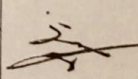


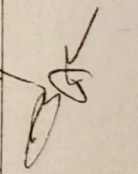


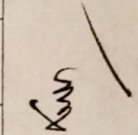
S. N	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
	Lintel for W1	2	1.3	0.23	0.23	0.14				
	Chajja over W1	2	1.3	0.6	0.13	1.93				
	Chajja over D1	1	1.5	0.6	0.13	0.11				
6	Centering and shuttering including strutting, propping etc. and removal of form work for Foundations, footings, bases for columns sides of foundation					8.21	Cum	9400.85	77215.90	DSR Item No_5_33.2
	For column foundation (1200x1200)	6	4.8		0.35	10.08	sqm	284.85	2871.29	DSR Item No_5_9.1
	Columns, piers, abutments, pillars, posts and struts									
	Sides of column above foundation									
	Column (230x300)	6	1.06		3.1	19.72				
	Lintels, beams, plinth beams, girders, bressumers and cantilevers					19.72	sqm	733.7	14465.63	DSR Item No_5_9.6
	Sides of Plinth Beam	1	19.68		0.50	9.84				
	Roof Beam 1	2	5.95		0.73	8.69				
	Roof Beam 2	3	2.84		0.73	6.22				
	Lintel for D1	2	1.50		0.69	2.07				
	Lintel for W1	2	1.30		0.69	1.79				
	Suspended floors, roofs, landings, balconies and access platform					28.61	sqm	552.05	15794.48	DSR Item No_5_9.5
		1	7.01	3.90		27.34				
						27.34	Sqm	693.05	18947.29	DSR Item No_5_9.3

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S. N	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
	Weather shade, Chajjas, corbels etc., including edges									
	Chajja over W1	2	1.3	0.6		1.56				
	Chajja over D1	1	1.5	0.6		0.90				
						2.46	Sqm	766.75	1886.21	DSR Item No_5_9_19
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level and above Thermo-Mechanically Treated bars of grade Fe-500D or more.									
	Consider 1.5 % of Total volume					1505	Kg	83.5	125687.15	DSR Item No_5_22.6
8	Brick work with common burnt clay F.P.S (non modular) bricks of class designation 7.5 in superstructure above plinth level									
	Cement mortar 1:6 (1 cement : 6 coarse sand)									
	Center line	1	19.68	0.23	2.85	12.90				
	Parapet wall	1	21.82	0.115	0.6	1.51				
	Pilaster for Parapet wall @ 1.5 m c/c	15	0.23	0.115	0.6	0.24				
	Deduction D1	2	1.2	0.23	2.1	-1.16				
	Deduction W1	2	1	0.23	1	-0.46				
	Deduction for V	2	0.6	0.23	0.6	-0.17				
						12.86	Cum	7590.45	97606.13	DSR Item No_6_4_2
9	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 1:3 (1 cement : 3 coarse sand)									
	Partition wall of toilet	1	1.9		2.85	5.42	Sqm	932.1	5047.32	DSR Item No_6_13.2





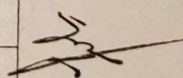
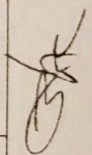
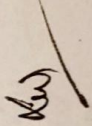




S. N	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
10	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry					5.42	Sqm	80.1	433.74	DSR Item No_6.15
11	12 mm cement plaster of mix :1:6 (1 cement: 6 fine sand) on Internal Surface									
	Internal side	1	23.26		2.85	66.29				
	Toilet Partition Walls	2	1.9		2.85	10.83				
	Deduction D1	3	1.2		2.1	-7.56				
	Deduction W	2	1		1	-2.00				
	Deduction for V	2	0.6		0.6	-0.72				
	12 wall tiles									
12	15 mm cement plaster on the rough side of single or half brick wall of mix					66.84	Sqm	254.25	16994.32	DSR Item No_13.1.2
	External side	1	19.42		2.85	55.35				
	Parapet wall	2	21.82	0.6		26.18				
	Deduction D1	1	1.2		2.1	-2.52				
	Deduction W1	2	1		1	-2.00				
	Deduction for V	2	0.6		0.6	-0.72				
13	6 mm cement plaster of mix :Ceiling Plaster 1:3 (1 cement : 3 fine sand)					76.29	Sqm	292.85	22341.82	DSR Item No_13.2.2
	Roof Slab	1	6.25	3		17.75				
14	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					17.75	Sqm	227.35	4035.46	DSR Item No_13.16.1
						160.8	Sqm	115.15	18525.56	DSR Item No_13.80

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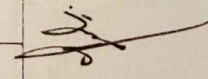
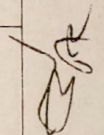
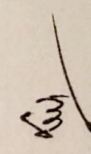
S. N	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
15	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including water thinnable priming coat with cement primer					84.59	Sqm	153.45	12980.49	DSR Item No_13.41.1
16	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)					76.29	Sqm	164.7	12565.13	DSR Item No_13.46.1
17	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	1	3.8	2.84		10.79				
	Admin Block	1	1.34	1.915		2.57				
	Lobby					13.36	Sqm	1500.5	20044.50	DSR Item No_11.41.2
18	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622. of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm	1	13.28		0.1	1.33				
	Admin Block	1	6.51		0.1	0.65				
	Lobby	3	1.2		0.1	-0.36				
	Deduction of D1	2	0.75		0.1	-0.15				
	Deduction of D2					1.47	Sqm	1545.8	2270.85	DSR Item

S. N	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
19	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), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigment etc., complete.							5		No_11.46.2
	Male Toilet	1	1.5	1.1		1.65				
	Female Toilet	1	1.5	1.1		1.65				
						3.30	Sqm	926.9	3058.77	DSR Item No_11.37
20	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 @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.									
	Male Toilet	1	3.7		2.1	7.77				
	Female Toilet	1	3.7		2.1	7.77				
	Deduction of D2	2	0.75		2.1	-3.15				
						12.39	Sqm	927.9	11496.68	DSR Item No_11.37A

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S. N	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
21	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, mitted 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)									
	Powder coated aluminium (minimum thickness of powder coating 50 micron)	2				14.88				
	For D1(1.2x2.1)					14.4				
	For W1 (1x1)	2				29.28	Kg	456.3	13360.46	DSR Item No.21.1.1.2
22	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)									
	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 paneling 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.									
23						14.64	Kg	546.35	7998.56	DSR Item No.21.1.2.2



S. N	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
	Pre-laminated particle board with decorative lamination on both sides For D1(1.2x2.1)	2	1.2		2.1	5.04	Sqm	1046.9	5276.38	DSR Item No_21.2.2
24	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); For W1 (1x1)	2	1		1	2.00	Sqm	1296.4	2592.80	DSR Item No_21.3.2
25	Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete. 12 mm dia					2.4	RM	272.8	654.72	DSR Item No_9.46.1
26	Providing & Fixing PVC Strip curtain as approved by Engineer in charge					2	SQM	1500	3000.00	NSI
27	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.					1	each	359.00	359.00	DSR_item no_21.13
28	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete.							450.55		DSR_item no_21.15
	Powder coated minimum thickness 50 micron aluminium					50	each	71.55	3577.50	DSR_item no_21.15.2
29	25 mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762 mm X 25 mm or less as per requirement with an average wall thickness of 1 mm (± 0.3 mm). PVC foam end cap of size 23x10 mm are provided on both vertical edges to ensure the overall thickness of 25 mm. M.S. tube having dimensions 19 mm x 19 mm and 1.0 mm (± 0.1 mm) is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25					3.15	Sqm	2582.3	8134.25	DSR_item no_9.118.3

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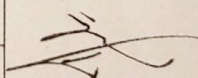
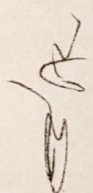

S. N	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
30	mm X 11 mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufacturer's specification and direction of Engineer-in-charge to take up necessary hardware and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places									
30	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer in-Charge.	9.9					RM	391.65	3877.34	DSR_item no_9_119
31	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	1	7.01	3.9		27.34 1.09 cum	SQM	623.05 7547.87	14299.66	DSR_item no_22.6

*Accepted for payment
Date 22.11.11
22.11.11
6924.65*

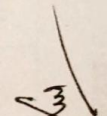

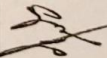
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S. N	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
	tucked into groove in parapet all around.(d) fourth and final layer of brick tiling with cement mortar (which will be paid for separately,For the purpose of measurement the entire treated surface will be measured.									
									605397.63 6.05	
							Total		627479.49	
	Water Supply and Sanitation work									
31	Providing and fixing unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type B including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. Single socketed pipes for working pressure of 4 kg/sqcm.									
	75 mm diameter					5	RM	150	750.00	NSI
	110 mm diameter					5	RM	200	1000.00	NSI
32	Providing and fixing unplasticised PVC moulded fittings/ accessories for unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.									
	Bend 87.50 with door									
	75 mm diameter					2	Each	120	240.00	NSI
	110 mm diameter					2	Each	180	360.00	NSI

S. N	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
33	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.					2	Nos	5260.95	10521.90	DSR_item no_17.2
34	W.C. pan with ISI marked white solid plastic seat and lid									DSR_item no_17.2.1
35	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.									DSR_item no_17.7
36	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps					1	Nos	3087.70	3087.70	DSR_item no_17.7.1
37	Providing and fixing on wall face Unplasticised Rigid PVC Single socketed pipes 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, 110 mm diameter.					10	RM	305.05 253.00	2530.00 3050.50	NSI 12.47
38	Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2.4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate, 20mm nominal size) . i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design.									DSR_item no_18.33
	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5					2	Each	9288.40	18576.80	DSR_item no_18.33.1



S. N	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
39	Providing, laying and jointing following P.V.C. - U pipes with solvent cement joint for Non-pressure gravity drain and sewer applications including testing of joints, cost of jointing materials etc. complete in all respect. [Conform to IS 15328:2003, solvent cement shall conform to IS 14182], 200 mm dia					10	RM	350.00	3500.00	NSI
40	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. Internal work - Exposed on wall									DSR_item no_18.7
	20 mm nominal outer dia Pipes					10	RM	306.95	3069.50	DSR_item no_18.7.2
41	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. Concealed work, including cutting chases and making good the walls etc.									DSR_item no_18.8
	15 mm nominal outer dia Pipes					5	RM	409.65	2048.25	DSR_item no_18.8.1
42	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.									DSR_item no_18.48
	Circular tank					500	per litre	8.80	4400.00	DSR_item no_18.48A



S. N	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
43	Providing and fixing PTMT extension nipple for water tank pipe, fittings of approved quality and colour.									DSR_item no_18.75
	15 mm nominal bore, weighing not less than 32 gms					1	each	49.20	49.20	DSR_item no_18.75.1
44	Providing and fixing PTMT stop cock of approved quality and colour									DSR_item no_18.55
	15 mm nominal bore, 86 mm long, weighing not less than 88 gms					5	each	116.55	582.75	DSR_item no_18.55.1
							Total		50716.10	51236.60
				Total of DSR Items					668816	
				Total of NSI					11380	

or 0.51

SI - Rs 647784.00 or Rs 6.48 lakhs

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NSI - Rs 8850.00

11 0.09 lakhs

Subwork 16: Construction of Compost Curing and Storage Shed at Processing Site

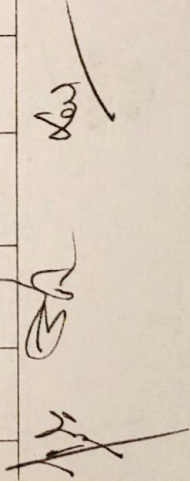
S. N	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
	Civil Work									
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and 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.									
	Upto 1.5 meter depth									
	For column foundation (250x300)	10	1.4	1.4	1.95	38.22				
	For PCC of Plinth Beam	1	46.92	0.43	0.25	5.04				
	Side Drain	1	67.04	0.96	0.4	25.74				
						69.01	Cum	252.3	17410.53	DSR Item No_2.8.1
2	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 upto 50 m and lift upto 1.5 m, as directed by Engineer-in-Charge.	1	20	10		200.00	Sqm	92.55	18510.00	DSR Item No_2.1.1
3	150 mm THK Well compacted stone soling voids should be filled and compacted with stone chipping and sand filling 60-90 mm stone size									
	For Grade Slab	1	20	10	0.15	30.00				
	For Entrance	1	5	3	0.15	2.25				
						32.25	Cum	1873.00	60404.25	UNIT ESTIMATE
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level. 1:3:6 (1 Cement 3 coarse sand (zone-III); 6 graded stone aggregate 40 mm nominal size).									

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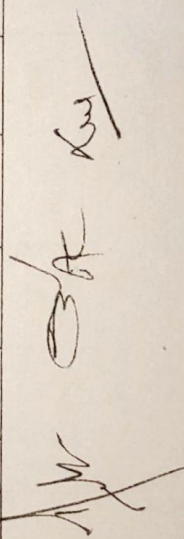
S. No	Item Description	N	Lengt h	Breadt h	Height	Qty	Unit	Rate	Amount	Item Reference
	in column foundation	10	1.4	1.4	0.075	1.47				
	Below plinth beam	1	50.75	0.43	0.075	1.64				
	Plinth Protection	1	65.84	1	0.1	6.58				
	Below Side Drain	1	67.04	0.96	0.075	4.83				
	For Entrance	1	5	3	0.1	1.50				
	For Flooring over soiling	1	20	10	0.075	15.00				
						31.02	Cum	6126.25	190021.37	DSR Item No_4.1.6
3	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate	1	20	10		200.00	Sqm	498.35	99670.00	DSR Item No_11.3.1
4	Providing and fixing glass strips in joints of terrazzo/ cement concrete floors. 40 mm wide and 4 mm thick									
5	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 mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, 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 payable/recoverable separately)									
	All works upto plinth level	10	1.2	1.2	0.35	5.04				
	Column foundation									

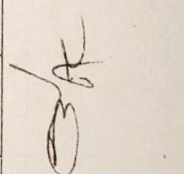
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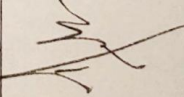
S. N	Item Description	No	Length h	Breadth h	Height	Qty	Unit	Rate	Amount	Item Reference
	Weather shade, Chajjas, corbels etc., including edges					141.33	sqm	552.05	78023.88	DSR Item No_5.9.5
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level and above. Thermo-Mechanically Treated bars of grade Fe-500D or more. Consider 1.5 % of Total volume	1	5	0.75		3.75	Sqm	766.75	2875.31	DSR Item No_5.9.19
	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in.					2885.2 3	Kg	83.5	240916.74	DSR Item No_5.22.6
	Wall-1 of Outer Drain	1	46.58	0.23	0.3	3.21				
	Wall-2 of Outer Drain	1	44.92	0.23	0.15	1.55				
8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level Cement mortar 1:6 (1 cement : 6 coarse sand) Center line Deduction for Rolling shutter	1 1	60.92 5	0.23 0.23	3 3	42.03 -3.45		6376.2 5	30374.92	DSR Item No_6.1.1
	12 mm cement plaster of mix .1:6 (1 cement: 6 fine					38.58	Cum	7590.4 5	292876.00	DSR Item No_6.4.2



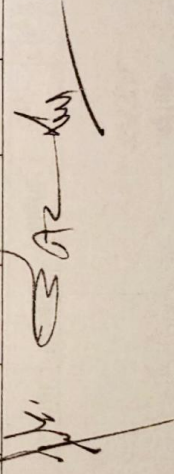
S. N	Item Description	No	Lengt h	Breadt h	Height	Qty	Unit	Rate	Amount	Item Reference
	Internal side	1	60		3	180.00				
	Deduct rolling shutter opening	1	5		3	-15.00				
						165.00	Sqm	254.25	41951.25	DSR Item No_13.1.2
10	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand) in drain									
	wall -1	1	46.58		0.53	24.69				
	wall-2	1	44.92		0.53	23.81				
	Bottom	1	45.52	0.3		13.66				
						62.15	Sqm	266.85	16584.99	DSR Item No_13.1.1
11	20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) on External Surface									
	External side	1	61.84		3	185.52				
	Deduct rolling shutter opening	1	5		3	-15.00				
						170.52	Sqm	365.25	62282.43	DSR Item No_13.3.1
12	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.									
						335.52	Sqm	115.15	38635.13	DSR Item No_13.80
13	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)									
						170.52	Sqm	91.25	15559.95	DSR Item No_13.44.1



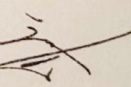


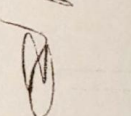


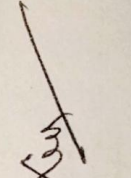
S. N	Item Description	No	Length h	Breadth h	Height	Qty	Unit	Rate	Amount	Item Reference
14	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two or more coats) over and including water thinnable priming coat with cement primer					165.00	Sqm	153.45	25319.25	DSR Item No_13,41.1
15	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					9668.00	Kg	101.75	983719.00	DSR Item No- 10.2
16	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness 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.					244.00	Sqm	627.55	153122.20	DSR Item No- 12.5
17	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution					244.00	Sqm	138	33672.00	DSR Item No- 13.53.1


 J. V. S. R. K. M.

S. N	Item Description	No	Length h	Breadth h	Height	Qty	Unit	Rate	Amount	Item Reference
18	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work					322.27	Sqm	189.75	61150.10	DSR Item No-13.52.1
19	Providing and Fixing Polypropylene sheet as per drawing & technical specification (1.2m x 4.8m) above bend lintel	1	61.84		4.8	296.83	Sqm	600	178099.20	NSI
20	Providing and fixing 15 cm wide, 45 cm overall semi-circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete.									
21	0.80 mm thick with zinc coating not less than 275 gm/m 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.					41.20	RM	765	31518.00	DSR Item No-12.7.1
	110 mm diameter									
22	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°					12	Nos	129.85	1558.20	DSR Item No-12.42.5.2
	Shoe (Plain)					6	Nos	113.8	682.80	DSR Item No-12.42.6.2
23	Providing & Fixing MS Clamp to hold wall mounted Rain water pipe in position including making necessary					48	Nos	50	2400.00	NSI



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Qty Calculation of Truss of Closed Shed (20x10)						
Size of shed	10	x	20	m		
No of trusses	5	Nos				
No of Bays	4	Nos				
length of bay/ purlin	5	m				
No. of purlins	12	Nos				
Width of building/ Width of truss	10	m				
No of columns per bay	2	Nos				
Length of top chord / sag rod	12.2	m				
Steel quantities of Trusses						
Description	Units	Nos.	Length m	Total length m	Weight per meter 'kg/m'	Total weight ' kgs'
Top & bottom chord (2 L 75X75X8 @17.8kg/m)	kg	5	24	120	17.8	2136
Chord members (2L 50X50X6 @ 9Kg/m)	kg	5	23	115	9	1035
purlins (MC 150 @ 16.8Kg/m)	kg	48	5	240	16.8	4032
Tie members (MC 150 @ 16.8Kg/m)	kg	22	5	110	16.8	1848
sag rod (12 dia @0.89kg/m)	kg	4	12.2	48.8	0.89	43.432
Cap plate (300x300x16thk@ 11.3kg/No)	kg	10	Nos		11.3	113
					Total weight of truss =	9668
Area of GI roof sheet cover	244	sqm				

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Stone Soling							
S.N	Item Description	No	Qty	Unit	Rate	Amount	Item Reference
	Details of cost 3 m X6 m and 150 mm thick area						
1	Stone Boulder 50 mm to 200 mm	1	2.7	Cum	850	2295.00	DSR 16 7753
2	Gravel 5 mm to 10 mm to fill voids	1	0.54	Cum	850	459.00	DSR 16 7754
3	Sand Filling	1	0.27	Cum	1953.05	527.32	DSR 16 2.27
4	Beldar to spread boulder & Gravel	1	2	Day	558	1116.00	DSR 16 0114
				Total		4397.32	
	Add 15% CPOH			15%		659.60	
				Total		5056.92	
				Total per Cum		1873.00	





Subwork 17: Construction of Compost Coarse Segregation Shed at Processing Site

S. N	Item Description	No	Length h	Breadth h	Height	Qty	Unit	Rate	Amount	Item Reference	
1	Civil Work										
	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.										
	Upto 1.5 meter depth	27	1.4	1.4	1.95	103.19					
	For column foundation (250x300)	1	107.92	0.43	0.25	11.60					
	For PCC of Plinth Beam	1	123.04	0.96	0.4	47.25					
	Side Drain					162.04	Cum	252.3	40883.39	DSR Item No_2.8.1	
2	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 upto 50 m and lift upto 1.5 m, as directed by Engineer-in-Charge.	1	40	18		720.00	Sqm	92.55	66636.00	DSR Item No_2.1.1	
3	150 mm THK Well compacted stone soling voids should be filled and compacted with stone chipping and sand filling 60-90 mm stone size										
	For Grade Slab	1	40	18	0.15	108.00					
	For Entrance	2	5	3	0.15	4.50					
						112.50	Cum	1873.00	210712.50	UNIT ESTIMATE	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III); 6 graded stone aggregate 40 mm nominal size).										

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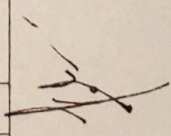
S. N	Item Description	No	Length h	Breadth h	Height	Qty	Unit	Rate	Amount	Item Reference
	in column foundation	27	1.4	1.4	0.075	3.97				
	Below plinth beam	1	155.35 5	0.43	0.075	5.01				
	Plinth Protection	1	121.84	1	0.1	12.18				
	Below Side Drain	1	123.04	0.96	0.075	8.86				
	For Entrance	2	5	3	0.1	3.00				
	For Flooring over soiling	1	40	18	0.075	54.00				
						87.02	Cum	6126.2 5	533119.0 1	DSR Item No_4.1.6
3	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.40 mm thick with 20 mm nominal size stone aggregate	1	40	18		720.00	Sqm	498.35	358812.0 0	DSR Item No_11.3.1
4	Providing and fixing glass strips in joints of terrazzo/ cement concrete floors.40 mm wide and 4 mm thick									
5	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 mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, 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 payable/recoverable separately).									
	All works upto plinth level	27	1.2	1.2	0.35	13.61				
	Column foundation									
						3867.00	RM	75.15	290605.0 5	DSR Item No_11.13.1

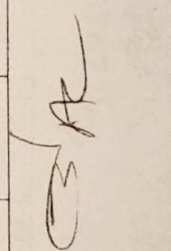


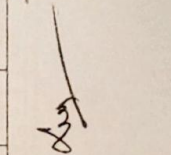
S. N	Item Description	No	Length h	Breadth h	Height	Qty	Unit	Rate	Amount	Item Reference
	Column 250x300	27	0.25	0.3	1.5	3.04				
	Plinth beam	1	155.35 5	0.23	0.3	10.72				
	All works above plinth level upto floor V level					27.36	Cum	7997.3	218846.0 7	DSR Item No_5.33.1
	Column (250x300) above plinth	27	0.25	0.3	6	12.15				
	Column (230x230) above plinth Stool Column	6	0.23	0.23	3	0.95				
	Band Lintel	1	116.92	0.23	0.23	6.19				
	Tie Beam	1	157	0.25	0.3	11.78				
	Chajja for Rolling shutter	2	5	0.75	0.15	1.13				
						32.19	Cum	9400.8 5	302587.6 8	DSR Item No_5.33.2
6	Centering and shuttering including strutting, propping etc. and removal of form work for									
	Foundations, footings, bases for columns									
	sides of foundation	27	4.8		0.35	45.36	sqm	284.85	12920.80	DSR Item No_5.9.1
	Columns, piers, abutments, pillars, posts and struts									
	Sides of column above foundation									
	Columns (250x300)	27	1.1		7.5	222.75				
	Column (230x230) above plinth Stool Column	6	0.92		3	16.56				
	Lintels, beams, plinth beams, girders, bressumers and cantilevers									
	Sides of Plinth Beam	1	155.4		0.6	93.21				
	Sides of band lintel	1	116.9		0.7	80.67				
						239.31	sqm	733.7	175581.7 5	DSR Item No_5.9.6

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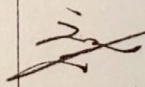
S. N	Item Description	No	Length h	Breadth h	Height	Qty	Unit	Rate	Amount	Item Reference
9	12 mm cement plaster of mix :1:6 (1 cement: 6 fine sand) on Internal Surface									
	Internal side	1	116		3	348.00				
	Deduct rolling shutter opening	2	5		3	-30.00				
						318.00	Sqm	254.25	80851.50	DSR Item No_13.1.2
10	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand) in drain									
	wall -1	1	86.58		0.53	45.89				
	wall-2	1	84.92		0.53	45.01				
	Bottom	1	85.52	0.3		25.66				
						116.55	Sqm	266.85	31101.63	DSR Item No_13.1.1
11	20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) on External Surface									
	External side	1	117.84		3	353.52				
	Deduct rolling shutter opening	2	5		3	-30.00				
						323.52	Sqm	365.25	118165.68	DSR Item No_13.3.1
12	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.									
						641.52	Sqm	115.15	73871.03	DSR Item No_13.80
13	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)									
						323.52	Sqm	91.25	29521.20	DSR Item No_13.44.1
14	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two or more coats) over and including water thinnable priming coat with cement									
						318.00	Sqm	153.45	48797.10	DSR Item No_13.41.1

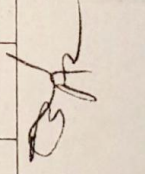


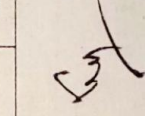




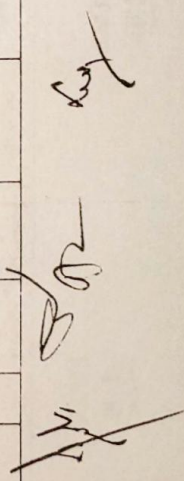
S. N	Item Description	No	Length h	Breadth h	Height	Qty	Unit	Rate	Amount	Item Reference
	Sides of tie beam	1	157.0		0.9	133.45				
	Weather shade, Chajjas, corbels etc., including edges	2	5	0.75		7.50	Sqm	766.75	5750.63	DSR Item No_5.9.19
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level and above. Thermo-Mechanically Treated bars of grade Fe-500D or more.									
	Consider 1.5 % of Total volume					7012.28	Kg	83.5	585525.29	DSR Item No_5.22.6
	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in									
	Wall-1 of Outer Drain	1	86.58	0.23	0.3	5.97				
	Wall-2 of Outer Drain	1	84.92	0.23	0.15	2.93				
	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level									
8	Cement mortar 1:6 (1 cement : 6 coarse sand)	1	116.92	0.23	3	80.67				
	Center line	2	5	0.23	3	-6.90				
	Deduction for Rolling shutter									
						73.77	Cum	7590.45	559983.93	DSR Item No_6.4.2







S. No	Item Description	No	Length	Breadth	Height	Qty	Unit	Rate	Amount	Item Reference
15	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					28903.00	Kg	101.75	2940880.25	DSR Item No- 10.2
16	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness 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.					794.40	Sqm	627.55	498525.72	DSR Item No- 12.50
17	Painting on G. S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade. New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution					794.40	Sqm	138	109627.20	DSR Item No- 13.53.1





S. N	Item Description	No	Lengt h	Breadt h	Height	Qty	Unit	Rate	Amount	Item Reference
18	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work					963.43	Sqm	189.75	182811.48	DSR Item No-13.52.1
19	Providing and fixing 15 cm wide, 45 cm overall semi-circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gm/m ²					81.20	RM	765	62118.00	DSR Item No-12.7.1
20	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					50	RM	305.05	15252.50	DSR Item No-12.41.2
21	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° Shoe (Plain)					12	Nos	129.85	1558.20	DSR Item No-12.42.5.2
22	Providing & Fixing MS Clamp to hold wall mounted Rain water pipe in position including making necessary holes and fittings etc.					6	Nos	113.8	682.80	DSR Item No-12.42.6.2
						48	Nos	50	2400.00	NSI

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Qty Calculation of Truss of Open Shed (40x18)						
Description	Units	Nos.	Length m	Total length m	Weight per meter 'kg/m'	Total weight' kgs'
Size of shed	18	x	40	m		
No of trusses	9	Nos				
No of Bays	8	Nos				
length of bay/ purlin	5	m				
No. of purlins	18	Nos				
Width of building/ Width of truss	18	m				
No of columns per bay	3	Nos	(with intermediate column)			
Length of top chord / sag rod	19.86	m				
Steel quantities of Trusses						
Description						
Top & bottom chord (2 L 75X75X8 @17.8kg/m)	kg	9	39.37	354.33	17.8	6307.074
Chord members (2L 50X50X6 @ 9Kg/m)	kg	9	34.53	310.77	9	2796.93
purlins (MC 150 @ 16.8Kg/m)	kg	144	5	720	16.8	12096
Tie members (MC 150 @ 16.8Kg/m)	kg	70	5	350	16.8	5880
sag rod (12 dia @0.89kg/m)	kg	8	19.86	158.88	0.89	141.4032
Cap plate (300X300X16hk@ 11.3kg/No)	kg	27	Nos		11.3	305.1
Total weight of truss =						28903
Area of GI roof sheet cover	794.4	sqm				

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