

Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations for Extension Projects of NMRC's Aqua Line from Botanical Garden to Noida Sec-142 (from Chainage (-) 383.959 to 12130.143) and from Depot Station to Boraki MMTH (Chainage 28678.253 to 31263.482).



NOIDA METRO RAIL CORPORATION (NMRC) LIMITED

CONTRACT NO: NGNECC-01

Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations for Extension Projects of NMRC's Aqua Line from Botanical Garden to Noida Sec-142 (from Chainage (-) 383.959 to 12130.143) and from Depot Station to Boraki MMTH (Chainage 28678.253 to 31263.482).

E Tender No.: NMRC/Projects/NGNECC/2026/457

TENDER DOCUMENTS

VOLUME 1

**NOTICE INVITING TENDER (NIT)
INSTRUCTION TO TENDERER (ITT)
FORM OF TENDER (FOT)**

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

NOTICE INVITING TENDER (NIT)

(e-Tender)

1.1 GENERAL

1.1.1 Name of Work:

Noida Metro Rail Corporation (NMRC) Ltd. invites online open e-tenders from eligible applicants, who fulfil qualification criteria as stipulated in Clause 1.1.3 of NIT, for the work **Contract NGNECC-01: Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations for Extension Projects of NMRC's Aqua Line from Botanical Garden to Noida Sec-142 (from Chainage (-) 383.959 to 12130.143) and from Depot Station to Boraki MMTH (Chainage 28678.253 to 31263.482).**

The brief scope of the work is provided in Clause A1 of ITT (Volume-1) and Employer's Requirement – Functional (Volume-3).

1.1.2 Key details:

Approximate cost of work	INR 1,267 Crores
Tender Security	Amount of Tender Security: INR 12.67 crores. Validity of Tender Security in case of BG: 15.01.2027 Tender Security (in original) as per clause C-18 of ITT shall be accepted only up to 12.06.2026 (latest by 15:00 Hrs.) and should be valid up to 15.01.2027 in the office of GM/Projects/NMRC at the address mentioned herein after. In case of RTGS/NEFT/IMPS transactions, bidders shall upload the scanned copies of transaction of payment of tender security / EMD including e-receipt (clearly indicating UTR No. and tender reference i.e. NGNECC-01 must be entered in remarks at the time of online transaction of payment, failing which payment may not be considered) to be uploaded in online bid submission. The detail of bank account of NMRC is mentioned below this table. <u>Note: Bidders to note that the payment of tender security shall be made from the account of bidder only.</u> <u>If tender security has been made from other than the account mentioned above, same shall not be accepted and all such bids shall be considered ineligible and summarily rejected.</u> For further details, clause C18 of ITT may be referred.
Completion period of the Work	36 (Thirty-Six months)

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List of Manufactures/Suppliers of Major Civil & Architectural Items

All materials and products shall conform to the Outline Construction Specification (OCS) of NMRC, BIS codes, and other relevant codes, etc., and shall be approved by Engineer.

An indicative list of Manufactures/Suppliers of Major Civil & Architectural Items is mentioned as below –

Major Civil Items

Sr. No.	Material / Item / Product	Manufacturer / Supplier
1	Cement	As approved by Engineer
2	Reinforcement Bars	As approved by Engineer
3	Epoxy Grout	Fosroc, Asian Paints, Sunanda, Sika, Fairmate, Kunal Conchem, Hindcon Chemicals, STP Limited, Apple Chemie
4 a	Expansion Joints for Viaduct	Prequalified Manufactures as per RDSO DECG International
4 b	Expansion Joints for Buildings	VR Engineers, MAURER-Sanfield, DECG International
5	Admixture	As approved by Engineer
6 a	Low strain Pile Integrity Testing, UPV Test, Rebound Hammer Test	CEG Test House, Aadco Testing, Cengrs, DVG Lab, ADS Labtech, Raicon Labs Pvt. Ltd., Innovato Solution, Independent Consultants & Technocrats Pvt. Ltd., QA Testing Lab
6 b	Cross-hole Testing of Piles	CEG Test House, Aadco Testing, Cengrs, ADS Labtech, Independent Consultants & Technocrats Pvt. Ltd., QA Testing Lab
7	Anchor Fasteners (for Structural Works)	Trutek, Pioneer nuts and bolts, Fosroc, Hilti, Styrene Packings, Fischer, Wuerth
8	Structural Steel (Fabrication)	As approved by Engineer
9	Pre-stressing Strand (LRPC)	Tata SSL Ltd., Usha Martin, DP Wires, Miki Steel, Kataria Group, Bajrang Wire and Infra Ltd., Neotrex Steel
10 a	Pot/PTFE Bearings	Deevin Systems, VSIL, MAURER-Sanfield, Dynamic Prestress, Kanta Rubber, RKC Infra Projects, Steel Auto Industries, DECG International
10 b	Elastomeric Bearings	Deevin Systems, VSIL, Kanta Rubber, Polymer Products, DECG International, CECO, RKC Infra Projects, Steel Auto Industries
10 c	Spherical Bearings	MAURER-Sanfield, Mageba
11	Horizontal Tie Bars/ Shear Bars	Dextra
12	High-Density Polyethylene (HOPE) Sheathing (for Prestressing works)	Dynamic Prestress, JK Prestressing, Fosroc, Tirupati Plastomatics
13	Formwork Release Agent	Eastern Petroleum, Yahska Polymers, Kunal Conchem, Ado Additives, STP Limited, Fairmate, Hindcori Chemicals, Apple Chemie
14	Prestressing System	Dynamic Prestress, Tensa India, JK Prestressing, Usha Martin
15	Reinforcement Couplers (Cold forged parallel threaded type)	Tata-Steel, MAURER-Sanfield, Dextra India, Levlat India, Rebar Couplers India Pvt. Ltd., Vadol

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		Corporation, Vruddhi Engineering Works Ltd., SNTP Technologies
16	Hollow Sections, Tubes	Surya Roshni, Dadu Pipes, APL Apollo Tubes, Tata Steel, Goodluck India Ltd., Mahalakshmi Profiles Pvt. Ltd.
17	Drainage Pipes (> 150 mm dia.)	Texmo Pipes, Tirupati Plastomatics
18	Non-Shrink Grout	DURABUILD, Yahska Polymers, Fosroc, Asian Paints, Sika India, Kunal Conchem, Fairmate, STP Limited, Chryso India, Mapel, MYK Arment, HIndcon Chemicals, Apple Chemie
19	Epoxy Bonding Agent (for Construction Joint)	Asian Paints, STP Limited, Fairmate, Chryso India
20	Polysulphide Sealant (for Structural works)	Asian Paints, Sika, Kunal Conchem, IVVL India, Hindcon Chemicals, STP Limited, Fairmate, Chryso India, Apple Chemie
21	Steel Structural Fasteners	Panchsheel Fasteners, Pioneer Nuts and Bolts, Kirti Fasteners, Haryana Fasteners, Imperial Bolts and Fasteners, Karamtara
22	Corrosion Protection Paints	Berger Paints, Fosroc, Advance Paints, Grauer & Well India, Sunanda, Asian Paints, Ameetuff Technical Paints
23	Microsilica / Ultra- Fine Ground Granulated Blast Furnace Slag (UGGBS) (conforming to IS 16715:2018)	Ultrafine Minerals and Admixtures, Counto Microfine Products, Rockfit, CAC, Kunal Conchem, HIndcon Chemicals, Normet India, Technokem, Mapel, Sunlight Conschem Corporation
24	Fire Resistant Paint	Advance Paints, Asian Paints, Ameetuff Technical Paints
25	Integral Crystalline waterproofing	As approved by Engineer
26	Water Stopper / Bar	Asian Paints, HITECH Rubber, Penetron, Kantaflex, Puraflex Industries
27	Liquid Polymer Membrane Waterproofing	Pidilite, Berger Paints, TECHNONICOL, Fosroc, Asian Paints, ECMAS, Sika, Kunal Conchem, Sunanda, Fain'nate, Hindcon Chemicals, STP Limited, Chrysa India, Mapei, MYKArment, Tiki Tar Danosa
28	Curing Compound	As approved by Engineer
29	Fly Ash / Ground Granulated Blast Furnace Slag (GGBS) (conforming to IS 16714:2018)	Ashtech India, Jaycee Bulldcorp, Bisla Industries, Shree Ashtech
30	Pre-Coated Profiled Metal Sheeting	Aditya Profiles, Tata Bluescope Steel, APL Apollo Building Products Pvt. Ltd.
31	Rock Bolts/Swellex Bolts	Sandvik Mining
32	Glass Fiber Reinforced Polymer (GFRP) Bars (conforming to IS 18255:2023, IS 18256:2023, and IRC:137-2022)	Sandvik Mining, Arc Insulations, Dextra
33	Material Testing	As approved by Engineer
34	Rainwater Harvesting	Water Field Technology

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J10	High-Density (HOPE) Pipes and Fittings	Geberit, TSL Tirupati, Polyethylene, Reliance, Duraline, Prince Pipes & Fittings Ltd., Chamunda Plastics Pvt. Ltd.
J11	Polypropylene Random Copolymer (PPR) Pipes and Fittings	Prince Pipes & Fittings Ltd., Supreme, Uro-Allwin
K	Water Proofing / Repellents Compound	
K1	Modified Bituminous Membrane Roof Waterproofing	Asian Paints, BASF, EBIPL: Evershine, Flowcrete, Fosroc, Kemco, Sika, STP Ltd., MYK Arment, Berger Paints India Ltd., Ultratech Cement Ltd.
L	Metal and Roofing	
L1	Aluminium Section	Bharat Aluminium Company United/ Vedanta BALCO, Bhorka, Hindalco, Jindal Aluminium Ltd., Maan Aluminium Ltd., Technorail, MM Metacraft Pvt. Ltd.
L2	MS Hollow Section Pipes	APL Apollo, Hi-Tech Pipes, Jindal, Surya Roshni, Nezone Tubes
L3	MS Tubes/ Sections	APL Apollo, ISPAT, Jindal, Rana Steel, Swastik Pipes, Tata Structura
L4	Prefabricated SS Works / SS Works	Oline, Jindal Stainless (JSL), Kich, Ozone, Konzept Steel Pvt. Ltd., Technorail, Sialkot Shop
L5	Metal Roofs System	Kalzip, Supertech (India) Pvt. Ltd., Tata Bluescope (Metal Coated and Pre-Painted Sheets ZINCALUME COLORBOND)
L6	Polycarbonate Sheets	Danpalon, Lexan (SABIC Innovative Plastics from GE)
L7	Tensile Fabric	Ferrari, Mehler, SRF Ltd.

Note -

- 1) Once the manufacturer / supplier supplies the product for the project after the approval of the Engineer, all the tests required in OCS are to be performed to ensure the quality of product at work site as per the approval of engineer.
- 2) In case the manufacturer / supplier does not have a valid document/certificate at the time of usage at site, then the product shall not be allowed for usage at site.
- 3) The Contractor may also propose equivalent makes/brands for the aforesaid items, subject to submission of complete technical particulars, valid test certificates/reports, and all requisite documents for scrutiny by the Engineer. Such proposed materials shall also be subject to inspection/testing, as deemed necessary, and shall be used only after obtaining prior written approval of the Engineer.