

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

NOIDA METRO RAIL CORPORATION (NMRC) LIMITED

REQUEST FOR PROPOSAL (RFP)

E tender No. NMRC/Fire/EL-270/2024/307

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Fire fighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29 , Noida(Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present).

Feb. 2024

Issued by:

**Noida Metro Rail Corporation (NMRC) Limited
Block-III, 3rd Floor,
Ganga Shopping Complex, Sector-29, Noida -201301,
District Gautam Budh Nagar, Uttar Pradesh, India**

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

Disclaimer

This Request for Proposal (RFP) Document (or “E-Tender” or “E-Bid”) for **“Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Fire fighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29 , Noida(Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)”** contains brief information about the scope of work and selection process for the Bidder (‘the Contractor’ or ‘the Bidder’). The purpose of the Document is to provide the Bidders with information to assist the formulation of their Bidding Documents.

While all efforts have been made to ensure the accuracy of information contained in this RFP Document, this Document does not purport to contain all the information required by the Bidders. The Bidders should conduct their own independent assessment, investigations and analysis and should check the reliability, accuracy and completeness of the information at their end and obtain independent advice from relevant sources as required before submission of their Bid/s. Noida Metro Rail Corporation Ltd. (“NMRC” or “the Corporation” or “the Employer”) or any of its employees or advisors shall incur no liability under any law, statute, rules or regulations as to the accuracy or completeness of the RFP Document.

NMRC reserves the right to change any or all conditions/information set in this RFP Document by way of revision, deletion, updating or annulment through issuance of appropriate addendum as NMRC may deem fit without assigning any reason thereof.

NMRC reserves the right to accept or reject any or all Bids without giving any reasons thereof. NMRC will not entertain or be liable for any claim for costs and expenses in relation to the preparation of the Bid/s to be submitted in terms of this RFP Document.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

Glossary

- a) **“Addendum / Amendment”** means any written amendment / addendum /corrigendum to this RFP, from time to time issued by NMRC to the prospective bidders
- b) **“Agreement”** means the Contract Agreement to be executed between NMRC and the Selected Bidder
- c) **“Applicable Laws”** means all the laws including local, state, national or other laws, brought into force and effect by Govt. of India, State Governments, local bodies, statutory agencies and any other, and rules / regulations / notifications issued by them from time to time. It also includes judgments, decrees, injunctions, writs and orders of any court or judicial authority as may be in force and effected from time to time
- d) **“Bidder”** or **“Bidder”** means any entity which is a sole proprietorship firm, a partnership firm or a company, in title and assigns which is submitting its bid pursuant to RFP Documents
- e) **“Bid Due Date”** means Bid Submission end date and time given in the E-tender
- f) **“Earnest Money Deposit (EMD)”** means the refundable amount to be submitted by the Bidder along with RFP documents to NMRC
- g) **“NMRC”** means Noida Metro Rail Corporation Limited (or “Corporation” or “Employer”)
- h) **“Party”** means Contractor or Corporation (together they are called **“Parties”**)
- i) **“Performance Bank Guarantee/ Security Deposit”** means interest free amount to be deposited by the Contractor with NMRC as per terms and conditions of Contract Agreement as a security against the performance of the Contract agreement
- j) **“Permits”** shall mean and include all applicable statutory, environmental or regulatory Contracts, authorization, permits, consents, approvals, registrations and franchises from concerned authorities
- k) **“Re. or Rs. or INR”** means Indian Rupee
- l) **“Revenue Operations Date (ROD)”** means the date of operation of Metro
- m) **“Selected Bidder”** means the bidder who has been selected by NMRC, pursuant to the bidding process for award of Contract

The words and expressions beginning with capital letters and defined in this document shall, unless repugnant to the context, have the meaning ascribed thereto hereinabove.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

Data Sheet

1	Name of the Bid	Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Fire fighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present).
2	Approximate Cost of Work	Rs. 42,79,139.23 (Rupees Forty-two Lakh Seventy-Nine Thousand One Hundred Thirty-Nine and Twenty-Three paise only) (including GST)
3	Time-period of contract	Twelve Months
4	Method of selection	Cost Based Selection (Lowest –L1)
5	Bid Processing Fee	INR 5900 (including GST) (Rupees Five Thousand Nine Hundred only) through RTGS/NEFT only payable in favour of Noida Metro Rail Corporation Limited
6	Earnest Money Deposit (EMD)	INR 85,600 /- (Rupees Eighty Five Thousand Six Hundred only)
7	Financial Bid to be submitted together with Technical Bid	Yes
8	Name of the Corporation's official for addressing queries and clarifications	DGM/RS, Ops & Elect. Noida Metro Rail Corporation Limited, Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29, Noida 201301 Email: avikdmrc@gmail.com , nmrcrsandel@gmail.com Website: www.nmrcnoida.com , http://etender.up.nic.in
9	Bid Validity Period	180 days
10	Bid Language	English
11	Bid Currency	INR
12	JV	Not allowed
12	Schedule of Bidding Process	
	Head	Key Dates
	Uploading of Bid	21.02.2024
	Pre-Bid meeting	26.02.2024, 11:00 AM
	Last date of issuing amendment, if any	01.03.2024
	Last Date of Bid Submission	13.03.2024
	Date of Technical Bid Opening	14.03.2024, 11:00 AM
13	Consortium to be allowed	Not allowed
14	Account details	For Bid Processing Fee & EMD State Bank of India (04077) – Sector 18, Noida Gautam Budh Nagar, Uttar Pradesh -201301 IFSC Code: SBIN0004077 A/c No. 37707840592 Noida Metro Rail Corporation Ltd.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

Content

Disclaimer	2
Glossary	3
Data Sheet	4
1. Section 1: General Information	7
1.1. Background	7
1.2. About Metro Locations.....	7
1.3. Communication	7
2. Section 2: Terms of Reference	8
2.1. Scope of Work.....	8
3. Section 3: Instructions to Bidders	9
3.1. General instructions.....	9
3.2. Preparation and submission of Bids	12
3.3. Earnest Money Deposit	16
3.4. Opening and Evaluation of Bids	16
3.5. Award of Contract	18
4. Section 4: Qualification, Evaluation and Selection Process	19
4.1. Eligibility Criteria.....	19
4.2. Bid Capacity Criteria:.....	20
4.3. Personnel	21
4.4. Compliance with Technical Specifications	22
4.5. Information of the Technical and Financial Proposal	22
4.6. Selection of Bidder	22
4.7. Notice of Award and Execution of Contract Agreement.....	22
4.8. Performance Bank Guarantee / Security Deposit	23
4.9. Contract during Proposal Evaluation.....	24
4.10. Other Instruction.....	24
4.11. Project Financial Terms.....	25
4.12. Contractor's Labour Camp	25
5. Section 5: Special Conditions of Contract (SCC)	27
6. Section 6: Technical Specifications	33
6.1. Conditions Governing the Contract	33
6.2. Scope for Work	33
6.3. Maintenance	34
6.4. Materials	36
6.5. Use of Technical Terms and Conditions	37
6.6. Warranty / Defect Liability Period (DLP)	37
6.7. Tenderer's Drawing and Specification.....	37
6.8. Supply to Materials to Specifications.....	37
6.9. Inspection of Equipment.....	37
6.10. Acceptance Tests	37
6.11. Other Conditions	38
6.12. Submission of Documents.....	39
7. Section 7: Draft Contract Agreement	41
8. Section 8: Appendix and Forms of Tender	44
8.1. Appendix 1: Metro Alignment.....	44
8.2. Appendix 2: Quality Assurance.....	45
8.3. Form 1: Letter of Proposal Submission	47
8.4. Form 2: Firm Details	48
8.5. Form 3: Capability Statement.....	49
8.6. Form 4: Work Experience.....	51
8.7. Form 5: Financial Capability Details	52
8.8. Form 6: Memorandum	54
8.9. Form 7: Undertaking	55
8.10. Form 8: Power of Attorney	56

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.11.	Form 9: Saleable Form for Tender Document	58
8.12.	Form 10: Declaration of Refund of Earnest Money	59
8.13.	Form 11: Undertaking pertaining to Personnel	60
8.14.	Form 12: Resources proposed for the O&M - Plant & Equipment	61
8.15.	Form 13: Proposed Personnel	62
8.16.	Form 14: Obligation/ Compliance to be ensured by Contractor	63
8.17.	Form 15: Performa for Clarifications / Amendments on the RFP	64
8.18.	Form 15: Bid Capacity Information	65
8.19.	Form 16: Bid Offer/ BOQ (Format)	66
8.20.	Form 17: Bid Details	79

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

1. Section 1: General Information

1.1. Background

- a. Noida and Greater Noida are being developed as the satellite towns to New Delhi and an increasing number of people from Delhi and other areas are shifting to these towns in search of fresh air, greenery and better infrastructure. There is a need of providing an efficient, reliable and comfortable transportation system for the population intending to settle in these towns and to the public coming to these areas for education, service and business.
- b. Noida Metro Rail Corporation is a Special Purpose Vehicle (SPV) formed by Noida and Greater Noida Authorities for planning and executing urban transport projects in Noida and Greater Noida regions. The Corporation desires to provide a world-class Public Transportation System with state-of-the-art technology. As such, the overarching criterion for setting up of the Corporation is to help create an efficient, safe, reliable, economical and affordable public transport system. NMRC invites E-Bids **supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Fire fighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present).**
- c. In this regard, the Corporation now invites the interested Bidder/s to submit their proposals as per provisions of this RFP Document.
- d. NMRC will shortlist the Bidders based on evaluation criteria mentioned in this RFP Document. Based on the minimum evaluation criteria, qualified Bidders will be shortlisted, and financial proposal of only qualified Bidders will be opened.

1.2. About Metro Locations

The metro corridor is 29.7 km long and is known as Noida Greater Noida Metro Rail Corridor. It comprises 21 metro stations starting from Sector 51 in Noida and ends up at Depot Station in Greater Noida. The map is in Appendix 1: Metro Alignment.

1.3. Communication

All communications should be addressed to -

DGM/RS, Ops & Elect.
Noida Metro Rail Corporation (NMRC) Limited
Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29,
Noida -201301
District Gautam Budh Nagar, Uttar Pradesh
Email: avikdmrc@gmail.com, nmrcrsandel@gmail.com

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

2. Section 2: Terms of Reference

2.1. Scope of Work

- a. The work covered in the tender is as per BOQ placed in section of this RFP.
- b. The technical specifications are set forth in technical specifications- Section 6 of this RFP.
- c. The bidder should inspect the work site after receiving NOA and obtain for himself at his own responsibility all the information which may be necessary for the purpose of the successful execution of the contract.
- d. The bidder shall also make himself conversant with all the local conditions, means of access to the site of work, nature, extent of transport facilities and character of the work and supply of materials, conditions affecting labour and other matters that may affect his tender.
- e. All the work in the BOQ must be done as per instructions of Engineer In charge and also take approval of Make of BOQ items before any purchase.
- f. The commissioning of work and it's accessories shall be carried out as per E/I direction.
- g. The bidder has to obtain scheme approval after the receipt of NOA.
- h. The equipment including the accessories shall be covered under warranty period/defect liability period. During this period the successful bidder shall replace all defective parts and attend to all repairs / breakdowns. The cost of spare parts for all replacements has to be borne by the successful bidder during the period of warranty/DLP. All warranty cards must be submitted with last bill.
- i. **Fire alarm panel and other associated accessories to be selected as per existing model installed in the office. Hence site may be visited before finalization of tender.**

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

3. Section 3: Instructions to Bidders

3.1. General instructions

- a. A Bidder shall submit only one bid in the same tendering process, either individually as a Bidder. A Bidder who submits or participates in more than one bid will cause all the proposals in which the Bidder has participated to be disqualified. No Bidder can be a sub-contractor while submitting a bid individually or as a partner of a Consortium in the same bidding process. A Bidder, if acting in the capacity of subcontractor in any bid, may participate in more than one bid, but only in that capacity.
- b. The Bidder shall initiate, and actively pursue and involve itself in all investigations and enquiries, Corporation feedbacks, information, convening of and attendance at meetings, and in any other activities as are or may be necessary for producing high quality work as per the requirements.
- c. The Bidder shall carry out the services in compliance with the provisions of this Agreement. All changes necessary to ensure that the Bidder's documents conform to the intent and purpose set out in the Agreement, shall be made at the Bidder's own expense. The Bidder represents that it is a professional and experienced company, and hereby agrees to bear full responsibility for the correctness and technical merit of the services performed.
- d. Bidders shall be evaluated based on the Evaluation Criteria specified in this document. Bidders shall be deemed to have understood and agreed that no explanation or justification for any aspect of the Selection Process will be given and that NMRC's decisions are without any right of appeal whatsoever.
- e. Any entity which has been barred by the Central/State Government in India or by any entity controlled by them, from participating in any project, and the bar subsists as on the date of Bid, would not be eligible to submit an e - Bid.
- f. Bidders are encouraged to inform themselves fully about the assignment and the local conditions before submitting the e-Bid by paying a visit to the Corporation and/or by sending written queries to NMRC before the last date for receiving queries/clarifications.
- g. NMRC shall not be liable for any omission, mistake or error on the part of the Bidder in respect of any of the above or because of any matter or thing arising out of or concerning or relating to e-Bid or the Selection Process, including any error or mistake therein or in any information or data given by NMRC.
- h. The currency for the Proposal shall be the Indian Rupee (INR).
- i. Bidders shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. Bidders shall be considered to have a conflict of interest with one or more parties in this bidding process, if:
 - i. A Bidder has been engaged by the Employer to provide consulting services for the preparation related to procurement or implementation of the project;
 - ii. A Bidder is any associates/affiliates (inclusive of parent firms) mentioned in subparagraph above; or
 - iii. A Bidder lends, or temporarily seconds its personnel to firms or organizations which are engaged in consulting services for the preparation related to procurement for an implementation of the project, if the personnel would be involved in any capacity on the same project.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

3.1.1. Cost of Bid Document / e-Tender processing Fee

- a. The Bidder shall bear all costs associated with the preparation and submission of its e-Bid and Noida Metro Rail Corporation Ltd. ("NMRC" or "the Corporation"), will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the e-Bid process.
- b. This tender document is available on the web site <http://etender.up.nic.in> or on NMRC website (www.nmrcnoida.com) to enable the Bidders to view, download the e-Bid document and submit e-Bids online up to the last date and time mentioned in e-Tender notice/e-tender document against this e-Tender. The Bidders shall have to pay cost of bid document/e-Tender processing fee of as mentioned in **Data Sheet** through RTGS/NEFT only payable in favour of Noida Metro Rail Corporation Limited in the A/c No. mentioned in **Data Sheet**. The scanned copy of RTGS/NEFT receipt with transaction Id certified by the same bank must be enclosed along with the e-Bid. This cost of bid document/e-Tender processing fee as mentioned in **Data Sheet** will be non-refundable. Tender without cost of bid document/e-Tender processing fee in the prescribed form, will not be accepted.

3.1.2. Acknowledgement by Bidder

It shall be deemed that by submitting the e-Bid, the Bidder has:

- a. made a complete and careful examination of the e-Bid;
- b. received all relevant information requested from NMRC;
- c. acknowledged and accepted the risk of inadequacy, error or mistake in the information provided in the e-Bid or furnished by or on behalf of NMRC;
- d. satisfied itself about all matters, things and information, necessary and required for submitting an informed Application and performance of all its obligations there under;
- e. acknowledged that it does not have a Conflict of Interest; and
- f. Agreed to be bound by the undertaking provided by it under and in terms hereof.

3.1.3. Availability of Bid Document

This Bid document is available on the web site <http://etender.up.nic.in> or on Noida Metro website www.nmrcnoida.com to enable the Bidders to view, download the e-Bid document and submit e-Bids online up to the last date and time mentioned in e-Bidder notice/e-Bid document. The Bidders shall have to pay e-Bid document fee and EMD as mentioned in Data sheet through RTGS/NEFT on addresses given in data sheet. The scanned copy of RTGS/NEFT with transaction ID certified by the same bank must be enclosed along with the e-Bid. This e-Bid document fee will be non-refundable. Bid without Bid fee in the prescribe form will not be accepted.

3.1.4. Clarifications of e-Bid

- a. During evaluation of e-Bid, NMRC may, at its discretion, ask the Bidder for a clarification of his/her e-Bid. The request for clarification shall be in writing.
- b. Any queries or request for additional information concerning this RFP shall be submitted in writing or by fax and e-mail to the GM/Technical, NMRC **only before or during Pre-Bid Meeting** held at NMRC. The envelopes/ communication shall clearly bear the following identification/ title: **"Queries / Request for Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system,**

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)." The responses will be posted to all such queries on the official website www.nmrcnoida.com. NMRC reserves the right not to respond to any questions or provide any clarifications, in its sole discretion, and nothing in this Clause shall be taken or read as compelling or requiring NMRC to respond to any question or to provide any clarification.

- c. A pre-submission meeting shall be called on the date mentioned in **Data Sheet** at NMRC Office. Any change corresponding to date, if any, shall be communicated to the Bidder vide NMRC/ e-Tendering website.
- d. In case the Bidder seeks for any queries, he shall send letter or e-mail to the correspondence address given in Data Sheet.
- e. However, NMRC shall not entertain any correspondence from the Bidders during the period of e-Bid opening to selection of the successful Bidder. Any wrong practice shall be dealt under Fraud and Corrupt Practices.
- f. The Bidder is advised to visit and examine the Site of Works 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 Site shall be borne by the Bidder. It shall be deemed that the Contractor has undertaken a visit to the Site of Works and is aware of the site conditions prior to the submission of the tender documents.
- g. The Bidder 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 Bidder, 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.

3.1.5. Amendment of e-Bid Document

- a. At any time prior to the deadline for submission of e-Bid, NMRC may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the e-Bid document by amendments. Such amendments shall be uploaded on the e-procurement website <http://etender.up.nic.in> or NMRC's website www.nmrcnoida.com. The relevant clauses of the e-Bid document shall be treated as amended accordingly.
- b. It shall be the sole responsibility of the prospective Bidder to check the web site <http://etender.up.nic.in> or NMRC's website www.nmrcnoida.com from time to time for any amendment in the e-Bid documents. In case of failure to get the amendments, if any, NMRC shall not be responsible for it.
- c. In order to allow prospective e-Bids a reasonable time to take the amendment into account in preparing their e-Bids, NMRC, at the discretion, may extend the deadline for the submission of e-Bids. Such extensions shall be uploaded on the e-procurement website <http://etender.up.nic.in> or NMRC's website www.nmrcnoida.com.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

3.2. Preparation and submission of Bids

3.2.1. Language of e-Bid

The e-Bid prepared by the Bidder, as well as all correspondence and documents relating to the e-Bid exchanged by the Bidder and NMRC shall be written in English language. Only English numerals shall be used in the e-Bid. The correspondence and documents in any other language must be accompanied by transcripts verified by the Embassy of Home Country or equivalent.

3.2.2. Documents constituting the e-Bid

The e-Bid prepared by the Bidder shall comprise the following components:

a. Technical e-Bid- Technical e-Bid will comprise of -

- i. **Fee details** - Details of Bid processing fee and prescribed EMD
- ii. **Eligibility details** - Includes copies of required documents in PDF format justifying that the Bidder is qualified to perform the contract if his/her bid is accepted and the Bidder has financial & technical capability necessary to perform the contract and meets the criteria outlined in the Qualification requirement and technical specification and fulfil all the conditions of the contract.
- iii. **Technical evaluation** - Details of all documents needed for Technical evaluation as mentioned in this RFP

b. Financial e-Bid -

- i. **Price bid** – Bill of Quantities in XLS format to be filled in after downloading from the e-Procurement website for this e-tender. There shall be a single quote.

3.2.3. Documents establishing Bidder's Qualification

- a. The Bidder shall furnish, as part of its technical e-Bid, documents establishing the Bidder's qualification to perform the contract if its e-Bid is accepted. The documentary evidence should be submitted by the Bidder electronically in the PDF format.
- b. The documentary evidence of Bidder's qualification to perform the contract if its e-Bid is accepted shall be as per qualification requirements specified in e-Bid document.

3.2.4. E-Bid form

The Bidder shall complete the e-Bid form and the appropriate price schedule/BOQ furnished in the e-Bid document.

3.2.5. E-Bid Currency

Prices shall be quoted in Indian Rupees only.

3.2.6. Formats and Signing of e-Bid

- a. The Bidder shall prepare one electronic copy of the technical e-Bid and financial e-Bid separately.
- b. The e-Bid document shall be digitally signed, at the time of uploading, by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. The later authorization shall be indicated by a scanned copy of written power-of attorney accompanying the e-Bid. All the pages/documents of the e-Bid that are to be uploaded shall be digitally signed by the person authorized to sign the e-Bid.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

- c. Bidders should provide all the information as per the RFP and in the specified formats. NMRC reserves the rights to reject any proposal that is not in the specified formats.
- d. In case the Bidders intends to provide additional information for which specified space in the given format is not sufficient, it can be furnished in duly stamped and signed PDFs.

3.2.7. Deadline for submission of e-Bid

E-Bid (Technical and financial) must be submitted by the Bidder at e-procurement website <http://etender.up.nic.in> not later than the time specified on the prescribed date (as the server time displayed in the e-procurement website). NMRC may, at its discretion, extend this deadline for submission of e-Bid by amending the e-Bid document, in which case all rights and obligations of NMRC and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

3.2.8. Submission of e-Bid

- a. The bid submission module of e-procurement website <http://etender.up.nic.in> enables the Bidders to submit the e-Bid online in response to this e-Bid published by NMRC.
- b. Bid submission can be done only from the bid submission start date and time till the bid submission end date and time given in the e-Bid. Bidders should start the bid submission process well in advance so that they can submit their e-Bid in time.
- c. The Bidder should submit their e-Bid considering the server time displayed in the e-procurement website. This server time is the time by which the e-Bid submission activity will be allowed till the permissible time on the last/end date of submission indicated in the e-Bid schedule.
- d. Once the e-Bid submission date and time is over, the Bidders cannot submit their e-Bid. For delay in submission of e-Bid due to any reasons, the Bidders shall only be held responsible.

The Bidders have to follow the following instructions for submission of their e-Bid:

- a. For participating in e-Bid through the e-Bidding system it is necessary for the Bidders to be the registered users of the e-procurement website <http://etender.up.nic.in>. The Bidders must obtain a user login Id and password by registering themselves with U.P. Electronics Corporation Ltd., Lucknow if they have not done so previously for registration.
- b. In addition to the normal registration, the Bidder has to register with his/her digital signature certificate (DSC) in the e-Bidding system and subsequently he/she will be allowed to carry out his/her e-Bid submission activities. Registering the digital signature certificate (DSC) is a one-time activity. Before proceeding to register his/her DSC, the Bidder should first log on to the e-Bidding system using the user login option on the home page with the login Id and password with which he/she has registered.

For successful registration of DSC on e-procurement website <http://etender.up.nic.in> the Bidder must ensure that he/she should possess class-2/class-3 DSC issued by any certifying authorities approved by controller of certifying authorities, Government of India, as the e-procurement website <http://etender.up.nic.in> is presently accepting DSC issued by these authorities only. The Bidder can obtain user login Id and perform DSC registration exercise given above even before the e-Bid submission date starts. NMRC shall not be held responsible if the Bidder tries to submit his/her e-Bid at the moment before end date of submission but could not submit due to DSC registration problem.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

- c. The Bidder can search for active Bids through "search active tenders" link, select a Bid in which he/she is interested in and then move it to 'My Tenders' folder using the options available in the e-Bid submission menu. After selecting and the Bid, for which the Bidder intends to e-Bid, from "My tenders" folder, the Bidder can place his/her e-Bid by clicking "pay offline" option available at the end of the view Bid details form. Before this, the Bidder should download the e-Bid document and price schedule/bill of quantity (BOQ) and study them carefully. The Bidder should keep all the documents ready as per the requirements of e-Bid document in the PDF format except the price schedule /bill of quantity (BOQ) which should be in the XLS format (excel sheet).
- d. After clicking the 'pay offline' option, the Bidder will be redirected to terms and conditions page. The Bidder should read the terms & conditions before proceeding to fill in the Bid fee and EMD offline payment details. After entering and saving the Bid fee and EMD details form so that "bid document preparation and submission" window appears to upload the documents as per technical (fee details, qualification details, e-Bid form and technical specification details) and financial (e-Bid form and price schedule/BOQ) schedules/packets given in the Bid details. The details of the RTGS/NEFT should tally with the details available in the scanned copy and the date entered during e-Bid submission time otherwise the e-Bid submitted will not be accepted.
- e. Next the Bidder should upload the technical e-Bid documents for fee details (e-Bid fee and EMD), Qualification details. Before uploading, the Bidder has to select the relevant digital signature certificate. He may be prompted to enter the digital signature certificate password, if necessary. For uploading, the Bidder should click "browse" button against each document label in technical and financial schedules/packets and then upload the relevant PDF/XLS files already prepared and stored in the Bidder's computer. The required documents for each document label of technical (fee details, qualification details, e-Bid form and technical specification details) and financial (e-Bid form and price schedule/BOQ) schedules/packets can be clubbed together to make single different files for each label.
- f. The Bidder should click "Encrypt" next for successfully encrypting and uploading of required documents. during the above process, the e-Bid documents are digitally signed using the DSC of the Bidder and then the documents are encrypted/locked electronically with the DSC's of the bid openers to ensure that the e-Bid documents are protected, stored and opened by concerned bid openers only.
- g. After successful submission of e-Bid document, a page giving the summary of e-Bid submission will be displayed confirming end of e-Bid submission process. The Bidder can take a printout of the bid summary using the "print" option available in the window as an acknowledgement for future reference.
- h. NMRC reserves the right to cancel any or all e-Bids without assigning any reason.

3.2.9. Late e-Bid

- a. Bids received by NMRC after the specified time on the Bid Due Date shall not be eligible for consideration and shall be summarily rejected.
- b. The server time indicated in the bid management window on the e-procurement website <http://etender.up.nic.in> will be the time by which the e-Bid submission activity will be allowed till the permissible date and time scheduled in the e-Bid.
- c. Once the e-Bid submission date and time is over, the Bidder cannot submit his/her e-Bid. Bidder has to start the bid submission well in advance so that the submission process passes off

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

smoothly. The Bidder will only be held responsible if his/her e-Bid is not submitted in time due to any of his/her problems/faults, for whatsoever reason, during e-Bid submission process.

3.2.10. Withdrawal and resubmission of e-Bid

- a. At any point of time, a Bidder can withdraw his/her e-Bid submitted online before the bid submission end date and time. For withdrawing the Bidder should first log in using his/her login id and password and subsequently by his/her digital signature certificate on the e-procurement website <http://etender.up.nic.in>. The Bidder should then select "My bids" option in the bid submission menu. The page listing all the bids submitted by the Bidder will be displayed. Click "View" to see the details of the bid to be withdrawn. After selecting the "bid withdrawal" option the Bidder has to click "Yes" to the message "Do you want to withdraw this bid?" displayed in the bid information window for the selected bid. The Bidder also has to enter the bid withdrawing reasons and upload the letter giving the reasons for withdrawing before clicking the "Submit" button. The Bidder has to confirm again by pressing "OK" button before finally withdrawing his/her selected e-Bid.
- b. No e-Bid may be withdrawn in the interval between the deadline for submission of e-Bids and the expiration of period of e-bid validity. Withdrawal of an e-Bid during this interval may result in the forfeiting of Bidder's e-Bid security.
- c. The Bidder can re-submit his/her e-Bid as when required till the e-Bid submission end date and time. The e-Bid submitted earlier will be replaced by the new one. The payment made by the Bidder earlier will be used for revised e-Bid and the new e-Bid submission summary generated after the successful submission of the revised e-Bid will be considered for evaluation purposes. For resubmission, the Bidder should first log in using his/her login Id and password and subsequently by his/her digital signature certificate on the e-procurement website <http://etender.up.nic.in>. The Bidder should then select "My bids" option in the bid submission menu. The page listing all the bids submitted by the Bidder will be displayed. Click "View" to see the detail of the e-Bid to be re-submitted. After selecting the "bid resubmission" option, click "Encrypt & upload" to upload the revised e-Bids documents.
- d. The Bidder can submit their revised e-Bids as many times as possible by uploading their e-Bid documents within the scheduled date & time for submission of e-Bids.
- e. No e-Bid can be resubmitted subsequently after the deadline for submission of e-Bids.

3.2.11. NMRC's right to accept any e-Bid and to reject any or all e-Bids.

- a. Notwithstanding anything contained in this e-Bid, NMRC reserves the right to accept or reject any Bid and to annul the Selection Process and reject all Bids, at any time without any liability or any obligation for such acceptance, rejection or annulment, and without assigning any reasons thereof.
- b. NMRC reserves the right to reject any Bid if:
 - At any time, a material misrepresentation is made or uncovered, or
 - The Bidder does not provide, within the time specified by NMRC, the supplemental information sought by NMRC for evaluation of the e-Bid.
- c. Such misrepresentation/ improper response may lead to the disqualification of the Bidder. If such disqualification /rejection occurs after the e-Bid have been opened and the highest-ranking Bidder gets disqualified / rejected, then the NMRC reserves the right to consider the next best Bidder, or take any other measure as may be deemed fit in the sole discretion of NMRC, including annulment of the Selection Process.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

3.2.12. Period of validity of e-Bid

- a. E-Bid shall remain valid for 180 days after the date of e-Bid opening prescribed by NMRC. An e-Bid valid for a shorter period shall be rejected by NMRC as non-responsive.
- b. In exceptional circumstances, NMRC may solicit the Bidder's consent to an extension of the period of e-Bid validity. The request and the response thereto shall be made in writing.

3.2.13. Correspondence with the Bidder

- a. Save and except as provided in this e-Bid, NMRC shall not entertain any correspondence with any Bidder or its Technical Partners in relation to acceptance or rejection of any e-Bid.
- b. Subject to Clause 3.4.5 no Bidders or its Technical Partners shall contact NMRC on any matter relating to his e-Bid from the time of Bid opening to the time contract is awarded.
- c. Any effort by the Bidder or by its Technical Partners to influence NMRC in the Bid evaluation, Bid comparison or contract award decisions, may result in the rejection of his Bid.

3.3. Earnest Money Deposit

3.3.1. Earnest money deposit (EMD)

- a. The Bidder shall furnish, as part of its e-Bid, an e-Bid security/ EMD as stated in Data Sheet in form of RTGS/NEFT only in favour Noida Metro Rail Corporation Limited in the A/c No. mentioned in **Data Sheet**. The scanned copy of RTGS/NEFT receipt of Security/ EMD with transaction Id certified by the same bank must be enclosed along with the e-Bid. Tender without Earnest Money in the prescribed form, will not be accepted.
- b. Any e-Bid not secured in accordance with above shall be treated as non-responsive and rejected by NMRC.
- c. Unsuccessful Bidder's EMD will be returned within 45 days of opening of the Price Bid in case of Conclusion or discharge of the tender.
- d. No interest will be paid by the Employer on the Earnest Money Deposit.
- e. The successful Bidder's e-Bid EMD will be adjusted with Performance Bank Guarantee, if applicable, to be submitted by the Bidder upon signing the contract.
- f. The EMD may be forfeited:
 - i. If Bidder (a) withdraws its e-Bid during the period of e-Bid validity specified by the Bidder on the e- bid form: or (b) does not accept the correction of errors or (c) modifies its e-Bid price during the period of e-Bid validity specified by the Bidder on the form.
 - ii. In case of a successful Bidder, if the Bidder fails to sign the contract with the Corporation.

3.4. Opening and Evaluation of Bids

3.4.1. Opening of technical e-Bid by NMRC

- a. NMRC will open all technical e-Bids, in the presence of Bidder`s representatives who choose to attend on the prescribed date of opening at NMRC Office. The Bidder's representatives who are present shall submit the letter to NMRC on the letter head of the company stating that the representative (name) is authorized to attend the meeting (Please note – The representative is required to carry a copy during pre-bid and other related meetings as well). He / She shall sign a register evidencing their attendance at NMRC. In the event of the specified date e-Bid opening

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

being declared a holiday for the Corporation, the e –bids shall be opened at the appointed time and place on the next working day.

- b. The Bidder who is participating in e-Bid should ensure that the RTGS/NEFT of Bid Processing Fee and EMD must be submitted in the prescribed account of NMRC within the duration (strictly within opening & closing date and time of individual e-Bid) of the work as mentioned in Bid notice, otherwise, in any case, e-Bid shall be rejected.
- c. The Bidders names and the presence or absence of requisite e-Bid security and such other details as NMRC at its discretion may consider appropriate, will be announced at the opening.

3.4.2. Opening of financial e-Bid

- a. After evaluation of technical e-Bid, through the evaluation committee NMRC shall notify those Bidders whose technical e-Bids were considered non-responsive to the conditions of the contract and not meeting the technical specifications and qualification requirements indicating that their financial e-Bids will not be opened.
- b. NMRC will simultaneously notify the Bidders, whose technical e-Bids were considered acceptable to the Corporation. The notification may be sent by e-mail as provided by Bidder.
- c. The financial e-Bids of technically qualified Bidders shall be opened in the presence of technically qualified bidders who choose to attend. The date and time for opening of financial bids will be communicated to the technically qualified Bidders subsequently after completion of technical bids evaluation through e-mail provided by the Bidder.

3.4.3. Correction of Errors

- a. Financial Bids determined to be responsive will be checked by NMRC for any arithmetic errors. Where there is a discrepancy between the rate quoted in the Financial Bid, in figures and in words, the amount in words will prevail over the amounts in figures, to the extent of such discrepancy.
- b. The amount stated in the Financial Bid will be adjusted by NMRC in accordance with the above procedure for the correction of errors and shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected quoted rate of e-Bid, his e-Bid will be rejected, and his Bid Security shall be liable for forfeiture in accordance with Clause 3.3.1f

3.4.4. Examination of e-Bid document

- a. The NMRC will examine the e-Bid to determine if:
 - i. They are complete;
 - ii. They meet all the conditions of the contract;
 - iii. The required e-Bid Processing fee, EMD and other required documents have been furnished;
 - iv. The documents have been properly digitally signed; and
 - v. The e-Bids are in order.
- b. Any e-Bid or e-Bids not fulfilling these requirements shall be rejected.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

3.4.5. Contacting NMRC

- a. No Bidder shall contact NMRC on any matter relating to his/her e-Bid, from the time of the e-Bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of NMRC, he/she can do so in writing.
- b. Any effort by a Bidder to influence NMRC in its decisions on e-Bid evaluation, e- bid comparison or contract award may result in rejection of the Bidder's e-Bid.
- c. In the event of any information furnished by the Bidder is found false or fabricated, the minimum punishment shall be debarring /blacklisting from Noida Metro works and legal proceeding can also be initiated. EMD of such bidders will be forfeited.

3.4.6. Confidentiality

- a. Information relating to the examination, clarification, evaluation, and recommendation for the Bidders shall not be disclosed to any person who is not officially concerned with the process or is not a retained professional advisor advising NMRC in relation to or matters arising out of or concerning the Bidding Process. Any effort by a Bidder to exert undue or unfair influence in the process of examination, clarification, evaluation and comparison of Proposal shall result in outright rejection of the offer, made by the said Bidder.
- b. NMRC shall treat all information, submitted as part of Bid, in confidence and shall require all those who have access to such material to treat the same in confidence. NMRC may not divulge any such information unless it is directed to do so by any statutory entity that has the power under law to require its disclosure or is to enforce or assert any right or privilege of the statutory entity and/ or NMRC or as may be required by law or in connection with any legal process.

3.5. Award of Contract

3.5.1. Award Criteria

- a. NMRC will award the contract as per evaluation criteria stated in the RFP Document.
- b. NMRC will award the contract to the successful Bidder whose bid has been determined to be responsive to all the conditions of the contract and meeting the eligibility requirement of the bidding document.

3.5.2. Notice of Award (NOA)

- a. Prior to the expiration of the period of e-Bid validity, NMRC will notify the successful Bidder in writing, by letter/e-mail/fax, that its e-Bid has been accepted.
- b. The acceptance of NOA will constitute the formation of the contract.

3.5.3. Signing of contract

At the same time as NMRC notifies the successful Bidder that its e-Bid has been accepted, the successful Bidder shall have to sign the contract agreement with relevant document as mentioned in the RFP. The agreement draft along with other related terms and conditions will be same as furnished in this e-Bid. Any refusal will not be allowed. The Bidder need not download and submit in hard copies of these documents.

3.5.4. NMRC's right to accept any e-Bid and to reject any or all e-Bids

NMRC reserves the right to accept or reject any e-Bid, and to annul the e-Bid process and reject all e-Bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or Bidders.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

4. Section 4: Qualification, Evaluation and Selection Process

4.1. Eligibility Criteria

The Bidder's competence and capability is proposed to be established by the following parameters. The Bidder should meet all the criteria given in this section.

- a. Sole proprietorship, registered partnership firm, public limited company, private limited company can submit the Bid. The firms and the companies should be registered in India.
- b. The Bidder should have a minimum experience of having satisfactorily completed similar works during last 7 (Seven) years period ending last day of month before the one in which the bids are invited should be either of the following:
 - i. One similar completed work costing not less than the amount equal to **Rs. 34.24 Lakh** (Rupees Thirty Four Lacs and Twenty Four Thousand only) or
 - ii. Two similar completed works each costing not less than the amount equal to **Rs. 21.40 Lakh** (Rupees Twenty One Lacs and Forty Thousand only) or
 - iii. Three similar completed works each costing not less than the amount equal to **Rs. 17.12 Lakh** (Rupees Seventeen Lacs and Twelve Thousand only)

Similar work" for this contract shall be "Supply, installation testing and commission of fire hydrant and Fire alarm work/ Supply, installation testing and commission of fire hydrant work/ AMC or CAMC of Fire hydrant work/ AMC or CAMC of Fire hydrant and fire alarm work" in NMRC/ any other Metro Organization/ Central govt./ State govt./PSU's/ Private sector companies of repute.

- c. The Bidder should have minimum **average annual turnover** of INR **42,79,139.23 (Rupees Forty two Lakh Seventy Nine Thousand One Hundred Thirty Nine and Twenty Three paise only)** in the last 3 (three) Financial Years (**2020-21, 2021-22, 2022-23**) preceding the Bid Due Date.
- d. T1 – Liquidity
NA
- e. T2 – Profitability:
Profit before Tax (PBT) during any of the financial year should be positive during immediately preceding, three audited financial years.
- f. T3 – Net Worth:
NA
- g. The Bidder should not have been blacklisted/ banned/ declared ineligible for corrupt and fraudulent practices by the Government of India/ any State Government/ Government Agency and Supreme court and contracts have been terminated/ foreclosed by any company / department due to non- fulfilment of Contractual obligation in last 5 (five) financial years.
- h. Bid capacity as mentioned in the next page.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

The Bidder shall also furnish the following documentary proof (as per eligibility criteria):

- a. For above criteria 4.1a
 - i. Statutory proof of existence as the legal entity. (Including affidavit in case of Sole proprietorship)
 - ii. PAN certificate as per legal entity
 - iii. GST RC
- b. For above criteria 4.1b
 - i. Form 4: Work Experience with documentary evidence as mentioned in the Form 4.
- c. For above criteria 4.1 c & e.
 - i. Form 5: Financial Capability Details
 - ii. A copy of the Audited balance sheets and Profit and Loss Statements for the last 3 (Three) financial years
In case the Financial Statements for the latest financial year are not audited and therefore the Bidder cannot make it available, the Bidder shall give an undertaking to this effect and the statutory auditor/chartered accountant shall certify the same. In such a case, the Bidder shall provide the Audited Financial Statements for 2 (two) years preceding the year for which the Audited Financial Statement is not being provided. Also, pertaining to latest financial year, the bidder shall submit an affidavit certifying that "The Annual Accounts have not been audited so far we are submitting the CA certified provisional accounts, which shall be substantiated by the audited accounts when prepared"
 - iii. Self-attested copy of ITR of last three audited financial years.
- d. For above criteria 4.1g
 - i. Form 7: Undertaking
- e. For above criteria 4.1h
 - i. Form 7: Undertaking

4.2. Bid Capacity Criteria:

Bid Capacity: The Bidders 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:

Bid capacity will be calculated based on the following formula:

Available Bid Capacity = 2*A*N – B

Where,

A = Maximum of the value of work executed in any one year during the last three financial years (updated to the last day of the previous month of tender submission 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 the last day of the previous month of tender submission) for on-going works during period of 2 months w.e.f. from the first day of the month of tender submission.

Financial data for latest last three financial years has to be uploaded by the Bidder in Form-5 of Tender 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 along with UDIN.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

Value of existing commitments for on-going works during period of 2 months w.e.f. from the first day of the month of tender submission has to be uploaded by the Bidder in Form-4 of Tender. These data shall be certified by the Chartered Accountant with his stamp and signature in original and UDIN.

4.3. Personnel

The Bidder shall submit - Form 11: Undertaking pertaining to Personnel a staffing schedule containing the names, qualifications, professional experience and corporate affiliation of all proposed management personnel (above the level of shift supervisor) and specialists for this work. The submission shall include a provisional management structure and organisation chart showing areas of responsibility, relative seniorities and lines of reporting.

RESOURCES PROPOSED FOR THE PROJECT – PERSONNEL

The figures indicated below are the minimum number of Project-Personnel required which are to be deployed as per the minimum level of supervision and qualification/experience of site staff is given as follows:

S. No.	Designation of Project Personnel	Minimum Requirement
1.	Supervisor experience in similar work having at least 5 years of experience in Fire suppression and detection related work.	1
2.	Technician at-least three years' experience in similar work	1

It is to be noted that:

- i. The contractor shall deploy resources as per the above-mentioned minimum requirement and also confirm to deploy manpower over and above the minimum numbers indicated above, if the work requires so.
- ii. These minimum resources are as per the requirements of the various activities at different stages of works. All resources need not to be mobilized simultaneously, resources as per the requirement of various stages of works shall be mobilized in accordance with the instructions of the Engineer. The decision of the Engineer shall be final and bonding.
- iii. The performance of project personal deployed will be evaluated periodically by Employer during the contract period. In case the performance of any of the personnel is not satisfactory, the contractor shall replace them with good personnel immediately as per the directions of the Engineer.
- iv. **If staff is absent or found missing from his duty during new work, recovery @ ₹3000/- for supervisor and @ ₹2000/- for technician per day shall be imposed on the contractor and to be recovered from the running bill of the contractor.**

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

4.4. Compliance with Technical Specifications

The Bidders must comply with the stipulated technical specifications as mentioned in the tender documents.

4.5. Information of the Technical and Financial Proposal

- a. The Bidder satisfying technical and financial eligibility criteria under Clause 4.1 shall be considered as technically and financially qualified.
- b. The financial proposal of only technically qualified Bidders shall be opened for evaluation.
- c. The Bidder with the lowest quoted price for the RFP for Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Fire fighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present) in the financial quote (**L1 bidder**) shall be selected for the award of contract.

4.6. Selection of Bidder

After the above evaluation process, the Technically Qualified Bidder, who is declared as **L1 (lowest quoted price)** may be declared as the selected Bidder ("Selected Bidder") for the Project.

- a. In case, two or more technically qualified bidders quote the same rate in the Commercial Bid, and become Lowest (i.e. L-1), then the tender would be awarded to the bidder who has the highest / higher Average Annual Turnover from 'Similar Works' (as per Minimum Eligibility Criteria defined in Section 4 under "Definition of Similar Work") during the last 3 years ending on the last day of the month preceding the month in which the tender has been floated. Experience certificate / work completion certificate on client's letter head is mandatory to ascertain the nature, period and value of work which shall be required to be uploaded by the bidder by the last date of tender submission. Prior to the expiry of the period of bid validity, NMRC will notify the successful bidder in writing, either through Notice of Award (NOA), that his bid has been accepted.
- b. Prior to the expiry of the period of bid validity, NMRC will notify the successful bidder in writing, either through Notice of Award (NOA), that his bid has been accepted.
- c. The NOA would be sent in duplicate to the successful bidder, who will return one copy to NMRC duly acknowledged, signed and stamped by the authorized signatory of the bidder, as an unconditional acceptance of the NOA, within 10 (ten) days from the date of issue of NOA.
- d. No correspondence will be entertained by NMRC from the unsuccessful bidders.

4.7. Notice of Award and Execution of Contract Agreement

- a. NMRC will notify the Successful Bidder by a Notice of Award (NOA) that its bid has been accepted.
- b. The Selected Bidder shall, within 10 (ten) days of the receipt of the NOA, sign and return the duplicate copy of the NOA in acknowledgement thereof along with letter of acceptance of NOA. In the event, the duplicate copy of the NOA duly signed by the Selected Bidder and letter of acceptance of NOA is not received by the stipulated date, NMRC may, unless it consents to extension of time for submission thereof, appropriate the Bid Security of such Bidder as mutually agreed genuine pre-estimated loss and damage suffered by NMRC because of failure of the Selected Bidder to acknowledge the NOA
- c. The Successful Bidder shall execute the Contract Agreement within 30 (Thirty) days of the letter of acceptance of NOA or such extended period as may be decided by the Corporation.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

- d. Failure of the Successful Bidder to comply with the requirement of acknowledgement of NOA shall constitute sufficient grounds for the annulment of the NOA, and forfeiture of the bid security.
- e. The Purchaser reserves the right to increase or decrease the quantity up to 25% of the quantity offered by the successful Bidder. The bidder is bound to accept the increase or decrease in the tendered quantity up to 25% under this clause without any change in unit price.

In case the variation in individual items or the group of items as stipulated above, is more than 25% on plus side, the rate for the varied quantity beyond 25% shall be negotiated between NMRC and the Contractor and mutually agreed rates arrived at before actual execution of the extra quantity. In case the contractor executes the extra quantity without written approval of the NMRC with specific instructions to execute pending the finalization of rates, the payment shall be made at contract rate only. In the event of disagreement, the Engineer shall fix such rates of price as are, in his opinion appropriate and shall notify the Contractor accordingly, with a copy to the Employer. Until such time as rates or prices are agreed or fixed, the Engineer shall determine provisional rates or prices to enable on account payments to the Contractor. Alternatively, in the event of disagreement, the Contractor shall have no claim to execute extra quantities/new items and the Engineer shall be free to get such additional quantities beyond 25% new items executed through any other agency. However, if the Engineer or the Employer so directs the Contractor shall be bound to carry out any such additional quantities beyond the limits stated above original quantities and or new items and the disagreement or the difference regarding rates to be paid for the same shall be settled in the manner laid down under the conditions for the settlement of dispute.

4.8. Performance Bank Guarantee / Security Deposit

- a. To fulfil the requirement of performance bank guarantee during the implementation period, the Successful Bidder (herein referred to as the "Contractor") shall deposit **10% of the Contract Price** in form of FDR/ DD or unconditional and irrevocable Bank Guarantee bond issued by a scheduled bank in favour of Noida Metro Rail Corporation Limited, within 30 days from Notice of Award. EMD amount of successful bidder shall be adjusted in the performance bank guarantee, if applicable. For unsuccessful bidder, EMD shall be refunded without any interest. The Performance Guarantee should be valid for a period of **one (1) months beyond the Defect Liability Period and will be released after successful completion of Defect Liability Period and handover of the system with necessary documents to the department.**
- b. It is to note that if contract value increases by more than 25% of the original contract value, the performance bank guarantee shall be increased accordingly. Also if the contract is extended performance bank guarantee shall be extended accordingly.
- c. A Contract agreement will have to be signed by the Contractor at his cost on proper stamp paper. Without performance guarantee by Contractor, Contract agreement shall not be signed.
- d. NMRC reserves the right for deduction of NMRC dues from Contractor's Performance Bank Guarantee/ Security Deposit (interest free) for –
 - i. Any penalty imposed by NMRC for violation of any terms and conditions of agreement committed by the Contractor.
 - ii. Any amount which NMRC becomes liable to the Government/Third party due to any default of the Contractor or any of his director/ employees/ representatives/ servant/ agent, etc.
 - iii. Any payment/ fine made under the order/judgment of any court/consumer forum or law enforcing Contractor or any person duly empowered in his behalf.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

- iv. Any outstanding payment/ claims of NMRC remained due after completion of relevant actions as per agreement.
- e. **The Bank Guarantee must be issued by a bank branch located in Delhi/NCR, Noida and Greater Noida region only. The Bank guarantee shall be extended and renewed in advance before expiry of existing bank guarantee.**
- f. Once the amount under above Clause is debited, the Contractor shall replenish the Security Deposit/ Performance Bank Guarantee to the extent the amount is debited within 15 days period, failing which, it shall be treated as Contractor Event of Default and will entitle NMRC to deal with the matter as per the provisions of RFP and Contract Agreement.
- g. **Defect Liability Period: For supply and installation of new items only and for CAMC work liability till handover of all the equipments to the department in healthy condition.**

4.9. Contract during Proposal Evaluation

- a. Proposals shall be deemed to be under consideration immediately after they are opened and until such time NMRC makes official intimation of award/ rejection to the Bidders. While the Proposals are under consideration, Bidders and/ or their representatives or other interested parties are advised to refrain from contacting by any means, NMRC and/ or their employees/ representatives on matters related to the Proposals under consideration till the time Contract is awarded.
- b. Any effort by a Bidder to influence NMRC in its decisions on e-Bid evaluation, e-Bid comparison or contract award may result in rejection of the Bidder's e-Bid.
- c. In the event of any information furnished by the Contractor is found false or fabricated the minimum punishment shall be debarred/ blacklisting and the legal proceeding may also be initiated.
- d. If the Bidder wishes to bring additional information to the notice of NMRC, he/she can do so in writing. All correspondence/ enquiry should be submitted to the following in writing by fax/ post/courier:

DGM (RS, Ops & Elect)
Noida Metro Rail Corporation (NMRC) Limited
Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29,
Noida -201301
District Gautam Budh Nagar, Uttar Pradesh
Email: avikdmrc@gmail.com, nmrcsandel@gmail.com
- e. No interpretation, revision, or other communication from NMRC regarding this solicitation is valid unless in writing and signed by the competent authority from NMRC.

4.10. Other Instruction

- a. Canvassing in connection with the tenders is strictly prohibited and the tenders, submitted by Bidder, who resort to canvassing, are liable to be rejected. EMD will be forfeited of those tenders who will be found non-serious and if it is felt by the tender committee that the Bidders submitted their tender only to influence the tendering process.
- b. On acceptance of the tender, the name of the accredited representative of the Contractor, who would be responsible for taking instructions from NMRC or the official deputed by NMRC, shall be communicated to NMRC or the official deputed by NMRC in writing.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

4.11. Project Financial Terms

4.11.1. Payment Terms

- a. The payment for items given in Bill of Quantity/Pricing Document shall be made based as per SCC clause S. No-23, **Sub-Clause 11.6.**
- b. The work executed against the BOQ items would be paid on measurement basis.
- c. The Contractor may raise their 'On Account bill as per SSC clause no.-23 sub clause no. 11.6''.

4.12. Contractor's Labour Camp

4.12.1. Employer not to provide Quarters for Contractor's Labour

The Employer will not provide living accommodation for the use of the Contractor or any of his staff or labour employed on the Works. Living accommodation shall not be established on any land provided to the contractor by the Employer.

4.12.2. Provision of Labour Camp

The Contractor, shall, at his own expense, make adequate arrangements for the housing, supply of drinking water and provision of bathrooms, latrines and urinals, with adequate water supply, for his staff and workmen directly or through sub-contractors employed on the Works at the location authorised by Engineer. No labour camp shall be allowed at work site or any unauthorised place. The Contractor at his own cost shall maintain all campsites in a clean and sanitary condition. The Contractor shall obey all health and sanitary rules and regulations and carry out at his cost all health and sanitary measures that may, from time to time, be prescribed by the Local/Medical Authorities and permit inspection of all health and sanitary arrangements at all times by the Employer, Engineer and the staff of the local municipality or other authorities concerned. Should the Contractor fail to provide adequate health and sanitary arrangements these shall be provided by the Employer and the cost recovered from the Contractor. The Contractor shall at his own cost, provide First Aid and Medical facilities at the Labour Camp and at work sites on the advice of the Medical Authority in relation to the strength of the Contractor's staff and workmen, employed directly or through sub-contractors. The Contractor shall at his own cost, provide the following minimum requirements for fire precautions:

- Portable Fire Extinguishers
- Manual Fire Alarms
- Water Supply for use by the Fire Service.

The Contractor at his own cost shall provide necessary arrangements for keeping the camp area sufficiently lighted to avoid accidents to the workers. He should also ensure that electrical installations are done by Trained Electricians. These installations shall be maintained, and daily maintenance records must be made available for inspection of the Engineer.

4.12.3. Camp Discipline

The Contractor shall take requisite precautions and use his best endeavours to prevent any riotous or unlawful behaviour by or amongst his workmen, and others, employed directly or through sub-contractors. These precautions shall be for the preservation of the peace and protection of the inhabitants and security property in the neighbourhood of the Works. In the event of the Employer requiring the maintenance of a Special Police Force at or near the site, during the tenure of the work, the expenses thereof shall be borne by the Contractor and if paid by the Employer, shall be recoverable from the Contractor. The sale of alcoholic drinks or other intoxicating drugs or beverages upon the work, in any labour

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

camp, or in any of the buildings, encampments or tenements owned or occupied by, or within the control of, the Contractor or any of his employees directly or through subcontractors employed on the work, shall be forbidden, and the Contractor shall exercise his influence and authority to secure strict compliance with this condition. The Contractor shall also ensure that no labour or employees are permitted to work at the site in an intoxicated state or under the influence of drugs. The Contractor shall remove from his camp such labour and their families, as refuse protective inoculation and vaccination when called upon to do so by the Engineer on the advice of the Medical Authority. Should Cholera, Plague or any other infectious disease break out, the Contractor shall at his own cost burn the huts, bedding, clothes and other belongings of or used by the infected parties. The Contractor shall promptly erect new huts on healthy sites as required by the Employer, within the time specified by the Employer, failing which the work may be done by the Employer and the cost recovered from the Contractor.

4.12.4. Labour Accommodation

The Contractor shall provide living accommodation that is equal to or exceeds the minimum criteria established in the following sub-sections, needed to house his staff, workers employed directly or through sub-contractors. The buildings shall be constructed to have a minimum life of not less than the length of the Contract.

- a. The roofs shall be watertight and laid with suitable non-flammable materials permissible for residential use under local regulations and for which the consent of the Engineer has been obtained.
- b. Each hut shall have suitable ventilation. All doors, windows, and ventilators shall be provided with security leaves and fasteners. Back-to-back units may be avoided.
- c. The minimum height of each unit shall be 2.10m and shall have separate cooking place.
- d. Suitable no. of common toilet/bath shall be provided.

4.12.5. Water Supply

The Contractor shall provide an adequate supply of water for the use of labourers in the Camp. The provision shall not be less than two gallons of pure and wholesome water per head per day for drinking purposes and three gallons of clean water per head per day for bathing and washing purposes. Where piped water supply is available, supply shall be at stand posts and where the supply is from wells or river, tanks which be of metal or masonry shall be provided. The Contractor shall also at his expense plan for the provision and laying of water pipe lines from the existing mains wherever available and shall pay for all the fees and charges thereof.

4.12.6. Drainage

The Contractor shall provide efficient arrangements for draining away sewage water to keep the camp neat and tidy. Surface water shall be drained away from paths and roads and shall not be allowed to accumulate into ditches or ponds where mosquitoes can breed.

4.12.7. Sanitation

The Contractor shall arrange for conservancy and sanitation in the labour camps according to the rules and regulations of the Local Public Health and Medical Authorities. The Contractor shall provide a sewage system that is adequate for the number of residents in the camp, and which meets the requirements of the Municipality Authorities.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

5. Section 5: Special Conditions of Contract (SCC)

SCC Clause	Reference to GCC Sub-Clause No.	Description
1	Sub-Clause 3.2	<p>Functions of Engineer</p> <p>In addition to the duties mentioned in Clause 3.2 of General Conditions of Contract:</p> <p>(i) Shall watch and inspect the Works, monitor and examine any material to be used and workmanship employed by the Contractor in connection with the Works;</p> <p>(ii) Shall carry out such duties and exercise such powers vested in the Engineer in accordance with the provisions of the Contract;</p> <p>(iii) Shall issue instructions which in his opinion are necessary for the execution of the Works; and</p> <p>(iv) May issue any other instruction which in his opinion is desirable in connection with the Works.</p> <p>In case The Engineer is employee of any agency hired by the Employer, the Engineer shall take the approval of the Employer for all technical and financial matters otherwise he shall be deemed to have taken the approval of the Employer.</p>
2	Sub Clause 4.2.1	<p>PERFORMANCE SECURITY</p> <p>This Clause is deleted in SCC & GCC Clause is applicable.</p>
3	Sub-Clause 4.4	<p>Coordination with other Contractors</p> <p>The contractor shall plan and execute work in coordination and in co-operation with other contractors working for adjacent.</p>
4	Sub-clause 4.5	<p>Sub-contractors</p> <p>The work should not be sublet.</p>
5	Sub-Clause 4.10	<p>Sufficiency of Tender</p> <p>The Bidder shall be entirely responsible for sufficiency of rates quoted by him in his tender.</p> <p>The Contractor (Successful Bidder) shall be paid for only at quoted/accepted rates for the items of works executed as per BOQ.</p>
6	Sub-Clause 4.11	<p>Access Route</p> <p>All operations for the execution of the Works shall be carried out so as not to interfere unnecessarily with the convenience of the public or the access to public or private roads or footpaths or properties owned by the Employer or by any other person.</p> <p>The Contractor shall select routes, choose and use vehicles so that movement of Contractor's Equipment, Plant and Materials from and to the Site is limited so that traffic is not delayed and damage to highways and bridges is prevented. If there is any delay or damage or injury, the cost of rectification or reconstruction of highways or bridges shall be borne by the Contractor. The Contractor shall indemnify the Employer in respect of all claims, demands, proceedings, damages, costs, charges and expenses whatsoever arising out of or in relation to any such matters</p>
8	Sub-Clauses 4.16 and 6.7	<p>Safety Precautions</p> <p>The Contractor is required to make himself aware of all the requirements of the Employer's Safety, Health and Environmental Manual in this regard and comply with them. The Site Safety Plan shall include detailed policies, procedures and regulations which, when implemented, will ensure compliance with Sub-Clauses 4.16 and 6.7 of General Conditions of Contract.</p>

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

SCC Clause	Reference to GCC Sub-Clause No.	Description
		<p>The Contractor shall, from time to time and as necessary or required by the Engineer, produce supplements to the Site Safety Plan such that it is at all times a detailed, comprehensive and contemporaneous statement by the Contractor of his site safety and industrial health obligations, responsibilities, policies and procedures (under the laws of India) or as stated in the Contract or elsewhere relating to work on Site If at any time the Site Safety Plan is, in the opinion of the Engineer, insufficient or requires revision or modification to ensure the security of the Works and the safety of all workmen upon, and visitors to the Site, the Engineer may instruct the Contractor to revise the Site Safety Plan. The Contractor shall, within 14 days, submit the revised plan to the Engineer for review.</p>
9	Sub-Clause 4.17	<p>Protection of the Environment The Contractor shall maintain ecological balance by preventing deforestation, water pollution and defacing of natural landscape. The Contractor shall, so conduct his cleaning operations, as to prevent any avoidable destruction, scarring or defacing of natural surroundings in the vicinity of work. In respect of ecological balance, the Contractor shall observe the following instructions</p> <p>(a) Where destruction, scarring, damage or defacing may occur as a result of operations relating to construction and maintenance activities, the same shall be repaired, replanted or otherwise corrected at Contractor's expense. All work areas shall be smoothed and graded in a manner to confirm to natural appearance of the landscape as directed by the Engineer.</p> <p>(b) All trees and shrubbery, which are not specifically required to be cleared or removed for cleaning purposes, shall be preserved and shall be protected from any damage that may be caused by Contractor's cleaning operations and equipment. The removal of trees or shrubs will be permitted only after prior approval by the Engineer. Trees shall not be used for anchorage. The Contractor shall be responsible for injuries to trees and shrubs caused by his operations. The term "injury" shall include, without limitation, bruising, scarring, tearing and breaking of roots, trunks or branches. All injured trees and shrubs shall be restored as nearly as practicable, without delay, to their original condition at Contractor's expenses.</p> <p>(c) The Contractor shall provide all necessary access, assistance and facilities to enable the Engineer and the Employer to monitor and conduct tests to verify that the Site Environmental Plan is being properly and fully implemented</p>
10	Sub-Clause 4.18	<p>Electricity and Water Electricity and water shall be arranged by the contractor on his own and at his cost.</p> <p>If available, the Employer may provide Water supply and Electricity on chargeable basis. The contractor shall make his own arrangements to tap the Electricity from the nominated and existing sockets/ points. The contractor shall tap the Electricity as per IE Rules & IE Act (Latest) duly complying all safety precautions and under following conditions:</p>

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

SCC Clause	Reference to GCC Sub-Clause No.	Description
		<p>(a) The contractor shall submit full scheme for the requirement of Electricity & water. If scheme mentions Electricity requirement which is beyond the capacity of the Employer, in that case the contractor shall make his own arrangements/ alternative arrangements.</p> <p>(b) The Contractor should make his own arrangements to draw the water from the available water point to the working place without affecting the premises</p>
11	Sub-Clause 4.19	<p>Employer Supplied Machinery and Materials The <i>Employer will not provide</i> any machinery or materials under the Contract.</p>
12	Sub Clause 4.27	<p>Security of the Site The Contractor shall take all measures necessary to ensure such security, including exercising control over all persons and vehicles which are employed or engaged on the Site or in connection with the Works or the other works comprising the Project and with the security arrangements applicable to any other site within the Project.</p> <p>The Contractor shall arrange the issue of passes for the admission of all persons and vehicles to the Site or to any part thereof and may refuse admission to or remove from the Site any person or vehicle failing to show an appropriate pass on demand to any duly authorised person.</p> <p>If required by the Engineer, the Contractor shall submit a list identifying all persons to whom passes have been issued together with two photographs of each person and all entities to which a pass has been issued in respect of any vehicle and shall satisfy the Engineer of the bonafides of any such person or entity.</p> <p>The Contractor shall not, without the written permission of the Engineer or otherwise in accordance with the Contract, allow access to the Site to any person unless the presence on Site of such person is necessary in connection with the execution of the Works or with the discharge of the duties of any relevant authority.</p> <p>For the purposes of this Clause only, "Site" shall include off-Site places of manufacture or storage and the Contractor's Work Areas and shall include, areas provided to the Contractor by others.</p>
13	Sub-Clause 5.3	<p>Submission of Documents The Contractor shall submit scheme of work, documents, as required by the Contract, to the Engineer in accordance with any submittal schedule agreed with the Engineer. This submittal shall be made sufficiently before the Works are to be carried out to give the Engineer and the Employer reasonable time to examine the drawings or other documents, to prepare comments and for any changes to be accommodated by the Contractor.</p> <p>Where the consent of the Engineer is required, the Engineer shall notify the Contractor in writing of his decision either within such period as may expressly be stipulated in the Contract or otherwise within a reasonable time.</p> <p>The Operation and Maintenance Manuals and drawings submitted by the Contractor shall, if required, be updated by him during the Defects Liability Period and re-submitted for review by the Employer's Representative.</p>

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

SCC Clause	Reference to GCC Sub-Clause No.	Description
15	Sub-Clause 6.4	<p>Labour Laws The Contractor shall, if required by the Employer, deliver to the Engineer or to his office; a return in detail, in such form and at such intervals as the Employer may prescribe, showing the number of labours employed in different categories by the Contractor for the entire work.</p> <p>The contractor must ensure compliance of all the labour laws including obtaining labour licence and registration of workers with BOCW Board.</p>
16	Sub-Clause 6.6	<p>Housing Facilities The Contractor shall have to make his own arrangements for housing facilities for his staff.</p>
17	Sub-Clause 6.7	<p>Health and Safety Contractors are required to take care of his labour/site staff working at site if any mishappening occurred.</p>
18	Sub Clause 7.0	<p>Quality Control The Contractor shall appoint a suitably qualified and experienced person, not otherwise engaged in the performance of the Contract, to act as manager of the quality assurance system and shall provide such other personnel and resources as required to ensure effective operation of the quality assurance system. The said manager shall carry out audits of the application of the quality assurance system and ensure effective quality control and delivery of quality assurance.</p> <p>The Contractor shall provide all necessary access, assistance and facilities to enable the Engineer to carry out surveillance visits both on and off the Site to verify that the quality assurance system is being properly and fully implemented. No extra payment shall be made in this regard and the cost of the Work under this element shall be deemed to be included in the Contract Price.</p>
19	Sub Clause 10.1	<p>Defect liability period The Defect liability period (DLP) of new work shall be 12 months from the date of issue of completion certificate for the whole of the works. Defect Liability Period: For supply and installation of new items only and for CAMC work liability till handover of all the equipments to the department in healthy condition.</p> <p>Work by persons other than the Contractor. If by reason of any accident or failure or other event occurring to, in, or in connection with the Works any remedial or other work shall, in the opinion of the Engineer, be urgently necessary and the Contractor is unable or unwilling at once to do such remedial or other work, the Engineer may authorise the carrying out of such remedial or other work by a person other than the Contractor. If the remedial or other work so authorised by the Engineer is work, which, in the Engineer's opinion, the Contractor was liable to do under the defect liability period Contract, all expenses properly incurred in carrying out the same shall be recoverable by the Employer from the Contractor, provided that the Engineer shall, as soon after the occurrence of any such emergency as may be reasonably practicable, notify the Contractor thereof in writing.</p>
20	Sub-Clause 11.1 Sub-Clause	Contract Price & Payment

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

SCC Clause	Reference to GCC Sub-Clause No.	Description
	<p>11.1.1</p> <p>Sub-Clause 11.1.4</p>	<p>In respect of All-Inclusive Contract The Contract Price, subject to any adjustment thereto in accordance with the contract conditions, shall be all inclusive (including all taxes, duties, royalties etc.)</p> <p>Change in Taxes Duty</p> <p>(a) "Change in Taxes/Duties/Levies" means the occurrence or coming into force of the following, at any time after the date of submission of tender.</p> <p>(i) Any new tax which is imposed on Composite Works Contractors applicable on Metro Project.</p> <p>(ii) Change in the rate of GST on Composite Works Contractors applicable on Metro Project as Per GST Act.</p> <p>(b) The Contract Price shall be adjusted due to any of the above two conditions. Adjustment in contract price will be applicable up to the stipulated date of completion of work including the extended period of completion where such extension has been granted under sub clause 8.4.1 of GCC or it is specifically mentioned that extension is with adjustment for changes as stated above.</p> <p>(c) If the extension of contract period is on account of contractor's fault under Sub-clause 8.4.3 of GCC, no compensation shall be made towards upward revision towards "change in Taxes/Duty (taking place during the said extended contract period)" as mentioned at Sl. No. (a) (i) & (ii) above, during the original contract period or extended contract period shall be on employer's account.</p> <p>(d) Any other changes (except on account of clause (a) (i) & (ii) above) in existing taxes/new taxes on supply of materials/services/works etc. will not be considered and its impact shall be considered covered in the price variation clause provided in the Contract and in Contract where Price Variation clause is not provided, the impact on any other change (except on account of clause (a) (i) & (ii) above) in existing taxes/new taxes on supply of materials/services/works etc. will be deemed to be included in the quoted contract price.</p> <p>(e) Also, the contract price shall not be adjusted on account of fluctuations in the rates of exchange between the foreign currencies of the contract and Indian rupees from the last date of submission of tender.</p>
21	Sub clause 11.1.3	<p>Price Variation This is a fixed price contract and no Price Variation is admissible in this contract.</p>
22	Sub-Clause 11.2	<p>Advance No Advance is admissible in this contract.</p>

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

SCC Clause	Reference to GCC Sub-Clause No.	Description
23	Sub-Clause 11.6	<p>Payment For the purpose of On-account payment, the contractor shall submit detailed activities carried out as per BOQ recorded in Measurement sheets, Abstract sheets along with recorded bill for the item actually executed for checking and payment. Payment will be affected based on unit rates as approved in the Bill of Quantities.</p> <p>Payment Instalments and ratio: a) CAMC items of BOQ payment: Quarterly. b) Scheme approval and delivery of BOQ items for new work: 50% of the cost may be released after successful delivery for materials on site. c) Installation and testing and commissioning of new work: 50% of the charges may be released after successful installation & commissioning of items as per direction of E/I.</p> <ul style="list-style-type: none"> • Equipments layout drawing(s) & manuals with material specification giving complete details of the entire equipments. Electrical drawings for the entire electrical equipments showing cable sizes, equipment capacities, switch-gear's ratings, control components, control wiring etc. • Clearance from the local fire department of this office.
24	Sub-Clause 15.0	<p>Insurance (a) The contractor shall insure against liability to third parties in the joint name of the Employer and the contractor for any loss, damage, death or injury which may occur to any physical property (except things insured otherwise) or any person (except person insured by employer, staff of other contractor working in the premises, contractor's staff under sub clause above which may arise out of the performance of the contract. The insurance shall be at least for the amount of INR 7,50,000/- for each incident. (b) Insurance cover for Contractor's All Risk shall be full value of Contract price.</p>
25	Sub-Clause 18.1	<p>Notices and Instructions The Contractor shall furnish to the Employer/Engineer the postal address of his office at Delhi NCR. Any notice or instructions to be given to the Contractor under the terms of the contract shall be deemed to have been served on him if it has been delivered to his authorized agent or representative at site or if it has been sent by registered post to the office, or to the address of the firm last furnished by the Contractor.</p> <p>The Contractor shall establish an office in the Delhi NCR in consultation with the in charge for planning, co-ordination and monitoring the progress of the Work and intimate the same in writing to in charge. In addition, the Contractor may set up field offices at convenient and approved locations for co-ordination and for monitoring the progress of fieldwork at his own cost.</p>
	Additional	<p>GENERAL CONDITIONS OF CONTRACT a. This contract will be governed by NMRC's General Conditions of Contract and Special Conditions of Contract. The later will have priority over the earlier one in case of any ambiguity in any of the clause. b. All conditions mentioned in the General Conditions of Contract (GCC) will be applicable in addition to above.</p>

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

6. Section 6: Technical Specifications

6.1. Conditions Governing the Contract

The special conditions of contract contained herein shall be supplemented to the general conditions of the contract and in event of any conflict or inconsistency between them; Special conditions of the contract will supersede the General conditions of the contract.

6.2. Scope for Work

The work covered in the tender includes Supply, Installation, Testing and Commissioning of Fire suppression & detection, maintenance & Repair, DC maintenance etc. for NMRC Office - DLP of 1 (One) Year from the date of commissioning for **new work**.

a. Fire alarm panel and other associated accessories to be selected as per existing model installed in the office. Hence site may be visited before finalization of tender.

- b. The NMRC shall inform the contractor through telephone or through writing whenever problem occurs in proper functioning of equipment. The contractor shall confirm by issue of suitable case number regarding the complaint. The contractor must give the telephone number on which the contractor may be contacted during any time of the day **(24X7 hrs to attend to the complaint)**
- c. Maintenance service covered under the contract. Maximum restoration time shall not exceed **24 hours Equipment.**
- d. The Equipment shall be attended as early as possible from the instant information is given by NMRC representative by Phone /Fax/Email.
- e. Complete support to be extended by the contractor.
- f. A log book will be maintained by the NMRC representatives in which day to day failures and problems notice will be entered and informed to the contractor giving date and time. The contractor's Engineer/ representative has to fill up the log book as per schedule maintenance checkup giving the details as well as corrective measures taken by the contractors engineer with date and time in the informed failure.
- g. Trained and supervisory NMRC staff shall be permitted to minor urgent changes if required for which suitable log will be maintained by NMRC staff.
- h. The firm should specify the name, contact number and address of the service personnel responsible for providing the Comprehensive Annual Maintenance service contract.
- i. In addition to the preventive maintenance, the contractor shall attend break down calls whenever emergency arises and there will be no limit for such calls. All the tools and testing instruments required for checking testing and attending to routine maintenance and breakdowns shall be arranged by the contractor.
- j. All the tools and testing instruments etc. required for checking testing and attending to routine maintenance and breakdowns shall be arranged by the successful bidder.**

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

- k. The contractor's staff will carry the routine spares required for preventive maintenance to ensure minimum down time without any additional cost. In addition to those spares contractor will also arrange other spares if required without any additional charges.
- l. In case of major repairs necessitating removal of the equipment to the contractor's service center, the system or its parts are reinstalled at the owner's premises after repairing the set-in working condition.
- m. If the repair time is likely to exceed 24 hrs, then the contractor will provide standby equipment at contractor's cost.**
- n. The contractor shall depute only competent and efficient staff for routine maintenance as well as the break downs.
- o. The Contractor shall furnish to the NMRC the Name, Addresses and Telephone number of the Engineers responsible for the maintenance work. Name and telephone Number of Engineer who can be contacted after office hours and Sunday/Holydays shall also be furnished to the NMRC. Contractor shall provide identification to their Engineers and staff authorized to attend the maintenance work so as to facilitate verification by representative of NMRC.
- p. Communication handed over to the contractor's personal at site / office shall deem to have reached their office.
- q. At the end of each major break down repair, contractor's Engineers should prepare a service report and submit the same to the office of the authorized NMRC person concerned.

6.3. Maintenance

The contractor shall visit the site periodically and maintain the systems, sub-systems and associated equipment with their maintenance engineer for a period of 1 Year of DLP period from the date of issue of acceptance certificate for the system/sub-system of **new work**. The services of maintenance engineer shall be available as and when required by the NMRC representative. The contractor shall ensure that the NMRC personnel are fully acquainted, trained and familiar with detailed procedure to be followed for proper testing, troubleshooting and satisfactory maintenance of the systems and sub-systems.

The following checks are required to be performed on regular basis and all the activities are to be recorded in the log book with date and time –

a. Fire Alarm cum Detection System

i. Monthly Maintenance

- Checking the circuit of each zone from the panels for their proper functioning
- Checking proper connectivity between zonal panel and main panel
- Performance check of the hooters should be done

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

- Performance check of manual call points, smoke/heat detectors and Response Indicator
- Checking of performance of battery of each panel

ii. Quarterly Maintenance

- Checking circuit of each zone by actually disconnecting wire by removing a detector
- Checking fire circuits by actual smoke to one detector of each zone
- Cleaning of all type of detectors with a cloth piece from outside
- Each zone of Fire alarm and detection System should be checked with the help of smoke

iii. Half Year Maintenance

- Cleaning all the detectors with cleaner.
- Performance of system and smoke to one detector before they are cleaned
- Mock drill for evacuation of building should be carried out in every six month and assist the Engineer-in charge

The above list is suggestive only. The firm may carry out other checks also to ensure the system to be functional at all time. After performing above mentioned checks, defects found should be immediately rectified.

b. Fire Sprinkler System

i. Monthly Maintenance: The following monthly inspections shall be performed by contractor staff: Visually inspect control valves to ensure that they are:

- In the normal open position
- Accessible
- Properly sealed
- Locked and/or supervised
- Free from leaks
- Provided with appropriate signage identifying the portion of the system they control
- Visually inspect gauges on wet pipe systems to verify that they are in good condition and that normal water pressure is being maintained.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

- **Test line must be checked on weekly basis.**

ii. **Quarterly Maintenance:** The following quarterly inspections are in addition to those required monthly:

- For hydraulically designed sprinkler systems, inspect the hydraulic nameplate to verify that it's securely attached to the sprinkler riser and is legible.
- Inspect alarm devices to verify that they are free of physical damage.
- Inspect fire department connections to verify that: They are visible and accessible ; Couplings or swivels are not damaged and rotate smoothly; Plugs or caps are in place and not damaged; Gaskets are in place and in good condition ; Identification signs are in place; The check valve is not leaking; The drain valve is in place and operating properly)

iii. **Annual Maintenance:** In addition to the monthly and quarterly inspections and tests, specific inspection, testing and maintenance services that need to be performed on an annual basis.

- A check of all sprinklers, hangers, pipe and fittings
- Testing of the main drain
- Testing of any antifreeze solution used
- Testing and maintenance of valves

6.4. Materials

a. Materials to be supplied by the contractor for execution of the work are indicated in schedule. The contractor shall take delivery of the materials at NMRC. However any other material not specifically mentioned herewith but is required for supply, testing, commissioning, and training shall be provided by the bidder at his own cost.

b. The contractor will, however, have to procure all the tools and plants required for executing the labour portion of the work and before the actual commencement of the work the contractor will satisfy the NMRC that he has procured all the necessary tools plants required of the quality. The contractor shall engage his own labour and supervisor for the execution of the covered in the contract.

c. The contractor shall supply all the materials as mentioned in schedule and transport the equipment to the work site at his own cost.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

6.5. Use of Technical Terms and Conditions

Definition of technical terms and symbols used in circuit shall be as per Indian standard specification and where such specifications are not available; they should be of British standard specifications

6.6. Warranty / Defect Liability Period (DLP)

The contractor shall warranty that everything to be furnished under this contract shall be free from defects and faults in design, materials, workmanship and manufacture and shall be of the highest grade and consistent with the established and generally accepted standards for goods of the type ordered and in full conformity with the contract specifications and samples, if any and shall if operable, operate properly. This warranty shall commence from the date of issue of acceptance certificate of the installation. It shall be 1 (One) Year of new work from the date of issue of acceptance certificate of new work. The contractor's liability in respect of any complaints/defect and/or claims shall be limited to the furnished

6.7. Tenderer's Drawing and Specification

Tenderer shall furnish with his tender, technical specifications and pamphlets, drawings or reference for all the equipment to be supplied for the contract.

6.8. Supply to Materials to Specifications

All the materials and equipment to be supplied and used for execution of work shall be of Industrial grade. The tenderer has to load, unload and transport the same to the worksite at his own cost. No additional amount will be paid by NMRC.

6.9. Inspection of Equipment

The bidder is required to furnish necessary documents / certificates duly approved by accredited laboratories/ agencies to support the following inspection test undertaken during manufacturing and prior to delivery as mentioned in Technical Specification and in the SCC of the Tender document. The documents /certificates are to be submitted by the bidder in the technical bid. All cost towards inspection will be borne by the bidder.

- a. If the product which arrives at the destination does not meet the requirements of the specification, it will be rejected.
- b. The cost of all tests and/or analysis affected at the manufacturer's or contractor's works shall also be borne by the contractor.

6.10. Acceptance Tests

- a. Immediately after the completion of the work, the contractor shall certify and advise the purchaser in writing that the installation is:
 - i. Complete

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

ii. Ready for satisfactory commercial service and

iii. Ready to be handed over.

b. Any component, modules, sub-assemblies or equipment failing during the commissioning test shall be replaced/repared free of cost by tenderer.

c. NMRC shall issue an Acceptance certificate for successful commissioning of section covering all materials and services after the final acceptance test as per the approved test procedure have been completed and the performance has been found to meet the specifications. NMRC decision in this respect shall be final. The Acceptance Certificate shall be signed by both the parties. The period of maintenance (DLP) of works shall commence from the date of issue of Acceptance Certificate.

d. During this period of maintenance supervision if any lacuna is noticed in the functioning, as a result of any work, the contractor will rectify the same free of cost. During such rectification if any faulty equipment/modules need replacement or repair, they shall be provided by the contractor from the set of equipment or modules that the contractor should bring to the site of installation in addition to all the materials to be supplied against this contract.

6.11. Other Conditions

a. The Bidders are advised before bidding to see carefully the site of work & study architectural & structural drawings for the location under the scope of this tender.

b. In giving their rates, the Bidders should take into account all fluctuations of market construction rates of materials, as no claim shall be entertained on this account during the acceptance of the tender and the currency of the contract.

c. After fifteen days of signing of Agreement, the contractor shall have to notify in writing the name of his two authorized representatives one of them will always be available at the site of work to receive the orders / instructions by Engineer in charge and the other for issue of materials and other miscellaneous works. The contractor shall be fully responsible for the orders/ instructions received by his representatives regarding quality, progress and materials from the Engineer-in-charge or any higher officer of NMRC.

d. Contractor shall have to make their own arrangement of water and electricity for construction work at site. All the building material for the work shall be arranged by the contractor at his own cost.

e. The contractor shall be fully responsible for setting out the works and for the correctness of the positions, levels, dimensions and alignments strictly according to the plan / architectural and structural drawings (shall be provided without any charge) and all necessary instruments, pegs poles and other material required for the purpose, failing which the contractor will be penalized as applicable.

f. A Cement consumption register shall be maintained at the site by the department for material brought by contractor as per CPWD Manual/Specification. The contractor or

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

his authorized representative / agent shall have to sign the register daily in token of the consumption of material consumed daily at work site.

- g. The contractor shall at all times keep the premise free from accumulated waste material or rubbish caused by his employees on the work and on completion of the work he shall clear away whole site from such material and fill up the borrow pits / cuts dug by him. He will leave whole of the site and work clear in a workman like. Nothing extra shall be paid to contractor for this clearing up.
- h. The contractor shall maintain and keep the area in agreed sanitary condition for the use of men engaged in the work by him and shall remove and clear all structures etc. which may have been setup by the contractor for accommodating his staff / labour on the completion of work to the satisfaction of the Engineer in charge.
- i. Every Project proponent shall be under obligation to provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relatable to dust emission.
- j. All builders/owners should take appropriate measures and strictly comply with by fixing sprinklers and creations of green air barriers on construction site.
- k. Compulsory use of wet-jet in grinding and stone cutting.
- l. Wind breaking walls around construction site and proper maintenance of greenbelt should be answered.
- m. All builders shall ensure that C&D waste is transported and disposed to the C&D waste site only and due record in that behalf shall be maintained by the builders and transporters.
- n. It shall be the responsibility of every builder that all the construction material and debris shall be carried in the trucks or other vehicles which are fully covered and protected so as to ensure that the construction debris or the construction material does not get dispersed into the air or atmosphere, in any form whatsoever.
- o. The vehicles carrying construction material and construction debris of any kind should be cleared before it is permitted to ply on the road after unloading of such material.
- p. The entry and exit points design is very important as it should not disturb the existing traffic. This clear demarcation of entry and exit points is important.

6.12. Submission of Documents

- 1. If it shall appear to the NMRC that any work has been executed with imperfect or unskilled workman or with materials of any inferior description, or of quality inferior to that contracted for, or otherwise not in accordance with the contract, the contractor shall on demand in writing from the NMRC or his representative specifying the work, materials or articles complained of, notwithstanding that the same may have been inadvertently passed, certified and paid for forthwith rectify or remove and reconstruct that work so specified and provide other proper and suitable materials or articles at his own charges and cost, and in the event of failure to do so within a period to be specified by the NMRC or his demand aforesaid, the In charge may on expiry of notice period rectify or remove, re-execute the work at the risk of Contractor and the cost shall be recovered from the

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

Contractor. The decision of the NMRC as to any question arising under this clause shall be final and conclusive.

2. The Contractor shall submit ready to handover certificate, health status of each machine, warranty certificates of supplied items and necessary documents wherever required or as required by the Engineer in charge.
3. This submittal shall be made sufficiently before the Works are to be carried out to give the Engineer and the Employer reasonable time to examine the other documents, to prepare comments and for any changes to be accommodated by the Contractor.
4. Where the consent of the Engineer is required, the Engineer shall notify the Contractor in writing of his decision either within such period as may expressly be stipulated in the Contract or otherwise within a reasonable time.

It is to be noted:

- a. On-site training shall be provided to the NMRC staff/ personnel which shall include complete assembly of each types of system through the use of various modules, integration of hardware with software and complete operation of the system.
- b. Sets of training manual in two hard copies and two soft copies for each equipment containing details of the technical specifications, installation and commissioning, & maintenance schedule etc. shall be supplied along with the system.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

7. Section 7: Draft Contract Agreement

THIS AGREEMENT made on the day of 2024 at Noida, District Gautam Budh Nagar, Uttar Pradesh Between **Noida Metro Rail Corporation Limited** (Hereafter referred to as "NMRC"), a company incorporated under Companies Act 2013, vide corporate identification Number: U60231UP2014SGC066849 and having its registered office at **Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29, Noida -201301, District Gautam Budh Nagar, Uttar Pradesh, India** represented by of the company, by virtue of his designation and authorization by, **Managing Director, NMRC** (hereinafter called as the "Employer"), which expression shall unless excluded by or repugnant to the context or meaning thereof be deemed to include its successors and permitted assigns) of the one part,

AND

..... having its registered office at, represented by (herein after called the "**Contractor**", which expression shall unless excluded by or repugnant to the context or meaning thereof be deemed to include its successors and permitted assigns) of the other part. WHEREAS the Employer desires that the Works known as the "....." should be executed by the Contractor and has accepted a contract by the Contractor for the execution and completion of these Works.

The Employer and the Contractor agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement -

Reference:

- (i) Tender No. Dated
- (ii) Bid Documents duly accepted and submitted by dated
- (iii) The Bidding Documents which include all the Sections specified below:
 - a. Section 1: General Information
 - b. Section 2: Terms of Reference
 - c. Section 3: Instructions to Bidders
 - d. Section 4: Qualification, Evaluation and Selection Process
 - e. Section 5: Special Conditions of Contract
 - f. Section 6: Technical Specifications

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

- g. Section 7: Draft Contract Agreement
- h. Section 8: Appendix and Forms
- i. General Conditions of Contract (GCC)
- j. Safety, Health and Environment Management (SHE)
- k. Amendment/ Modification, if any
- (iv) Notice of Award (.....) issued by NMRC
- (v) Letter of Acceptance of NOA (.....) given by to NMRC
- (vi) Any other admitted correspondence documents between NMRC and the Bidder.

3. Duration of Contract

The Corporation intends to appoint a Contractor to NMRC for a period of Twelve Months.

4. Price Schedule

NMRC shall consider the Total Contract Price, as quoted by the Contractor as part of financial bid.

5. The courts at District Gautam Budh Nagar, Uttar Pradesh shall have the exclusive jurisdiction to try all disputes arising out of this agreement between the parties.

6. In consideration of the payments to be made by the Employer to the Contractor as specified in this Agreement, the Contractor hereby covenants with the Employer to execute the Works and to remedy defects therein in conformity in all respects with the provisions of the Contract and Notice of Award issued. **"Any conditions, deviation, assumption, exclusion, suggestion of alternative clauses, request of amendments in conditions & specifications of work submitted by bidders along with his Technical Bid or Financial bid, which is different from the Tender Document, Corrigendum, Addendum uploaded by NMRC on the E-Tender Portal (<http://etender.up.nic.in>) or www.nmrcnoida.com and any other correspondence in this regard, shall not be treated as a part of the contract Agreement & shall not be binding upon NMRC in anyway whatsoever at any stage of work during execution or thereafter."**

7. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract and NOA.

IN WITNESS where of the parties hereto have caused this Agreement to be executed in accordance with the laws of India on the day, month and year specified above.

For and on behalf of the Contractor
Signature of the authorized official

For and on behalf of the Employer
Signature of the authorized official

Name of the official

Name of the official

Stamp/Seal of the contractor

Stamp/Seal of the Employer

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

In the presence of:

In the presence of:

Sign of Witness 1 _____

Sign of Witness 1 _____

Name _____

Name _____

Address _____

Address _____

Sign of Witness 2 _____

Sign of Witness 2 _____

Name _____

Name _____

Address _____

Address _____

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8. Section 8: Appendix and Forms of Tender

8.1. Appendix 1: Metro Alignment



Fig: The Upcoming Metro Line

Please Note: The map shown above is indicative (not to scale)

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.2. Appendix 2: Quality Assurance

The Contractor shall implement a Project Quality Management Plan in accordance with ISO9001 "Quality System - Model for Quality Assurance in Design/Development, Production, Installation and Servicing" to ensure that all materials, workmanship, plant and equipment supplied, and work done under the contract meets the requirements of the contract. This plan shall apply to all activities related to the quality of items, including designing, purchasing, inspecting, handling, assembling, testing, storing, and shipping of materials and equipment and different elements of maintenance work and installations of system components.

The Quality Plan to be prepared by the Contractor and submitted to the Engineer shall follow the requirements of ISO 9000 and address each element therein.

Registration of the Contractor's organisation, or subcontractors or sub-consultants is not required for this Project, but the Project Quality Management Plan as submitted shall meet the intent of the ISO 9000 requirement in that there is a comprehensive and documented approach to achieving the project quality requirements.

Quality Assurance Management Plan

The Project Quality Management Plan (PQMP) shall as a minimum address the quality system elements as required by ISO 9001, generally noting the applicability to the Contractor's Works Programme for the Project. Procedures or Quality Plans to be prepared by others (Suppliers, Subcontractors, and Sub-consultants) and their incorporation in the overall PQMP shall be identified.

The Contractor shall provide and maintain a Quality Assurance Plan (QA) to regulate methods, procedures, and processes to ensure compliance with the Contract requirements. The QA Plan, including QA written procedures, shall be submitted to the Engineer for his review.

Adequate records shall be maintained in a readily retrievable manner to provide documented evidence of quality monitoring and accountability. These records shall be available to Employer at all times during the term of the Contract and during the Defects Liability Period and for a five-year period thereafter.

The Plan shall identify:

- a. Design Process: that control, check and verify the accuracy, completeness and integration of the design shall be performed by certified personnel and in accordance with documented procedure that have the written consent of the Engineer.
- b. Special Processes: that control or verify quality shall be performed by certified personnel and in accordance with documented procedures that have the written consent of the Engineer;
- c. Inspection and Test: Inspection and testing instructions shall provide for reporting non-conformances or questionable conditions to the Engineer; Inspection shall occur at appropriate points in the installation sequence to ensure compliance with drawings, test specifications, process specifications, and quality standards. The Engineer shall designate, if necessary, inspection hold points into installation or inspection planning procedures;
- d. Receiving Inspection: These procedures shall be used to preclude the use of nonconforming materials and to ensure that only correct and accepted items are used and installed;

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

- e. Identification and Inspection Status: a system for identifying the progressive inspection status of equipment, materials, components, subassemblies, and assemblies as to their acceptance, rejection, or non-inspection shall be maintained;
- f. Identification and Control of Items: an item identification and traceability control shall be provided;
- g. Handling, Storage, and Delivery: provide for adequate work, surveillance and inspection instructions.
- h. The Plan shall ensure that conditions adverse to quality such as failures, malfunctions, deficiencies, deviations, and defects in materials and equipment shall be promptly identified and corrected.
- i. The Plan shall provide for establishing and maintaining an effective and positive system for controlling non-conforming material including procedures for the identification, segregation, and disposal of all non-conforming material. Dispositions for the use or repair of nonconforming materials shall require the Engineers consent.

Plan Implementation and Verification

The Plan shall clearly define the QA Organisation. Management responsibility for the QA shall be set forth on the Contractor's policy and organisation chart. The Plan shall define the requirements for QA personnel, their skills and training. Records of personnel certifications shall be maintained and monitored by the QA personnel. These records shall be made available to the Engineer for review, upon request.

The QA operations shall be subject to the Engineers, Employer or Employer's authorised representative's verification at any time, including: surveillance of the operations to determine that practices, methods and procedures of the plan are being properly applied; inspection to measure quality of items to be offered for acceptance; and audits to ensure compliance with the Contract documents.

The contractor's Quality Audit Schedule shall be submitted to the Engineer for consent weekly or more frequently as required.

The results of Quality Audits shall be summarized in the Contractor's weekly reports.

The Contractor shall provide all necessary access, assistance and facilities to enable the Engineer to carry out on-site and off-site surveillance of Quality Assurance Audits to verify that the quality system which has the consent of the Engineer is being implemented fully and properly.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.3. Form 1: Letter of Proposal Submission

[Location, Date]

To

DGM (RS, Ops & Elect.)
Noida Metro Rail Corporation (NMRC) Limited
Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29,
Noida - 201301
District Gautam Budh Nagar, Uttar Pradesh

Subject: RFP for supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Fire fighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present).

Dear Sir,

We, the undersigned, offer to **supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Fire fighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)** in accordance with your RFP Document dated and our Proposal. We are hereby submitting our Technical and Financial Proposal, in a sealed envelope. We confirm that we have read the RFP Document in totality and abide by the terms and conditions stated in the document.

We acknowledge that we have

- Studied and analysed and satisfied ourselves about all the requirement of the tender including but not limited to market and market conditions
- Carefully assessed the commerciality of Project and that we will be fully responsible for all its assessment in this regard.
- Seen / visited / assessed the potential locations and fully understand and comprehend the technical, financial, commercial and investment requirements.

We have filled the complete information correctly in **Form 18**.

We hereby declare that all the information and statements made in this Proposal are true and accept that any misinterpretation contained in it may lead to our disqualification. Our Proposal is binding upon us.

We understand you are not bound to accept any Bid you receive.

Yours Sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name and address of Firm:

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.4. Form 2: Firm Details

1.	<p>Title and name of the Project: Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Fire fighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present).</p>
2.	<p>State the structure of the Bidder's organization (Bidders to complete/delete as appropriate) Sole Bidder</p>
3.	<p>For Bidders who are individual companies or firms, state the following: Name of Company or firm: Legal status: (e.g., incorporated private company, proprietorship, etc.) Registered address: Year of incorporation..... Principal place of business: Contact person: Contact person's title: Address, telephone, facsimile number and e-mail ID of contact person: </p>
4.	<p>JV & consortium not allowed.</p>
5.	<p>Employees Provident Fund No. (attach documentary proof) -</p>
6.	<p>Employees State Insurance Acts in India No. (attach documentary proof) -</p>
7.	<p>GST Registration No. (attach documentary proof) -</p>
8.	<p>PAN (attach documentary proof) -</p>

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.5. Form 3: Capability Statement

It is Compulsory for the bidder to fill this statement and the bidder must upload those document that support this statement

Tender Reference No : _____

Name of Work: _____

Name of Bidder: _____

S.No.	<u>ELIGIBILITY CRITERIA</u>	(To be filled by the Bidder)
1	Sole proprietorship, registered partnership firm, public limited company, private limited company can submit the Bid. The firms and the companies should be registered in India.	Yes/ No
2	<p>The Bidder should have a minimum experience of having satisfactorily completed similar works during last 7 (Seven) years period ending last day of month before the one in which the bids are invited should be either of the following:</p> <ul style="list-style-type: none"> i. One similar completed work costing not less than the amount equal to Rs. 34.24 Lakh (Rupees Thirty Four Lacs and Twenty Four Thousand only) or ii. Two similar completed works each costing not less than the amount equal to Rs. 21.40 Lakh (Rupees Twenty One Lacs and Forty Thousand only) or iii. Three similar completed works each costing not less than the amount equal to Rs. 17.12 Lakh (Rupees Seventeen Lacs and Twelve Thousand only) 	7 Years

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

S.No.	ELIGIBILITY CRITERIA	(To be filled by the Bidder)										
3	<p>The Bidder should have minimum average annual turnover of INR 42,79,139.23 (Rupees Forty two Lakh Seventy Nine Thousand One Hundred Thirty Nine and Twenty Three paise only) in the last 3 (three) Financial Years (2020-21, 2021-22, 2022-23) preceding the Bid Due Date.</p> <table border="1" data-bbox="730 376 1155 728"> <tr> <td data-bbox="730 376 963 443">FY 20-21</td> <td data-bbox="963 376 1155 443"></td> </tr> <tr> <td data-bbox="730 443 963 510">FY 21-22</td> <td data-bbox="963 443 1155 510"></td> </tr> <tr> <td data-bbox="730 510 963 577">FY 22-23</td> <td data-bbox="963 510 1155 577"></td> </tr> <tr> <td data-bbox="730 577 963 645">Total Turnover</td> <td data-bbox="963 577 1155 645"></td> </tr> <tr> <td data-bbox="730 645 963 728"><u>Average Turn-over</u></td> <td data-bbox="963 645 1155 728"></td> </tr> </table>	FY 20-21		FY 21-22		FY 22-23		Total Turnover		<u>Average Turn-over</u>		
FY 20-21												
FY 21-22												
FY 22-23												
Total Turnover												
<u>Average Turn-over</u>												
4	<p>The Bidder should have Positive Profit before Tax (PBT) during any of the financial year during immediately preceding three audited financial years, Financial Years (2020-21, 2021-22, 2022-23)</p> <table border="1" data-bbox="563 853 1013 1043"> <tr> <td data-bbox="563 853 710 913">FY 20-21</td> <td data-bbox="710 853 1013 913"></td> </tr> <tr> <td data-bbox="563 913 710 974">FY 21-22</td> <td data-bbox="710 913 1013 974"></td> </tr> <tr> <td data-bbox="563 974 710 1043">FY 22-23</td> <td data-bbox="710 974 1013 1043"></td> </tr> </table>	FY 20-21		FY 21-22		FY 22-23						
FY 20-21												
FY 21-22												
FY 22-23												
5	<p>The Bidder must have either the Registered Office or the functional Branch Office located in Delhi NCR, Noida, and Greater Noida.</p>											
6	<p>The Bidder should be registered with the Goods and Services Tax Authorities.</p>											
7	<p>The Bidder should not have been blacklisted/ banned/ declared ineligible for corrupt and fraudulent practices by the Government of India/ any State Government/ Government Agency and Supreme court and contracts have been terminated/ foreclosed by any company / department due to non-fulfillment of Contractual obligation in last 5 (five) financial years.</p>											

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.6. Form 4: Work Experience

The following format shall be used for statement of experience of Bidder:

SN	Similar Contract description	Contract Identification Number	Award date & Completion date	Employer's Name, address, telephone number, e-mail etc	Role in contract		If in Consortium then % participation	Completion cost	Value of similar work in completed work
					Individual	Consortium			
1									
2									
3									
4									
Add required number of rows									

Authorized signatory

Name:

Date:

Name of the Bidder with seal

NOTE:

1. Only the value of contract as executed by the applicant/member in his own name should be indicated. 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
2. The Bidder shall upload details of work executed by them in the prescribed format for the works to be considered for qualification of work experience criteria. Documentary proof such as completion certificates from the client clearly indicating the nature/scope of work, actual completion cost and actual date of completion for such work should be uploaded. In case work is executed for private client documentary proof such as copy of work order, Bill of quantities, Bill wise details of payment received certified by CA, TDS certificates for all the payments received, copy of final/ last bill paid by the client should be uploaded. The offers submitted without this documentary proof will not be evaluated.
3. Value of successfully completed portion of any ongoing work up to the last day of the previous month of tender submission will also be considered for qualification of work experience criteria.
4. For completed works, value of work done shall be updated to the last day of the previous month of tender submission 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.
5. If the above work(s) comprise(s) other works also, then client's certificate clearly indicating the amount of work done in respect of the "similar work" shall be furnished by the Bidder in support of work experience along-with their tender submissions.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.7. Form 5: Financial Capability Details

Bidder should submit their financial details as per the following:

This is to certify that the details of M/s

 having registered office at
, as applicable, is as below:

A.

S.No.	Financial year	Name of the Bidder	Turnover (INR)
1.	FY 20-21		
2.	FY 21-22		
3.	FY 22-23		
	Average Annual Turn-over		

B.

S.No.	Financial year	Name of the Bidder	Profitability (INR)
1.	FY 20-21		
2.	FY 21-22		
3.	FY 22-23		

Certificate of the Chartered Accountants/Statutory Auditors

Based on Audited Accounts and other relevant documents of _____ (Name of Bidder), we M/s _____, Chartered Accountants/ Statutory Auditors, certify that the above information pertaining to (FY.s 2020-21, 2021-22, 2022-23) is correct.

Signature and Seal of
 Chartered Accountants/Statutory Auditors
 (with membership no. & UIDN No.)

Authorised Signatory

(Name & Designation of Authorised Signatory)

In case the Financial Statements for the latest financial year are not audited and therefore the Bidder cannot make it available, the Bidder shall give an undertaking to this effect and the statutory auditor/charted accountant shall certify the same. In such a case, the Bidder shall provide the Audited Financial Statements for 2 (two) years preceding the year for which the Audited Financial Statement is not being provided. Also, pertaining to latest financial year, the bidder shall submit an affidavit certifying that "The Annual Accounts have not been audited so far. we are submitting the CA certified provisional accounts which shall be substantiated by the audited accounts, when prepared."

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

NOTE:

1. All such documents reflect the financial data of the bidder and not that of sister or parent company.
2. The financial data in above prescribed format shall be certified by CA/ Company Auditor under his signature and stamp in original along with membership no and UDIN.
3. The Bidder shall provide the audited annual financial statements as required.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.8. Form 6: Memorandum

Name of Work: Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present).

I/We agree to keep the quoted rate open for acceptance for 180 days from the due date of submission thereof and not make any modification in its terms and conditions.

I/We hereby declare that I/We shall treat the quotation documents, drawings and other records connected with the works as secret/ confidential documents and shall not communicate information derived there from to any person other than the information in any manner prejudicial to the safety of NMRC.

Signature of the bidder with seal

Dated:

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.9. Form 7: Undertaking

I confirm that We (Bidder, including any member in case of Consortium), _____

- a. Have not been banned /declared ineligible for corrupt and fraudulent practices by any government/government-undertaking/ semi-government/ govt.-controlled institutions, any court of law having jurisdiction in India for the past 5 (five) years.
- b. Do not have any pending litigation & non-performing contracts during last 5 (five) years. Further, has not been barred by any government/government-undertaking/ semi-government/ govt.-controlled institutions
- c. Have not abandoned any work in last 5 (five) years.
- d. Have not delayed in similar work completion during orders executed in last 5 (five) years.
- e. Do not ever been terminated due to poor performance.
- f. Have not suffered Bankruptcy/ insolvency in last 5 (five) years.
- g. Have not been blacklisted/debarred by any organization.
- h. Have not been be involved in any illegal activity and/or has not been charge sheeted for any criminal act during the last 5 (five) years.
- i. Have not submitted any misleading information in the Bid.
- j. Are financially sound to perform the work.

Authorized signatory

Name:

Date:

Name of the Bidder with seal

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.10. Form 8: Power of Attorney

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution.)

Power of Attorney to be provided by the Bidding Company in favour of its representative as evidence of authorized signatory's authority.

Know all men by these presents, We(name and address of the registered office of the Bidding Company) do hereby constitute, appoint and authorize Mr./Ms.....(name and residential address) who is presently employed with us and holding the position of _____, as our Attorney to do in our name and our behalf all or any of the acts, deeds or things necessary or incidental to submission of our Bid for **Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29 , Noida(Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)** in response to the RFP Document dated on _____ issued by Noida Metro Rail Corporation Ltd. ("NMRC" or "the Corporation"), including signing and submission of the Bid and all other documents related to the Bid, including but not limited to undertakings, letters, certificates, acceptances, clarifications, guarantees or any other document which the Corporation may require us to submit. The aforesaid Attorney is further authorized for making representations to the NMRC or any other authority, and providing information / responses to the NMRC, representing us in all matters before the NMRC, and generally dealing with the Corporation in all matters in connection with our Bid till the completion of the bidding process as per the terms of the RFP Document and further till the Contract is entered into with the NMRC and thereafter till the expiry of the Contract.

We hereby agree to ratify all acts, deeds and things done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall be binding on us and shall always be deemed to have been done by us.

All the terms used herein but not defined shall have the meaning ascribed to such terms under the RFP Document.

Signed by the within named
.....[Insert the name of the executant company]

through the hand of
Mr.

duly authorized by the Board to issue such Power of Attorney Dated this
..... day of

Accepted
.....

Signature of Attorney
(Name, designation and address of the Attorney)

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

Attested

.....

(Signature of the executant)

(Name, designation and address of the executant)

.....

Signature and stamp of Notary of the place of execution

Common seal of.....has been affixed in my/our presence pursuant to Board of Director's Resolution dated.....

WITNESS

1.

(Signature)

Name

.....

Designation.....

2.

(Signature)

Name

.....

Designation.....

Notes:

1. The mode of execution of the power of attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and the same should be under common seal of the executants affixed in accordance with the applicable procedure. Further, the person whose signatures are to be provided on the power of attorney shall be duly authorized by the executant(s) in this regard.
2. In the event, power of attorney has been executed outside India, the same needs to be duly notarized by a notary public of the jurisdiction where it is executed.
3. Also, wherever required, the executant(s) should submit for verification the extract of the charter documents and documents such as a board resolution / power of attorney, in favour of the person executing this power of attorney for delegation of power hereunder on behalf of the executant(s).

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.11. Form 9: Saleable Form for Tender Document

Job No.

The required fee of tender form has been deposited in _____ Bank A/c No. _____ RTGS/NEFT and the scanned copy of UTR receipt with Transaction Id is being enclosed with E-tender documents. If the copy of UTR receipt is not uploaded with the E-tender the tender shall be rejected.

DETAILS OF EARNEST MONEY ATTACHED

The required amount of Earnest money has been deposited in _____ Bank A/c No. _____ RTGS/NEFT and the scanned copy of UTR receipt with transaction Id is being enclosed with E-tender documents. If the copy of UTR receipt is not uploaded with the E-tender the tender shall be rejected.

Signature of BIDDER

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.13. Form 11: Undertaking pertaining to Personnel

- We confirm to deploy Project Personnel required to achieve progress of work as per approved construction of work program and conditions mentioned in the tender document.
- We confirm to deploy man power requirement of SHE Organization as required under Conditions of contract on Safety and Health for electrical works and confirm to deploy man power over and above the minimum numbers, if the work requires.
- The contractor shall deploy resources as per the mentioned minimum requirement in the tender and confirm to deploy manpower over and above the minimum numbers indicated above, if the work requires so.
- These minimum resources are as per the requirements of the various activities at different stages of works. All resources need not to be mobilised simultaneously, resources as per the requirement of various stages of works shall be mobilised in accordance with the instructions of the Engineer. The decision of the Engineer shall be final and bonding.
- The performance of project personal deployed will be evaluated periodically by Employer during the contract period. In case the performance of any of the personnel is not satisfactory, the contractor shall replace them with good personnel immediately as per the directions of the Engineer.

Date:

Signature with Stamp/Seal

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.14. Form 12: Resources proposed for the O&M - Plant & Equipment

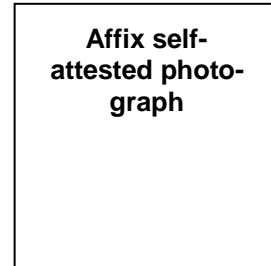
1. We hereby confirm to deploy the minimum resources as per mentioned minimum requirement in the tender document.
2. We confirm to deploy resources as per the requirement and also confirm to deploy plants & equipments over and above the minimum numbers, if the work requires so.
3. Hiring of Cranes shall be as per approved by Engineer-in-Charge. Third party certification of cranes, competency certification of the operators etc. would be required before grant of approval.

Date:

Signature with Stamp/Seal

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.15. Form 13: Proposed Personnel



NAME :

EMPLOYEE ID. :

FATHER'S NAME :

DATE OF BIRTH :

PERMANENT ADDRESS :

.....

RESIDENTIAL ADDRESS :

.....

MARITAL STATUS :

EDUCATIONAL QUALIFICATION :

TECHNICAL QUALIFICATION :

EXPERIENCE :

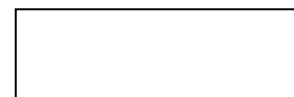
LANGUAGE KNOWN :

NATIONALITY :

CATEGORY :

DATE:

PLACE:



SIGNATURE

(To be filled by contractor)

Attested by authorised person:

Note: A staffing schedule containing the names, qualifications, professional experience and corporate affiliation of all proposed management personnel (above the level of shift supervisor) and specialists for this work. The submission shall include a provisional management structure and organisation chart showing areas of responsibility, relative seniorities and lines of reporting. The proposed staffing plan shall be in conformity with the "Clause 4.3 – Personnel" of tender document

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.16. Form 14: Obligation/ Compliance to be ensured by Contractor

Sl. No.	Items	Compliance of Contractor (To be filled by contractor)	
		Yes	No
1	License for employing contract labour		
2	Compliance of minimum wages Act by payment of wage on 7th of every month through Bank or in the presence of nominated representative of employer (NMRC Supervisor/manager)		
3 (a)	Compliance of provision of ESI & EPF Act		
3 (b)	Ensure treatment in ESI hospital in case of accident/injuries suffered in performance of work and compensation under ESI Act.		
4	Send Accident report to Regional Labour Commissioner (RLC) & ESI authorities.		
5	Observance of working hours, weekly rest and overtime payments as per minimum wages Act-1948.		

Note: - A Non- filling or "No" by contractor will lead to non-eligibility for contractor in further tendering process.

S.N	Description	Reference Clause	Requirement
I	Latest "date for commencement" of the Works	Clause 8.1 of the GCC	Date given in NOA or Employer's Notice to Proceed
ii	Liquidated Damages	Clause 8.5 of the GCC	(i) 0.015% of contract price per day of delay in completion of whole work. (ii) Total maximum limit of LD including sums payable by the employer to designated contractors is 15% as mentioned in GCC.
iii	Insurance for workers/ employees	Clause 15.4 of the GCC	All the contractor's employees shall have to be covered under ESI and ECA as per Special conditions of contract.
iv	Insurance cover for Contractor's All Risk and other requirements as specified in the GCC	Clause 15 of the GCC	100% of the Total Contract Price.
v	Amount of Third-Party Insurance	Clause 15.3 of the GCC	INR 0.75 Million for any one incident, with no. of incidents unlimited.
vi	Period in which all insurances have to be effected	Clause 15.5 of the GCC	Within 1 week from the "date of commencement"

Signature of authorized signatory of Bidder

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.17. Form 15: Performa for Clarifications / Amendments on the RFP

Sl. No.	Document	Clause No. and Existing Provision	Clarification required	Suggested Text for the Amendment	Rationale for the Clarification or Amendment

Authorized signatory

Name:

Date:

Name of the Bidder with seal

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.18. Form 15: Bid Capacity Information

Name and brief particulars of contract (Clearly indicate the part of the work assigned to the applicants)	Name of client with teleph on e number and fax number	Contract Value In Rupees Equivalent (Give only the value of work assigned to the applicant(s))	Value of balance work yet to be done in Rupee equivalent as on last day of the previous month of tender submission	Date of Completion be as per Contract Agreement	Expected of Completion Date	Delay if any, With reason next	Value work-done 2 months with effect from the first day of the month of tender submission
Total							

Bid Capacity (Bidder shall calculate, mention his bid capacity and enclose the supporting calculation)

A = Rs.

N = years

B = Rs.

Assessed available bid capacity = $2*A*N - B$

S.No.	Financial year	Total Value of Works done as per audited financial statements
1	FY 2022-23	
2	FY 2021-22	
3	FY 2020-21	

Certificate of the Chartered Accountants / Company Auditor

We, M/s _____, Chartered Accountants/ Company Auditors, certify that the above information is correct.

Name of Chartered Accountants / Company Auditor

Signature and Seal of Chartered Accountants/ Company Auditor

Membership Number & UDIN No. of Chartered Accountants/ Company Auditor

Authorised Signatory

(Name & Designation of Authorised Signatory)

NOTE:

The financial data in above prescribed format shall be certified by Chartered Accountant/ Company Auditor in original under his signature & stamp along with audited financial statements and UDIN

Value of existing commitments for on-going works during period of 2 months w.e.f. from the first day of the month of tender submission has to be uploaded by the tenderer in Form. These data shall be certified by the Chartered Accountant with his stamp and signature in original with membership number and UDIN.

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.19. Form 16: Bid Offer/ BOQ (Format)

To

DGM (RS, Ops & Elect)
 Noida Metro Rail Corporation (NMRC) Limited
 Block-III, 3rd Floor, Ganga Shopping Complex
 Noida -201301,
 District Gautam Budh Nagar, Uttar Pradesh

THIS FORM IS NOT TO BE FILLED. THE BIDDERS ARE REQUIRED TO FILL THE FINANCIAL PROPOSAL IN XLS FORMAT AFTER DOWNLOADING THE FORM FROM THE E-PROCUREMENT WEBSITE FOR THIS TENDER DOCUMENT

Sub: Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present).

Dear Sir,

I/we have read and examined the RFP document, general terms and conditions.

I/we hereby quote for the Total Price for supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present).

S. No.	Description	Total Amount in Rs.	Amount in Words
1	Estimated value of work	42,79,139.23	(Rupees Forty two Lakh Seventy Nine Thousand One Hundred Thirty Nine and Twenty Three paise only) (including GST)

S.N.	Quoted amount (Rs.)	
1	In words	
	In figures	
2	Rebate in % (percentage) if any	
	In words	
	In figures	

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

Price Schedule

(It is to be noted that BOQ corresponds to Section-6 Technical Specifications of Tender Document)

(This BOQ template must not be modified/ replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Name of work: Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)					
S.No	Particulars	Unit	Qty.	Rate inclusive of 18% GST	Amount
	Firefighting and other domestic water pumps installed at NMRC head office (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)				
A	Main Hydrant Pump				
1	Servicing, Repairs & replacement of spare parts in Vertical Centrifugal Pumps of Kirloskar Brothers Ltd., make pump capacity 137 M3/Hr at the head of 70 Meters, 1450 RPM complete with 45 KW 3 Phase Induction, 1480 RPM Motor suitable for operation on 415 Volt 50 Hz. AC complete etc as required for following items of work without panel.	Half Yearly	2	22420	44840
2	Dismantling the pump from foundation after disconnection from WPP, suction and discharge plumbing work, shifting to workshop, re-assembling after servicing / repair in workshop and re-installation on foundation, re-connection of suction & discharge plumbing work, Electrical Connections with WPP, testing & commissioning at site complete etc as required.	Job	1	10030	10030
3	Rewinding of Motor with copper winding wire with F class insulation after removing burnt copper wires complete etc as required (Rates considering the salvage value of old dismantled copper wire which shall be retained by the contractor, rates will be consider after all scrap less)	Job	1	43660	43660
4	Overhauling of Pump with replacement of all standard spare like as ball bearings complete, SS Impeller, Diffuser, Shaft, TC bush, Mechanical Seal etc as required	Job	1	283200	283200
	Diesel Engine driven Pumps				
5	Servicing, Repairs & replacement of spare parts in g of Diesel Engine driven Pump Dewatering non-clog Sump Pumps of Kirloskar Brothers Ltd. make capacity appx. 137 M3/Hr at the head of 178 Meters complete with KW/HP 61/83 3 Phase complete etc as required for following items of work without Panel:	Half Yearly	1	29500	29500

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

6	Dismantling the pump from foundation after disconnection from WPP, suction and discharge plumbing work, shifting to workshop, re-assembling after servicing / repair in workshop and re-installation on foundation, re-connection of suction & discharge plumbing work, testing & commissioning at site complete etc. as required.	Job	1	11800	11800
7	Servicing /B check of Diesel engine of standby fire pump as per scope of work (Once in 06 months)	Half Yearly	2	29500	59000
8	Supply and fitting of Battery 12 V, suitable for Diesel Engine driven fire pump (Make Kirloskar, BHP-133, RPM-1800) of standby fire pump.	Nos.	1	20650	20650
C	Jockey Pump				
9	Servicing, Repairs & replacement of spare parts in Vertical Centrifugal Dewatering non-clog Sump Pumps of Kirloskar Brothers Ltd. make capacity appx. 10 M3/Hr at the head of 80 Meters complete with 5.5 HP / 4 KW 3 Phase, Submersible Induction Motor suitable for operation on 415 Volt 50 Hz. AC complete etc as required for following items of work without Panel.	Half Yearly	1	11210	11210
10	Dismantling the pump from foundation after disconnection from WPP, suction and discharge plumbing work, shifting to workshop, re-assembling after servicing / repair in workshop and re-installation on foundation, re-connection of suction & discharge plumbing work, testing & commissioning at site complete etc as required.	Job	1	5900	5900
11	Rewinding of Motor with copper winding wire along with F class insulation after removing burnt copper wires complete etc as required (Rates considering the salvage value of old dismantled copper wire which shall be retained by the contractor after less old scrap)	Job	1	14160	14160
12	Overhauling of Pump with replacement of standard spare like ball bearings complete Mechanical Seal, O ring kit + Oil, Shaft, impeller etc as per required.	Job	1	15340	15340
13	fault visit, Servicing, Repairs & replacement of spare parts in of Booster Pump 1.0HP with 24Ltr Tank except winding	Job	1	11800	11800
14	Rewinding of 1.0HP with 24Ltr Motor with copper winding wire after removing burnt copper wires complete etc. as required (Rates considering the salvage value of old dismantled copper wire which shall be retained by the contractor after old scrap less)	Job	1	8850	8850
15	Servicing, Repairs & replacement of spare parts in of 5 HP, 3 Phase Submersible pump, complete in all respect	Half Yearly	2	8850	17700
16	Rewinding of 5 HP, 3 Phase Submersible pump with copper winding wire after removing burnt copper wires complete etc. as required (Rates considering the salvage value of old dismantled copper wire which shall be retained by the contractor after old	Job	1	10030	10030

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

	scrap less)				
17	Supply, installation, testing and commissioning of 1 HP Sump Pump, complete in all respect	Nos.	1	53100	53100
18	Painting of external Hydrants & Hydrant post, Valves, MS Fire Water Line, External and internal fire hydrant system, FHC door, two coats of red oxide primer uniformly applied and two coats of oil paint applied thereafter. All pipes supports shall be painted black as specified for support & clamps.	Sqm.	300	184.08	55224
19	Check performance of Air vessel including Air Release Valve (Each) of Hydrant System.	Job	1	118	118
20	Checking and Maintenance of Isolation Valve of size 2" to 4" (Gate type, Butterfly type, Ball type)/NRV's.	Job	1	413	413
21	Checking and Maintenance of Isolation Valve of size 6" to 8" (Gate type or Butterfly type)/NRV'S	Job	1	649	649
22	Supply and installation of Butter fly handle suitable to existing valve	Job	1	2950	2950
23	Hydro-testing of fire extinguisher (as and when required) 4 kg/5kg/6 Kg cap.	Job	1	590	590
24	Refilling of ABC Stored pressure type Fire Extinguishers 4.5 Kg capacity	Job	5	944	4720
25	Hydro-testing of CO2 type Fire Extinguishers upto 6 kg capacity.	Nos.	8	590	4720
26	Supply and fitting of Glass for Door of Cabinet (Big) for Hydrant System including supply of rubber bidding. It shall be safe proof. It shall have size approx. 440mm x 1240mm. It shall be similar to existing one	Nos.	2	2360	4720
27	Supply and replace the body sticker of Fire Extinguisher containing information about type of extinguisher, suitable on class of fire, picture method of operation of extinguisher, safety precautions.	Nos.	40	413	16520
28	Providing, fixing, testing & commissioning of MS air cushion tank on top of each riser fabricated from 6mm thick MS plate, 200 mm in diameter and 1.2 m in height with dished ends fabricated from 8mm thick MS plate with Air release valve with stop cock, flanged inlet connection and drain arrangement with 25mm dia valve, pressure gauge with gun metal stop cock complete with all accessories as required and conforming to IS 4736-1968. (The cushion tank should be suitable for rated working pressure. (Make: SafeFire, Radiant, East West or eq.)	set	2	49560	99120
29	Providing & fixing dial type (100 mm) pressure gauge with isolation ball valve suitable for working pressure of 250 PSI. Cost shall be inclusive of providing any short pieces, nipples, elbows etc as required.	Nos	6	2242	13452

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

	SUBHEAD: II: Hydrants, Sprinkler, Piping & Accessories				
	Supplying, laying, fixing, testing and commissioning of following sizes (NB) of ISI marked heavy class M.S. pipes including cutting, threading, welding etc. and providing all victaulic fittings e.g. elbows, reducers, clamps, hangers, flanges, gaskets, nuts, bolts and washers etc. including painting of pipes and fittings with red paint over a coat of ready mixed primer, both of approved quality and shade including cutting holes and chases in brick or RCC walls/slabs and making good the same etc. complete in all respect as required. (Make: Tata, Radiant, Jindal or eq.)				
30	100 mm dia.	Metre	50	2478	123900
31	80 mm dia.	Metre	80	2242	179360
32	32 mm dia.	Metre	80	1062	84960
33	25 mm dia.	Metre	150	767	115050
34	Providing and fixing forged brass ball valve with forged brass ball (suitable for test pressure of not less than 15 kg / sq.cm of the following size: (Make: Zoloto, AIP, Sant or eq.) (Cost shall be inclusive of providing necessary union / flange connection). 25 mm dia.	Nos.	8	1239	9912
35	Providing & fixing of butterfly valve (suitable for test pressure of 15 kg / sqm) with flanges, nut bolts, gaskets and necessary pad locking arrangement complete required. (Make: Zoloto, AIP, Sant or eq.)	Nos.			
36	80 mm dia.	No.	5	8260	41300
37	100 mm dia.	No.	5	9062.4	45312
38	Providing & fixing swinging type First Aid hose reel in red colour drum with 30 mts long and 20 mm dia. heavy duty rubber water hose, 20 mm dia. globe valve stop cock, terminating with G.M. coupling & nozzle of 6mm outlet with shut off valve conforming to IS 8090 - 1976 complete with MS socket for tap-off, drum and brackets (including painting) for fixing on wall with anchor fastner, bolts & nuts conforming to IS:884-1969 complete as required. (Make: Radiant, East West, Padmani, Zoloto or eq.)	No.	2	7670	15340
39	Providing & fixing non-percolating rubber reinforced lined fire hose pipe (as per IS: 636) of 63 mm dia. and length as described below. The hose shall be rated for burst pressure of 35.7 Kg/sqcm. Hose shall be complete with ISI marked S.S male & female coupling (IS:903) bound & riveted to hose pipe with copper rivets & 1.5 mm copper wire (Location: Internal fire hydrant) 15 m length (Make: Radiant, East West, Padmani or eq.,)	No.	6	5156.6	30939.6

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

40	Providing and Fixing 63 mm dia. instantaneous pattern branch short Stainless Steel pipe, 20 mm dia nozzle conforming to IS 903, suitable for inter connection to hose pipe coupling complete as required. (Make: Radiant, Padmani, kartar or eq.)	Nos	4	2360	9440
41	Providing and fixing standard fire man's axe with heavy rubber handle. (Make: Radiant, East West, Padmani or eq.)	Nos	2	1770	3540
42	Providing and fixing 5 mm thick glass door (with M.S. frame) of size 2.1 m x 1.2 m with centre opening for fire hose cabinet. Suitably marked on the outside with the letters "FIRE HOSE" including locking arrangement. All M.S. work to be in Red P.O. colour over appropriate primer. The above item is only for masonry fire station. (Make: Radiant, East West, Padmani or eq.)	No.	2	14750	29500
43	Providing and fixing flexible connectors consisting of flexible core 1.5 mtr. in length of corrugated stainless-steel tubing under the braid, (Braiding to be SS-304, tubing to be SS-304) for minimum working pressure rating of 200 PSI to be installed at connections from branch pipes to pendant sprinklers blow false ceiling as per specification of the manufacturers. (Make: Radiant, East West, Padmani or eq.)	Nos	60	2360	141600
44	Providing and Fixing 15 mm dia. gunmetal / brass quartzoid type Sprinkler Head with quartz bulb and set to operate at specified temperature. (Make: East West, Padmani or eq.) Pendant Type, 68° C, Chrome plated	Nos	60	436.6	26196
	SUBHEAD: III: Portable Chemical Fire Extinguishers				
45	Supply, installation, testing and commissioning of following types of extinguishers with provision of wall bracket (fixed with anchor fastner). ISI marked (IS:940) portable chemical fire extinguisher, water (gas pressure) type capacity 9 litres with gun metal cap and nozzle and complete in all respects including initial fill and wall suspension brackets (Make: East West, Padmani or eq.)	Each	4	3540	14160
46	Supply, installation, testing and commissioning of following types of extinguishers with provision of wall bracket (fixed with anchor fastner). ISI marked (IS:2878) Fire Extinguisher, Carbon-di-oxide type capacity 4.5 Kg. Flat base including valve, discharge hose of not less than 10 mm dia, 1M long and complete in all respects including initial fill with CO2 gas conforming to IS:307-1966 filled to a filling rate of not more than 0.667 and wall suspension bracket. (Make: East West, Padmani or eq.)	Each	4	5310	21240

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

47	Supply, installation, testing and commissioning of following types of extinguishers with provision of wall bracket (fixed with anchor fastner). ISI marked (IS: 2171) Portable Dry Chemical Power Type Fire Extinguisher with Gun Metal cap and nozzle and complete in all respects including initial fill and wall suspension bracket (Make: East West, Padmani or eq.)	Each	4	3516.4	14065.6
48	Supplying and installing at approved location approved make fire buckets of 24-gauge galvanized steel sheet, standard 9 litre capacity and of round bottom shape, painted white inside and red outside and black on the bottom, inscribed with letters "FIRE" in black and gold. Cost shall be inclusive of providing MS stand duly painted over a coat of primer. (Make: East West, Padmani or eq.)	Nos	2	5900	11800
Fire Alarm Work					
49	PHOTOTHERMAL (MULTITECH) DETECTOR Supply, Installation, Testing & Commissioning, Installation of UL listed Intelligent Addressable Multi Criteria smoke cum Heat detector, optical type with blinking LED and standard base, being capable of being addressed electronically. Manual Addressing not acceptable. Complete with base etc. as required. Approved Make:-Notifier/Ansul/Edwards or eq.	Nos.	78.00	3776	294528
50	Supply, Installation, Testing & Commissioning of UL Listed Intelligent Addressable Double action manual pull station, capable of being addressed electronically complete etc.as required. Approved Make:-Notifier/Edwards/Ansul or eq.	Nos.	3.00	3658	10974
51	Supply, Installation, Testing & Commissioning of UL Listed Addressable Fault Isolator module complete which detects short circuit and separates the segment, complete etc. as required. And as per specifications. Approved Make:-Notifier/Ansul/Edwards or eq.	Nos.	2	3422	6844
52	Supply Installation, Testing & Commissioning of UL Listed Addressable control module (MCP) complete as required for switching ON of smoke extraction fans / Pressurisation Fans etc. and switching off AHU's, capable of being addressed electronically. Manual Addressing (Dip/ Rotary Switches) not acceptable, complete as required. And as per specifications. Sprinkler flow switches. Approved Make: -Notifier/Ansul/Edwards or eq.	RO	2	4720	9440

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

53	Supply, Installation, Testing & Commissioning of MONITOR MODULES UL Listed Addressable Monitor module complete as required for monitoring flow switches/ interface with any third-party equipment capable of being addressed electronically etc. complete as required and as per specifications Hooters Circuit. Approved Make: -Notifier/Ansul/Edwards or eq.	Nos	2	3540	7080
54	Supplying and Installation, of exit signs: photo luminescent safety signage made up of photo luminescent material of rare earth aluminates, non-radioactive working.	Nos	6	649	3894
55	Supply, Installation, Testing & Commissioning of PVC Insulated 2 x 1.5 sq. mm FRLS copper conductor Armoured cable with termination on each end with ferrules. Approved Make: - Polycab/Customized/Parashield or eq.	RM	1100	159.3	175230
56	Supply, Installation, Testing & Commissioning of Response Indicator. Approved Make:- Notifier/Edwards/Ansul or eq.	Nos.	20	112.1	2242
57	Supply, installing, testing and commissioning of UL Listed Addressable Rate of Rise Heat Detector rated at 9.4 deg C/min. The detector shall have twin bi-colour LED for 360 deg viewing. Addressing shall be with user friendly rotary decimal switches. Approved Make:- Notifier/Edwards/Ansul or eq.	Nos.	4	3540	14160
58	Supply, Installation, Testing and Commissioning of UL Listed Fire Alarm Hooter (sound output of minimum 90 dB upto a distance of 30 meters) cum Strobe (Selectable 15, 30, 75, or 110 cd), made Addressable with the help of Intelligent Addressable Signal Module (cost of the Module to be included), capable of being addressed electronically. Manual Addressing (Dip/ Rotary Switches) not acceptable, with separate power supply arrangement complete as required. Approved Make:- Notifier/Ansul/Edwards or eq.	Nos.	3	4130	12390
59	Supply, installing, testing and commissioning of UL Listed 2W/6W Ceiling Mounted speaker with capacity to have 1/4,1/2,1 and 2 watt tapping, working at 83dB compatible with amplifier complete as required. Approved Make:- Honeywell/Bosch/Ateis or eq.	Nos.	16	1416	22656
60	Comprehensive Annual maintenance of one PA and paging system complete circuit wiring and other associated components complete etc as required excluding speakers) installed at NMRC head office, sector-29, Noida.	Job	1	177000	177000

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

	Repair and Annual maintenance contract (AMC) for 125 KVA, 160 KVA, and 180 KVA Diesel engines installed at NMRC head office, sector-29, Noida.				
	125 KVA kirloskar DG SET (6R1080TA)				
1	Supply and installation of 125 KVA kirloskar DG Fuel filter 1.1 Ltr.	Nos.	1	767	767
2	Supply and installation of 125 KVA kirloskar DG AIR FILTER	Nos.	1	3304	3304
3	Supply and installation of 125 KVA kirloskar DG fuel tank hose pipe with clamp, liko pipe, copper washer (13 No.)-14 qty.	Set	1	1194.75	1194.75
4	Supply and fixing of 8 mm dia. fuel PVC pipe with two side clip	Rmt.	5	1062	5310
5	Supply of Coolant and fill the coolant tank of 125 KVA kirloskar DG as per recommended	Ltr.	25	398.25	9956.25
6	Supply and installation of Kirloshker Engine Oil	Ltr.	20	541.62	10832.4
7	Supply and installation of EMS panel suitable for 125 KVA kirloskar DG with display, supporting, covering, etc. complete as per direction of E/I	Set	1	8850	8850
8	Supply and fixing of long size fuel pipe of 125 KVA kirloskar DG on filter with copper washer	Nos.	2	1752.3	3504.6
9	Supply and fixing of fuel sensor	Nos.	1	2309.85	2309.85
10	Supply and fixing of relief valve of 125 KVA kirloskar DG as per E/I	Nos.	1	350.46	350.46
11	Supply and installation of radiator Cap.	Nos.	1	531	531
12	Dismantling, cleaning and reinstallation of 125 KVA kirloskar DG radiator.	Job	1	7670	7670
13	Supply and fixing of Coolant sensor, switch	Set	1	4130	4130
14	Supply and fixing of suitable size of alternator output cover	Nos.	1	955.8	955.8
15	Supply and fixing of Emergency switch	Nos.	1	557.55	557.55
16	Supply and fixing of canopy lamp	Nos.	1	955.8	955.8
17	Supply and fixing of suitable size of fuel tank cap having lock arrangement	Nos.	1	649	649
18	Supply and fixing of suitable air filter service indicator	Nos.	1	413	413
19	Supply and fixing of exhaust pipe silencer suitable for installed 125 KVA kirloskar DG	Nos.	1	14750	14750
20	Supply and fixing of Oil supply hose with copper washer (size-14 no.)- qty-4	Set	1	2006	2006
21	Spray paint of canopy, base etc. as per direction of E/I	Job	1	6490	6490
22	D-check Complete DG set should be dismantle.	Job	1	20650	20650
23	Turbo charger service	Job	1	3776	3776
24	Injector Pin service	Job	1	944	944

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

25	Cylinder Head service	Job	1	9558	9558
26	PT Pump service	Job	1	21830	21830
27	Change Piston Bearing,	Nos.	1	1770	1770
28	Change nozzles,	Nos.	1	2006	2006
29	Piston Cylinder change	Nos.	1	4838	4838
30	Change Canopy filter	Nos.	1	2478	2478
	180 KVA CUMMINS DG SET (QSB5.9-G2)				
31	Supply of Engine oil	Ltr.	30	541.62	16248.6
32	Supply and installation of Fuel filter suitable for 180 KVA CUMMINS DG set	Nos.	2	3345.3	6690.6
33	Supply and installation of Oil filter suitable for 180 KVA CUMMINS DG set	Nos.	1	2230.2	2230.2
34	Dismantling, cleaning and reinstallation of 180 KVA CUMMINS DG radiator	Job	1	11210	11210
35	Supply of Coolant	Ltr.	52	414.18	21537.36
36	Supply and installation of primary air filter	Nos.	1	4130	4130
37	Supply and installation of air safety filter	Nos.	1	2230.2	2230.2
38	Supply and installation of 12 mm fuel pipe with hose clamp	Rmt.	2	1180	2360
39	Supply and installation of 4 mm PVC pipe for Diesel tank with clip	Rmt.	1	1062	1062
40	Supply and installation of steel/rubber fuel level indicator for external Diesel tank of 990 Ltr.	Nos.	1	716.85	716.85
	160 KVA KOEL DG Set (6K1080TAG2)				
41	Supply and fixing of oil filter suitable for 160 KVA KOEL DG Set	Nos.	1	858.627	858.627
42	Supply and fixing of bypass filter suitable for 160 KVA KOEL DG Set	Nos.	1	7670	7670
43	Supply and fixing of diesel primary filter suitable for 160 KVA KOEL DG Set	Nos.	2	790.128	1580.256
44	Supply and fixing of diesel secondary filter suitable for 160 KVA KOEL DG Set	Nos.	1	790.128	790.128
45	Supply and fixing of water separator suitable for 160 KVA KOEL DG Set	Nos.	1	8850	8850
46	Supply of Kirloshker premium oil	Ltr.	25	557.55	13938.75
47	Dismantling, cleaning and reinstallation of radiator 160 KVA KOEL DG Set	Job	1	10030	10030
48	Supply of Koel coolant	Ltr.	36	398.25	14337
49	Supply and installation of air filter	Nos.	1	4130	4130
50	Cleaning and use Spray paint to base of 160 KVA KOEL DG Set	Job	1	7080	7080

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

51	Supply of 0.75 HP liquid ring pump for diesel fuel from tank to DG tank with inlet armoured pipe connection ended with proper termination	Nos.	1	10620	10620
52	Supply and fixing of pump Fuel Transfer Pipe for Diesel Oil and water with pump	Rmt.	40	153.4	6136
53	Annual maintenance contract of 125 KVA Kirloskar DG set with 04 Visit Plan with B Check Kit for 1st year	Job	1	63720	63720
54	Annual maintenance contract with 180 KVA CUM-MINS DG set Carried out two B Check and unlimited visit in fault condition for 1st year	Job	1	112100	112100
55	Annual maintenance contract with 160 KVA KOEL DG SET Carried out two B Check and unlimited visit in fault condition for 1st year	Job	1	100300	100300
56	Supply, installing, testing and commissioning of Microprocessor based Multi-loop, True Peer-to-Peer Networkable Addressable Fire Alarm Control Panel with minimum 600 characters LCD display, 4000 event plus 1000 alarm log history events, QWERTY keypad for programming. The panel should be equipped with sufficient numbers of loops considering 20% spare capacity in each loop. Each loop shall have a capacity of minimum 300 analog addressable devices. The panel shall work in degrade mode in case of CPU failure. Four access levels, flash EPROM, 240 volts AC power supply, automatic battery charger, 24 volts sealed lead acid batteries sufficient for 24 hours normal working and 30 mins in alarm condition. The panel shall be complete with Integrated 8 channel Digital Voice Evacuation System Controller capable of broadcasting Evacuation Messages on same peer-to-peer Network and 2 ways Communication Fire Fighters System capable of supervising all the speaker circuits with adequate zone control and accessories. The system shall be equipped with necessary Digital Audio Amplifier capable of processing one of 8 audio channels and amplifiers as per the speakers requirement at 70.7 VRMS output along with necessary enclosures. The DAA shall be fully monitored for fault and alarm reporting. The proposed Digital Amplifiers shall not be rail mounted / dependant on Fire Panel CPU for operation. Failure of Fire Panel CPU shall not result in failure of Amplifier operation. The Digital Amplifier Loop shall have N+1 Redundancy concept to avoid chances of failure. The Fire Fighters Telephone System shall be capable of having minimum 35 Telephones on conference with inbuild High Speed Network Card, also having printing option of data	Nos	1	7,87,226	7,87,226

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

57	Any DSR item not mentioned in this BOQ, DSR-2019 and later on related to fire alarm and fire hydrant work on measurement basis, Rate will be considered as per latest CPWD publication	NA	1	4,00,000	4,00,000
Total					42,79,139.23

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

Please Note:

1. The Bidder with the lowest quoted cost for **supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)** in the financial quote (L1 bidder) shall be selected for the award of contract.
2. The Bidder shall be required to quote the percentage in the BOQ.
3. It will be deemed to include all Taxes including GST, Duties, Octroi, Royalty etc., cost of all plants, labour, supervision, materials, transport, all temporary works, erection, maintenance, utility identification, contractor's profit and establishment/ overheads, together with preparation of design and drawings, all general risks, insurance liabilities, compliance of labour laws and obligations set out or implied in the contracts.
4. The work executed against the BOQ items, it would be paid on measurement basis.
5. The Financial Bid submitted is unconditional and fulfils all the requirements of the TOR Document.
6. We have completely read and understood the Bid Document. The Financial Tender submitted is unconditional and fulfils all the requirements of the Tender Document.
7. Our Financial Proposal shall be binding upon us subject to the modifications resulting from contract negotiations, up to expiration of the validity period of the Proposal. We understand you are not bound to accept any Proposal you receive.

Signature and Name of the Authorized Person

NAME OF THE BIDDER AND SEAL

Supply, installation, testing and commissioning of fire alarm systems and Servicing, Repairs & replacement of spare parts of installed fire alarm system, Firefighting and other domestic water pumps including DG sets installed at NMRC head office, sec-29, Noida (Diesel Pump, Main Hydrant pump, jockey pump and other pumps are present)

8.20. Form 17: Bid Details

The following list is intended to help the Bidders in submitting offer which are complete. An incomplete offer is liable to be rejected. Bidders are advised to go through the list carefully and take necessary action.

S. No.	Particulars	Attached Yes / No / Not Applicable	Page no. (Mandatory)
1	Bid Processing Fees		
2	Earnest Money Deposit		
3	Form 1: Letter of Proposal Submission		
4	Form 2: Firm Details		
5	Form 3: Capability Statement		
6	Form 4: Work Experience		
7	Form 5: Financial Capability Details		
8	Form 6: Memorandum		
9	Form 7: Undertaking		
10	Form 7: Undertaking Power of Attorney		
11	Form 9: Saleable Form for Tender Document		
12	Form 10: Declaration of Refund of Earnest Money		
13	Form 11: Undertaking pertaining to Personnel		
14	Form 12: Resources proposed for the O&M - Plant & Equipment		
15	Form 13: Proposed Personnel		
16	Form 14: Obligation/ Compliance to be ensured by Contractor		
17	Form 15: Performa for Clarifications / Amendments on the RFP		
18	Form 16 : Bid Capacity Criteria		
19	Statutory proof of existence as the legal entity		
20	PAN certificate as per legal entity		
21	A copy of the Audited balance sheets and Profit and Loss Statements for the last 3 (three) financial years		
22	Self-attested copy of ITR (for last three FY.s)		
23	Copy of GST registration certificate, EPF, ESI		
24	Any other document asked by the Employer if submitted, specify the documents Or Any other document which the Bidder considers relevant		