

Special Repairs to Civil & Electrical works to PN Palayam, Sub Regional Office ESIC Coimbatore

Financial Bid

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
1	2.8.1	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.- All Kinds of soil	24	Cum		
2	2.25	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.	18.1	Cum		
3	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete	6.9	Cum		
4	2.28.1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.- All kinds of soil	30	Sqm		
5	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:- 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	0.68	Cum		
6	4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	9.15	Cum		
7	5.9.1	Centering and shuttering including strutting, propping etc. and removal of form for all heights :- Foundations, footings, bases of columns, etc. for mass concrete	6.36	Sqm		
8	5.9.3	Suspended floors, roofs, landings, balconies and access platform	24.7	Sqm		
9	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	16.1	Sqm		
10	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	67.2	Sqm		
11	5.9.7	Stairs, (excluding landings) except spiral-staircases	19.2	Sqm		

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12	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level- Thermo-Mechanically Treated bars	2216.368	Kgs		
13	5.23	Smooth finishing of the exposed surface of R.C.C. work with 6 mm thick cement mortar 1:3 (1 Cement : 3 fine sand).	16.1	Sqm		
14	5.33.1	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design ix ,including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishingandreinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. "(Note :- Cement content considered in this item is @ 330 kg/cum. "Excess/ less cement used as per design mix is yable /recoverable separately).- All works upto plinth level	2.08	Cum		
15	5.33.2	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design ix ,including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishingandreinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. "(Note :- Cement content considered in this item is @ 330 kg/cum. "Excess/ less cement used as per design mix is yable /recoverable separately).- All works above plinth level upto floor V level	19.83	Cum		
16	6.4.2	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 1:6 (1 cement : 6 coarse sand)	34.17	Cum		

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
17	6.13.2	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. - Cement mortar 1:4 (1 cement :4 coarse sand)	16.32	Sqm		
18	8.2.2.2	Granite of any colour and shade - Area of slab over 0.50 sqm	86.45	Sqm		
19	9.117.2	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1 mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge - Extruded section profile size 42x50 mm	64.35	RM		
20	9.120.1	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture . M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet	20.48	Sqm		

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
21	9.147D.1	Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes,	6.3	Sqm		
22	9.148.1	Providing and fixing stainless steel (SS-304 grade) friction hinges to the side/ top hung uPVC windows, of approved quality, with necessary stainless steel screws etc. as per direction of Engineer-in-charge.- 200 x 19 x 1.9 mm	8	Each		
23	9.149	Providing and fixing casement handle made of zinc alloyed (white powder coated) for uPVC casement window with necessary screws etc. complete.	8	Each		

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
24	9.161	Providing and fixing fire resistant door frame of section 50 x 60 mm on horizontal side & 35 x 60 mm on vertical sides having built in rebate made out of 1.6 mm thick GI sheet (Zinc coating not less than 120 gm/m ²) suitable for mounting 120 min Fire Rated Glazed Door Shutters. The frame shall be filled with Mineral wool Insulation having density min 96Kg/m ³ . The frame will have a provision of G.I. Anchor fastners 14 nos (5 each on vertical style & 4 on horizontal style of size M10 x 80) suitable for fixing in the opening along with Factory made Template for SS Ball Bearing Hinges of Size 100x89x3mm for fixing of fire rated glazed shutter. The frame shall be finished with a approved fire resistant primer or Powder coating of not less than 30 micron in desired shade as per the directions of Engineer - in- charge . (Cost of SS ball bearing hinges isexcluded).	3.78	Mtr		
25	9.162	Providing and fixing 60 mm thick glazed fire resistant door shutters of 120 min Fire Rating confirming to IS:3614 (Part II) or EN1634- 1:1999, tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, top rail & side rail 60 mm x 60 mm wide and bottom rail of 110 mm x 60 mm made out of 1.6mm thick G.I. sheet (zinc coating not less than 20gm/m ²) duly filled mineral wool insulation having density min 96 kg/m ³ and fixing with necessary stainless steel ball bearing hinges of size 100 x 89x3mm of approved make, including applying a coat of approved fire resistant primer or powder coating not less than 30 micron etc all complete as per direction of Engineer-in-charge (panelling to be paid for seperately).	3.78	Sqm		
26	9.165.1	Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete.- 125 mm	4	Each		
27	10.25.2	Steel work welded in built up sections / framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.- In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	472.5	Kgs		

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
28	11.1.1	Brick on edge flooring with bricks of class designation 7.5 on a bed of 12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks:- 1:4 (1 cement : 4 coarse sand)	16.8	Cum		
29	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charg	298.62	Sqm		
30	11.37	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cemen	192	Sqm		
31	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete.- Size of Tile 600x600 mm	1700.47	Sqm		
32	12.20	Providing and laying pressed clay tiles (as per approved pattern 20 mm nominal thickness of approved size) on roofs jointed with cement mortar 1:4 (1 cement : 4 coarse sand) mixed with 2% integral water proofing compound, laid over a bed of 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) and finished neat complete.	1011.66	Sqm		
33	12.41.1	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.- 75 mm diameter	55.2	Mtr		

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34	12.41.2	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	76.4	Mtr		
35	12.42.1.2	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 dia	8	Each		
36	12.42.3.2	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 - 110x110x110 mm	8	Each		
37	12.42.5.2	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	16	Each		
38	12.42.6.2	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.- Shoe (Plain) 110 mm Shoe	25	Each		
39	12.43.2	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.- 110 mm	120	Each		

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
40	12.45.4	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 37 mm, at 1200 mm centre to centre, 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 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 25 mm 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	12.5	Sqm		
41	13.11	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 finished with a top layer 6mm thick cement plaster 1:6.	92.5	100 Sqm		
42	13.4.1	12 mm cement plaster- 1:4 (1 cement : 4 coarse sand)	92.5	Sqm		
43	13.5.1	15 mm cement plaster on rough side of single or half brick wall of mix:- 1:4 (1 cement : 4 coarse sand)	176.91	Sqm		
44	13.16.1	6 mm cement plaster of mix :- 1:3 (1 cement : 3 fine sand)	166.1	Sqm		
45	13.26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	3623.37	Sqm		
46	13.37.1	White washing with lime to give an even shade- New work (three or more coats)	346.17	Sqm		
47	13.82.2	Wall painting with acrylic emulsion paint, 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.- Two coats	3623.37	Sqm		

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
48	13.84.2	Painting with synthetic enamel paint, having VOC (Volatile Organic Compound) content less than 150 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.- Two coats	776.8	Sqm		
49	14.1.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge- With cement mortar 1:4 (1 cement : 4 fine sand)	324.28	Sqm		
50	14.43	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	5101.5	Sqm		
51	14.45.1	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade:- Old work (one or more coats)	1478.13	Sqm		
52	14.72	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineerin- charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding	100	Sqm		
53	14.82	Dismantling WC Pan of all size including disposal of dismantled materials i/c malba all complete as per directions of Engineer incharge	15	Each		

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54	15.1	Demolishing lime concrete manually/ by mechanical means and disposal of material within 50 metres lead as per direction of Engineerin- charge.	101.83	Cum		
55	15.3	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.	2.66	Cum		
56	15.7.4	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	2.2	Cum		
57	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 :- Of area beyond 3 sq. metres	22	Sqm		
58	15.13.1	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead: - Of area 3 sq. metres and below	54	Sqm		
59	15.23.1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.- For thickness of tiles 10 mm to 25 mm	213.9	Sqm		
60	15.23.2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.- For thickness of tiles above 25 mm and up to 40 mm	2718.93	Sqm		
61	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.	209.7	Sqm		
62	15.60	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	128.5	Cum		

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63	16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	489.54	Sqm		
64	16.74.1	75 mm thick back filling for pitching including supplying of required materials and consolidation etc. complete with :- Moorum	489.54	Sqm		
65	17.1.1	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, 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	8	Each		
66	17.2.1	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 cutting and making good the walls and floors wherever required - W.C. pan with ISI marked white solid plastic seat and lid	14	Each		
67	17.24	Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe.	8	Each		
68	17.7.1	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 Wash basin size 630x450 mm with a pair of 15 mm C. P. brass pillar taps	12	Each		

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69	17.10.2.1	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:- Kitchen sink without drain board - 610x510 mm bowl depth 200 mm (without drain board)	10	Each		
70	17.28.2.1	Providing and fixing P.V.C. waste pipe for sink or wash basin including PVC. waste fittings complete. - Flexible pipe - Flexible pipe - 32 mm dia	10	Each		
71	17.31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	10	Each		
72	17.34.1	Providing and fixing toilet paper holder- C.P. brass	18	Each		
73	17.70.2	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	8	Each		
74	17.72	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms	18	Each		
75	18.7.3	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.- 25 mm nominal outer dia pipes	96	Mtr		

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76	18.7.5	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.- 40 mm nominal outer dia Pipes	30	Mtr		
77	18.8.2	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 outer dia pipes	240	Mtr		
78	18.16.1	Providing and fixing brass stop cock of approved quality- 15 mm nominal bore	18	Each		
79	19.7.3.2	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design- Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (heavy duty) 560 mm internal diameter, total weight of cover and frame to be not less than 208 kg (weight of cover 108 kg and weight of frame 100 kg) :- With Sewer bricks conforming to IS : 4885	4	Each		

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
80	21.1.1.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners - For fixed portion - Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	166.725	Kgs		
81	21.1.2.1	For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).- Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	172.575	Kgs		
82	21.2.1	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer-in-Charge.- Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	11.7	Sqm		
83	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-Charge. (Cost of aluminium snap beading shall be paid in basic item):- With float glass panes of 5.50 mm thickness	19.65	Sqm		
84	1366	CI Grating 150x150mm	20	Each		
85	1927	Supply of brass way valve with C.I. wheel of approved quality (screwed end) 25mm dia:	4	Each		
86	1929	Supply of brass way valve with C.I. wheel of approved quality (screwed end) 40 mm dia:	5	Each		
87	7259	Supply of CP Brass long body bib cock 15mm dia	18	Each		
88	7261	Supply of C.P. Brass angle valve 15 mm	13	Each		

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
89	SSR 143-1	Supply and Fixing of C.I Nahani / Floor trap with Stainless Steel grating 100 x 75 mm	21	Each		
90	MR	Providing and fixing of CP Health Faucet Make: Hindware, Cera, Jaguar etc	20	Each		
91	MR	Providing and laying Brick jelly lime concrete in ratio of 1:2 (1 part slaked lime powder and 2 parts 25 mm and down grade brick jelly) to the required slope upto floor five level.	101.83	Cum		
92	MR 1	Roof Slab water proof treatment - Providing water proofing treatment for roof slab with Polymeric Meberane coating like (BRUSH BOB RFX or equalant) surface shall be cleaned and free from dirt or any other form of foreign matter. Acid wash and water wash the surface and allow the surface to dry. mix the Part A and part B of the polymer modified cementionues coating mechanically using an electrical operated mix paddle. apply the same in two coats over the prepared surface one after the other dry up with minium interval of 4 hours between the coats. Providing pressure grouting in all the vertical and Horizontal joint including the suspected areas	1228.16	Sqm		
93	MR 2	Protective Plaster for Ploymeric membrenace coat - Providing Cement sand mortar 1: 4 and apply the same to an average thickness of 12 mm cement finished with a cloating coat of neat cement of mix with water proofing compound of complast X421 IC or equalant approved quality in proportion recommended by the manufacturrers	1228.16	Sqm		
94	1.8.2	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 medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.- Group B	15	Point		

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
95	1.10.2	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 medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.- Group B	10	Point		
96	1.12	Wiring for light/ power plug with 2X4 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	49	Mtr		
97	1.13	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 2 Nos 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	25	Mtr		
98	1.14.2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required- 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	90	Mtr		
99	1.24.1	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	7	Each		
100	1.24.4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.- 3 pin 5/6 amp socket outlet	1	Each		
101	1.27.5	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.- 8 Module (125mmX125mm)	1	Each		
102	5.2	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	2	Each		

S. No	DSR No.	Description of Item	Qty	Units	Unit Rate in figures	Total
103	2904	8 SWG copper wire (4.0 mm dia)	4	Kgs		
104	1706	6 amps. to 32 amps. ratings , SP MCB, "C" curve, 10 KA breaking capacity	24	Each		
105	1712	40 amps., 2 pole isolator	6	Each		
106	1716	100 amps., 4 pole isolator	3	Each		
107	1755	6 way (4+18), TPN, MCB DB, double door, horizontal type	2	Each		
108	SD 101	Supply and fixing of 65 mm (2 1/2") GI pipe (Class 'B') of 6 mt. Length with 300mm x 300mm x 6mm MS base plate, duly welded at the bottom with concreting with construction of Masonary pedestal with suitable MS box to house 5A control switch 16 A fuse unit (500V) etc. with suitable angle iron frame work, with door and with lock and key arrangements and with supply and fixing of 4'40 W twin street light flu. fitting with copper chokes and condenser with flu. tubes with 1 metre of 32mm dia GI pipe (Class 'B') complete, with necessary clamps, on the above post with PVC unsheathed leads with painting of suitable colour.	10	Each		
109	SD 110	Supply and fixing of 1200 mm (48") AC ceiling fan complete with stepped electronic 300W regulator with 300mm down rod on the existing clamp.	10	Each		
110	SD 114	AC Exhaust fan 300mm (12") sweep light duty	8	Each		
111	SD-206	Supply and laying of 3.5x50 Sqmm PVC armoured LT UG Cable in a trench to be excavated at a depth of 0.75 mtr putting 0.15 mtr layer of sand and covering the cable completely with bricks and sand and refiling the earth to make good	90	Mtr		
112	MR/18	Supplying and fixing of crescent recess mounted mirror optic luminaire with paralite P5 louvers WVP24236 (2x36 W CFL JCL)	5	Each		

TOTAL