



NOIDA METRO RAIL CORPORATION LIMITED

CONTRACT NO: NMRC/Projects/NGNEDDC/2025/415

Civil and Architectural Work for Development of NMRC Project Office at 2nd floor, Ganga Shopping Complex, Sector-29, Noida.

VOLUME-4

Bill of Quantities (BOQ)

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

PREAMBLE TO THE BOQ

1. The Bill of Quantities shall be read in conjunction with Instructions to Tenderers, General and Special Conditions of Contract, Notice Inviting Tender and Scope of Work.
2. Schedule 'A' comprises of Civil and Architectural Work to be carried out for the development of the project office.
3. Schedule 'B' comprises of Plumbing Works to be carried out for the development of the project office.
4. If the tenderer fails to quote against any item, the tender may be treated as incomplete and non-responsive and shall be rejected.
5. Tenderers shall quote their offer in Indian Rupees (INR) only.
6. Errors will be corrected by the employer for any arithmetic errors in computation or summation as per contract conditions.
7. All the unit rates and amounts should be filled only in figures. In case of any discrepancy between amount in figures and in words, the value provided in figures shall be treated as sacrosanct.
8. The work executed against the BOQ items would be paid on actual targets achieved basis.

**Civil and Architectural Work for Development of NMRC Project Office at 2nd floor, Ganga Shopping Complex,
Sector-29, Noida.**

Schedule A - Civil & Architectural Works (DSR Items)

S.No.	DSR Ref. No.	DESCRIPTION	UNIT	QTY	Rate	Amount
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Schedule A - DSR Items (DSR 2023)

A1 - RCC and Steel Works

A1.1	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	CuM	1.420	₹ 11,505.50	₹ 16,337.81
A1.2	5.9	Centering and shuttering including strutting, propping etc. and removal of form for all heights :				
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	20	₹ 736.40	₹ 14,728.00
A1.3	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	186	₹ 107.85	₹ 20,060.10
A1.4	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	2700	₹ 133.70	₹ 3,60,990.00
A1.5	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
	10.16.2	Hot finished seamless type tubes	Kg	200	₹ 206.35	₹ 41,270.00
A1.6	10.20	Providing and fixing bolts including nuts and washers complete.	Kg	150	₹ 159.35	₹ 23,902.50

A2 - Masonry & Plaster Work

A2.1	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	CuM	75.000	₹ 6,812.00	₹ 5,10,900.00
A2.2	6.4.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	30.000	₹ 9,344.35	₹ 2,80,330.50
A2.3	6.15	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	SQM	200.000	₹ 104.80	₹ 20,960.00
A2.4	6.13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
	6.13.2	Cement mortar 1:4 (1 cement :4 coarse sand)	SQM	200.000	₹ 1,123.80	₹ 2,24,760.00
A2.5	13.2.1	15 mm cement plaster on the rough side of single or half brick wall of mix. 1:4 (1 cement : 4 fine sand)	SQM	90.000	₹ 399.45	₹ 35,950.50
A2.6	13.4	12 mm cement plaster of mix				
	13.4.1	1:4 (1 cement: 4 coarse sand)	SQM	900.000	₹ 357.35	₹ 3,21,615.00

A3 - Demolition Work

S.No.	DSR Ref. No.	DESCRIPTION	UNIT	QTY	Rate	Amount
A3.1	15.23.1	Dismantling tile work in floors and roofs laid in cement mortar, including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.	SQM	400.000	₹ 73.40	₹ 29,360.00
A3.2	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster, including disposal of rubbish to the dumping ground within 50 metres lead.	SQM	1500.000	₹ 54.65	₹ 81,975.00
A3.3	15.7.4	Dismantling brick work manually/by mechanical means in cement mortar, including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	CUM	200.000	₹ 2,060.20	₹ 4,12,040.00
A3.4	15.25	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable materials and disposal of unserviceable material within 50 metres lead.	sqm	450.000	₹ 266.45	₹ 1,19,902.50
A3.5	15.12.2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : 15.12.2 Of area beyond 3 sq. metres	each	55.000	₹ 502.75	₹ 27,651.25

A4 - Waterproofing Work

A4.1	22.3	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of: (i) 1st course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. (ii) 2nd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface. (iii) 3rd course of applying blown or residual bitumen applied hot at 1.7 kg. per sqm of area. (iv) 4th course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/ sqm).	Sqm	45.000	₹ 769.60	₹ 34,632.00
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A5 - Flooring Work

A5.1	11.3	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.				
	11.3.1	40 mm thick with 20 mm nominal size stone aggregate	Sqm	45.000	₹ 614.20	₹ 27,639.00
A5.2	11.41A	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.				
	11.41A.1	Double charge vitrified tile polished finish of size				
A5.2.1	11.41A.1.1	Size of Tile 600 x 600 mm	Sqm	200.000	₹ 1,453.65	₹ 2,90,730.00
A5.2.2	11.41A.1.3	Size of Tile 600 x 1200 mm	Sqm	200.000	₹ 1,577.15	₹ 3,15,430.00
	11.41A.3	Glazed Vitrified tiles Matt/Antiskid finish of size				
A5.2.3	11.41A.3.1	Size of Tile 600 x 600 mm	Sqm	100.000	₹ 1,464.85	₹ 1,46,485.00
A5.2.4	11.41A.3.5	Size of Tile 1200 x 1200 mm	Sqm	100.000	₹ 2,838.50	₹ 2,83,850.00

S.No.	DSR Ref. No.	DESCRIPTION	UNIT	QTY	Rate	Amount
A5.3	11.56	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.				
	11.56.1	Polished Granite stone slab of colour Black, Cherry/Ruby Red or equivalent	Sqm	48.120	₹ 4,481.30	₹ 2,15,640.16
A5.4	11.54	Providing and fixing removable raised/false access flooring with system and its components of approved make for different plenum height with possible height adjustment upto 50 mm, comprising of modular load bearing floor panels supported on G.I. rectangular stinger frame work and G.I. Pedestal etc. all complete, as per the architectural drawings, as specified and as directed by Engineer-in-charge consisting of: (a) Providing at required spacing to form modular framework, pedestals made out of GI tube of thickness minimum 2 mm and 25 mm outer diameter, fully welded on to the G.I. Base plate of size 100mm x 100mm x 3mm at the bottom of the pedestal tube, G.I. pedestal head of size 75mmx75mmx3.5 mm welded with GI fully threaded stud 16mm outer diameter with two GI Check nuts screwed on the stud for level adjustment upto 50mm, locking and stabilizing the pedestal head in position at the required level. The pedestals shall be fixed to the subfloor (base) through base plate using epoxy based adhesive of approved make or the machine screw with rawl plug. (b) Stringers system in all steel construction hot dipped galvanized of rectangular size 570x20x30x0.80mm thick having holes at both ends for securing the stringers on to the pedestal head using fully threaded screws ensuring maximum lateral stability in all directions, the grid formed by the pedestal and stringer assembly shall receive the floor panel, this system shall provide adequate solid, rigid support for access floor panel, the system shall provide a minimum clear uninterrupted clearance between the bottom of the floor for electrical conduits and wiring etc. all complete as per the architectural drawings, as specified and as directed by the				
	11.54.2	450mm finish floor ht.	Sqm	45.000	₹ 5,977.35	₹ 2,68,980.75

A6 - False Ceiling Work

S.No.	DSR Ref. No.	DESCRIPTION	UNIT	QTY	Rate	Amount
A6.1	12.59	Providing & fixing false ceiling at all height including providing & fixing of framework made of special section, power pressed from M.S. sheets and galvanised with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleat of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm c/c, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25 x10 x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I chanel 45 x15 x 0.90 mm running at the spacing of 1200 mm c/c, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5mm, at 450 mm c/c, shall be fixed in a direction perpendicular to G.I intermediate channel with connecting clip made out of 2.64 mm dia x 230 mm long G.I wire at every junction, including fixing perimeter channels 0.50 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/ partitions with the help of Rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230 mm interval, including fixing of Calcium Silicate Board to ceiling section and perimeter channels with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing & finishing to a flush finish of tapered and square edges of the board with recommended jointing compounds, jointing tapes, finishing with jointing compounds in three layers covering up to 150 mm on both sides of joints and two coats of primer suitable for boards, all as per manufacture's specification and also including the cost of making opening for light fittings, grills, diffusers, cut outs made				
	12.59.1	8 mm thick Calcium Silicate Board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process.	SQM	473.230	₹ 1,572.30	₹ 7,44,059.53
A6.2	26.27	Providing and fixing mineral fibre false ceiling tiles at all heights of size 595X595 mm of approved texture, design and pattern. The tiles should have Humidity Resistance (RH) of 99%, Light Reflectance ≥ 85%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Fire Performance as per (BS 476 pt - 6 &7) in true horizontal level suspended on interlocking T-Grid of hot dipped all round galvanized iron section of 0.33 mm thick (galvanized @120 gsm) comprising of main T runners of 15x32 mm of length 3000 mm, cross T of size 15x32 mm of length 1200 mm and secondary intermediate cross T of size 15x32 mm of length 600 mm to form grid module of size 600x600 mm suspended from ceiling using galvanized mild steel item (galvanised@80gsm) 50 mm long 8 mm outer diameter M-6 dash fasteners, 6 mm diameter fully threaded hanger rod up to 1000 mm length and L-shape level adjuster of size 85x25x2 mm, spaced at 1200 mm centre to centre along main 'T'. The system should rest on periphery walls /partitions with the help of GI perimeter wall angle of size24x24X3000 mm made of 0.40 mm thick sheet, to be fixed to the wall with help of plastic rawl plug at 450 mm centre to centre & 40 mm long dry wall S.S. screws. The exposed bottom portion of all T-sections used in false ceiling support system shall be pre-painted with polyester baked paint, for all heights. The work shall be carried out as per specifications, drawings and as per directions of the engineer-in-charge.				
	26.27.1	With 16 mm thick beveled tegular mineral fibre false ceiling tile (NRC 0.55 to 0.60)	sqm	135.36	₹ 2,333.60	₹ 3,15,876.10

S.No.	DSR Ref. No.	DESCRIPTION	UNIT	QTY	Rate	Amount
A7 - Painting Work						
A7.1	13.83	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.				
	13.83.2	Two coats	sqm	1944.034	₹ 142.80	₹ 2,77,608.06
A7.2	13.85	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.				
	13.85.3	With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	sqm	1944.034	₹ 73.95	₹ 1,43,761.31
A7.3	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	1944.034	₹ 156.05	₹ 3,03,366.51
A7.4	13.88	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	sqm	1000	₹ 13.90	₹ 13,900.00
A8 - Partition Work						
A8.1	9.154	Providing and fixing frame work for partitions/ wall lining etc. made of 50x50x1.6 mm hollow MS tube, placed along the walls, ceiling and floor in a grid pattern with spacing @ 60 cm centre to centre both ways (vertically & horizontally) or at required spacing near opening, with necessary welding at junctions and fixing the frame to wall/ ceiling/ floors with steel dash fasteners of 8 mm dia, 75 mm long bolt, including making provision for opening for doors, windows, electrical conduits, switch boards etc., including providing with two coats of approved steel primer etc. complete, all as per direction of Engineer-in-charge.	kg	3900	₹ 166.80	₹ 6,50,520.00
A9 - Door/Window						
A9.1	9.21	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
	9.21.1	35 mm thick including ISI marked Stainless Steel butt hinges with ne	sqm	81.9	₹ 2,392.65	₹ 1,95,958.04
A9.2	9.23	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	sqm	81.9	₹ 462.35	₹ 37,866.47
A9.3	9.24	Extra for providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured):				
	9.24.1	Rectangular or square	sqm	3	₹ 199.15	₹ 597.45
A9.4	9.127	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.				
	9.127.2	1.0 mm thick	sqm	126	₹ 897.30	₹ 1,13,059.80
A9.5	21.18	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & DOUBLE ACTION HYDRAULIC FLOOR spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc.to be paid separately).	sqm	45.00	₹ 5,325.90	₹ 2,39,665.50

S.No.	DSR Ref. No.	DESCRIPTION	UNIT	QTY	Rate	Amount
A9.6	NDSR	FROSTED FILM (CRYSTAL QUALITY) :- Providing and fixing scotchcal over glass surface with 15 yrs MCS warranty) as approval of the Architect. (Only film surface area shall be measured and paid).	sqm	45.00	₹ 2,152.35	₹ 96,855.60
A9.7	NDSR	Providing and pasting sun film of approved make	sqm	75.00	₹ 242.60	₹ 18,195.21
A10 - Signage Work						
A10.1		Entry/Exit Signage				
		FACE MOUNTED SINGLE SIDED ILLUMINATED SIGN				
		400 mm X 600 mm	Nos	5.000	₹ 7,389.64	₹ 36,948.22
		900 mm X 400 mm	Nos	5.000	₹ 9,687.42	₹ 48,437.12
A10.2		FACE MOUNTED NON-ILLUMINATED SIGN				
		Provided and fixing face mounted single sided Nonilluminated signage made from slender top & bottom 2mm aluminium profiles, Aluminium CNC milled/routed endcaps and bulging 2mm thick polycarbonate sheeting with vinyl message and Clear vinyl Protected layer (3630 series of 3M or equivalent). The Signage shall be fixed using aluminium profile and MS brackets.The Signage shall have an easy mechanism of removing the content/Information for inspection and access of the services. Internal signs shall be IP52 and external signs shall be IP65 certified as per graphic.as per the fabrication drawing.back covering sheet should be 4mm thik ACP				
		900 mm X 500 mm	Nos	4.000	₹ 3,166.57	₹ 12,666.27
		1120 mm X 1000 mm	Nos	2.000	₹ 7,880.91	₹ 15,761.81
		1200mm X 400mm	Nos	2.000	₹ 4,230.68	₹ 8,461.36
		1200mm X 1800mm	Nos	2.000	₹ 19,038.42	₹ 38,076.84
		3400 mm X 500 mm	Nos	2.000	₹ 11,961.82	₹ 23,923.64
A10.3		Sunboard Signages discription				
		Providing and fixing Digital Print 5mm Sunboard signs board including all operations to installation all complete as per relevant drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-charge.The digital print Sunboard should be laminated in 100 micron. as per the fabrication drawing.				
		Accessories				
		Providing and fixing all accessories such as double tape, screws with cap, plastic hollow wall insert etc. complete as per specified fabrication drawing.				
		Above description generally holds good for the following signage except due modifications due to their respective finished dimensions and fixing arrangements:-				
		300mm X 300mm	Nos	25.000	₹ 379.19	₹ 9,479.66
		600mm X 400mm	Nos	15.000	₹ 1,012.38	₹ 15,185.67
	1500mm X 400mm	Nos	10.000	₹ 2,530.03	₹ 25,300.35	
		Panic Bar Door				
A11 - Miscellaneous Work						
A11.1		Artwork				
	NDSR	Design,development & applying of hand painted wall Art work in enamel/acrylic enamel included base paint, colouring, PU coating of the art work with all design elements elaborated and final design shall be approved by competent athourity. (the rate are inculsive of all taxes(GST) etc.	Sqm	18.72	₹ 2,597.44	₹ 48,624.14
A11.2	17.32	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :				

S.No.	DSR Ref. No.	DESCRIPTION	UNIT	QTY	Rate	Amount
	17.32.2	Rectangular shape 453x357 mm	Each	10	₹ 1,361.80	₹ 13,618.00
	17.32.4	Rectangular shape 1500x450 mm	Each	10	₹ 2,093.00	₹ 20,930.00
A11.3		Any other DSR				₹ 25,00,000.00
		Total of DSR Items (Schedule A) -				₹ 1,00,94,822.71
Schedule B - Civil & Architectural Works (NDSR Items)						
B1.1	NDSR-01	Providing and fixing Hessian rod/anchor rod including chemical nut and washer complete 15/250mm (HILTI/FISHER or equivalent)	Nos.	100	₹ 1,322.33	₹ 1,32,233.00
B1.2	NDSR-02	Providing and fixing fire resistant door frame of section 143 x 57 mm having built in rebate made out of 16 SWG G.I. sheet (zinc coating not less than 120 gm/sqm) duly filled with vermiculite based concrete mix, suitable for mounting 60 minutes fire rated door shutters. The frame is fitted with intumescent fire seal strip of size 10x4 mm (minimum) around the frame and fixing with dash fastener of approved size and make, including applying a coat of approved brand fire resistant primer etc. complete as per direction of Engineer-in-charge (Dash fastener to be paid for separately).	metre	10.2	₹ 1,369.61	₹ 13,970.02
B1.3	NDSR-03	Providing and fixing 50 mm thick glazed fire resistant door shutters of 60 minutes fire rating conforming to IS:3614 (Part-II), tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, lock rail, top rail 100 mm wide, bottom rail 200 mm wide, made out of 16 SWG G.I. sheet (zinc coating not less than 120 gm/m2) duly filled FR insulation material and fixing with necessary stainless steel ball bearing hinges of approved make, including applying a coat of approved fire resistant primer etc. all complete as per direction of Engineer-in-charge (panneling to be paid for separately).	sqm	6.3	₹ 7,137.70	₹ 44,967.49
B1.4	NDSR-04	Providing and fixing panic bar / latch (Double point) fitted with a single body, Trim Latch & Lock on back side of the Panic Latch of reputed brand and manufacture to be approved by the Engineer-in-charge, all complete.	nos	2	₹ 6,777.94	₹ 13,555.88
B1.5	NDSR-05	Providing and laying wooden flooring with 1210 x 190 x 8mm thick pe laminated wooden panels of vistroyal range including the cost of fixing PE sheet flush factor glue and bopp tape. The floor shall be provided with PE sheet than the PE sheet shall be provided with flush factor foam sheet so as to naturalise load / weight effect on the flooring panels. The flooring panels shall be provided from top to tongued groove arrangement in flooring around.	Sqm.	345.31	₹ 4,272.71	₹ 14,75,411.01

S.No.	DSR Ref. No.	DESCRIPTION	UNIT	QTY	Rate	Amount
B1.6	NDSR-06	<p>Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll from G.I. sheet with zinc coating of 120 gms/sqm (both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32mm and 0.50mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete. 75 mm overall thickness partition with 12 mm commercial ply over 6 mm thick ply both side</p>	sqm.	1500	₹ 1,441.73	₹ 21,62,601.40

S.No.	DSR Ref. No.	DESCRIPTION	UNIT	QTY	Rate	Amount
B1.7	NDSR-07	<p>Providing and fixing factory made uPVC white color sliding glazed window upto 1.8m in height, dimension comprising of uPVC multi-chambered extruded frame and sash profiles, Frame should be duly reinforced with 1mm G.I. section & Sash with 1.5 to 2mm thick G.I. section based on wind load calculation, (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads, uPVC extruded interlocks, and uPVC extruded interlocks, and uPVC extruded inline sash adaptor (if required), Co-extruded TPV Gasket having separate drainage system, wool pile, zincalloy (white powder coated) handle on one side of extreme panel along with zinc plated mildsteel multi locking having transmission gear with keeps, zinc alloy (white powder coated) touchlocks with hook, (if required for wire mesh panel) stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120kg), G.I. Fasteners 100x8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary steel screws etc. Profile of Frame & sash shall be metered cut and fusion welded at all corner. including drilling of holes for fixing hardware & drainage etc. After fixing frame, the gap between frame and adjacent wall shall be filled with PU foam / backer rod of required size and the approved quality. After that sealed with weather proof silicon sealant at both the side (inside & outside), all complete as per approved drawing and direction of Engineer-in-charge. NOTE- For uPVC frame sash & mullion extruded profile minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Three track five panels sliding cum fixed windows out of them one is completely fixed at centre & two sliding glass panels along with two nos fly proof SS wire mesh panel (two nos glazed & two nos wire mesh panel) made of frame 108x45 mm & sash 39x58 mm & screen sash 39x58 mm, all having wall thickness of 2.2+0.2 mm single glazing bead 20x18mm & necessary interlock of appropriate dimension. Glass:- 6mm Toughened. Approved Make:- Wintech/ Aluplast/Fenesta/EuroGroup</p>	SQM	75	₹ 9,351.45	₹ 7,01,358.67
B1.8	NDSR-8	<p>Providing and fixing 6mm thick toughened glass in existing frame, subframe with EPDM rubber gasket silicon sealant and necessary pressure clip as and where require. The rate quoted shall be inclusive of fixing and grinding corners and required hole etc all complete and all taxes etc. The contractor shall visit the site and take exact measurement of size in which glass is to be provided at various locations.</p>	sqm	37	₹ 2,510.85	₹ 92,901.54
B1.9	NDSR-9	<p>Providing and fixing 10mm thick toughened glass in existing frame, subframe with EPDM rubber gasket silicon sealant and necessary pressure clip as and where require. The rate quoted shall be inclusive of fixing and grinding corners and required hole etc all complete and all taxes etc. The contractor shall visit the site and take exact measurement of size in which glass is to be provided at various locations.</p>	SQM	63	₹ 3,260.85	₹ 2,05,433.62
B1.10	NDSR-10	<p>Digital ultraviolet printing over glass / SS sandwich panel/ metal sheets/ tiles etc. designed as desired and using original UV 8 color inks with 29 picolitre SPECTRA Galaxy Print head or equivalent. Double deposition of ink on fixed vacuum table of size bigger than 2500 x 1500 for precision holding of glass/metal sheet etc including the cost of transportation, loading and unloading etc, complete as per architectural drawing and direction of Engineer-in-charge. Printing shall be smooth / textured face directed.</p>	SQM	25	₹ 1,767.40	₹ 44,185.06

S.No.	DSR Ref. No.	DESCRIPTION	UNIT	QTY	Rate	Amount
B1.11	NDSR-11	Providing and fixing 10mm thick poly carbonate sheet make GE or equivalent and make confirming to IS 14443:1987 of required colour, fasteners, silicon sealent, EPDM gaskets and shade including self drilling / self tapping screw as per requirement.	SQM	50	₹ 3,326.79	₹ 1,66,339.65
B1.12	NDSR-12	providing and fixing Eurofile Mortice lock -240 with double pin cylinder having master arrangement and ss handles	EACH	25	₹ 2,245.48	₹ 56,137.08
B1.14	NDSR-14	Providing and laying fly ash foam clinker/ khangar.Make is as per direction of Engineer-in-charge	CUM	10	₹ 3,345.02	₹ 33,450.24
B1.15	NDSR-15	Supply and Installlation of Roller Blinds without head rail of approved shade and color. Suggested Brand: VISTA or equivalent	SQM	2000	₹ 1,513.84	₹ 30,27,670.66
B1.16	NDSR-16	Supplying and placing hanging planter box in the size of 300mm X 250mm X 450mm - 2nos. made out of 26mm thick imported wooden seasoned and chemically treated , Steel with painting, etc. including cost of ms frame workDouble hanging planter	SET	15	₹ 9,292.72	₹ 1,39,390.78
B1.17	NDSR-17	P/ A of Melamine polish including cost of PU Coating on wood surface by compressor Make is as per direction of Engineer-in-charge	sqm	530	₹ 1,625.68	₹ 8,61,609.97
B1.18	NDSR-18	Applying of groove Polishing on wall panelling/partition	RM	825	₹ 27.33	₹ 22,548.51
B1.19	NDSR-19	Providing and fixing plywood 4 mm thick, one side decorative veneer conforming to IS: 1328 (type-1), for plain lining / cladding with necessary screws, including priming coat on unexposed surface with : Decorative veneer facings of approved manufacture. Approved Make:- Greenlame/Century/Merino	Sqm	530	₹ 1,033.34	₹ 5,47,669.89
B1.20	NDSR-20	Providing, and fixing SS 316 Pull Handle with lock Ø 38mm X 1125mm (C/C)X1500mm(L) of approved quality with necessary screws etc. complete.Approved Make:- Kich/Hafele/ Godrej	Nos	20	₹ 13,229.01	₹ 2,64,580.11
B1.21	NDSR-21	Providing and fixing SS 316 Grade Mortice Handle ◻ 19mm+duro profile escutcheons [Satin][BSEN 1906-2010 Tested] with screws etc. complete. Approved Make:- Kich/Hafele/ Godrej	Nos.	25	2281.59	₹ 57,039.80
B1.22	NDSR-22	Providing and fixing SS 304 Grade Tower Bolt (Square) Size: 300mm Finish: Satin with necessary screws etc. complete. Approved Make:- Kich/Hafele/ Godrej 250x10 mm	Nos.	25	870.49	₹ 21,762.15
B1.25	NDSR-25	Providing and fixing aluminum die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm) with necessary accessories and screws etc. complete.	Nos.	25	1181.59	₹ 29,539.82
B1.26	NDSR-26	Providing, and fixing S.S.316 GradeDoor Stop Half Moon[Finish : Satin] of approved quality with necessary screws etc. complete. Approved Make:- Kich/Hafele/ Godrej	Nos.	45	640.00	₹ 28,800.13

S.No.	DSR Ref. No.	DESCRIPTION	UNIT	QTY	Rate	Amount
B1.27	NDSR-27	Designing, Providing, Fabrication and erection of extruded aluminium fixed louvers / aerofoil sections of approved shade and colour powder coated (minimum thickness of coating 55 microns) with extruded aluminium subframe, extruded built up standard elliptical sections conforming to IS: 733 and IS: 1285 fixed with raw plugs and stainless steel screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt complete in all respect. Aluminium sections shall be smooth, rust free, straight, as per architectural drawings and the directions of Engineer-in-charge.etc. All structural steel support frame work shall be paid seperately as per DSR.	Kg	100	480.73	₹ 48,073.02
B1.28	NDSR-28	FIXED FURNITURE Cabinet Carcass- Providing and fixing Pre-laminated 18mm thick Commercial Ply, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in cabinet carcass with screws and fittings wherever required, edges to be painted with polyurethane primer (fittings to be paid separately).	Sqm	150	3100.17	₹ 4,65,025.69
		TOTAL NDSR ITEMS (Schedule B) -				₹ 1,06,56,255.18
		TOTAL AMOUNT OF CIVIL WORKS -				₹ 2,07,51,077.89

Civil and Architectural Work for Development of NMRC Project Office at 2nd floor, Ganga Shopping Complex, Sector-29, Noida.

Schedule C - Plumbing Works

S. No.	DSR 2023/ NDSR	Description	Unit	Qty	DSR Rate (in Rs.)	DSR Amount (in Rs.)
1.0		<u>SANITARY FIXTURES & FITTINGS</u>				
1.1	17.78	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete	Each	15	₹ 14,999.15	₹ 2,24,987.25
1.2	NDSR	Providing , fixing testing and commissioning of white vitreous china flat back or half stall urinal of size 610 x410 x 380 mm with fitting, standard size CP brass flush pipe , spreaders with union and clamps (all in CP brass) with waste fitting and other coupling in Cp brass including painting of fitting and cutting and making good walls floor where ever required(make: hindware cat no 60013, Jaquar - URSWHT 0704))	Nos.	11	₹ 16,046.75	₹ 1,76,514.24
1.3	NDSR	Extra for over item providing and installing INFRA RED controlled electrically operated (2200 V AC mains) Auto matic flushing system of approved make insdead of urinals with flushing cisten , comprising of:light sensing device fixed in recessed metallic box with tamper resistant stainless stell outer case. solenoid valve housed in a recessed metallic box with openable cover mounted at high level (at desired height from mfinished floor level)completed with interconnected control wiring in recessed pvc conduit between solonoid valve and sensing unit , including cutting and making good the wall and floor complete as required (make: Hindware - 500963, Jaquar - SNR51097)	Nos.	11	₹ 5,530.66	₹ 60,837.31
1.4	NDSR	Providing , fixing white glazed vitrious china urinal partition of approved make including rawal plugs, screws ,or any other approved divices for fixing arrangements making holes in a wall , floor and making good (make: hindware- cat no 61005)	Nos.	5	₹ 5,244.24	₹ 26,221.19
1.5	NDSR	Providing , fixing testing and commissioning of white/ivory colour vitreous china below/ over conter oval wash Basin of size 630 x 500) C.P. brass waste, C.P. brass chain with rubber plug, 32 mm diameter C.P. cast bottle trap with extension piece, wall flange and union complete, including cutting and making good the walls floors wherever required. (make -Hindware cat no 10080, Jaquar- Continental cat no CNSWHTWB03)	Nos.	15	₹ 4,556.36	₹ 68,345.35

S. No.	DSR 2023/ NDSR	Description	Unit	Qty	DSR Rate (in Rs.)	DSR Amount (in Rs.)
1.6	NDSR	Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 263 gms.	Nos.	30	₹ 507.00	₹ 15,209.90
1.7	NDSR	Providing and fixing wash basin taps (Hindware- Sensor faucet , Jaquar- SNRCHR51011)	Nos.	15	₹ 9,997.30	₹ 1,49,959.46
1.8	17.10	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls Wherever required:				
	17.10.1	Kitchen sink with drain board				
	17.10.1.1	510x1040 mm bowl depth 250 mm	Each	1	₹ 6,945.60	₹ 6,945.60
1.9	NDSR	Providing and fixing , testing and commissioning of 15 mm dia . Two way CP brass bib cock (Hindware - Contessa, Jaquar - CON 041KN) with hose union and CP wall flange ABS health faucet (Hindware- Cat no F160001, jaquare- Cat no. ALDCHR 583) complete with hook and flexible ss tube minimum length 1.0m as required	Nos.	15	₹ 2,379.98	₹ 35,699.70
1.10	17.32	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :				
	17.32.2	Rectangular shape 453x357 mm	Each	8	₹ 1,361.80	₹ 10,894.40
	17.32.4	Rectangular shape 1500x450 mm	Each	12	₹ 2,093.00	₹ 25,116.00
1.11	17.34	Providing and fixing toilet paper holder				
	17.34.1	C.P. brass	Each	15	₹ 803.70	₹ 12,055.50
1.12	18.50	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms				
	18.50.1	15 mm nominal bore	Each	3	₹ 820.70	₹ 2,462.10
1.13	NDSR	Providing and fixing Angle valve (make: Jaguar) Code: FLR-5053N	Nos.	45	₹ 1,063.67	₹ 47,865.15
1.14	NDSR	Providing and fixing of SS liquid soap dispenser complete as required. (Make : Jaquar Cat No. CAN 1135N)		15	₹ 1,510.35	₹ 22,655.25
1.15	17.28.	17.28 Providing and fixing P.V.C. waste pipe for sink or wash basin including				
	17.28.2	Flexible pipe				
	17.28.2.2	40 mm dia	each	1	₹ 119.55	₹ 119.55
1.16	NDSR	Providing and fixing of CP brass twin coat hook.(Make- Hindware Cat no. 5890001, Jaquar-Model No- 1161 N)	each	18	₹ 633.82	₹ 11,408.72
1.17	NDSR	Providing, and fixing SS 304 Floor DrainSize:127X127 mm Finish: Satin of approved quality with necessary screws etc. complete. Approved Make:- Kich/Hafele/ Godrej	Nos	27	₹ 632.22	₹ 17,069.91

S. No.	DSR 2023/ NDSR	Description	Unit	Qty	DSR Rate (in Rs.)	DSR Amount (in Rs.)
1.18	NDSR	Supply of 15mm pillar cock of wash basin of approved quality and direction of Engineer-in-charge.	each	1	₹ 1,972.59	₹ 1,972.59
1.19	NDSR	Providing and fixing brass Pressmatic/Press automatic closing Pillar Cock of approved quality and colour as per IS standards	each	15	₹ 2,500.00	₹ 37,500.00
1.20	NDSR	P/F Hand Dryer(Electrical work)as per direction of Engineer-in-charge	each	9	₹ 8,879.67	₹ 79,917.07
		TOTAL CARRIED OVER TO SUMMARY				₹ 10,33,756.24
2.0		INTERNAL & EXTERNAL WATER SUPPLY				
2.1	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.				
		Concealed work, including cutting chases and making good the walls etc.				
2.1.1	18.8.1	15 mm nominal outer dia Pipes	Metre	23	₹ 497.80	₹ 11,449.40
2.1.2	18.8.2	20 mm nominal outer dia Pipes	Metre	37	₹ 537.60	₹ 19,891.20
2.1.3	18.8.3	25 mm nominal outer dia Pipes	Metre	22	₹ 627.25	₹ 13,799.50
2.1.4	18.8.4	32 mm nominal outer dia Pipes	Metre	9	₹ 739.30	₹ 6,653.70
2.2	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.				
		External work				
2.2.1	18.9.1	15 mm nominal dia Pipes	metre	1	₹ 244.70	₹ 244.70
2.2.2	18.9.2	20 mm nominal dia Pipes	metre	1	₹ 274.30	₹ 274.30
2.2.3	18.9.3	25 mm nominal dia Pipes	metre	1	₹ 355.40	₹ 355.40
2.2.4	18.9.4	32 mm nominal dia Pipes	metre	1	₹ 438.60	₹ 438.60
2.3	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end)				
2.3.1	18.17.1A	20 mm nominal dia Pipes	each	2	₹ 539.95	₹ 1,079.90
2.3.2	18.17.1	25 mm nominal dia Pipes	each	7	₹ 622.40	₹ 4,356.80
2.3.3	18.17.4	32 mm nominal dia Pipes	each	5	₹ 689.60	₹ 3,448.00
2.4	18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	per litre	4500	₹ 11.00	₹ 49,500.00
		TOTAL CARRIED OVER TO SUMMARY				₹ 1,11,491.50
3.0		SOIL, WASTE, VENT PIPES & FITTINGS.				
3.1	NDSR	Providing and laying Upvc 110 mm dia pipe.Make is as per direction of Engineer-in-charge	Rmt.	167	₹ 222.75	₹ 37,198.86
3.2	NDSR	P/F 110 mm dia UPVC Plain Bend, having thermal stability for hot & cold water supply	Each	40	₹ 151.00	₹ 6,039.92

S. No.	DSR 2023/ NDSR	Description	Unit	Qty	DSR Rate (in Rs.)	DSR Amount (in Rs.)
3.3	NDSR	P/F 110 mm dia UPVC Plain "T", having thermal stability for hot & cold water supply.	Each	47	₹ 187.30	₹ 8,803.25
		TOTAL CARRIED OVER TO SUMMARY			₹ 154.35	₹ 52,042.03
4.0		<u>RAIN WATER PIPES & FITTINGS</u>				
4.1	12.41	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
4.1.1	12.41.1	75 mm dia	Metre	1	₹ 248.80	₹ 248.80
	12.41.2	110 mm dia	Metre	6	₹ 377.40	₹ 2,264.40
4.2	12.43	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
4.2.1	12.43.1	75 mm dia	Each	1	₹ 369.85	₹ 369.85
	12.43.2	110 mm dia	Each	9	₹ 371.30	₹ 3,341.70
4.3	12.44	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	Each	3	₹ 54.70	₹ 164.10
		TOTAL CARRIED TO SUMMARY				₹ 6,388.85
5.0	DSR	Any other DSR item 2023 for plumbing works				₹ 1,00,000.00
		Total Plumbing Works				₹ 13,03,678.63