrawn by the tenderer. Any other deviation mentioned anywhere in the submission other than in **Appendix- 11** of FOT shall be considered as if mentioned inadvertently by the tenderer and shall be considered as withdrawn without any confirmation from the tenderer.

C15.3

C16. Currencies of Tender

C16.1 The tenderer shall give his priced offer in Indian Rupees only.

C17. Tender Validity

The Tender 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 latest Date of Submission of Tenders. In exceptional circumstances, prior to expiry of the original tender validity period, the Employer may request that the Tenderers extend the period of validity for a specified additional period. The request and the responses thereto shall be made in writing or by facsimile. A Tenderer may refuse the request without forfeiting his Tender Security. A Tenderer agreeing to the request will not be required or permitted to modify his tender, but will be required to extend the validity of his Tender Security for the period of the extension.

C18. Tender Security/ Earnest Money Deposite (EMD)

C18.1 The Tenderer shall submit with his Tender a Tender Security for the sum mentioned in NIT in any one of the following forms:

- (a) Demand Draft / Pay Order / Bank Draft/ NEFT/ RTGS in favour of Noida Metro Rail Corporation Ltd. payable at Noida, Greater Nodia or New Delhi from a Scheduled Commercial bank based in India.

Any deviation in Bid security with regard to amount, validity and format shall be considered as material deviation and bid shall be dealt accordingly.

In case of JV/Consortium the bid security shall be in the name of JV/Consortium and not the individual member(s). However, there may be more than one BGs, but all must be in the name of the JV/Consortium.

C18.2 The copy of document of Tender Security submission is to be submitted along with the e-Tender Submission as per clause C18.1 (a). If an acceptable Tender Security is not submitted by a tenderer as mentioned above, then tender(s) of such

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tenderer(s) shall be rejected considering it as non-responsive and their technical package shall not be opened and if opened then it will NOT be evaluated.

C18.3 The Tender Security of the successful Tenderer shall be returned upon the execution of the Contract and on the receipt by the Employer of the Performance Security in accordance with Sub-Clause 3.13 of the GCC.

C18.4 The Tender Security of tenderers who fail in technical evaluation shall be returned after opening of financial package. The Tender Security of the unsuccessful tenderers in financial package shall be released after issue of Letter of Acceptance (LOA) to successful tenderer or finalization of tender.

C18.5 The Tender Security shall be forfeited:

- (a) if the Tenderer withdraws his Tender during the period of Tender validity; or
- (b) if the Tenderer does not accept the correction of his Tender price, pursuant to Sub-paragraph E 5.2 below;
- (c) if the successful Tenderer refuses or neglects to execute the Contract or fails to furnish the required Performance Security within the time specified by the Employer.

C19. Performance Guarantee, Obligations and Warranties

Please refer Clause 3 of GCC.

C20. Personnel

The Tenderer's attention is especially drawn to Clause 6,8 & 10 of the GCC, Clause 1.1.3.2.1 of NIT and Annexure-01 of ITT in relation to the responsibility of the GC for arranging personnel for the required duration of the project to the satisfaction of NMRC.

C21. Not Used

C22. Insurance

The Tenderer's attention is drawn to the provisions contained in Clause 39 of the General Conditions of Contract.

C23. Tender Index

The Tenderer shall include with his Tender an index which cross refers all of the Employer's tender requirements elaborated in these documents to all the individual sections within "Contract NGNEGC": Technical Package and "Contract NGNEGC": Financial Package, which the Tenderer intends to be the responses to each and every one of those requirements.

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C24 Pre-Tender Meeting

C24.1 A Pre-Tender meeting shall be held on the date and location given in the Key details of NIT.

C24.2 The purpose of the meeting will be to clarify issues and to answer questions on any matter that matter that may be raised at that stage.

C24.3 The tenderer is requested to submit any question in writing or by facsimile, to reach the Employer not later than the last date of seeking clarification as mentioned in key details of NIT.

C24.4 The text of the questions raised by all the tenderer and the responses given will be transmitted without delay to all purchasers of the Tender Documents. Any modification of the Tender Documents listed in paragraph B4 which may become necessary as a result of the Pre-Tender meeting shall be made by the Employer exclusively through the issue of an Addendum pursuant to paragraph B4.

C24.5 Non-attendance at the Pre-Tender meeting will not be a cause for disqualification of a Tenderer.

C25 Format and Signing of Tender

C25.1 The Tenderer shall prepare and submit their tender comprising of (but not limited to) documents described in paragraph C2 of these Instructions.

The tenderer shall ensure that the whole tender submission shall be digitally signed by a person duly authorized to sign on behalf of the Tenderer.

The Tender shall contain no alterations, omissions or additions, except those to comply with instructions issued by the Employer, or as necessary to correct errors made by the Tenderer.

C25.2 All documents which are to be submitted as scanned documents shall be typed or written in indelible ink (in the case of copies, legible photocopies are also acceptable and all the pages shall be signed by a person or persons duly authorized to sign on behalf of the Tenderer before scanning and uploading (in .pdf / .jpg / .jpeg format), pursuant to sub-paragraphs A4.1, as the case may be. All pages of the Tender, where entries or amendments have been made, shall be initialed and dated by the person or persons signing the Tender.

C25.3 Documents submitted in Tender submission shall contain no alterations, omissions or additions, except those to comply with instructions issued by the Employer, or as necessary to correct errors made by the Tenderer, in which case such corrections shall be initialed and dated by the person or persons signing the Tender before scanning and uploading/submitting.

C26 Pricing of Conditions, Qualifications, Deviations etc.

C26.1 The tenderer should submit his tender that conforms to the tender documents without material deviation(s) or reservation(s). Where, however, the tenderer gives

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his offer subject to certain conditions, qualifications, deviations etc., the tenderer shall provide such details in the format prescribed in **Appendix-11 of FOT** and price schedule for unqualified withdrawal corresponding these deviation(s) shall separately be furnished in the format prescribed in **Annexure-11A of BOQ / Pricing Document**. Tenders not accompanied by such price schedule shall be considered as deviation(s)/conditions are withdrawn.

C26.2 Tenderers shall note that except for deviation(s) listed in **Appendix-11 of FOT** of FOT, the tender shall be deemed to comply with all requirements in the tender documents without any extra cost to the Employer irrespective of any mention to contrary, anywhere else in the tender document.

D. Submission of Tenders

D1 Tender Submission

The tenderer shall submit their tender on-line on e-tendering website <http://etender.up.nic.in>.

D1.1 Transaction Receipts of 'Tender Security' and 'Cost of Tender Document' shall be submitted along with the e-bid submission

D1.2 'Tender Security / EMD' submitted after due date and time shall not be accepted and online tenders of such tenderers shall liable to be rejected summarily.

D1.3 NMRC will not be responsible for delay, loss or non-receipt of 'Tender Security / EMD' sent by post / courier.

D1.4 NMRC shall not be responsible for 'Tender Security' and 'Cost of Tender Document' delivered to any other place / person in NMRC (like Tapal / DAK section etc.) other than the designated officer and does not reach the designated officer before the dead line for submission.

D1.5 The Employer may, at his discretion, extend the deadline for submission of tenders by issuing an amendment, in which case all rights and obligations of the Employer and the Tenderer previously subject to the original deadline will thereafter be subject to the deadline as extended.

D2 Late Tenders

D2.1 Tenders have to be submitted online on e-tendering website <https://eprocure.gov.in/eprocure/app>. It shall be the responsibility of the bidder / tenderer to ensure that his tender is submitted on e-tendering website of NMRC before the deadline of submission prescribed in NIT.

D2.2 Submission of Tenders shall be closed on e-tendering website of NMRC at the date & time of submission prescribed in NIT after which no tender shall be accepted

D2.3 It shall be the responsibility of the bidder / tenderer to ensure that his tender is

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submitted online on e-tendering website <https://eprocure.gov.in/eprocure/app> before the deadline of submission. NMRC will not be responsible for non-receipt of tender documents due to any delay and/or loss etc.

D2.4 The Employer may, at his discretion, extend the deadline for submission of tenders by issuing an amendment, in which case all rights and obligations of the Employer and the Tenderer previously subject to the original deadline will thereafter be subject to the deadline as extended.

D3 Modification, Substitution and Withdrawal of Tenders

D3.1 Except where expressly permitted by these Instructions, the Tenderer shall not make or cause to be made any alteration, erasure or obliteration to the text of the documents prepared by the Employer and submitted by the Tenderer with or as part of his Tender.

D3.2 No Tender shall be allowed to be modified by the Tenderer after the deadline for submission of Tenders.

D3.3 The Tender submitted online will be taken as a final bid.

D3.4 Withdrawal of a Tender during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Tender shall result in the forfeiture of the Tender Security.

E.1 Tender Opening and Evaluation E1 Tender Opening

E1.1 Tenders for which an acceptable notice of withdrawal has been submitted pursuant to paragraph D-3 shall not be opened.

E1.2 (a) Envelopes containing 'Tender Security' and 'Cost of Tender Documents' will be opened first. On opening of the same, NMRC will first check the details of tender cost and tender security submitted by the tenderer online and cross verify the same with the hard copy submitted.

(b) Tenders of those tenderers who have not submitted 'Tender Security' and 'Cost of Tender Documents' shall not be opened.

(c) Tenders of those tenderers who have not submitted valid 'Tender Security' and valid 'Cost of Tender Documents' shall be considered as non-responsive and liable to be rejected summarily.

E1.3 The Technical Package of all tenderers who have submitted a valid tender security and cost of tender document shall be opened in the presence of representatives of tenderers who choose to attend on date & time as mentioned in tender document in the office of the **General Manager project/NMRC**. Tenderers may visit NMRC e-procurement web-site to know latest Technical Opening information after completion

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of opening process. Tenderers can also see the Technical Sheets (check-list) of other tenderers after completion of opening process by logging into the web-site. If such nominated date for opening of Tender is subsequently declared as a Public Holiday by the Employer, the next official working day shall be deemed as the date of opening of Technical Package. The Tender of any tenderer who has not complied with one or more of the foregoing instructions may not be considered.

E1.4 The tenderers name, details of the tender security and such other details as the Employer or his authorized representative, at his discretion, may consider appropriate will be announced at the time of tender opening.

E1.5 The Financial Package(s) which tenderer(s) have uploaded online will be opened on a subsequent date after evaluation of technical packages. Financial packages of only those tenderers whose submissions are found substantially responsive and technically compliant as per clause E4 of ITT will be opened. The time of opening of financial package shall be informed through website only. Tender can visit to NMRC e-procurement website for further information.

E2. Confidentiality of Tender Information and Copyright

E2.1 Except the public opening of tenders, information relating to the examination, clarification, evaluation and comparison of tenders and recommendations concerning the award of Contract shall not be disclosed to tenderers or other persons not officially concerned with such process.

E2.2. Any effort by a tenderer to influence the Employer/Engineer in the process of examination, clarification, evaluation and comparison of tenders and in decisions concerning award of contract, may result in the rejection of the tenderer's tender.

E3 Clarification of Tenders

To assist in the examination, evaluation and comparison of tenders, the Employer may, at his discretion, ask any tenderer for clarification of his tender, including breakdown of unit rates. The request for clarification and the response shall be in writing or by facsimile, but no change in the price or substance of the tender shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the tenders in accordance with paragraph E5.

E4 Evaluation of Tenders

Tender Security and Technical packages will first be evaluated which will cover following items: -

E4.1 General

E4.1 General Evaluation: First of all, it will be determined whether each tender is accompanied with the valid tender security i.e. the required amount and in an

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acceptable form. Tenders not accompanied with the valid tender security shall be rejected and may not be evaluated further. Other aspects of general evaluation will be done as per Clause 1.1.3 of NIT and clauses A4.1, A4.2, A4.3, A4.4, A4.4, A4.5 A4.6 and A5 of ITT.

E4.2 Evaluation of minimum eligibility criteria – This evaluation will be done to check if the tenderer qualifies the minimum eligibility criteria of “work experience”, “Financial standing” as laid down in Clause 1.1.3.2 of NIT and “Bid Capacity” criteria as laid down in Clause 1.1.3.3 of NIT. Tenderers, which do not qualify in any of the minimum eligibility criteria or bid capacity criteria, shall not be considered for further evaluation and shall be rejected.

E4.3 Evaluation of Responsiveness

The employer will determine whether each tender is substantially responsive to the requirements of the Tender Documents i.e. it conforms to all terms, conditions and specifications of the tender document. In case of any inconformity, the tender shall be disqualified and rejected.

E4.4 Evaluation of Material deviation or reservation

- a. Each tender shall be evaluated for any material deviation or reservation. Material deviation or reservation is one:
- b. which contains unauthorized changes to the Memorandum of Understanding from the Memorandum of Understanding accepted for Pre-qualification (Applicable in case of pre-qualified tenders only); or
- c. which contains any deviation in tender security with regards to amount, validity, form and format.
- d. which affects in any substantial way, the scope, quality or performance of the Works;
- e. which limits in any substantial way, is inconsistent with the Tender Documents, the Employer’s right or the Tenderer’s obligations under the Contract; or
- f. whose rectification would affect unfairly the competitive position of other tenderers presenting responsive tenders.
- g. Tender having any material deviation or reservation shall be disqualified and rejected.

E4.5 Evaluation of qualifying conditions

A tender containing any qualification which

- a. seek to shift to the Employer, another Government Agency or another contractor all or part of the risk and/or liability allocated to the contractor in the Tender Documents; or
- b. include a deviation from the Tender Documents which would render the Works, or any part thereof, unfit for their intended purpose; or
- c. fail to submit a workable methodology and programme to suit the local conditions; or
- d. fail to commit to the date specified for the completion of the Works, will be deemed non- conforming and shall be rejected.

E4.6 Evaluation of Technical Proposal & other technical data:

E4.6.1 The Employer will evaluate the technical suitability and acceptability of the proposals as per the employer's requirements. The evaluation shall be based on the documents submitted as per clause C-2.2 & C-2.3 and tender security as per clause C-18.1 & 18.2. Tenderer(s) may be asked to make a presentation of their proposal to NMRC team for evaluation

E4.6.2 Where a tenderer's technical submittal has major inadequacies his tender will be considered to be non-compliant and will be rejected.

E4.7 Tenders not considered substantially responsive and not full-filling the requirements of the tender document as evaluated as per item E4.1 to E4.6 shall be rejected by Employer and shall not be allowed subsequently to be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

E4.8 If any tender is rejected, pursuant to paragraph E4.7 above, the Financial Package of such tenderer shall not be opened.

E4.9 The decision of the Employer as to which of the tenders are not substantially responsive shall be final.

E4.10 Evaluation of Technical Proposal –

The evaluation committee shall evaluate the Technical Proposals on the basis of their responsiveness to the bid document, applying to –

(a) **First Stage** – Minimum Requirement for Eligibility as per 1.1.3.2 & 1.1.3.3 of NIT.

(b) **Second Stage** - Technical Evaluation as specified in the Evaluation Criteria – Annexure-01 of ITT.

- a. Each responsive and qualified Technical Proposal will be given a technical score (St). The proposal with the highest technical marks (as allotted by the evaluation committee) shall be given a score of 100 (Hundred) and other proposals be given technical score that are proportional to their marks w.r.t. the highest technical marks. Details of calculation for Technical Score (St) is given in the Annexure-01 of ITT - Evaluation and Qualification criteria. The minimum technical score (St) is required to qualify is 70%. A Proposal shall be rejected if it does not respond to important aspects of the bid document, and particularly the scope of work.
- b. A Proposal shall be rejected at this stage if it is determined to be non-responsive to the key aspects of the bid document, particularly the scope of work or if it fails to achieve the minimum Technical Score, and their financial proposal will not be opened.

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- c. After the technical evaluation is completed, the employer will notify those bidders whose Proposals did not meet the minimum qualifying mark or were considered non-responsive to the bid document. Their financial proposal on eprocurement portal will not be opened.
- d. The employer shall simultaneously notify in writing to bidder who have secured the minimum qualifying mark, informing them of the technical scores obtained by their Technical Proposals, and indicating the date, time and location for opening the Financial Proposals. The expected date for the public opening of the Financial Proposals is indicated in the Data Sheet; the opening date should allow bidder sufficient time to make arrangements for attending the opening. Bidder's attendance at the opening of Financial Proposals is optional.

E4.11 Public Opening of Financial Proposals

Financial Proposals shall be opened in the presence of the Bidders' representatives who choose to attend. The name of the Bidders; and the technical scores of the Bidders shall be read aloud. The Financial Proposal of the Bidders who met the minimum qualifying mark shall be then opened.

E5. Evaluation of Financial Proposals

E5.1 All technically acceptable and qualified tenders as per E4.10 will be eligible for opening of their financial proposals.

E5.1.1 The evaluation of financial proposals by the Employer will take into account, in addition to the tender amounts, the following factors: –

- (a) Arithmetical errors corrected by the Employer
- (b) Such other factors of administrative nature as the Employer may consider having potentially significant impact on contract execution, price and payments, including the effect of items or unit rates that are unbalanced or unrealistically priced.

E5.1.2 Offers, deviations and other factors, which are in excess of the requirements of the tender documents or otherwise will result in the accrual of unsolicited benefits to the Employer, shall not be taken into account in tender evaluation.

E5.1.3 Price adjustment provisions applicable during the period of execution of the contract shall not be taken into account in tender evaluation.

E5.1.4 Evaluation of financial offer will be based on rates/overall amount quoted in the Bill of quantities (BOQ)/Pricing Document. Any alteration in BOQ will not be given any cognizance.

E5.1.5 The lowest quoted Financial Proposal will receive the maximum score of 100 marks. The score for each other Financial Proposal is inversely proportional to its quoted amount and will be computed as follows:

$$Sf = 100 \times Fm / F$$

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where:

Sf is the financial score of the Financial Proposal being evaluated,

Fm is the lowest-quoted Financial proposal

F is the quoted Financial Proposal under consideration

Following completion of evaluation of Technical and Financial Proposals, final ranking of the Proposals will be determined. This will be done by applying a weight "Quality-Cost Ratio: 80:20" respectively to the relative technical score (St) and financial score (Sf) of each evaluated qualifying Technical and Financial Proposal and then computing the relevant combined total score for each bidder as herein Combined Score

$$(Ts) = St \times 0.8 + Sf \times 0.2$$

where,

Ts: Total Score

St: relative Technical Score

Sf: Financial Score

E5.1.2 The evaluation of Financial Proposals by the Employer will take into account, in addition to the tender amounts, the following factors:

- a. Arithmetical errors corrected by the Employer
- b. Such other factors of administrative nature as the Employer may consider to have potentially significant impact on contract execution, price and payments, including the effect of items or unit rates that are unbalanced or unrealistically priced.

E5.1.3 Offers, deviations and other factors, which are in excess of the requirements of the tender documents or otherwise will result in the accrual of unsolicited benefits to the Employer, shall not be taken into account in tender evaluation.

E5.1.4 Price adjustment provisions applicable during the period of execution of the contract shall not be taken into account in tender evaluation.

E5.2 Correction of Errors

E5.2.1 Tenders determined to be technically acceptable after technical evaluation will be checked by the Employer for any arithmetical errors in computation and summation during financial evaluation. Errors will be corrected by the Employer as follows:

- a. Where there is a discrepancy between amounts in figures and in words, the amount in words will govern; and
- b. Where there is a discrepancy between the unit price and the total amount derived from the multiplication of the unit price and the quantity, the unit price as quoted will normally govern unless in the opinion of the Employer there is an obviously gross misplacement of the decimal point in the unit price, in which event, the total amount as quoted will govern.

E5.2.2 If a Tenderer does not accept the correction of errors as outlined above, his tender

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will be rejected and the tender security forfeited.

E5.3 Comparison of Tenders

Tenders will be compared in Indian Rupees (INR) only. This will be achieved by converting the Foreign Currency portion into Rupees at the selling Rate of Exchange at the close of business of the State Bank of India on the day twenty-eight days before the latest date of Tender Submittal, and then adding the same to the Rupee portion of the Tender.

E5.4 If any change in the Employer's Requirements is considered necessary during technical evaluation, the tenderers who meet the requirements of paragraph A3 and A5, and whose technical offers are found to be substantially responsive in accordance with paragraph E4, will be given an opportunity to revise their financial package.

E5.5 For the purpose of comparative evaluation of tenders received, the sum total of following shall be considered: -

The total amount worked out from the rates quoted by the tenderer for Schedule A,B,C,D,E & F of BOQ converted to Indian rupee(if required) as per tender provision.

E5.6 If the lowest tenderer as evaluated as per E5.5 has given some minor deviations then the Employer has right to accept some or all such minor deviation and the offer of the lowest will be reduced by the price of such accepted deviations.

E5.7 The Employer reserves the right to accept or reject any variation, deviation or alternative offer. Variations, deviations, alternative offers and other factors which are in excess of the requirements of the Tender Documents or otherwise result in the accrual of unsolicited benefits to the Employer shall not be taken into account in tender evaluation.

E6 Comparison of Bids

E6.1 The Employer shall compare the substantially responsive bids established in accordance with E5 to determine the total score of each bid and highest total score.

E7 Qualification of the Bidder

E7.1 The Employer shall determine to its satisfaction whether the Bidder that is selected as having submitted the bid with highest total score and substantially responsive bid either continues to meet the qualifying criteria specified in the NIT and Annexure-01 of ITT.

E7.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to clause 1.1.3.2.A's Notes – point (h).

E8 Employer's Right to Accept Any Bid, and to Reject Any or All Bids

E8.1 The Employer reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders. In case of annulment, all bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.

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E9. Indigenization

E9.1 Tenderers are encouraged to involve domestic firms in the Contract Organization and design processes.

F Award of Contract

F1 Award

F1.1 Subject to paragraph F2, the Employer will award the Contract to the Tenderer whose Tender has been determined to be substantially responsive and compliant to the requirements contained in the Tender Documents as per paragraph E4 and who has been determined to score Highest Total Score as per paragraph E5, is considered to be acceptable for H-1

F2 Employer's Right to Accept any Tender and to Reject any or all Tenders

F2.1 The Employer is not bound to accept the Tender with Highest Score or any tender and may at any time by notice in writing to the Tenderers terminate the tendering process.

F2.2 The Tenderer should note in particular that without prejudice to the Employer's other rights under the Contract and the Tender Security, the Employer may terminate the Contract under Clause 3.2 of the GCC in the event that the Tender is accepted but the Tenderer fails to supply the Performance Security or other specified documents or fails to execute the Contract Agreement as per clause F4.

F3 Notification of Award

F3.1 Prior to the expiry of the period of tender validity prescribed by the Employer, the Employer will notify the successful Tenderer in writing that his tender has been accepted. This letter (hereinafter and in the Conditions of Contract called 'the Letter of Acceptance') shall name the sum which the Employer will pay to the Consultant in consideration of the consultancy works by the Consultant as prescribed by the Contract (hereinafter and in the conditions of Contract called 'the Contract Price'). The "Letter of Acceptance" will be issued under signature of **General Manager(Project)/NMRC**. The "Letter of acceptance" will be sent in duplicate to the successful Tenderer, who will return one copy to the Employer duly acknowledged and signed by the authorized signatory, within one week of receipt of the same by him. No correspondence will be entertained by the Employer from the unsuccessful Tenderers.

F3.2 The Letter of Acceptance will constitute a part of the contract.

F3.3 Upon "Letter of acceptance" being signed and returned by the successful Tenderer as per Clause F3.1, the employer will promptly notify the unsuccessful Tenderers and discharge / return their tender securities.

F4 Signing of Agreement

The Tenderer should note that in the event of acceptance of the Tender, the

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Tenderer will be required to execute the Contract Agreement in the form specified in Special Conditions of Contract with such modifications as may be considered necessary at the time of finalization of the contract with in a period of 30 days of submission of Performance Security or 60 days from the date of issue of the Letter of Acceptance whichever is later.

F5 Performance Security

F5.1 The Performance Security will be **5%** of the Contract Price. The Performance Security shall be furnished to the Employer within 30 (thirty) days of receipt of the Letter of Acceptance/Award.

The required Performance Security for the sum mentioned above may be submitted in any one of the following forms:

- a) Bank draft/Demand Draft/RTGS/NEFT in favour of "Noida Metro Rail Corporation Ltd.", payable at "Noida/ Greater Noida/ Delhi" from a Scheduled Commercial Bank based in India, or
- b) Irrevocable bank guarantee in the prescribed format, given in Contract Forms (Volume-2), issued by a Scheduled Commercial Bank based in India or from a branch in India of a Scheduled foreign bank.

A/c No 37707840592

State Bank of India (SBI)

Sector 18, Noida, Gautam Budh Nagar, Uttar Pradesh - 201301

IFSC Code; SBIN0004077

In case of joint venture/consortium, the Performance Security submitted by lead member only will be accepted. The Performance Guarantee should be valid for a period of 06 (six) months beyond the Defect Liability Period according to clause 3.13 of GCC. The bank guarantee shall also have a claim period of not less than six (06) months from the date of expiry of PBG, during which NMRC shall be intitled to invoke the same

The Performance Bank Guarantee as above shall be encashable in any branch of the Issuing Bank located in Delhi, Noida or Greater Noida region only.

F5.2 The Tenderer has to furnish other Guarantees, Undertakings, and Warranties, in accordance with the provisions of the General Conditions of Contract and Special Conditions of Contract.

F5.3 Failure of the successful Tenderer to comply with the requirements of paragraphs F4 and F5 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Tender Security.

Annexure-01 of ITT – Evaluation and Qualification Criteria

1. Evaluation Process based on Quality & Cost Based System (QCBS)

- a) The Employer will carry out technical evaluation of proposals on the basis of their responsiveness to the bid document, applying the evaluation criteria, sub-criteria, and weightages/ point system specified in the bid document. Each responsive Proposal will be given absolute technical score (Ta).
- b) Evaluation in this section shall be carried out only for those Bidders who have qualified the Minimum Eligibility Criteria in 1.1.3.2 & 1.1.3.3 of NIT. Bidders who do not qualify the Minimum Eligibility Criteria will not be invited for the presentation to NMRC, as mentioned below in Table 4.
- c) The qualified bidders will be evaluated and awarded marks as per the marking system specified in this tender document. Each responsive proposal shall be attributed relative Technical Score (St).
- d) A Proposal shall be rejected at this stage if it does not respond to important aspects of the bid document, and particularly the scope of work or if it fails to achieve the minimum absolute technical score (Ta) of 70% (i.e. 560 marks out of 800 marks). However, if the number of such shortlisted bidders is less than two, then NMRC may, in its sole discretion, pre-qualify the next bidder (2nd in QCBS evaluation) whose technical score is less than 70%.
- e) In this section, Stage-I (Technical Evaluation) carries weightage of 80 %, Stage-II (Financial Evaluation) carries weightage of 20 % and the Bidder with the Highest (H1) 'Total Score' calculated in Stage-III(Final Evaluation), shall be qualified for award of work.
- f) Offers, deviations, and other factors that are more than the requirements of the RFP documents or will otherwise result in the accrual of unsolicited benefits to the Employer shall not be considered in the Bid evaluation.
- g) The Evaluation Committee will determine whether the submitted Financial Proposals are complete (i.e. whether they have quoted rates for all schedules/sub-schedules of the BoQ) and without any computational error.

2. First Stage: Technical Evaluation (Maximum Marks = 800)

The Technical Proposals are given an absolute technical score (Ta out of maximum 800) based on the evaluation criteria .However, to normalize this w.r.t. Financial Score Sf below, a relative Technical Score (St) based on their relative ranking shall be calculated. The highest evaluated absolute Technical Score (Ta-max) is assigned the maximum relative Technical Score (St) of 100 (Hundred). The formula for determining the relative Technical scores (St) of all other Proposals is as follows:

$$St = 100 \times Ta / Ta-max$$

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where,

"St" is the relative Technical score calculated,

"Ta-max" is the highest evaluated absolute Technical Score,

"Ta" is the absolute Technical Score of the proposal under consideration

The purpose of the Mark system is to be able to put the Bidder into a "pecking order" of capability. As much as possible criteria, for awarding Marks have been laid down based on the assignment requirement.

Sr. No.	Criteria	Maximum Marks Assigned	Refer Form
1	Consultancy Organization and Firm's Experience (Single entity or consortium/JV)	300	
2	Work plan and Methodology adopted/to be adopted etc.	100	
3	Qualifications, experience and competence of the Key Staff to be deployed for the Assignment	300	
4	Presentation on Understanding of Project Scope and complexity, Understanding of Project specific Schedule and Time Management, Understanding of Project specific Cost Management and Value Engineering	100	
	Maximum Technical Marks	800	

3. Second Stage: Financial Evaluation (Maximum Marks = 200)

The bidders who have secured the minimum qualifying marks in the technical evaluation will be informed by e-mail the date and time of opening their financial proposals, with a request to them to attend the same. Financial Proposals shall be opened in the presence of the bidders' representatives who choose to attend.

The evaluation committee appointed by employer will carry out financial evaluation. The Financial Proposals are given cost-score based on the relative ranking of prices, with the lowest evaluated Financial Proposal (Fm) being assigned the maximum financial score (Sf) of 100 (Hundred). The score for each other Financial Proposal is inversely proportional to its price. The formula for determining the financial scores (Sf) of all other Proposals is as follows:

$$\mathbf{Sf = 100 \times Fm / F}$$

Where:

Sf" is the financial score of the Financial Proposal being evaluated

"Fm" is the lowest price quoted in the Financial Bid

"F" is the price quoted in the Financial Bid under consideration

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4. Third stage : Combined and Final Evaluation

Final evaluation will be based on the combined score obtained by each bidder and shall be ranked highest to lowest in accordance with their total scores obtained. The bidder who obtains the maximum total score would be ranked highest and the one who obtains the lowest score would be ranked lowest. The Total Score (Ts) of each bidder will be obtained by adding Technical Score (St) and Financial Score (Sf) as under:

Total Score (Ts) shall be calculated as under:

$$(Ts) = St \times 0.8 + Sf \times 0.2$$

where:

Ts: Total Score

St: Relative Technical Score

Sf: Financial Score

All scores shall be calculated up to two decimal places only.

The proposal obtaining the highest total combined score in evaluation of quality and cost will be ranked as H-1 followed by the proposals securing lesser marks as H-2, H-3 etc. The proposal securing the highest combined marks and ranked H-1 will be invited for negotiations, if required and shall be recommended for award of contract. In the event two or more bids have the same score in final ranking, the bid with highest technical score will be H-1.

The 'Total Scores' shall be calculated and the Bidder with the Highest 'Total Combined Score' shall be qualified for award of work.

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5. Marking and Scoring System

TABLE-1: Consultancy Organization and Firm's Experience (Maximum Marks = 300)

S.No	Particular's	Scoring Methodology			
		100 %	75 %	50 %	Remarks
1.	Consultant Organization (Number of years in business) (In the case of JV/Consortium, the credentials of partner having highest no. of years after the Establishment will be considered and marks will be assigned accordingly) Max Marks – 50	15 & above years	11-14 years	8-10 years	date of certificate of Incorporation/ Statutory Registration Certificate or any other Statutory document to be submitted by bidder
2.	Experience of the consultant Max Marks-250				
2.1	Length of One large GC/ PMC elevated/underground MRTS/RRTS projects completed in past 7 years (single contract), Max Marks – 100 marks	=>10 KM	=>8 KM	=>5 KM	Client certificates along with completion of CMRS or the date of operation of line
2.2	GC/ PMC MRTS/RRTS projects completed in last 7 years / (fee more than 32 INR crores) will be escalated to the date 31.03.2025 (Numbers) Max Marks – 100 marks	5 & above	4-3	1-2	Client certificates along with completion of CMRS or the date of operation of line
2.3	Relevant elevated/underground MRTS/RRTS Projects (Cumulative Length) in	50 km	40 km	30 km	Client certificate

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	last 7 years, Max Marks -50 marks				
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- Credential of tender as single entity, any substantial member of JV or substantial member of JV together will be considered for QCBS marking

TABLE-2: Work plan and Methodology adopted/to be adopted etc (Maximum Marks = 100)

Methodology, TOR Understanding, Work Plan	Max Marks- 100	Remarks
TOR understanding proposal approach, adequacy of meeting all requirement	25	Refer below evaluation requirement
Innovative PMC execution techniques, use of tools and processes	25	Refer below evaluation requirement
Data Handover , archiving methodology, tools and process	20	Refer below evaluation requirement
Work Plan	15	Refer below evaluation requirement
Organization and staffing	15	Refer below evaluation requirement

The applicant has to explain his experience of executing the GC work in other metro specifically for the work submitted in metro turnover, the lessons learnt & invention for timely completion and what process they are proposing for completion of the current metro project. How they ensured interface between DDC, documentation, reporting to funding agencies, problem solving skills they adopted for supervision team and periodical upgradation of supervision team, vendor registration process & new item. Apart from demonstrating experience in other metro projects, the bidder should present a plan on how the metro Noida project shall be executed (e.g. work plan differentiated by phases and showing milestones; personnel structure; internal processes; task overview, distribution and sequence; engagement with other consultants/stakeholders, etc.). Bidder should further raise critical points (if any) with respect to the assignment and elaborate on potential risks and mitigation measures for the execution of the assignment/timely completion and Innovative PMC execution techniques, use of tools and processes.

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ToR Understanding Marking Criteria				
	Excellent	Good	Average	Below Average
	100%	75%	50%	25%
i.TOR understanding Proposal approach, adequacy of meeting all requirement (Max 25 Marks)	The Consultant properly understands the current situation, draws attention to all main issues related to the assignment and raises other important issues that have not been considered in TOR. The proposal details ways to solve all issues by using state-of-the-art and Innovative methodology	The Consultant properly understands the current situation and the main issues of the project. The approach and methodology to solve the issues are discussed in detail	The Consultant understands the requirement indicated in TOR. The approach and methodology to solve the issues are consistent. However, the approach and methodology are standard and not discussed in detail or not specifically tailored to the assignment	The Consultant does not have a proper understanding of TOR and the issues are not appropriately discussed. The approach and methodology do not have consistency and are inappropriately or poorly presented.
ii. Innovative PMC execution techniques, use of tools and processes (Max 25 Marks)	Has demonstrated use of digital tools, reporting dashboards or template to ensure adequate, proper and quality work execution. With adequate licenses and trained manpower.	Has demonstrated Use of Software (SW) tools for PMC project execution for reporting, But lacking dashboard.	Has Demonstrated Standard templates and checklists demonstrated for PMC work execution and reporting but lacking SW tools for PMC execution.	Approach is not standardized and lacks standard process, templates.

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ToR Understanding Marking Criteria				
	Excellent	Good	Average	Below Average
	100%	75%	50%	25%
iii. Data Handover, Archiving Methodology, tools and process (Max 20 Marks)	<p>Strong and robust Document Cycle Life Management with Transmittal Management</p> <p>Integration with Project Schedule and WBS</p> <p>Well established and advanced Collaboration Common Data Environment for Management of 3D/ Engineering Content, 3D Review, Workspaces, Work in Progress, Object Metadata and Related Document linking.</p> <p>Audit Trails and Role Base access at Project and Document Level with Change and Issue Management</p>	<p>Strong and robust Document Life Cycle Management with Transmittal Management</p> <p>Integration with Project Schedule and WBS</p> <p>Basic level of Digital Collaboration tools exists for engineering activities.</p> <p>Audit Trails and Role Base access at Project and Document Level Change and Issue Management</p>	<p>Basic Document Life Cycle Management with Transmittal Management</p> <p>Integration with Project Schedule and WBS</p> <p>Early adoption of digital collaboration tools for engineering activities</p> <p>Audit trails and role base access at project and document level</p>	<p>Basic Document Life Cycle Management with Transmittal Management</p> <p>Integration with Project Schedule and WBS</p> <p>Digital collaboration is limited or lacking for engineering activities</p> <p>Audit Trails and Role Base access at Project and Document Level</p>

Iv Work plan (Max 15 Marks)

Grade	Percentage rating
Below Average	25%
Average	50%
Good	75%
Excellent	100%

Excellent: In addition to the requirements stated below under "Good", the proposal includes an impressive presentation of the work plan for efficient execution of the assignment. The proposed work plan is consistent with the approach and methodology.

Good: The work plan responds well to the TOR. The timing and duration of all activities are appropriate and consistent with the assignment output, and the interrelation between various activities is realistic and consistent with the proposed approach and methodology.

Average: The work plan responds to the TOR and all required activities are indicated in the activity schedule, but they are not detailed.

Below Average: Some activities required in the TOR are omitted in the work plan or the timing and duration of activities are not appropriate. There are minor inconsistencies between timing, assignment output, and proposed approach and methodology.

V Organization and staffing (Max 15 Marks)

Grade	Percentage rating
Below Average	25%
Average	50%
Good	75%
Excellent	100%

Excellent: In addition to the requirements stated below under "Good", the proposal clearly shows how the Consultant's team will tackle all the requirements of the project as per the approach and methodology.

Good: The organization and staffing fits TOR well. The correlation between the staff and the organization thereof is well represented and has clear links to the approach and methodology and work plan.

Average: The organization and staffing fits TOR well. The correlation between the staff and the organization thereof is well represented and has clear links to the approach and methodology and work plan.

Below Average: Some activities required in TOR are not staffed appropriately. There are minor inconsistencies between the staff and the way they are organized in the team

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TABLE-3: - Qualifications, experience and competence of the Key Staff to be deployed for the Assignment (Max Marks- 300)

Sr. No.	Position	Minimum Requirement in Nos.	Minimum Educational Qualification	Total Experience after Minimum Qualification (years)	Minimum Relevant Experience in Metro/ MRTS/RRTS/ Railway after Minimum Qualification (years)	Man-Month Requirement	Distribution of Marks for acquiring Minimum Post-Qualification Relevant experience after Minimum Qualification (Maximum Marks = 300)
1	Project Director	1	Graduation in Civil engg.	20	10	48	15 years or above of relevant experience - 26
							20 years or above of relevant experience - 30
2	Dy. Project Director	1	Graduation in Civil. Engg.	15	7	48	7 years or above of relevant experience - 22
							15 years or above of relevant experience - 24
3	Structure Expert	1	Graduation in Civil engg. & M.E in Structural Engg.	15	7	48	7 years or above of relevant experience - 16
							15 years or above of relevant experience - 18
4	Sr. Geotechnical Expert	1	Graduation in Civil engg. & M.E in Geotechnical Engg	15	5	12	
5	Sr. Architecture Expert	1	B.Arch	15	5	48	

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Sr. No.	Position	Minimum Requirement in Nos.	Minimum Educational Qualification	Total Experience after Minimum Qualification (years)	Minimum Relevant Experience in Metro/ MRTS/RRTS/ Railway after Minimum Qualification (years)	Man-Month Requirement	Distribution of Marks for acquiring Minimum Post-Qualification Relevant experience after Minimum Qualification (Maximum Marks = 300)
6	Chief Track Expert	1	Graduation in Civil engg.	20	10	36	10 years or above of relevant experience - 20
							20 years or above of relevant experience - 22
7	Sr. Track design Expert	1	Graduation in Civil engg.	15	7	24	
8	Sr. Environmental Expert	1	Graduation in Civil engg./ Environmental engg/ Science	15	5	48	
9	Sr. Social Safeguard expert	1	Master's in social / Anthropology	15	5	12	
10	Sr. Quality assurance expert (civil)	1	Graduation in Civil engg.	15	7	48	7 years or above of relevant experience - 18
							15 years or above of relevant experience - 20
11		1		10	3	48	

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Sr. No.	Position	Minimum Requirement in Nos.	Minimum Educational Qualification	Total Experience after Minimum Qualification (years)	Minimum Relevant Experience in Metro/ MRTS/RRTS/ Railway after Minimum Qualification (years)	Man-Month Requirement	Distribution of Marks for acquiring Minimum Post-Qualification Relevant experience after Minimum Qualification (Maximum Marks = 300)
	Quality assurance expert (civil)		Graduation in Civil engg.				
12	Sr. Quality assurance expert (system)	1	Graduation in Electrical/ E&C /Mechanical	15	7	48	7 years or above of relevant experience - 18 15 years or above of relevant experience – 20
13	Quality assurance expert (system)	1	Graduation in Electrical/ E&C /Mechanical	10	3	48	
14	Sr. Safety Expert	1	PG /Certification in relevant professional field after graduation in Engineering	15	7	48	7 years or above of relevant experience - 16 15 years or above of relevant experience -18
15	Sr. Girder casting and Launching Expert -1	1	Graduation in Civil engg	15	7	36	7 years or above of relevant experience - 18 15 years or above of relevant experience - 20
16		1		10	3	36	

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Sr. No.	Position	Minimum Requirement in Nos.	Minimum Educational Qualification	Total Experience after Minimum Qualification (years)	Minimum Relevant Experience in Metro/ MRTS/RRTS/ Railway after Minimum Qualification (years)	Man-Month Requirement	Distribution of Marks for acquiring Minimum Post-Qualification Relevant experience after Minimum Qualification (Maximum Marks = 300)
	Girder casting and Launching expert		Graduation in Civil engg				
17	Chief E&M Expert	1	Graduation in Electrical/ Mechanical	20	10	36	10 years or above of relevant experience - 20 20 years or above of relevant experience - 22
18	Sr. Illumination , Lifts, Escalator, Fire Expert	1	Graduation in Electrical / Mechanical	15	7	24	
19	Chief Traction distribution, SCADA and MINIC Panel Integration Expert	1	Graduation in Electrical	20	10	24	10 years or above of relevant experience - 18 20 years or above of relevant experience - 20
20	Sr. Traction power expert	1	Graduation in Electrical	15	7	24	
21	Sr. Traction distribution, SCADA and	1	Graduation in Electrical	15	7	24	

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Sr. No.	Position	Minimum Requirement in Nos.	Minimum Educational Qualification	Total Experience after Minimum Qualification (years)	Minimum Relevant Experience in Metro/ MRTS/RRTS/ Railway after Minimum Qualification (years)	Man-Month Requirement	Distribution of Marks for acquiring Minimum Post-Qualification Relevant experience after Minimum Qualification (Maximum Marks = 300)
	MINIC Panel Integration Expert						
22	Chief signalling expert	1	Graduation in Electrical/ E&C	20	10	24	10 years or above of relevant experience - 20
							20 years or above of relevant experience - 22
23	Sr. Signalling expert	1	Graduation in Electrical/ E&C	15	7	24	
24	Sr. Telecom Expert	1	Graduation in E&C	15	7	24	
25	Engineer Telecom	1	Graduation in E&C	5	2	30	
26	Sr. AFC Expert	1	Graduation in E&C	15	7	24	
27	Engineer AFC		Graduation in E&C	5	2	30	
28	Sr. Rolling Stock expert (Electrical)	1	Graduation in Electrical	15	7	24	2 years or above of relevant experience - 18
							5 years or above of relevant experience - 20

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Sr. No.	Position	Minimum Requirement in Nos.	Minimum Educational Qualification	Total Experience after Minimum Qualification (years)	Minimum Relevant Experience in Metro/ MRTS/RRTS/ Railway after Minimum Qualification (years)	Man-Month Requirement	Distribution of Marks for acquiring Minimum Post-Qualification Relevant experience after Minimum Qualification (Maximum Marks = 300)
29	Sr. Rolling Stock expert (Mechanical)	1	Graduation in Mechanical	15	7	24	
30	Chief Testing & commissioning expert	1	Graduation in Electrical/Mechanical / E&C	20	10	18	10 years or above of relevant experience - 20 20 years or above of relevant experience - 22
31	Sr. Testing and commissioning expert	1	Graduation in Electrical/Mechanical / E&C	15	7	18	
32	Sr. Operation & Maintenance Expert (Civil)	1	Graduation in any Engineering	15	7	6	
33	Sr. Operation & Maintenance Expert (traction, telecom, AFC and E&M)	1	Graduation in Electrical/ E&C	15	7	6	
34	Sr. Operation & Maintenance	1		15	7	6	

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Sr. No.	Position	Minimum Requirement in Nos.	Minimum Educational Qualification	Total Experience after Minimum Qualification (years)	Minimum Relevant Experience in Metro/ MRTS/RRTS/ Railway after Minimum Qualification (years)	Man-Month Requirement	Distribution of Marks for acquiring Minimum Post-Qualification Relevant experience after Minimum Qualification (Maximum Marks = 300)
	Expert (Rolling stock, S&T, Depot)		Graduation in Electrical/ Mechanical/ E&C				
35	Chief contract expert	1	Graduation in Engg with PG/MBA in relative field	20	10	48	10 years or above of relevant experience - 20 20 years or above of relevant experience - 22
36	Sr. Planning Manager	1	Graduation in Civil/ Certification on Prima Vera/ MS Project	15	7	48	
37	Planning Manager	1	Graduation in Civil/ Certification on Prima Vera/ MS Project	10	3	48	
38	Asset information Manager & BMS Manager	1	Graduation	10	5	48	
39	Sr system integration	1	Graduation in E&C	15	7	48	

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Sr. No.	Position	Minimum Requirement in Nos.	Minimum Educational Qualification	Total Experience after Minimum Qualification (years)	Minimum Relevant Experience in Metro/ MRTS/RRTS/ Railway after Minimum Qualification (years)	Man-Month Requirement	Distribution of Marks for acquiring Minimum Post-Qualification Relevant experience after Minimum Qualification (Maximum Marks = 300)
40	Project Cordinator	1	Graduation in Civil/E&C/Mech.	15	7	18	

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Note:

1. The Key Positions identified in the shaded rows of Table-3 of the Instructions to Tenderers (ITT) shall be subject to evaluation. Notwithstanding the evaluation criteria, the Consultant shall be obligated to deploy all Key Staff as specified in Volume-04: Pricing Document, in strict accordance with the qualifications and experience requirements set forth in Table-3 of the ITT
2. If the Bidder is unable to make available any of the named key staff whose CVs were submitted and accepted during the bidding process, the Bidder may propose substitute staff, subject to prior approval from Noida Metro Rail Corporation (NMRC). Such substitute staff shall possess equal to or higher requisite qualifications and experience.
3. Key personnel proposed by the bidder must qualify for all minimum requirements stipulated above for its category. In case any of the proposed key personnel by the bidder do not meet the minimum requirements stipulated above for its category, the overall score of such key personnel shall be evaluated as NIL.
4. Relevant Experience for Civil and Systems positions would be experience in metro rail projects/MRTS/RRTS/Railway at same or one level below.
5. CV's are to be submitted as per the position given above.
6. Key Expert with a minimum required experience of 20 years shall not be more than 70 years of age at the time of deployment, and other Key Experts shall not be more than 50 years of age at the time of deployment
7. CV's must be submitted with the consent/declaration of the individual and CV's submitted without the consent of the individual shall not be considered for evaluation and given zero marks.
8. In case of submission of false information, Noida Metro shall enforce all or any of the below three punitive action on its sole discretion.
 - a. Confiscate the bid security amount
 - b. Debar the Consultant for 10 years from participating in the bid of Noida Metro
 - c. Blacklist the individual
9. As a condition to such substitution/replacement, If the key personnel are required to be replaced on the instructions of the Employer, or on its own by the consultant at the time of initial deployment or the key personnel are replaced by the consultant after initial deployment (including the key personnel for whom CV were not required to be submitted along with the proposal), for the reasons other than death, prolonged illness requiring change of physical location which shall be duly certified by a medical practitioner registered with Government Authority, remuneration to the key personnel will be reduced by 5% for each replacement. This reduction shall not be applicable if the replacement is asked by NMRC but if replacement is required due to personnel misconduct, fraud, non-performance then reduction in remuneration is applicable . However in case replacement of the key personnel's happens more than 10% every year, there will be penalty of 0.25% of overall man months payable to the GC.
10. Bidders are required to submit detailed CVs of the proposed key personnel for each of the key positions as per the format given in Appendix-5. The copies of self-attested

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degree certificates must be enclosed with the CV to substantiate the fulfillment of minimum qualifications. The proposed key personnel are also required preferably to submit a service certificate issued by the Employer to substantiate the fulfillment of work experience. In case of any discrepancy found during the bid evaluation process, Noida Metro can verify the said declaration/part of the declaration from the owners of the project. Any such wrong declaration by the personnel found during verifications, Noida Metro has the right to reject such bids.

11. Consultants shall not propose alternative Key Experts. Only one CV shall be submitted for each Key Expert Position.
12. Assignments carried out by the Key Personnel shall be submitted in detail with documents for evaluation.
13. The degree qualification means a full-time degree from a recognized institute. The qualification other than degree shall be supported by the certified document for its equivalency to degree which shall be duly recognized by Govt. of India.

TABLE-4: : Presentation to Noida Metro and Submission of Document: (Maximum Marks – 100 marks)

(Technical presentation covering aspects on Time management, Value Engineering and Understanding of complexity of Project)

- a) Understanding of Project Scope and complexity 50 marks
- b) Understanding of Project specific Schedule and Time Management 25 marks
- c) Understanding of Project specific Cost Management and Value Engineering 25 marks

Total points for criterion 100 marks

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ANNEXURE - 02

DELETED

Annexure-03 [As per clause C6.1]

Requirements for Tenderer's Technical Proposals

- 1) The Tenderer's attention is drawn to Clause 3 of the General Conditions of Contract in which terms are defined.
- 2) The Tenderer's Technical Proposals shall comply or, subject to reasonable development, be capable of complying with the Employer's Requirements in all respects. The Tenderer's Technical Proposals shall demonstrate such compliance. The Tenderer's Technical Proposals shall establish firmly the intended design the Specifications for the Permanent Works.
- 3) The Technical Proposal should cover in detail the following:
 - Understanding and comprehension of the work involved.
 - The general approach and methodology proposed for carrying out the services covered in the Scope of Work, including such detailed information as deemed relevant. In addition, the technical proposal shall contain:
 - A detailed overall work programme and a bar chart indicating the duration and timing of assignment of each key staff or other staff member assigned to the project.
 - An organisation chart together with clear description of the responsibilities of each member within the overall work programme.
 - Sufficient proof shall be submitted to substantiate the qualification and experience of staff deployed.
 - The technical proposal will be evaluated based on the capabilities /technical strength of staff proposed to be deployed.
 - A task list of deliverables and delivery dates, and the person responsible for performing the deliverable.
 - The name, background and professional experience of each key staff member to be assigned to the project, with particular reference to his experience of a nature similar to that of the proposed assignment.