

	SITE : SECONDARY CHANGE ROOM ON GROUND FLOOR & CANTEEN ON FIRST FLOOR				
	R.D.P.L. ROAD NO. 12, V.K.I.A. JAIPUR				
Sr.No	Item Description	Quantity	Unit	Rate	Amount (Rs.)
UPTO PLINTH & D.P.C. LEVEL					
1	SITE CLEARANCE & CHIESLING OF STONE PILLARS OF EXISTING BUILDING PROJECTING OUT		L.S.		
	Total Amount Rs.				
2	EARTH WORK				
a	Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual means in foundation trenches (not exceeding 1.5 m in width) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including taking out the excavated soil and depositing and refilling of jhiri with watering / ramming and disposal of surplus excavated soil as directed with in a lead of 100 meter.In All kinds of soil	281.37	cu.m		
b	Filling in plinth with excavated surplus sand under floor including watering / ramming / consolidating & dressing complete in all respect. excluding cost of sand.	89.69	cu.m		
c	Supplying & Filling in plinth with river sand under floor including watering, ramming, consolidating & dressing complete in all respect. including cost of sand.	203.80	cu.m		
	Total Amount Rs.				
3	PCC				
	Providing and laying in position cement concrete including curing, compaction with vibrator etc. excluding the cost of centering / shuttering & reinforcement in 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	57.30	cu.m		
	Total Amount Rs.				
4	SHUTTERING WORK-				
a	Centerring & shuttering with plywood or steel plates including strutting ,propping bracing both ways and removal of formwork for foundation rafts,footings,strap beams etc. upto dpc level.	74.07	sq.m		
b	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for plinth beams.	70.00	sq.m		
c	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for Columns.	16.81	sq.m		
	Total Amount Rs.				
5	REINFORCEMENT				
	Providing and fabricating reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding (including cost of binding wire) complete in all respect.	4517.61	KG		
	Total Amount Rs.				
6	CEMENT CONCRETE WORK IN FOUNDATION / COLUMNS / D.P.C.				
a	Providing & laying in position specified grade of reinforced cement concrete including curing,compaction with vibrator,finishing with rendering in cement,sand mortar,1:3,(1 Cement :3 Coarse sand) excluding the cost of centering / shuttering & reinforcement. All works upto dpc level.:1:1:2(1 cement; 1:coarse sand; 2 graded stone aggregate 20 mm nominal size) ,Or M-25 Nominal mix. in foundations.	32.26	cu.m		

b	Providing & laying in position specified grade of reinforced cement concrete including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement : 3 coarse sand) excluding the cost of centering / shuttering & reinforcement. 1:1:2 (1 cement : 1 coarse sand : 2 graded stone aggregate 20 mm nominal size) Or M-25 Nominal mix in columns.	1.88	cu.m		
c	Providing & laying in position specified grade of reinforced cement concrete including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement : 3 coarse sand) excluding the cost of centering / shuttering & reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stones aggregate 20 mm nominal size) Or M-20 Nominal mix in D.P.C beams.	14.58	cu.m		
Total Amount Rs.					
7 SOLING & P.C.C. UNDER FLOORS					
a	Providing & doing 150mm thick stone soling ,under the floors with crushed stone having average size of 150 mm (Non BSR)	38.00	cu.m		
b	Providing & doing 75mm thick P.C.C. M-10 grade nominal mix 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) over 150 mm thick soling	19.00	cu.m		
Total Amount Rs.					
8 SUB STRUCTURE MASONRY					
	Random Rubble stone masonry with hard stone in foundation upto plinth (above 30 CM thick walls) in: Cement sand Mortar 1:6 (1-Cement : 6 coarse sand) including curing.	76.63	cu.m		
Total Amount Rs.					
9 ANTITERMITE TREATMENT -					
	Providing and injection chlopyrifous emulsifiable concrete 20% with 1% concentration for pre constructional anti termite treatment as per IS:6313, part-3rd, as ammended from time to time and creating a contineous chemical barriers and around the columns pit ,wall, trenches, top surface of plith filling junction of wall & floor along the external perimeter of the building, expansion joints over the top surface of consolidated earth of which approach is to be laid surrounding of pipes & conduits etc. complete as per specification (plinth floor area only, shall be measured for payment) (Non BSR)	484.55	sq.m		
Total Amount Rs.					
GROUND FLOOR (ABOVE D.P.C. LEVEL)					
10 SUPER STRUCTURE MASONRY -					
a	115 mm Brick work with F.P.S. bricks of class designation 75 in super structure above plinth level in all shapes and sizes in Cement mortar 1 : 4 (1 cement : 4 coarse sand) including curing & racking joints both side.	36.85	cu.m		
b	230mm Brick work with F.P.S. bricks of class designation 75 in super structure above plinth level in all shapes and sizes in Cement sand mortar 1 : 6 (1 cement : 6 coarse sand) including curing & racking joints both side.	36.96	cu.m		
Total Amount Rs.					

11	SHUTTERING WORK IN COLS / BENDS IN BRICK WORK / LINTELS / BEAMS / SLAB / CHAJJA / PROJECTIONS ETC.				
a	Centering & shuttering with plywood or steel plates including strutting, propping bracing both ways with steel props and removal of formwork upto floor level for :Columns.	76.39	sq.m		
b	Centering & shuttering with plywood or steel plates including strutting, propping bracing both ways with steel props and removal of formwork for Lintels,Bend in brick work, Beams, roofs, staircases, Landings, balconies,cantilevers etc.	413.00	sq.m		
Total Amount Rs.					
12	REINFORCEMENT				
	Providing and fabricating reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding (including cost of binding wire) complete in all respect.	9423.17	KG		
Total Amount Rs.					
13	CEMENT CONCRETE WORK IN COLUMNS / BENDS IN BRICK WORK / LINTELS / BEAMS / SLAB				
a	Reinforced cement concrete work in walls & Lintels upto floor level (any thickness & size) including curing, compaction, finishing with rendering. cement sand mortar 1:1.5:3 (1 cement :1.5 coarse sand :3 graded stone aggregate 20 mm nominal size) Or M-20 Nominal mix. complete in all respect.	2.79	cu.m		
b	Reinforced cement concrete work in columns upto floor level including curing, compaction with vibrator, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) in 1:1:2 (1 cement : 1 coarse sand: 2 graded stone aggregate 20mm nominal size) or M-25 nominal mix	9.64	cu.m		
c	Reinforced cement concrete work in beams, roofs, balconies, chajjas, staircases, landings including curing compaction with needle & plate vibrators,finishing with rendering in cement sand mortar 1:3(1 cement :3 coarse sand), :with 1:1.5:3 (1 cement: 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size) Or M-20 Nominal mix	74.02	cu.m		
Total Amount Rs.					
14	PLASTERING-WALLS & CEILING				
a	Plaster on new surface in cement sand mortar 1:4 including racking of joints etc.12mm thick in plumb fine finish including curing. on ceiling & beams complete in all respect	390.00	sq.m		
b	Plaster on new surface in cement sand mortar 1:6 including racking of joints etc. 20mm thick in plumb fine finish including curing. On walls & columns Complete in all respect.	600.00	sq.m		
c	Making 50x50mm coving in all vertical / horizontal corners. Complete in all respect.	50.00	r.m.		
Total Amount Rs.					
15	FLOORING & DADO				
a	Kota stone flooring ready size 550X550X25 mm thick laid over 35 mm (average) thick base and jointed with grey cement slurry including gridding, rubbing and granite polishing complete in all respect. (base of cement mortar 1 cement : 4 coarse sand). leaving 4x4mm groove for epoxy compound in 2.4m wide common corridor only.	33.00	sq.m		
b	providing & fixing 50x50mm granite polished kota stone coving flushed with plaster & kota floor. Complete in all respect. In 2.4m wide common cooridor only.(NON BSR)	24.80	r.m		

c	Providing & Fixing premium quality double charged nano finish vitrified tiles 800X800X10mm thick on floor, skirting etc of approved make & design laid on 35 mm thick CM 1 : 4 including grouting the joints with matching tile grout complete in all respect. (NON BSR)	253.00	sq.m		
d	Providing and fixing premium quality ceramic glossy / mat wall tiles 300X600 of approved make & design in cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry including pointing with matching tile grout of approved make. complete in all respect. (NON BSR)	500.00	sq.m		
e	Providing and fixing Granite stone slab mirror polished and machine cut edge on walls, pillars, steps, Sills Counters, Floors etc. laid on 35 mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement & pigment to match the shade of granite slab above 1500 Cm2 complete in all respect.	130.50	sq.m		
f	Providing & laying in the joints of Kota stone floor epoxy compound (resin, hardner & pigment) 4mm wideX4mm deep.	32.00	rm		
Total Amount Rs.					
16 FALSE CEILING & P.O.P					
a	Providing & fixing L / Main-at 600mm c/c / Cross-at 230mm c/c / hangers of GI sheet 24 guage covered with heavy murga jali & finished with super fine pop in water level. Complete in all respect. (NON BSR)	230.00	sq.m		
b	Providing & fixing 0.5mm thick steel skin both sides 50mm thick false ceiling. Colour can be grey / white. with rockwool core material ceiling panel In common passage area non conductive panel surrounded by 0.8mm gi sheet metal frame to prevent dust accumulation. panel with intermediate joint aluminium extrusion cross Tee / aluminium main grid Tee including cutout with reinforcement for lighting fixtures & air supply grill. system not capable for walking. (NON BSR)	33.00	sq.m		
c	Providing & applying super fine plaster of paris over cement plaster surface in water level & plumb in all internal walls & ceiling (where no tile work & false ceiling is done) Complete in all respect. (NON BSR)	301.50	sq.m		
Total Amount Rs.					
17 PAINTING					
	Wall / Ceiling painting over pop surface with washable mat finished oil paint 3 to 4 coats of approved brand and manufacture to give an even shade including all scaffolding. preparation of base with primer, putty, lippy etc complete in all respect. (NON BSR)	531.50	sq.m		
Total Amount Rs.					
18 GMP DOORS / WINDOWS / VENTS					
a	Providing & fixing M.S. Powder coated doors shutters with chaukhats blue / grey white / ivory white. The core material can be puff, rock wool, polystyrene, honeycomb including tempered view glass & all hardware like hinges, handles, door stoppers, door buffers, door closers or floor machine (if required) mortice lock etc. confirming to GMP norms as per drg. (NON BSR)	54	sq.m		
b	Providing & fixing M.S. powder coated windows & vents with double layer 6mm plain glass & all hardware. confirming to GMP norms as per drg. (NON BSR)	32.4	sq.m		
Total Amount Rs.					
19 STAINLESS STEEL RAILING					
	Providing & fixing 850mm high s.s. railing in 304 grade as per design / drawing & instructions at site. in main & fire escape staircase (NON BSR)	30.20	r.m.		
Total Amount Rs.					

FIRST FLOOR					
1	SUPER STRUCTURE MASONRY				
a	115 mm Brick work with F.P.S. bricks of class designation 75 in super structure in all shapes and sizes in Cement mortar 1 : 4 (1 cement : 4 coarse sand) including curing & racking of joints both side.	11.37	cu.m		
b	230mm Brick work with F.P.S. bricks of class designation 75 in super structure in all shapes and sizes in Cement sand mortar 1 : 6 (1 cement : 6 coarse sand) including curing & racking of joints both side.	44.14	cu.m		
Total Amount Rs.					
2	SHUTTERING WORK IN COLS / BENDS IN BRICK WORK / LINTELS / BEAMS / SLAB / CHAJJA / PROJECTIONS ETC.				
a	Centering & shuttering with plywood or steel plates including strutting, propping bracing both ways with steel props and removal of formwork upto floor level for :Columns.	76.28	sq.m		
b	Centering & shuttering with plywood or steel plates including strutting, propping bracing both ways with steel props and removal of formwork for :Lintels, Bends in brick work, Beams, roofs, staircases, Landings, balconies,cantilevers etc.	422.00	sq.m		
Total Amount Rs.					
3	REINFORCEMENT				
	Providing and fabricating reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding (including cost of binding wire) complete in all respect.	9225.74	KG		
Total Amount Rs.					
4	CEMENT CONCRETE WORK IN COLUMNS / BENDS IN BRICK WORK / LINTELS / BEAMS / SLAB				
a	Reinforced cement concrete work in walls & Lintels upto floor level (any thickness & size) including curing, compaction, finishing with rendering. In 1:1.5:3 (1 cement : 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size) Or M-20 Nominal mix complete in all respect.	2.79	cu.m		
b	Reinforced cement concrete work in columns upto floor level including curing, compaction with vibrator, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) in 1:1:2 (1 cement : 1 coarse sand: 2 graded stone aggregate 20mm nominal size) or M-25 nominal mix	12.13	cu.m		
c	Reinforced cement concrete work in beams ,,roofs ,balconies ,chajjas ,staircases, landings including curing compaction with needle & plate vibrators,finishing with rendering in cement sand mortar 1:3(1 cement :3 coarse sand), :with 1:1.5:3 (1 cement: 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size) Or M-20 Nominal mix	71.62	cu.m		
Total Amount Rs.					
5	PLASTERING -WALLS, CEILING & COVING IN CEMENT MORTAR				
a	Plaster on new surface in cement sand mortar 1:4 including racking of joints etc.12mm thick in plumb fine finish including curing. On slab & beams Complete in all respect	406.00	sq.m		
b	Plaster on new surface in cement sand mortar 1:6 including racking of joints etc. 20mm thick in plumb fine finish including curing. On walls & columns Complete in all respect.	332.73	sq.m		
c	Making fine finish 50x50mm coving in all vertical / horizontal corners complete in all respect. (NON BSR)	124.86	r.m.		
Total Amount Rs.					

6	FLOORING & DADO				
a	Kota stone flooring ready size 550X550X25 mm thick laid over 35 mm (average) thick base and jointed with grey cement slurry including gridding, rubbing and granite polishing complete in all respect. (base of cement mortar 1 cement : 4 coarse sand).	270.00	sq.m		
b	kota stone skirting 100mm high granite polished projecting 6mm from plaster surface.	125.00	r.m		
c	Providing and fixing premium quality ceramic glossy / mat wall tiles 300X600 of approved make & design in cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry including pointing with matching tile grout of approved make. complete in all respect. 900mm high in canteen area & 600mm above platform in kitchen area.	95.00	sq.m		
d	Providing and fixing Granite stone slab mirror polished and machine cut edge on Counters, Floors etc. laid on 25 mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement & pigment to match the shade of granite slab above 1500 Cm2 size complete in all respect.	20.00	sq.m		
	Total Amount Rs.				
7	P.O.P. ON WALLS & CEILING				
	Providing & applying super fine plaster of paris over cement plaster surface in water level & plumb in all internal walls & ceiling (where no tile work is done) Complete in all respect. (NON BSR)	595.00	sq.m		
	Total Amount Rs.				
8	PAINTING				
a	Ceilling / Wall painting with washable mat finished oil paint 3 to 4 coats of approved brand and manufacture to give an even shade including all scaffolding. preparation of base with primer, putty, lippy etc complete in all respect. (NON BSR)	595.00	sq.m		
	Total Amount Rs.				
9	POWDER COATED ALUMINIUM & GLASS DOORS / WINDOWS / VENTS.				
a	Providing & fixing Aluminium Powder coated door shutters in 80x45mm section with chaukhats in 100x45mm ivory / white.as per drg with all hardware like hinges, handles, door stoppers, door buffers, door closers or floor machine (if required) mortice lock etc & 6mm plane glass. (NON BSR)	18.00	sq.m		
b	Providing & fixing Aluminium powder coated window & vent, shutters in 50x25mm section with chaukhats in 100x45mm with 6mm plain glass, locking system & handles etc. complete in all respect. (NON BSR)	35.00	sq.m		
	Total Amount Rs.				

10	WATER PROOFING IN KITCHEN AREA				
	<p>Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying :</p> <p>a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proffing cement compound @ 0.253 kg/sqm.</p> <p>b) laying second layer of Fiber glass cloth when the first layer is still green . Overlaps of joints of fiber cloth should not be less than 10 cm .</p> <p>c) Third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proffing 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 30cm on parapet wall and tucked into groove in parapet all around</p> <p>d) fourth and final layer of brick tiling 'with cement mortar or any other approved protective coase. (which will be paid for separately) For the purpose of measurement the entire treated surface will be measured</p>	60.00	sq.m		
	Total Amount Rs.				
TERRACE FLOOR					
1	BRICK WORK IN PARAPET WALL				
	230mm Brick work with F.P.S. bricks of class designation 75 in superstructure in all shapes and sizes in Cement sand mortar 1 : 6 (1 cement : 6 coarse sand) including curing & racking joints both sides.	4.30	cum		
	Total Amount Rs.				
2	TAPER CHAJJAS & DESIGN WORK				
	making taper chajjas & cement design work as per existing building. (NON BSR)	55.00	sqm		
	Total Amount Rs.				
3	C.C. PILLARS & CEMENT JALI				
	Providing,hoisting & fixing precast cement concrete Jali 1:2:4,(1-cement,2-sand,& 4-coarse aggergate-6 mm nominal size)reinforced with 1.6 mm dia. Mild steel wire including centering,& shuttering,roughening,cleaning,fixing & finishing in cement mortar 1:3(1-cement,3-fine sand)etc. complete as per approved design excluding plastering of jambs,sills & soffits.50 mm	26.91	sqm		
	Total Amount Rs.				
4	GRADING COURSE				
	Providing & Laying cement concrete including curing,compaction etc.complete on slab with 1:1.5:3/M-20,(1 cement ; 1.5 sand ; 3 coarse aggregate)as grading(Average thickness 75 mm)	22.15	cum		
	Total Amount Rs.				
5	MOSAIC TILES				
	Providing & Fixing branded & approved make 1st quality 250x250mm mosaic tiles in grey cement laid over 35mm thick base (av) 1:4 cement mortar with griding & ordinary polishing. Complete in all respect.	290.63	sq.m		
	Total Amount Rs.				

6	WATER PROOFING				
	<p>Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying :</p> <p>a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proffing cement compound @ 0.253 kg/sqm.</p> <p>b) laying second layer of Fiber glass cloth when the first layer is still green . Overlaps of joints of fiber cloth should not be less than 10 cm .</p> <p>c) Third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proffing 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 30cm on parapet wall and tucked into groove in parapet all around</p> <p>d) fourth and final layer of brick tiling with cement mortar or any other approved protective coarse. (which will be paid for separately) For the purpose of measurement the entire treated surface will be measured</p>	290.36	sq.m		
	Total Amount Rs.				
7	PLASTER INSIDE PARAPET WALLS				
	Plaster on new surface of walls in cement sand mortar 1:6 including racking of joint etc. 20mm thick fine finish including curing. Complete in all respect.	53.97	sq.m		
	Total Amount Rs.				
8	EXTERNAL PLASTER				
	External Plaster on new surface of walls in cement sand mortar 1:4 including racking of joints etc. 20mm thick fine finish including curing. Complete in all respect	489.10	sq.m		
	Total Amount Rs.				
9	KOTA STONE FLOORING ON LEFT SIDE OF SECONDARY CHANGE ROOM				
a	Providing & doing 150mm thick stone soling ,under the floor with crushed stone having average size of 150 mm (Non BSR)	20.00	cu.m		
b	Providing & doing 75mm thick P.C.C. M-10 grade nominal mix 1:3:6 (1 cement : 3 coarse sand :6 graded stone aggregate 20mm nominal size)over 150 mm thick soling	10.00	cu.m		
c	Kota stone flooring ready size 550X550X25 mm thick with white marble pattern laid over 35 mm (average) thick base and jointed with grey cement slurry including griding, rubbing and granite polishing. (base of cement mortar 1 cement : 4 coarse sand). & 100 mm high granite polished skirting. complete in all respect.	130.00	sq.m		
	Total Amount Rs.				

10	EXPANSION JOINT				
	Supplying & Applying two components poly sulphide sealent containing solid contents,confirming to standard specification & approved compatible primer,for primming vertical faces prior to application of poly sulphide sealent including all labour charges for sealing of expansion joints after drill mixing of two components sealing compound.Cleaning & preparation of expansion joints using wire brush sand papering with emery paper & filling with suitable mechanical means.The work includes racking & cleaning of joints,stickng,debonding tape on bottom of joint,apply primer on edge,proving of sealent & removal of masking tape immediatelyafter providing sealent in Joints.To vertical joints between RCC column,brick & stone masonry in size 40 mm width and 12 mm depth ,including providing back up material(Thermocol foam)if required	15.00	r.m		
	Total Amount Rs.				
11	EXTERIOR PAINT ACE / APEX / WEATHER SHIELD				
	Wall painting with approved brand and manufacture to give an even shade including all scaffolding. 3 to 4 coats on new work including preparation of base with 2 coats of Birla putty, primer, lippy etc complete in all respect.	542.93	sq.m		
	Total Amount Rs.				
12	METALLIC ARCHED ROOF				
	Providing & fixing colour coated aluminium-zink alloy sheet (galvalume) of ASTM -A792, grade D, coating - AZ150 thickness BMT 0.90mm TCT 0.97mm including all hangers, fastners. Complete in all respect.	150.00	sq.m		
	Total Amount Rs.				
13	AIR CONDITIONING				
a	Providing / fixing & making jhiri in brick wall / cement concrete for 15mm & 6mm copper pipe with 12mm thick insulation along with 20mm cpvc drain pipe & 4 core 2.5sq mm electric cable for 1.5 ton to 2.0 ton AC units. (NON BSR)	20.00	r.m		
b	Providing / fixing & making jhiri in brick wall / cement concrete for 18mm & 9mm copper pipe with 20mm thick insulation along with 25mm cpvc drain pipe & 4 core 2.5sq mm electric cable for 2.5 ton to 3.0 ton AC units. (NON BSR)	60.00	r.m		
	Total Amount Rs.				
	GRAND TOTAL				

25000.00
183623.93
131045.10
66217.74
311715.09
231039.27
145799.24
150731.21
111446.50
248545.22
188294.60
650198.73
320179.65
143502.09
998130.90
427625.00
50509.89
410400
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9285
85670.00

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