

**SCHEDULE OF ESTIMATE**

**Name of work:- Annual Repair and Maintenance (ARM) of Civil works of ESI Medical College, Hospital and Staff Quarters located at Sanathnagar, Hyderabad during 2026-27**

Labour Component							
Sl.No.	No. of manpower	Description Of Items	Qty	Unit	Rate As per Minimum wages (monthly)	Category	Amount
1	2	Providing service of supervisor which includes, Engaging of Supervisor for supervising of day to day maintenance of Civil and plumbing, monitoring of complaints, assigning of complaint, maintaining of register and any other skilled manpower as required for maintenance etc. as directed by Engineer-in- charge ( person should be Highly skilled). (2 Nos.) (Qualification:B.Tech/Diploma in Civil Engineering with 10 Years Experience (Supervisory) in maintenance Job.	24	Month	40739.3	Highly Skilled	977742.4592
2	12	Engaging of Plumber for day to day maintenance/providing Services for plumbing to internal and external water supply and sanitary lines by replacing the worn out pipe, sanitary and water supply fittings/fixture like bibcock, stop cock, pillar cock,washbasin, PVC connection, waste coupling, valve, ball cock, at all height etc. Complete as per Engineer-in- charge (12Nos) (Qualification: Nil) (Skilled) with 3 Years Experience in (Plumbing)in maintenance Job	144	Month	42592.4	Skilled	6133301.684
3	3	Providing service of Sewer man for attending complaints like clearing of blockages/chockeges in existing sewer lines, Gully trap,floor traps, manhole, sanitary lines by removing and refixing the CI/SCI doors in Y-junction/TJunction rain water pipes, storm water drain etc at all height complete as directed by Engineer-in-charge . (2 Nos.) (Qualification:Nil) (Semi skilled)	24	Month	37008.2	Unskilled	888197.3077
4	3	Providing the services of Carpenter for Carpentry services like doors/window/Ventilators/cup boards/ removing and refixing of hardware fixture/fittings, Mortice locks, door handles, tower bolts etc., as directed by the Engineer-in-charge (3 Nos.) (Qualification: Nil) (Skilled) with 3 Years experience in Carpenter Job	36	Month	42592.4	Skilled	1533325.421
5	1	Providing the services of Mason for masonry services like carrying out all concrete, brick, PCC , RCC, Plastering services etc., as directed by the Engineer-in-charge (1 Nos.) (Qualification: Nil) (Skilled) with 5 Years experience in Manson Job	12	Month	42592.4	Skilled	511108.4737
6	15	Outsourcing of unskilled Labour / Helper/Balder for helping the Highly Skilled / Skilled manpower in day to day attending the complaint for plumber/Carpenter and sewer man and for also attending unskilled services etc., as directed by the Engineer-in-charge (15Nos.) (Qualification: Nil) (Unskilled)	180	Month	37008.2	Un Skilled	6661479.808

**Total Amount of Labour Component**

**16705155.15**

**DSR Items**

Sl.No.	DSR Item No.	Description Of Items	Qty	Unit	DSR 2023 Rate	DSR 2023 Rate after applying GST Correction factor @ 0.973 and CI @ 1.03	Amount
	<b>2</b>	<b>EARTH WORK</b>					
	2.1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth up to 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge:					
7	2.1.1	All kinds of soil	1000	Sqm	129.85	130.13	130134.00
	2.6	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.					
8	2.6.1	All kinds of soil	100	cum	177.5	177.89	17789.00
	2.8	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, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.					
9	2.8.1	All kinds of soil.	200	cum	260.3	260.87	52174.00
	2.10	Excavating trenches by mechanical / manual means of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :					
	2.10.1	All kinds of soil					
10	2.10.1.2	Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia.	300	metre	352.15	352.92	105876.00
11	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 and for all lift.	200	cum	196	196.43	39286.00
	2.28	Surface dressing of the ground including removing vegetation and in equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.					
12	2.28.1	All kinds of soil	1000	sqm	34.15	34.22	34225.00
13	2.31	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	500	sqm	17.6	17.64	8819.00
14	2.32	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared	500	sqm	8.95	8.97	4485.00
	<b>4</b>	<b>CONCRETE WORK</b>					
	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:					

Sl.No.	No. of manpower	Description Of Items	Qty	Unit	Rate As per Minimum wages (monthly)	Category	Amount
15	4.1.3	1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size).	20	cum	7878.5	7895.75	157915.00
	4.2	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:					
16	4.2.3	1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	25	cum	9895.2	9916.87	247922.00
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :					
17	4.3.1	Foundations, footings, bases for columns	20	sqm	392.15	393.01	7860.00
18	4.3.2	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	30	sqm	842.5	844.35	25330.00
19	4.3.3	Columns, piers, abutments, pillars, posts and struts	20	sqm	961.3	963.41	19268.00
	<b>5</b>	<b>REINFORCED CEMENT CONCRETE</b>					
	5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level					
20	5.1.3	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	15	cum	8583.4	8602.20	129033.00
	5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :					
21	5.2.2	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	20	cum	10852.95	10876.72	217534.00
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for					
22	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	50	sqm	392.15	393.01	19650.00
23	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	100	sqm	961.3	963.41	96341.00
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level.					
24	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	2747.5	kg	107.85	108.09	296967.00
	<b>6</b>	<b>BRICK WORK</b>					
	6.2	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:					
25	6.2.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	20	cum	6504.9	6519.15	130383.00
	6.4	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 :					
26	6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	20	cum	9344.35	9364.81	187296.00
27	6.5	Extra for brick work / AAC block masonry / Tile brick masonry in superstructure above floor V level, for each four floors or part thereof by mechanical means.	20	cum	169.45	169.82	3396.00
	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.					
28	6.13.1	Cement mortar 1:3 (1 cement :3 coarse sand)	25	sqm	1150.5	1153.02	28825.00
29	6.14	Extra for half brick masonry in superstructure, above floor V level for every four floors or part thereof by mechanical means.	100	sqm	15	15.03	1503.00
	<b>8</b>	<b>MARBLE &amp; GRANITE WORK</b>					
	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.					
30	11.56.1	Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	10	sqm	4481.30	4491.11	44911.00
	8.2	Fixing 18mm thick mirror polished, machine cut granite stone for kitchen platforms, similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing etc. complete at all levels. (Area of slab above 0.50 sqm area)					
	8.2.2	Granite stone slab colour black, Cherry/Ruby red					
31	8.2.2.2	Area of slab over 0.50 sqm sqm	20	sqm	5136.30	5147.55	102951.00
	8.3	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.					
32	8.3.2	Granite work	50	metre	510.95	512.07	25603.00
33	8.31	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-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	100	sqm	1267.95	1270.73	127073.00
	8.28	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					
34	8.28.1	Decorative veneer facings of approved manufacture	50	sqm	1946.25	1950.51	97526.00
	8.32	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc. including:					

Sl.No.	No. of manpower	Description Of Items	Qty	Unit	Rate As per Minimum wages (monthly)	Category	Amount
		(a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design.					
		(b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4 mm thick aluminium composite panel material consisting of 3 mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5 mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc					
35		(c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium items. The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.	100	sqm	5015.05	5026.03	502603.00
	<b>9</b>	<b>Wood and PVC work</b>					
	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames including circular work fixed in position					
36	9.1.1	Second class teak wood	0.3	cum	142949.7	143262.76	42979.00
37	9.1.2	Sal wood	0.3	cum	116520.3	116775.48	35033.00
	9.5	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note: Butt hinges and necessary screws shall be paid separately)					
	9.5.1	Second class teak wood					
38	9.5.1.1	35 mm thick shutters	20	sqm	4111.95	4120.96	82419.00
39	9.5.1.2	30 mm thick shutters	30	sqm	3747.3	3755.51	112665.00
	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 necessary screws					
40	9.21.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	100	sqm	2392.65	2397.89	239789.00
	<b>10</b>	<b>STEEL WORK</b>					
41	10.1	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete	100	kg	117.35	117.61	11761.00
42	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	2000	kg	133.70	133.99	267986.00
43	10.3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	20	sqm	11439.60	11464.65	229293.00
44	10.17	Providing and fixing M.S. fan clamp type I or II of 16 mm dia M.S. bar, bent to shape with hooked ends in R.C.C. slabs or beams during laying, including painting the exposed portion of loop, all as per standard design complete	10	each	226.00	226.49	2265.00
45	10.18	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 of 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 means of 3.3 mm dia round headed screws, one lock at the corners. Clamp shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.	10	each	220.65	221.13	2211.00
	10.25	Steel work welded in built up sections/framed work including cutting hoisting, fixing in position, grinding, sanding and applying 2 priming coats of approved steel primer using steel sections, built up, hollow and solid elements as specified in drawings etc. as required .					
46	10.25.2	In gratings, frames, guard bar, ladder, railings, brackets, gates, and similar works.	2000	kg	172.60	172.98	345956.00
	10.26	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.					
47	10.26.3	G.I. pipes	200	kg	203.05	203.49	40699.00

Sl.No.	No. of manpower	Description Of Items	Qty	Unit	Rate As per Minimum wages (monthly)	Category	Amount
48	10.28	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.).	1000	kg	772.4	774.09	774092.00
	<b>11</b>	<b>FLOORING</b>					
49	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 cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete.	100	sqm	1096.55	1098.95	109895.00
	11.26	Providing & Fixing of 25 mm thick Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab with 1:4 (1 cement :4 coarse sand ) as per design pattern including rubbing , mirror polishing complete . (one full piece of kota stone shall be used in steps unless otherwise indicated in drawings)					
50	11.26.1	25 mm thick	20	sqm	1948.25	1952.52	39050.00
	11.41	Providing and laying vitrified floor tiles in different sizes (thickness to bespecified 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.					
51	11.41.2	Size of Tile 600x600 mm	100	sqm	1553.45	1556.85	155685.00
	11.48	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge					
52	11.48.2	Size of Tile 600x600 mm	500	sqm	309.05	309.73	154863.00
	<b>12.00</b>	<b>Roofing</b>					
53	12.50	providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	200	sqm	738.65	740.27	148054.00
	12.52	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all					
54	12.52.2	T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient ) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation and backed with a black Glass fiber acoustical fleece.	100	sqm	2068.75	2073.28	207328.00
55	12.53	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main "T" runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main "T" at 600 mm centre to centre to form agrid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to from grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calcium silicate ceiling tiles of approved texture in the grid, including, cutting/	50	Sqm	2158.15	2162.88	108144.00

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		making opening for services like diffusers, grills, light fittings, fixtures, smoke detector etc., wherever required. Main "T" runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main "T". Bottom exposed with 24 mm of all T-sections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge. Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm. The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/mK.					
	<b>13</b>	<b>Finishing</b>					
56	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.	1200	sqm	156.05	156.39	187670.00
	13.81	Distemping with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade :					
57	13.81.1	Old work (one or more coats)	600	sqm	62.70	62.84	37702.00
	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					
58	13.83.1	One coat	6000	sqm	95.45	95.66	573954.00
59	13.83.2	Two coats	1500	sqm	142.8	143.11	214669.00
60	13.91	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	400	sqm	25.15	25.21	10082.00
	13.96	Painting (one or more coats) on rain water, soil waste and vent pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour on old work					
61	13.96.1	75 mm diameter pipes	600	metre	28.2	28.26	16957.00
62	13.96.2	100 mm diameter pipes	3000	metre	36.25	36.33	108988.00
63	13.96.3	150 mm diameter pipes	600	metre	52.25	52.36	31419.00
	13.99	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:					
64	13.99.1	One or more coats on old work	3000	sqm	102.8	103.03	309075.00
	13.111	Finishing walls with Acrylic Smooth exterior paint of required shade:					
65	13.111.2	Old work (One or more coat applied @ 0.90 ltr/10 sqm)	4000	sqm	80.65	80.83	323306.00
	<b>14</b>	<b>REPAIRS TO BUILDINGS</b>					
	14.1	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 within 50 metres lead:					
66	14.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	150	sqm	547.40	548.60	82290.00
67	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 chollies, 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 Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding. Note: - This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done.	1500	sqm	338.25	338.99	508486.00
68	14.75A	Cleaning of terrace/loft water storage tank (inside surface area) upto 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with freshwater disinfecting with bleaching powder @ 0.5gm per litre capacity of tank including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba all complete as per direction of Engineer-in-Charge. (The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre) (if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account)	550000	litre	0.50	0.50	275602.00
69	14.78	Cleaning of under ground sump, Over Head R.C.C. Tank ( independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge. The cleaning shall consist following operations:-(i) Tank shall be emptied of water by pumping & bottom shall be cleaned of silt and other deposits.(ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water.(iii) Chlorination of RCC internal surface by liquid chlorine.(iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface.(v) Finally the surface shall be treated with ultraviolet radiation etc.as per direction of Engineer-in-Charge.	14000	sqm	84.85	85.04	1190502.00
70	14.79	Disconnecting damaged overhead/terrace PVC water storage tank of any size from water supply line and removing from the terrace including shifting at ground level as per direction of Engineer-in-charge.	12	each	433.75	434.70	5216.00

Sl.No.	No. of manpower	Description Of Items	Qty	Unit	Rate As per Minimum wages (monthly)	Category	Amount
71	14.77	Cleaning of choked sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning and partial desilting of manholes and dechocking of sewer lines. Dechocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150mm dia upto 300mm dia for all depth.	2000	metre	340.75	341.50	682992.00
	14.80	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material including malba, all complete as per the direction of Engineer-in charge.					
72	14.80.2	Orissa pattern W.C Pan of size 580x440 mm	65	each	4478.75	4488.56	291756.00
73	14.81	Cutting holes of required size in brick masonry wall for fixing of exhaust fan including providing and fixing 300 mm dia PVC pipe conforming BIS-12818 and making good the same etc. complete as per direction of Engineer-in charge	15	each	288.1	288.73	4331.00
	<b>15</b>	<b>DISMANTLING AND DEMOLISHING</b>					
	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.					
74	15.2.2	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	50	cum	1503.60	1506.89	75345.00
	15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.					
75	15.23.1	For thickness of tiles 10 mm to 25 mm	100	sqm	73.40	73.56	7356.00
	15.45	Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes & lead at site within 50 metre lead as per direction of Engineer-in-charge:					
76	15.45.1	Up to 150 mm diameter	20	metre	332.4	333.13	6663.00
77	15.51	Dismantling of road gully chamber of various sizes including C.I. grating with frame including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead including refilling the excavated gap.	20	each	958.75	960.85	19217.00
78	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.	500	sqm	54.65	54.77	27385.00
79	15.58	Demolishing R.C.C. work by mechanical means and stockpiling at designated locations and disposal of dismantled materials up to a lead of 1 kilometre, stacking serviceable and unserviceable material separately including cutting reinforcement bars.	10	cum	2818.9	2825.07	28251.00
80	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, for all leads including all lifts involved.	200	cum	263.95	264.53	52906.00
	<b>16</b>	<b>Road work</b>					
81	16.50	Providing and fixing Glow studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acrylonitrile ) or HIP (High impact polystyrene) or ABS having electronically welded micro- prismatic lens with abrasion resistant coating as approved by Engineer in charge. The glow stud shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro- reflective surface shall be 35 (+/- 5) degrees to base .The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS: 873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-in-charge	100	each	206.3	206.75	20675.00
82	16.69	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5 mm), including making drainage opening wherever required complete etc. as per direction of Engineer in-charge (length of finished kerb edging shall be measured to calculate volume for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge)	2	cum	10117.6	10139.76	20280.00
	16.70	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in charge					
83	16.70.2	Made of G.I. wire of dia. 4 mm, PVC coated to achieve outer dia not less than 5 mm in required colour and shade	500	sqm	1067.1	1069.44	534718.00
	16.91	Providing and laying factory made chamfered edge Cement Concrete paver blocks In foot path, park & lawns driveway 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 course 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, all complete as per manufacturer's specifications & direction of Engineerin-Charge.					
84	16.91.2	80mm thick Cement concrete paver block of M-30 grade with approved colour, design & pattern.	50	sqm	1091.50	1093.89	54695.00

Sl.No.	No. of manpower	Description Of Items	Qty	Unit	Rate As per Minimum wages (monthly)	Category	Amount
85	16.93	Providing and placing in position 100 mm thick factory made machine batched & machine mixed Precast RCC Rectangular Covers on drains of footpath of various sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @ maximum 100 mm c/c on both ways, neat cement punning on finished surface, properly encased on all edges with 1.6 mm thick, 100 mm wide MS sheet duly painted over priming coat, reinforcement to be welded at edges with MS sheet and providing 2 Nos. 12 mm dia bar for hooks etc including cost of cartage, all leads & lift, handling at site etc. all complete as per direction of Engineer-in-Charge	50	sqm	3081.95	3088.70	154435.00
	<b>18</b>	<b>WATER SUPPLY</b>					
86	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.	40000	litre	11.00	11.02	440964.00
	<b>21</b>	<b>Aluminium work</b>					
	21.1	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 of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :					
	21.1.1	For fixed portion					
87	21.1.1.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS:1868, Minimum anodic coating of grade AC 15)	300	kg	495.05	496.13	148840.00
88	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	1500	kg	530.90	532.06	798094.00
	21.2	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 aluminium 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.					
89	21.2.2	Pre-laminated particle board with decorative lamination on both sides	500	sqm	1115.4	1117.84	558921.00
	21.3	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):					
90	21.3.2	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)	100	sqm	1505.25	1508.55	150855.00
	21.4	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer in-charge.					
91	21.4.1	With stainless steel cover plate minimum 1.25 mm thickness	20	each	2823.85	2830.03	56601.00
	<b>22</b>	<b>WATER PROOFING</b>					
92	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).	500	sqm	769.6	771.29	385643.00
	22.5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying					
		(a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours					
93		b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. (The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.)	50	sqm	617.05	618.40	30920.00
94	22.6	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying: (a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. (b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. (c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around. (d) fourth and final layer of brick tiling with cement mortar (which will be paid for separately.	80	sqm	688.9	690.41	55233.00
	<b>26</b>	<b>NEW TECHNOLOGIES AND MATERIALS</b>					
	26.35	Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer-in-Charge. (The payment shall be made on the basis of actual weight of approved grout injected.					
95	26.35.3	Epoxy injection grout in concrete/RCC work of approved make	200	kg	553.4	554.61	110922.00

Sl.No.	No. of manpower	Description Of Items	Qty	Unit	Rate As per Minimum wages (monthly)	Category	Amount	
	26.86	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/ Chowkhat comprising of virgin PVC 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) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately). Note: For WPC solid door/window frames, minus 5 mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made						
96	26.86.6	Frame size 65 x 125 mm	350	meter	1381.6	1384.63	484619.00	
	26.87	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain 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/mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant 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)						
97	26.87.1	30 mm thick	100	sqm	4346.7	4356.22	435622.00	
	26.88	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/mm2, modulus of elasticity 850 N/mm2 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)						
98	26.88.1	30 mm thick	75	sqm	4764.2	4774.63	358098.00	
<b>Total Amount for Items</b>								<b>15845100.00</b>

Sl.No.	No. of manpower	Description Of Items	Qty	Unit	Rate As per Minimum wages (monthly)	Category	Amount
<b>Supply of Materials</b>							
Sl.No.	DSR Item No.	Description Of Items	Qty	Unit	Rate as per SSR 2024	Amount	
99	0701	Anodised Aluminium tower bolt (barrel type) 150x10 mm(classic/crown/everite or equivalent make)	50	10 nos	456.26	22812.86	
100	8744	Panic Bar / latch (Double point)	150	each	8155.60	1223339.81	
101	1923	H.P. or L.P. ball valve with polythene floats: 20 mm dia	75	each	376.41	28230.92	
102	1924	H.P. or L.P. ball valve with polythene floats: 25 mm dia	75	each	360.73	27054.63	
103	1947	Vitreous china flat back wash basin 630x450 mm(hindware/parryware or equivalent)	50	each	1137.79	56889.58	
104	1954	Vitreous china orrisa type W.C. pan of size 580 mm(hindware/parryware or equivalent)	30	each	1924.84	57745.06	
105	7027	M.S. Butt hinges 125x90x4 mm	100	10 nos	161.12	16111.58	
106	7059	Aluminium hanging floor door stopper with twin rubber & stopper	800	each	62.74	50188.30	
107	7060	Hydraulic door closer tubular type Aluminium section body	200	each	855.48	171096.48	
108	7072	Wall mounted water closet of size 780 x 370x690 mm	40	each	8469.28	338771.02	
109	7113	Rectangular shape 453x357 mm Mirror with Plastic moulded frame	50	each	437.72	21886.09	
110	7119	Flexible (coil shaped) PVC waste pipe for sink and wash basin 32mm dia with length not less than 700 mm i/c PVC waste fittings	600	each	54.18	32508.33	
111	7134	Circular shape 500 mm dia precast R.C.C. manhole cover with frame-M.D.-10	40	each	862.61	34504.46	
112	7358	Flushing Cistern P.V.C. 10 litre capacity (low level) (White) (with fittings,accessories and flush pipe)	60	each	885.42	53125.46	
113	7379	White vitreous china clay half stall urinal flat back 580x380x350 mm or angle back 450x375x350 mm with waste fittings as per IS:2556	20	each	1304.61	26092.21	
114	7807	Salem Stainless steel AISI - 304 (18/8) Wash basin 530mm X 345 mm	40	each	3065.48	122619.14	
115	8214	Stainless steel screws 20 mm	3000	100 nos	249.52	748547.08	
116	7121	Bottle Trap	300	each	972.40	291719.49	
117	7257	supply of C.P brass bib cock-15mm nominal bore(weight not less than 400 grams and make of PLUMBER,ESS,KINGSTON or equivalent)	125	Each	470.52	58814.41	
118	7259	C.P. Brass long body bibcock 15 mm	100	Each	755.68	75567.61	
119	7260	supply of C.P brass angle cock-15mm nominal bore(weight not less than 400 grams and make of PLUMBER,ESS,KINGSTON or equivalent)	75	Each	634.48	47586.21	
120	1689	Unplasticised P.V.C. connection pipe with brass union 45 cm long 15 mm bore	300	Each	54.18	16254.17	
121	1878	Shower rose C.P. brass for 15 to 20 mm inlet 100 mm dia	60	Each	172.52	10351.34	
122	1956	Bolts and nuts 16 mm dia 60 mm long	125	Each	17.11	2138.71	
123	367	Portland Cement (OPC-43 grade)	4	tonne	7351.45	29405.78	
124	983	Fine sand (zone IV)	6	cum	1397.29	8383.73	
125	982	Coarse sand (zone III)	12	cum	2067.42	24808.99	
126	295	Stone Aggregate (single size) : 20 mm nominal size	15	cum	2031.77	30476.56	
127	297	Stone Aggregate (Single size) : 10 mm nominal size	12	cum	1,996.13	23953.51	
128	1309	C.I. bracket for wash basin and sinks	75	pair	135.45	10158.85	
129	1875	White plastic seat (solid) with lid C.P. brass hinges and rubber buffers	50	each	643.04	32151.88	
130	1885	15 mm C.P. brass tap(pillar tap)	60	each	423.46	25407.83	
131	593	C.P. Brass Extension Nipple (1/2"x2" size)	30	each	65.59	1967.61	
132	8637	Chlorinated Polyvinyl - chloride (CPVC) pipe 20 mm outer dia	600	metre	84.12	50473.46	
133	8638	Chlorinated Polyvinyl - chloride (CPVC) pipe 25 mm outer dia	350	metre	135.45	47407.98	
134	8639	Chlorinated Polyvinyl - chloride (CPVC) pipe 32 mm outer dia	125	metre	199.61	24951.57	
135	8640	Chlorinated Polyvinyl - chloride (CPVC) pipe 40 mm outer dia	150	metre	285.16	42774.12	
136	8641	Chlorinated Polyvinyl - chloride (CPVC) pipe 50 mm outer dia	75	metre	463.39	34753.97	
137	8642	Chlorinated Polyvinyl - chloride (CPVC) pipe 65 mm outer dia	50	metre	1106.42	55321.19	
138	8643	Chlorinated Polyvinyl - chloride (CPVC) pipe 80 mm outer dia	50	metre	1485.69	74284.39	
139	8644	Chlorinated Polyvinyl - chloride (CPVC) pipe 100 mm outer dia	50	metre	2,278.43	113921.74	
140	7118	Semi Rigid PVC waste pipe for sink and wash basin 40 mm dia with length not less than 700 mm i/c PVC waste fittings	125	each	51.33	6416.12	
141	7361	P.V.C. automatic flushing cistern 10 litre capacity	75	each	777.06	58279.74	
142	7126	White Vitreous china 10 litre (full flush) capacity controlled low levelflushing cistern with all fittings	65	each	1040.84	67654.40	
143	368	white cement( make :JK/Birla)	1.5	tonne	14970.94	22456.41	
144	8552	Mineral fibre beveled regular edged ceiling tiles 595 x595mm,16 mm thick	40	sqm	1311.74	52469.59	
145	589	Chromium plated Brass screws 20 mm	3	100 nos	216.72	650.17	
146	590	Chromium plated Brass curtain rod 12 mm dia 1.25mm thick	125	metre	253.79	31724.14	
147	869	Plaster of paris	50	kg	9.98	499.03	
148	2406	Float glass sheet of nominal thickness 4 mm ( weight not less than 10kg/sqm) in required sizes.Modi,saint gobin,asahi or equivalent make)	50	sqm	457.68	22884.15	
149	7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	20	sqm	370.71	7414.18	
150	2634	GI/Aluminium Sheet (0.8 mm thick)	50	kg	79.85	3992.25	
151	1356	500 mm dia cover with frame (medium duty)	30	each	6273.54	188206.12	
152	1357	500 mm dia cover without frame (medium duty)	20	each	3279.35	65586.98	
153	1354	Rectangular cover 455x610 mm with frame (low duty)	40	each	2195.74	87829.52	
154	1355	Rectangular cover 455x610 mm without frame (low duty)	40	each	1211.93	48477.34	
155	7009	12.5 mm thick tapered edge gypsum plain borad confirming to IS 2095 (part I)-2011	100	sqm	219.57	21957.38	
156	7394	Double action hydraulic floor spring with stainless steel cover plate	45	each	2302.67	103620.30	
157	8012	Adhesive solvent cement	30	kg	213.87	6416.12	
158	9001	C.P. Brass Centre Hole Basin Mixer With Cast Spout	250	each	2509.41	627353.75	
159	7122	CP Brass Single lever telephonic wall mixer of approved make	75	each	6843.86	513289.43	
160	1219	MS Wire nails	15	kg	82.70	1240.45	
161	1213	Water proofing materials	30	kg	64.16	1924.84	
162	696	Anodized Aluminium sliding door bolt 300x16 mm	50	Each	228.13	11406.43	
163	7503	Supplying and fixing on demand(with the available site labour) inposition PTMT Liquid Soap Container of 400 ml capacity	50	Each	146.86	7342.89	
164	1248	Epoxy base sealing compound	25	kg	762.81	19070.13	
165	7076	Battery based infrared sensor operated white Vitreous Urinal of aprox. size 610x390x370 mm	50	Each	6801.08	340054.25	

Sl.No.	No. of manpower	Description Of Items	Qty	Unit	Rate As per Minimum wages (monthly)	Category	Amount
166	8646	Weather Silicon sealant	50	cartridge	178.23		8911.27
<b>Total For DSR Material Says</b>							
						<b>6491685.48</b>	
						<b>6491685.00</b>	
	SSR ref	Description of item	Quantity	Unit	SSR 2024 Rate	Amount	
167	TBSP-F.VII-06	S&F CP finish brass body 32 mm dia nominal size waste coupling with half/full thread & brass check nut conforming to IS 2963: 1979	125	each	365.45	45681.10	
168	TBSP-F.VII-28	S&F Stainless steel 4" dia round Grating for nahany or floor trap cover with cockroach trap with or without hole	250	Each	253.32	63330.61	
169	TBSP-F.I-06	S&F of 15 mm brass body premium variety Chromium Plated finish two way bib tap with flange of not less than 500 grams weight with quarter turn spindle internal/ external threaded connection conforming to IS 8931 and with 10 years warranty	125	Each	1676.36	209544.73	
170	TBSP-H.I-04	40 mm dia 3 M Kg/sq.cm Double Socket PVC/SWR pipe - 4	125	Each	339.15	42393.44	
171	TBSP-H.I-01	75 mm dia 3 M Single Socket PVC/SWR pipe - 4 Kg/sq.cm	50	Each	416.67	20833.35	
172	TBSP-H.I-03	110 mm dia 3 M single Socket PVC/SWR pipe - 4 Kg/sq.cm	60	Each	787.65	47259.17	
173	TBSP-H.II-13	75 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings	30	Each	112.13	3363.79	
174	TBSP-H.II-15	110 mm dia - Door Bend 87.5 Degree - UPVC/SWR	30	Each	177.19	5315.62	
175	TBSP-H.II-16	PVC 45degree bend 75 mm	30	Each	65.06	1951.83	
176	TBSP-H.II-18	PVC 45degree bend 110mm	30	Each	116.28	3488.37	
177	TBSP-F.VII-01	S&F of 15 mm Stainless steel flexible hose 1.0 m long for hand shower / health faucet with brass nuts	500	Each	398.67	199335.70	
178	TBSP-F.VII-02	S&F of 15 mm CP finish brass body health faucet gun	500	Each	332.23	166113.08	
179	TBSP-E.IV-02	Supplying & Fixing internal cistern fittings for dual flush cisterns	20	Each	2440.48	48809.56	
180	TBSP-E.V-01	Supplying and Fixing best Indian make plastic seat and lid for European water closets with rubber or plastic Buffers as per IS2548-1996	50	Each	1780.18	89008.93	
181	TBSC-J.IV-28	Supply of 20mm CPVC - Sche-80 Ball Valve	125	Each	361.30	45161.99	
182	TBSC-J.IV-27	Supply of 25mm CPVC - Sche-80 Ball Valve	75	Each	406.98	30523.28	
183	TBSC-J.IV-26	Supply of 32mm CPVC - Sche-80 Ball Valve	30	Each	872.09	26162.81	
184	TBSC-J.IV-25	Supply of 40mm CPVC - Sche-80 Ball Valve	30	Each	1184.94	35548.20	
185	TBSC-J.IV-24	Supply of 50mm CPVC - Sche-80 Ball Valve	15	Each	1868.77	28031.58	
186	TBSP-G.II-02	S& F GI union 20 mm nominal size 1st Quality	20	Each	84.44	1688.82	
187	TBSP-G.II-03	S& F GI union 25 mm nominal size 1st Quality	25	Each	125.97	3149.23	
188	TBSP-G.II-04	S& F GI union 30 mm nominal size 1st Quality	30	Each	155.04	4651.17	
189	TBSP-G.II-05	S& F GI union 40 mm nominal size 1st Quality	15	Each	185.49	2782.39	
190	TBSP-G.II-06	S& F GI union 50 mm nominal size 1st Quality	10	Each	229.79	2297.90	
191	TBSP-J.III-214	Supply of 20x15mm civic brass elbow where in the compound should confirm to IS 15778 CPVC pipe IS 15225 CPVC compound with high range of pressure and high range of thickness in SDR 11 and SDR 13.5	125	Each	207.64	25955.17	
192	TBSP-J.III-211	Supply of 20mm civic elbow where in the compound should confirm to IS 15778 CPVC pipe IS 15225 CPVC compound with high range of pressure and high range of thickness in SDR 11 and SDR 13.5	175	Each	24.92	4360.47	
193	TBSP-J.III-212	Supply of 32mm civic elbow where in the compound should confirm to IS 15778 CPVC pipe IS 15225 CPVC compound with high range of pressure and high range of thickness in SDR 11 and SDR 13.5	125	Each	60.91	7613.52	
194	TBSP-J.III-213	Supply of 25x20 mm civic reducing tee where in the compound should confirm to IS 15778 CPVC pipe IS 15225 CPVC compound with high range of pressure and high range of thickness in SDR 11 and SDR 13.5	125	Each	387.60	48449.65	
195	TBSP-J.III-215	Supply of 32x20 mm civic reducing tee where in the compound should confirm to IS 15778 CPVC pipe IS 15225 CPVC compound with high range of pressure and high range of thickness in SDR 11 and SDR 13.5	75	Each	15.23	1142.03	
196	TBSP-F.III-03	S&F of 15 mm brass body Premium variety Chromium plated finish Swan neck tap with right/left hand operating knob with aerator of not less than 500 grams weight quarter turn spindle conforming to IS 8931 and with a warranty of 10 years	125	Each	2436.33	304540.65	
197	TBSC-P.IV-10	Stainless Steel Aldrops (IS:15834) 200 mm long	175	Each	380.68	66618.27	
198	TBSC-P.I-21	Stainless Steel Tower Bolt-10 mm Bolt (IS:15833) 150 mm Long	600	each	239.48	143687.82	
199	TBSC-P.I-22	Stainless Steel Tower Bolt-10 mm Bolt (IS:15833) 200 mm Long	75	each	315.61	23671.11	
200	TBSC-P.V-07	MS-Powder Coated Flat Latches: 250 mm long	125	each	87.21	10901.17	

Sl.No.	No. of manpower	Description Of Items	Qty	Unit	Rate As per Minimum wages (monthly)	Category	Amount
201	TBSC-P.III-18	Stainless Steel Door Handles 200 mm Long	100	each	253.32	25332.25	
202	TBSC-P.III-17	Stainless Steel Door Handles 150 mm Long	400	each	225.64	90254.78	
203	TBSC-P.VIII.02	Heavy duty mortise lock 6/7 levers (IS:2209) with brass heavy handles	40	each	3549.28	141971.32	
204	TBSC-P.IX-03	Heavy duty Aluminium Door stopper	200	each	95.52	19103.00	
<b>Total For NDSR Material</b>						<b>2040027.86</b>	
<b>Says</b>						<b>2040028.00</b>	
<b>Total ECPT</b>						<b>41081968.15</b>	