

Bill of quantity for the work Comprehensive Annual Maintenance Contract (CAMC) of Service buildings of Sayal under Sayal D Project, Barka-Sayal area (For one year).

S.N.	Description of Item	Qnty.	Unit	UPDATED RATE	Amt(Rs.)
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means foundation trenches, drain not exceeding 1.5 m in width as well as 10 sqm on plan including dressing of sides and ramming of bottom, lift up to 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 soils).	650.00	cum	210.61	136896.5
2	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	10.00	cum	6044.26	60442.6
3	Brick work with FPS bricks of class designation 50 in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	10.00	cum	6340.65	63406.5
4	Steel work in 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.	141.00	kg	105.08	14816.28
5	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	61.43	sqm	104.18	6399.78
6	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :Of area 3 sq. metres and below	10.00	each	211.51	2115.1
7	Demolishing cement concrete manually / by mechanical means including disposal of materials within 50m lead as per direction of Engineer-in-charge: 1:3:6 or richer mix.	4.00	cum	1364.11	5456.44
8	Cement concrete flooring 1:2:4 (1cement : 2coarse sand : 4graded 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.	100.00	sqm	450.25	45025

9	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.	100.00	sqm	30.90	3090
10	12 mm cement plaster of mix : 1:6 (1cement: 6fine sand)	150.00	sqm	206.27	30940.5
11	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	15.00	cum	6599.52	98992.8
12	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	50.00	sqm	271.12	13556
13	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	3.00	cum	1153.46	3460.38
14	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	20.00	metre	259.28	5185.6
15	Distempering 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 : Old work (one or more coats).	1000.00	sqm	42.88	42880
16	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work	200.00	sqm	63.88	12776
17	Finishing walls with water proofing cement paint of required shade: Old work (one or more coats applied @ 2.20 kg / 10 sqm) over priming coat of primer applied @ 0.80 litres / 10 sqm complete including cost of priming coat.	1000.00	sqm	68.70	68700
18	White washing with lime to give an even shade: Old work (two or more coats).	1000.00	sqm	13.90	13900
19	Colour washing one coat over old surface with approved quality of lime in approved shade including.	1000.00	sqm	22.73	22730

20	Providing and fixing precoated 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.	27.00	sqm	763.33	20609.91
21	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.	100.00	sqm	123.32	12332
22	Cleaning grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	1000.00	100 sqm	5.02	50.2
23	Providing and fixing white vitreous china water closet squatting pan (Indian type) : Orissa pattern W.C. pan of size 580x440 mm (CPWD DSR'14, Item No. 17.13.2)	1.00	each	2321.31	2321.31
24	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan.	1.00	each	1961.25	1961.25
25	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap (CPWD DSR'14, Item No. 17.7.4)	2.00	each	2163.25	4326.5
26	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. 10 litre capacity - White	2.00	each	1025.20	2050.4

27	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge. External work : 20 mm nominal outer dia Pipes	50.00	metre	238.18	11909
28	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge. External work : 25 mm nominal outer dia Pipes.	30.00	metre	305.63	9168.9
29	Providing and fixing PTMT bib cock of approved quality and colour: 15 mm nominal bore, 86 mm long weighing not less than 88 gms.	10.00	each	102.32	1023.2
30	Providing hoisting and fixing up to floor five level pre-cast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the likes including the cost of required centering and shuttering finishing smooth with 6mm thick cement plaster 1:3 (1cement: 3fine sand) on exposed surfaces but excluding the cost of reinforcement with 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20mm nominal size).	0.42	cum	8380.64	3519.87
31	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position complete: Thermo Mechanically Treated bars.	33.60	kg	89.79	3016.94
32	Supplying labours, tools and tackles for cleaning filled and choaked man hole, septic tank, inspection-chamber, gullay pits, sewerage tank etc. in all lift and disposal of spoils upto a lead of 50M all complete as per specification and direction of Engineer-in-charge.	6.48	cum	1169.85	7580.63
33	Welding by gas or electric plant including transportation of plant at site etc. complete.	2000.00	cm	3.54	7080

34	Deployment 01 (one) Sweeper (Unskilled manpower for day to day maintenance works related with plumbing works in General shift as per instruction of Engineer-in-charge	313.00	Day	585.40	183230.2
		Total			920949.79
		ADD GST			165770.9622
		Gross Amount			1086720.752