

CORRIGENDUM- 1, Dated 18/06/2025

BYPL NIT NO:		CMC/BY/24-25/RS/VK/05 Dated: 11.06.2025		
Work:		Demolition and reconstruction of substation no. 06 MMG office building near Vasundhara Market Delhi		
Sl. No.	NIT Clause Reference	Description	Bidder's Query	BYPL's Clarifications
1	SECTION- VI, PRICE BID	PRICE BID	Many items UoM is not as per standard.	Price bid format with correct UoM has been revised and attached herewith.

SECTION-VI (REVISED PRICE BID)

NIT No: CMC/BY/24-25/RS/VK/05 Dated: 11.06.2025

Name of work: Demolition and reconstruction of substation no. 06 MMG office building near Vasundhara Market Delhi in BYPL

S.No	Description	Qty.	Unit	Rate (₹ e/x GST)	Amount (₹ e/x GST)
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m	412.00	CUM		
2	Extra for every additional lift of 1.5 m or part thereof in excavation /banking excavated or stacked materials. All kinds of soil	290.00	CUM		
3	Close timbering in trenches including strutting, shoring and packing cavities (wherever required) complete. (Measurements to be taken of the face area timbered). Depth not exceeding 1.5 m	274.00	SQM		
4	Close timbering in trenches including strutting, shoring and packing cavities (wherever required) complete. (Measurements to be taken of the face area timbered).Depth exceeding 1.5 m but not exceeding 3 m	70.00	SQM		
5	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth,consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	610.00	CUM		
6	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyrifos/ Lindane emulsifiable concentrate of 20%	88.00	Ltr		
7	Diluting and injecting chemical emulsion for anti-termite treatment (excluding the cost of chemical emulsion) in bases of footings, vertical faces of brick wall/ RCC column, under floors, along external walll, apron , etc complete as per relevant IS codes (plinth area shall be measured for payment): With Chlorpyrifos/ Lindane E.C. 20% with 1% concentration	274.00	SQM		
8	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	62.00	CUM		
9	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 6 graded stone aggregate 20 mm nominal size (Recycled Concrete Aggregate (RCA) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth	42.00	SQM		
10	Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources and using recycled concrete aggregate (RCA) as coarse aggregate and fine aggregate within the permissible utilization, Portland Pozzolana / Ordinary Portland/Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works upto plinth level Concrete of M10 grade with minimum cement content of 220 kg /cum. ((Note: The permissible utilization of Recycled Concrete Aggregate (RCA) as coarse aggregate and fine aggregate is 100% each).	44.00	CUM		

S.No	Description	Qty.	Unit	Rate (₹ e/x GST)	Amount (₹ e/x GST)
11	Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete (make- ACC, Lafarage, Afcon, Ultra Tech). Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works upto plinth level : Concrete of M25 grade with minimum cement content of 300 kg /cum	142.00	CUM		
12	Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete (make- ACC, Lafarage, Afcon, Ultra Tech). Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works above plinth and upto floor V level : Concrete of M25 grade with minimum cement content of 300 kg /cum	52.00	CUM		
13	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	2.00	CUM		
14	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	24.00	CUM		
15	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:1½:3 (1 cement : 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	2.00	CUM		
16	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - 1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	24.00	CUM		
17	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	14.00	CUM		
18	Centring and shuttering including strutting, propping etc. and removal of form work for : Foundations, footings, bases of columns.	78.00	SQM		
19	Centring and shuttering including strutting, propping etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform	350.00	SQM		
20	Centring and shuttering including strutting, propping etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers	198.00	SQM		
21	Centring and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts	250.00	SQM		
22	Centring and shuttering including strutting, propping etc. and removal of form for: Stairs, (excluding landings) except spiral-staircases	24.00	SQM		

S.No	Description	Qty.	Unit	Rate (₹ e/x GST)	Amount (₹ e/x GST)
23	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc., including cost of de-shuttering and decentering at all levels, over a height of 3.5 m, for every additional height of 1 metre or part thereof (Plan area to be measured). Suspended floors, roofs, landing, beams and balconies (Plan area to be measured)	274.00	SQM		
24	Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete. cold twisted bars (Make- TATA/ SAIL)	29,334.00	KG		
25	Add for plaster drip course/groove in plastered surface or moulding to R.C.C. projections	20.00	M		
26	Brick work with modular extruded brunt fly ash clay sewer bricks (Conforming to IS: 4885) in cement mortar 1:4 (1 cement : 4 coarse sand) in foundation and plinth :Cement Mortar 1:4 (1 cement : 4 coarse sand)	26.00	CUM		
27	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)	84.00	CUM		
28	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.Granite stone slab colour black, Cherry/Ruby red : Area of slab upto 0.50 sqm	110.00	SQM		
29	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.Granite stone slab colour black, Cherry/Ruby red : Area of slab over 0.50 sqm	50.00	SQM		
30	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.	150.00	KG		
31	P/F MS chequered plate i/c cutting, straightening, rounding of edges, making lifting arrangement & fixing by welding to M.S angle frame etc. (AR142)	10.00	KG		
32	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. Double charge vitrified tile polished finish of size 800 x 1200 mm	298.00	SQM		
33	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make in all colours & shade in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 800x800 mm	14.00	SQM		
34	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	124.00	KG		

S.No	Description	Qty.	Unit	Rate (₹ e/x GST)	Amount (₹ e/x GST)
35	52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	24.00	SQM		
36	Cement plaster skirting (upto 30 cm height) with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement. 18 mm thick	4.00	SQM		
37	Providing and fixing glass strips in joints of terrazzo/cement concrete floors. - 40 mm wide and 4 mm thick.	44.00	M		
38	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement :2 coarse sand : 4 graded stone aggregate of 10 mm and down gauge) including finishing with cement mortar 1:3 (1 cement: 3 fine sand) as per standard design : In 75 x75 mm deep chase	90.00	M		
39	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	8.00	EACH		
40	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. 110 mm diameter metre.	80.00	M		
41	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for 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. Single tee with door 12.42.3.2 110x110x110 mm	16.00	EACH		
42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for 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. Bend 87.5° 110 mm bend	8.00	EACH		
43	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	2.00	EACH		
44	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including W.C. pan with ISI marked white solid plastic seat and lid	6.00	EACH		
45	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cistern	6.00	EACH		
46	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Flat back wash basin size 600x480 mm with single 15 mm C.P. brass pillar tap	5.00	EACH		
47	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe- 32 mm dia	5.00	EACH		
48	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. 20 mm nominal dia Pipes (Internal work - Exposed on wall)	220.00	EACH		

S.No	Description	Qty.	Unit	Rate (₹ e/x GST)	Amount (₹ e/x GST)
49	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c 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. 20 mm nominal dia Pipes (Concealed work, including cutting chases and making good the walls etc.)	160.00	EACH		
50	Providing and fixing brass bib cock of approved quality : 20 mm nominal bore	5.00	EACH		
51	Providing and fixing brass stop cock of approved quality : 20 mm nominal bore	5.00	EACH		
52	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 150 mm diameter	5.00	EACH		
53	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.	1,000.00	Ltr		
54	Providing and Laying 110 mm dia PVC pipe (Heavy duty-working pressure 6Kg/cm2) of Prakash or equivalent make as per required slope for sewer line including jointing etc. complete as per direction of Engineer-in-charge (Wt. of pipe-22 Kg approx).	200.00	M		
55	Providing and fixing UPVC (SWR) pipes Class B conforming to IS 13592 for soil, waste and vent pipes including all fittings rubber ring type (plain or access door) e.g. bends, junctions, cowl, offsets, access pieces etc., jointing with rubber ring joints(a) 80 mm dia	70.00	M		
56	Providing and fixing UPVC floor traps, self closing type having 50mm lead water seal with or without vent arm etc. complete including cost of cutting and making good the walls and floors wherever required. (110 x80 mm)	3.00	EACH		
57	P/F of CP jalli of appd design and shape: 100 mm dia. (AR522)	3.00	EACH		
58	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for 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. Bend 87.5°-110 mm bend. (12.42.5.2-AR180)	10.00	EACH		
59	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for 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. coupler- 110 mm. (12.42.1.2-AR174)	10.00	EACH		
60	Providing and Fixing bevelled edge mirror of superior quality glass (Modi /Sant Gobain) complete with 6 mm thick hard board fixed to wooden cleats with cp brass screws and washers etc complete. (17.31-AR508)	3.00	SQM		
61	Providing and fixing health faucet hindware or equivalent make as per direction of EIC.	3.00	EACH		
62	Providing and fixing C.P. brass angle valve for basin mixer and gyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore (18.53.1-AR423)	3.00	EACH		
63	Providing and fixing unplasticised PVC connection pipe with brass unions: 45 cm length, 15 mm NB, (18.21.2.1-AR390)	3.00	EACH		
64	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms: 15 mm nominal bore. (18.51.1-AR421)	3.00	EACH		
65	Point wiring in PVC conduit, with modular type switch : Wiring for light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed PVC conduit, with modular switch, modular plate, suitable G.I. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required. Group B	3.00	EACH		
66	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required 15/16 amp switch.	20.00	EACH		
67	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required 6 pin 15/16 amp socket outlet.	20.00	EACH		
68	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 5/6 amps switch	5.00	EACH		

S.No	Description	Qty.	Unit	Rate (₹ e/x GST)	Amount (₹ e/x GST)
69	"P/F URINAL PARTITIONS 3/4" THK GRANITE 600 MMX1350 MM OF APPD DESIG AND SHADE INCLUDING FIXING IN THE WALLS AS REQUIRED BY CHASING & MAKING GOOD THE WALLS WHEREVER REQUIRED ALSO PROVIDING EDGE MOULDING TO THE GRANITE PARTITION COMPLETE JOB AS PER INSTRUCTION OF EIC.	5.00	EACH		
70	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 Kg. as per standard design : 100x100mm size P type with common burnt clay F.P.S (non modular) bricks of class designation 75 (19.4.1.1-AR446)	5.00	EACH		
71	12 mm cement plaster of mix: 1:4 (1 cement : 4 coarse sand)	476.00	SQM		
72	15 mm cement plaster on rough side of single or half brick wall of mix 1:4 (1 cement : 4 coarse sand)	420.00	SQM		
73	6 mm cement plaster of mix : 1:3 (1 cement: 3 fine sand)	350.00	SQM		
74	Neat cement punning	274.00	SQM		
75	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.(Per Bag of 50 KG cement used in the mix)	40.00	Each		
76	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	664.00	SQM		
77	New work over and including water thinnable cement primer having VOC less than 50 gram/liter of approved brand and manufacture on wall surface : Water thinnable cement primer	664.00	SQM		
78	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	12.00	SQM		
79	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two or more coats on new work	664.00	SQM		
80	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade. Two or more coats on new work.	10.00	SQM		
81	Washed stone grit plaster on exterior walls of height upto 10 metre above ground level, in two layers, under layer 12mm cement plaster 1:4 (1cement: 4 coarse sand), furrowing the under layer with scratching tool, applying cement slurry on the under layer @ 2 Kg of cement per square metre, top layer 15mm cement plaster 1:1/2:2 (1 cement: 1/2 coarse sand :2 stone chipping 10mm nominal size), in panels with groove all around as per approved pattern, including scrubbing and washing the top layer with brushes and water to expose the stone chippings, complete as per specification and direction of Engineer-in-charge (Payment for providing grooves shall be made separately).	256.00	SQM		
82	Forming groove of uniform size from 12x12mm and upto 25x15mm in the top layer of washed stone grit plastered surface as per approved pattern, including providing and fixing aluminum channels of appropriate size and thickness (not less than 2 mm), nailed to the under layer with rust proof screws and nails and finishing the groove complete as per specifications and direction of the Engineer-in-Charge.	690.00	M		
83	Extra for using silver cement in place of ordinary cement in the top layer of the item of washed stone grit plaster as per direction of EIC.	256.00	SQM		
84	Extra for providing & mixing the dark shade pigment in top layer of washed stone grit plaster. (AR-55)	256.00	SQM		
85	Extra for using dholfur/jaiselmer grit stone in place of ordinary stone as per direction of engineer in-charge.	256.00	SQM		
86	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.	12.00	SQM		
87	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of engineer in charge. Nominal concrete: 1:4:8 or leaner mix (i/c equivalent design mix)	34.00	CUM		
88	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	10.00	CUM		
89	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer in-charge.	6.00	SQM		

S.No	Description	Qty.	Unit	Rate (₹ e/x GST)	Amount (₹ e/x GST)
90	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	74.00	CUM		
91	Demolishing brick work manually /by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-In-charge.: In cement mortar	10.00	CUM		
92	Supplying and stacking at site. C&D material Use at for Good earth	246.00	CUM		
93	CHARGES FOR PROVIDING CONTINUOUS STEEL BARRICADE 1.2 MTR HIGH INCLUDING COST OF ALL MATERIAL PLANT CONSUMABLES TRANSPORT AND LABOUR FOR SHIFTING PLACING PAINTING AND REGULAR MAINTENANCE.40% QTY FOR SELECTED PORTION	40.00	M		
94	Providing and laying half block masonry with factory made Precast concrete solid blocks of 100 mm thickness of grade M10 made of C&D waste from approved manufacturer in foundation and plinth in: Cement mortar 1:4(1 cement : 4 coarse sand)	110.00	SQM		
95	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.	252.00	SQM		
96	<p>Polyurethane Waterproofing by Dr.Fixit Flexi PU 270(I) : Removing & chipping off of existing losse plaster. Clean the surface from contaminants with brush. Remove any sharp protrusion on the blinding layer by chipping and local repairs.</p> <p>Surface Preparation: All surfaces which are to receive the coating must be free from oil, laitance, grease, wax, dirt or any other form of foreign matter which might affect adhesion. Cut back any protrusions. Typically concrete surfaces can be cleaned using high pressure water jet or by proper wire brushing/ grinder.All cracks, construction joints,honey combed/damaged surface to be repair with PMM and cracks to be chase out by cutting 25mm x 25mm "V" shape groove all along the crack, cleaning cracks and sealing it using Mesto Grout HS , curing etc., all complete as per the manufactureres specification and direction of engineer-in-charge.</p> <p>L Shape, Augular Fillet: Providing 50 mm X 50 mm angle fillets on the vertical up- stands, parapet wall junction corners, service units and properly dressed by preparing polymer modified mortar with Pidicrete URP or equivalent in the ratio of 1:3 by adding polymer 10% by weight of the cement, add little water, until the required consistency is achieved.</p> <p>Injection Grouting: Providing and applying injection grouting treatment by chemical injection grout process at construction joints, wall joints, honey comb areas etc. in concrete surface or the area using nozzles of min 25-50mm deep in slabs along with construction joints consisting of injection cement slurries of different viscosities under pressure by pump using injection grout waterproofing chemical (Pidicrete AM) mixed with neat cement slurry and sealing off nozzles after the injection operation.</p> <p>Screeding: Providing and laying of average 75mm thick (or suitable thickness for necessary slope) concrete screed of minimum M 20 grade concrete.</p> <p>PU Waterproofing Coating: Supplying and applying, Dr.Fixit Flexi PU 270(I) highly flexible is a liquid-applied, highly permanent elastic, cold applied and cold curing single component polyurethane cold applied coating system water proofing liquid membrane after applying Dr.Fixit Flexi PU 270(I). Over the primer coat . Polyurethane Dr.Fixit Flexi PU 270(I), shall be laid using Brush/roller in 3 layers to attain a seamless state of membrane. After applying</p>	274.00	SQM		

S.No	Description	Qty.	Unit	Rate (₹ e/x GST)	Amount (₹ e/x GST)
97	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like as required as per direction of the Engineer-in-charge, 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 fine 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).	13.50	SQM		
98	SUPPLY, INSTALLATION OF KK MAKE FACTORY MADE 70MM THICK PRECAST RCC TRENCH COVER OF VARIOUS SIZE UPTO 1500 MM IN LENGTH, 300 MM IN WIDTH WITH TMT STEEL REINFORCEMENT BAR OF 8MM DIA 4NOS ALONG LENGTH AND 6MM DIA C/C SPACING OF 150 MM & TWO NO. GI HOOKS OF FOR LIFTING, MINIMUM GRADE OF CEMENT CONCRETE M-30 GRADE, TRENCH COVER SHALL HAVE BOTH KK AND BYPL LOG	30.00	SQM		
99	Supply & Installation of 46mm thick Metal fire check door of 120 minutes' fire rating confirming to BS: 476 Part 22 and IS: 3614 Part II fabricated with 2 nos. 1.2mm thick galvanized sheet with infill of fire rated Acrylic Sealant and non-combustible core bonded to both faces of sheet with lock seam joints at stile edges and internal reinforcement at top, bottom and stile edges for Fire Rating. The door frames are manufactured from 1.6mm thick galvanized steel sheet pressed form to double rebate profile of size 143mm x 57mm duly filled with vermiculite based concrete mix. The door frames and door shutters are finished with powder coated Smoke grey finish.	10.00	SQM		
100	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid decorative type flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm ² , modulus of elasticity 850 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant. WPC to be laminated with PVC foil of minimum 14 microns thick of approved design pasted with hot melt adhesive on both faces of shutter and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately) 30 mm thick	13.91	SQM		
101	Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge: Fixing with adjustable lugs with split end tail to each jamb.	85.05	M		
102	Fastener:- Supply of Fasteners 10 X 80 mm (08 Nos for Each Door) Hilti make	40.00	EA		
103	Hinges:- Supply of SS Ball Bearing Hinges of Size 102 X 76 X 3mm Complete With Ss Screws of DORMA (Model No : 3090F) Make	20.00	EA		
104	Vision Panel:- Supply of 6 MM Thick Clear Glass - Schott- Pyran Make- (200 X 300mm)	6.00	EA		
105	Door Closer:-Supply of DORMA (Model No. TS - 78) Make Door Closer	6.00	EA		
106	SS D Handle :- Supply of 450 mm Long / 25 mm Dia / SS 304, Finish : Satin of DORMA (Model No. TGDH) Make	4.00	Pair		
107	Panic Bar S/L :-Supply of DORMA (Model No. PHCR 1000) Make Single Leaf Panic Bar Single Point, Silver Finish	6.00	EA		

S.No	Description	Qty.	Unit	Rate (₹ e/x GST)	Amount (₹ e/x GST)
108	Panic Trim:- Supply of DORMA (Model No. PHCR 2905) Make Panic Trim with Latch Handle	6.00	EA		
109	WINDOW, TYPE:GALVANIZED IRON STEEL PRE PAINTED; MATERIAL:GALVANIZED IRON STEEL PRE PAINTED;; WITH GLASS OF 5MM THICKNESS; MODEL: ECO 3000SERIES; MAKE: NCL; DIMENSION AS PER SITE CONDITION; SPECIAL FEATURES: OPENABLE;Providing and fixing Eco 3000 Series Windows fabricated from roll formed sections made of Galvanized Steel Colour Coated/Powder Coated (Base Steel as per IS 513 "D" quality, Galvanized as per IS 277 with Zinc of 120 grams/Sq. Mtr.) with total coated thickness of 0.60 mm. Coated Sections should be with Primer Coat of Epoxy Primer of 5-7 microns thick, finish painted with Polyester Paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns, or Powder Coated with pure Polyester Powder up to 50-60 microns thick.Section for frame should be 48mm x 50mm, Section for Mullion should be of 48mm x 50mm, Section for Glazed Shutter Frame should be of 47mm x 20mm, and Section for Fixed Glass Bead should be of 12mm x 12mm.Frame and Shutter Frame Sections should be cut to length and metre joined with Polypropylene Corner Brackets. Mullion Section should be joined with Frame/Mullion using Nylon Mullion Cap. Ethyl Propylene Diamine Monomer (EPDM) Gasket should be used all around glass in shutter.Each Glazed Shutter should be provided with S.S. Pivot Hinges-1set, Seccolor Handle & Seccolor Stay.Window Frame should be fixed to brick/concrete masonry by using Nylon self expanding caps and driving MS electroplated 80mm long screws into the caps through frames. (after fixing the windows, gap shall be filledup by sellicon sealant).Glass shutter & Fixed Glass portions should be provided with a glass of 5MM Plain Float Glass.Windows should be provided with Grill made of 10mm sq. MS Bars welded to at 150mm center-to-center, 6mm x 12mm MS flat. Total grill unit should be powder coated and fixed to window frame with screws.	10.00	SQM		
110	WINDOW, TYPE:GALVANIZED IRON STEEL PRE PAINTED; MATERIAL:GALVANIZED IRON STEEL PRE PAINTED;; WITH GLASS OF 5MM THICKNESS; MODEL: ECO 3000SERIES; MAKE: NCL; DIMENSION AS PER SITE CONDITION; SPECIAL FEATURES: FIXED;Providing and fixing Eco 3000 Series Windows fabricated from roll formed sections made of Galvanized Steel Colour Coated/Powder Coated (Base Steel as per IS 513 "D" quality, Galvanized as per IS 277 with Zinc of 120 grams/Sq. Mtr.) with total coated thickness of 0.60 mm. Coated Sections should be with Primer Coat of Epoxy Primer of 5-7 microns thick, finish painted with Polyester Paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns, or Powder Coated with pure Polyester Powder up to 50-60 microns thick.Section for frame should be 48mm x 50mm, Section for Mullion should be of 48mm x 50mm, Section for Glazed Shutter Frame should be of 47mm x 20mm, and Section for Fixed Glass Bead should be of 12mm x 12mm.Frame and Shutter Frame Sections should be cut to length and metre joined with Polypropylene Corner Brackets. Mullion Section should be joined with Frame/Mullion using Nylon Mullion Cap. Ethyl Propylene Diamine Monomer (EPDM) Gasket should be used all around glass in shutter.Each Glazed Shutter should be provided with S.S. Pivot Hinges-1set, Seccolor Handle & Seccolor Stay.Window Frame should be fixed to brick/concrete masonry by using Nylon self expanding caps and driving MS electroplated 80mm long screws into the caps through frames. (after fixing the windows, gap shall be filledup by sellicon sealant).Glass shutter & Fixed Glass portions should be provided with a glass of 5MM Plain Float Glass.Windows should be provided with Grill made of 10mm sq. MS Bars welded to at 150mm center-to-center, 6mm x 12mm MS flat. Total grill unit should be powder coated and fixed to window frame with screws.	6.00	SQM		

S.No	Description	Qty.	Unit	Rate (₹ e/x GST)	Amount (₹ e/x GST)
111	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :Fully Perforated Gypsum Plaster Board of size 1200 x 2400 x 12.5 mm having approx. 15 % perforated area with perforation size and pattern as approved by the Engineer-in-charge and as per manufacturer's specification, with all 4 sides tapered and backed by acoustical tissue with NRC value not less than 0.60. board	70.00	SQM		
112	S/F PVC conduit : Supplying and fixing of following sizes of PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. 25mm	150.00	M		
113	Circuit / sub-main wiring in PVC conduit : Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required-2 X 4 sq. mm + 1 X 4 sq. mm earth wire.	200.00	M		

S.No	Description	Qty.	Unit	Rate (₹ e/x GST)	Amount (₹ e/x GST)
114	Circuit/sub-main wiring in PVC conduit : Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required-2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	200.00	M		
115	Circuit / sub-main wiring in PVC conduit : Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required-2 X 6 sq. mm + 1 X 6 sq. mm earth wire.	100.00	M		
116	Point wiring in PVC conduit, with modular type switch : Wiring for light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed PVC conduit, with modular switch, modular plate, suitable G.I. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required. Group C	56.00	EA		
117	P/F/T/C 6/16A 5 pin modular socket controlled by 16 A switch.(complete set modular).	15.00	EA		
118	Providing, Fixing, Testing & Commissioning Of 3nos 6A 5pin socket & 1no 6A switch in 5 module plate.	18.00	EA		
119	S / F light plug point modular type accessories : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection. painting etc. as required. (For light plugs to be used in non residential buildings). (AR593)	12.00	EA		
120	S / F power plug point modular type accessories : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and .fixing 6 pin 15 / 16 & 5 / 6 amps modular socket outlet and 15 / 16 amps modular switch, connection, painting etc. as required.	14.00	EA		
121	Providing and fixing circular/hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140 mm, 73 mm height, top lid 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S sheet box by mean of 3.3 mm dia round headed screw, one lock at the corners. Clamp shall be made of 12 mm dia m.s bar bent to shape as per standard drawing.(10.18-AR134)	10.00	EA		
122	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63 Amps.	2.00	EA		
123	S/F 'C' series. SP MCB : Supplying and fixing 5 amps to 32 amps rating, 240 volts. 'C' series, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. : Single pole.	16.00	EA		
124	S / F SP MCB DB consumer unit : Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board consumer unit, 240 volts. on surface/ recess, complete with tinned copper busbar, neutral busbar, earth bar, din bar, hinged front acrylic cover for the MCB knobs, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required. (But without MCB / RCCB / Isolator) : 2 + 8 way single door.	2.00	EA		
125	Providing and fixing of LED Tubelight of 20Watt as per direction of EIC	15.00	EA		
126	Providing and fixing Industrial type Axial Exhaust fan of propeller type / axial type shall be provided for rooms with suitable drive motor, DOL starter, rain protection cowl with screen, grouting bolts etc. Fan for battery room shall be bifurcated type spark proof construction as per direction of Engineer incharge sweep of 600mm .(Make-Crompton).	5.00	EA		

S.No	Description	Qty.	Unit	Rate (₹ e/x GST)	Amount (₹ e/x GST)
127	Demolition and disposal from site as per MCD norms of existing building (boundary wall if applicable)RCC work ,Brick work ,Steel work ,Door & windows ,Flooring ,False ceiling ,Grade slab , plinth protection electrical fitting ,Plumbing, foundation , boundary wall if applicable or any other items not mentioned above	250.00	Sqm		
128	LUM,LED,CEILING;36W;140-270V;600X600MM P/F/T/C LUMINAIRE,LED,TYPE:CEILING;POWER:36 W;VOLTAGE:140-270 V;LAMP SIZE:600X600 MM;MOUNTING:RECESSED;INGRESS PROTECTION:IP 20; MAKE:CROMPTON;MODEL:LCTLRN 36 FO CDL;ADDITIONAL INFORMATION:LED 36 W EFFICIENCY 85 PERCENT SURGE PROTECTION UP TO 2.5 KV: SYSKA / HAVELLS OR EQUIVALENT	35.00	NOS		
129	Providing and fixing down lighter of 10-20 watt of phillips and equivalent make.	50.00	NOS		
Total Cost ₹ e/x GST					
NOTE:					
1)	The price quoted above shall remain firm for the entire duration of the contract including the extension period, if any.				
2)	Reverse Auction (RA) is mandatory. RA methodology shall be informed separately to all the qualified bidders prior to RA.				
3)	The bids will be evaluated commercially based on the total all-inclusive price quoted by the bidders. However, BYPL reserves the right to split the work and award the contracts to more than one bidder.				
4)	The bidder shall quote the prices strictly in the above format/item description/content. The bid shall be liable for rejection if the contractor fails to do so.				
5)	The bidder needs to quote for all the line items as mentioned above; failing which the bids are liable for rejection.				
6)	The unit price to be indicated should be exclusive of GST which are to be indicated in separated rows meant for the purpose.				
7)	All materials are to be arranged by the contractor and test certificates are to be furnished by the contractor, wherever applicable.				