

BANGALORE METRO RAIL CORPORATION LIMITED



TENDER THROUGH CPP PORTAL

FOR

SUPPLY AND INSTALLATION OF ANCILLARY WORKS FOR SIX (06) ELEVATED STATIONS AND TWELVE (12) UNDERGROUND METRO STATIONS OF REACH-6 UNDER PHASE-II

TENDER NO. TR1-R6-ELE - UG

VOLUME-2: FINANCIAL PACKAGE



JULY - 2026

**BANGALORE METRO RAIL CORPORATION LIMITED
III FLOOR, BMTC COMPLEX, K.H. ROAD, SHANTHINAGAR,
BANGALORE – 560 027, KARNATAKA, INDIA.**

VOLUME 2: FINANCIAL PACKAGE / PRICE SCHEDULE

BILL OF QUANTITIES

PREAMBLE TO BILL OF QUANTITIES

1. The bill of quantities shall be read in conjunction with the Instructions to Tenderers, General Conditions of Contract, Special Conditions of Contract, Technical Specifications, Tender Drawings, and Price Schedule (BOQ).
2. The quantities given in the 'Bill of Quantities' are provisional and are given to provide a common basis for tendering. The basis of payment will be the actual quantities of work carried out, as measured by the Contractor and verified by the Engineer and valued at the rates in the accepted priced 'Bill of Quantities', wherever applicable.
3. The BOQ is meant for reference so as to understand the item description. This is a **Percentage Tender**. The Cost of all the individual items shall be computed for the entire work and the Tender premium (excess or less or at par) on the Estimated cost shall be quoted.
4. The quoted rates are for completed and finished items of work as per specifications and complete in all respect. The quoted rates are deemed to have included all plant, tools, machinery, labour, supervision, materials, fuel, oil, consumables, electric power, water, transportation, all leads and lifts, all temporary works, false works, temporary storage arrangements, fencing, watering, lighting, erection maintenance, night working, inspection facilities, safety measures at work sites/casting for workmen and road users, preparation of working drawing, staging, shuttering, form work, stacking yard etc. establishment and overhead charges, labour camps, insurance costs for labour and works, contractor's profit and, all taxes, royalties, duties, Cess, levies and other charges together with all general risks, liabilities and obligations set out or implied in the contract and including remedy of any defects etc. complete as specified under GCC Clause 39.
5. The whole cost of complying with the provisions of the contract shall be deemed to have been included in the quoted rates.
6. The method of measurement of completed work for payment shall be in accordance with the requirements as stated in the individual sections of the Technical Specifications and standard method.
7. In the defined grade of concrete mix, the first figure defines the strength of concrete and second figure defines the maximum size of coarse aggregates to be used for production of particular concrete mix. e.g. M 40/20 means 'M-40' is the grade of concrete and '20' is the maximum size of coarse aggregate in mm to be used.
8. Tenderer may note that to perform this contract, nothing extra shall be payable on account of field constraints, availability of front, preparation of detailed scheme for taking necessary clearance and approval from the concerned authority and other local bodies etc.
9. The tender drawing enclosed is an indicative of general size and shape of the sign boards, the size and shape of sign boards may vary according to the site requirement during the execution. necessary 'Good for Construction drawings' shall be issued from time to time during execution without any extra cost and no claims shall be entertained on this account what so ever be the reasons.
10. On award of contract, the contractor will have to provide the detailed working program indicating the mobilization time, monthly productivity rate etc. please note that mobilization to take up the work activities should not exceed 20 days from the date of issue of Notice to Proceed.
11. **Payment terms:**
For all the item rates quoted in the respective schedule, 100% payment shall be released after completion of the work as per approved drawings duly fulfilling the quality requirement, submission of necessary test reports and insurance & indemnity bond and also certification by the Engineer.
12. **Taxes & Duties**
 - a. The quoted price shall be inclusive of all applicable taxes, duties, cess, levies under applicable Acts, but **exclusive of GST** as specified under GCC Clause 39. BMRCL will pay the GST on value of supplies/works done as invoiced by the contractor, at rates as per applicable Law.
 - b. The Tenderer shall ascertain all applicable Taxes, duties, cess, levies under the applicable Acts and shall be included in the quoted price.

- c. **Income Tax (IT) deduction:** As per the prevailing rate, IT shall be deducted and remitted to the Income Tax authorities and Form 16 shall be furnished by BMRCL in proof of remittance to IT Department. For availing lower deduction of Income Tax, necessary certificate for each financial year issued by the Income Tax Authority shall be furnished by the Contractor, failing which IT at the maximum rate will be deducted.
13. The Tender is a **Percentage Tender**. The Cost of all the individual items shall be computed for the entire work and the Tender Premium (excess or less or at par) on the Total (Estimated) cost shall be quoted. Any additional item/s not found in the BOQ and if it is required to be executed for completion of the work under this Contract, the rate for which shall be as per KPWD schedule of Rates of the respective year above or below Tender premium which the BMRCL has accepted. If the item required is not found in any of the schedule of Rates of KPWD or CPWD, then rate shall be worked out as stipulated in GCC Clause 35.
14. The Percentage quoted by the Tenderer shall be fixed for the duration of the Contract and shall not be subject to adjustment on any account.
15. Tender submitted with an adjustable price quotation will be treated as non-responsive and rejected, pursuant to ITT Clause 23.
16. The Contractor shall be entirely responsible for license fees and any other incidentals incurred until completion of the whole of the Works and handover to the Employer.
17. The Contractor shall maintain complete records of duties, other taxes and levies, etc; payable to various authorities in relation to the Works and submit the receipts/records for verification as and when demanded in writing by the Employer.
18. Any increase in GST shall not be paid in the extended period of Contract for which the Contractor alone is responsible for delay as determined by the Engineer while granting the extension of time. However, this shall not be applicable for "variations".
- 19. Unpriced Items**
- Items against which no rate or sum is entered by the Tenderer, whether quantities are stated or not shall be regarded as covered by other rates in the Statement of Prices/Tender Pricing. The Tenderer shall take regard of the actual site conditions and the items entered in the Bill of Quantities. The Tenderer shall price his Tender accordingly and the Percentage quoted (excess or less or at par) in the BOQ entered shall be full and only price paid for all work performed against that item except as described in the Tender Documents.
20. Tenderer shall quote the Tender Premium (excess or less or at par) on the Total Estimated Cost in the 'Price Bid'/BOQ included in Excel format (*.xls) under 'Tender Documents' of the e-Procurement portal.
21. The evaluation and comparison of Tenders shall be made accordingly by BMRCL. No claim will be entertained on this account after acceptance of the Tender or during the currency of the Contract.

BILL OF QUANTITY

Name of work: **SUPPLY AND INSTALLATION OF ANCILLARY WORKS FOR SIX (06) ELEVATED STATIONS AND TWELVE (12) UNDERGROUND METRO STATIONS OF REACH-6 UNDER PHASE-II**

SECTION 1: FABRICATION AND INSTALLATION

Sl. No	Description of Items	Unit	Total Qty	Unit Rate in INR.	Amount in INR.
1	2	3	4	5	6 = (4 x 5)
1	Section 1: FABRICATION, SUPPLY & INSTALLATION				
1.1	MET covers Type A - Size: 700X650X 200 Made of FRP Box and with transparent Polycarbonate window, the scope includes fixing of Polycarbonate sheet, transportation, shifting to location and installation of the same at site with necessary anchor fasteners. The scope includes all tools and safety equipment for execute the job at site. Photo No -01 of Technical Specification: Vol.-1	Nos	66	9,126.67	6,02,360.00
1.2	MET covers Type B - Size: 750X700X 200 Made of FRP Box and with transparent Polycarbonate window, the scope includes fixing of polycarbonate sheet, transportation, shifting to location and installation of the same at site with necessary anchor fasteners. The scope include all tools and safety equipment for execute the job at site. Photo No -01 of Technical Specification: Vol.-1	Nos	60	9,860.00	5,91,600.00
1.3	Supply, Fabrication and Installation, of MET covers Type C - Size: 950X650X 250 Made of FRP Box and with transparent Polycarbonate window, the scope includes fixing of polycarbonate sheet, transportation, shifting to location and installation of the same at site with necessary anchor fasteners. The scope include all tools and safety equipment for execute the job at site. Photo No -01 of Technical Specification: Vol.-1	No,s	30	12,140.00	3,64,200.00
1.4	Supply, Fabrication and Installation, of ASS-TSS display board - 3mm thick clear acrylic with 16, 3mm thick ACP sheet sandwich, vinyl print and 3/4"	No,s	30	4,180.67	1,25,420.00

SI. No	Description of Items	Unit	Total Qty	Unit Rate in INR.	Amount in INR.
1	2	3	4	5	6 = (4 x 5)
	SS MOQ studs 4Nos per board. Charges include design, delivery and installation, Size of "as per BMRCL requirement". As shown in photo no -02 of Technical Specification: Vol.-1				
1.5	Design, Fabrication, Supply & Installation of Custom Made Cable Loop Hanger Brackets as per Site Requirement for RBL of Kothanuru Depot required for hanging of loose Power cable, Made of Mild Steel with laser cutting and Powder coated. As shown in photo no -03 of Technical Specification: Vol.-1	Nos	8	4,746.33	37,970.67
1.6	Supply & Installation of caution Boards (750 V DC Do Not go on the Track) 2mm MS Plate Dimension: 12 Inch x 10-inch X 3mm thick with Powder coated and printing, Design as per BMRCL requirement. As shown in photo no -04 of Technical Specification: Vol.-1	Nos.	540	1,338.33	7,22,700.00
1.7	Supplying, Transportation, Loading & Unloading of Banner Polyester make, Material with Reflective Material for Proper Vision at Night as per BMRCL Design. As shown in photo no -05 of Technical Specification: Vol.-1	Sqft	2000	111.00	2,22,000.00
1.8	Supplying & Fixing of PVC Door Mats , Sky Status Dirt Trapper Doormats, with High-Quality Rubber Backing used to Keep the Mat Firmly in Place, Grey colour. Size will be decided after ASS/TSS room Doors Installation. As shown in photo no -06 of Technical Specification: Vol.-1	Sqft	1100	276.17	3,03,783.33
1.9	Supply & Installation of caution Boards (High Voltage Do Not go on the Track) for Walk Way Gates Black Colour 2mm MS Plate Dimension: 12 Inch x 10-inch X 3mm thick with Powder coated and printing for walkway gates, Design as per BMRCL requirement. As shown in photo no -07 of Technical Specification: Vol.-1	Nos.	72	1,330.00	95,760.00
1.10	Supply & Installation of 33kV High Voltage Do not touch Danger Board of 300*225mm M.S (Water Proof) Material Danger Board with Powder coated and printing & 4nos of Holes to fix in BMRCL Reach-6 UG cable Gallery. As shown in photo no -08 of Technical Specification: Vol.-1	Nos.	80	1,330.00	1,06,400.00
1.11	Supplying & Fixing of 3MM (Do not Cross this line) Safety Sticker on Platform. 3MM Fully Waterproof Printed vinyl sticker with Self Adhesive 2 mm thick for Stations of Reach-6 Section.	Sqft	936	793.00	7,42,248.00

SI. No	Description of Items	Unit	Total Qty	Unit Rate in INR.	Amount in INR.
1	2	3	4	5	6 = (4 x 5)
	As shown in photo no -09 of Technical Specification: Vol.-1				
1.12	Supply & Installation of "Danger High Voltage do not get down the Track Area in Platform" Board required to Platform Edge in All Stations of Reach-6 section of As per the approved sample & Photo (Kannada & English) by BMRCL. As shown in photo no -10 of Technical Specification: Vol.-1	Nos	108	1,784.00	1,92,672.00
1.13	Supplying, Transportation, Loading & Unloading of 4 Feet Length X 2 Feet Width X 3 feet Height PVC Table (Reputed Make) for Reach-6 UG stations used for testing & commissioning Team and Manning Staff before ROD. As shown in photo no -11 of Technical Specification: Vol.-1	Nos	12	3,656.17	43,874.00
1.14	Supplying, Transportation, Loading & Unloading of PVC (Reputed Make) CHR 2060/Supreme for Reach-6 UG stations used for testing & commissioning Team and Manning Staff before ROD. As shown in photo no -11 of Technical Specification: Vol.-1	Nos	24	1,989.83	47,756.00
1.15	Fabrication, supply & Installation of hanging support for 33 KV cables below and at the end of platforms , as per attached sketch c8 clamps in MS on struction with hot dip galvanized finish, the chains are of SS 304 grade including labour, material, tools, machineries, transportation etc. Complete as per the directions of engineer. Design as per BMRCL requirement. As shown in photo no -12 of Technical Specification: Vol.-1	Nos	216	1,048.33	2,26,440.00
1.16	ASS/TSS Room Name Display Boards in Kannada & English for Reach-6 Section Design as per BMRCL requirement. As shown in photo no -13 of Technical Specification: Vol.-1	Nos	70	1,268.33	88,783.33
					45,13,967.33

SUMMARY OF BILL OF QUANTITY

Sl.no.	Description of Items	Amount in INR
1.	Section 1: Fabrication and Installation	45,13,967.33
Grand Total		45,13,967.33