		ESTIMATE FOR ANNEXY A	AT SCII	NDIA K	(ANYA	VIDY	ALAYA			
S.No	SOR No.	Description	Nos	L	В	Н	Total	Unit	Rate	Amount
		Earth work in excavation by								
		mechanical means (Hydraulic								
		excavator) / manual means over								
		areas (exceeding 30cm in depth.								
		1.5m in width as well as 10 sqm on								
		plan) including dressing of sides								
1	2.6	and ramming of bottom disposal								
		of excavated earth, lead up to 50m								
		and lift up to 1.5m, disposed earth								
		to be levelled and neatly dressed.								
		(No extra lift is payable if work is								
		done by mechanical means) All								
		kinds of soil								
		COLUMN	6	1.5	1.5	1.5	20.25			
						Total	20.25	CUM	129	2612
		Providing and laying in position								
		cement concrete of specified								
2	4.1	grade excluding the cost of								
		centering and shuttering - All work								
		upto plinth level :								
	4.1.2.2	M-10 Nominal (Mix -1 Cement : 3								
	4.1.2.2	sand : 6 graded stone aggregate)								
		COLUMN	6	1.5	1.5	0.1	1.35			
		ROOM	1	5.3	10	0.1	5.3			
						Total	6.65	сим	3808	25323
		Reinforcement for R.C.C. work								
		including straightening, cutting,								
		bending, placing in position and								
	F 46	binding including cost of binding								
3	5.16	wire all wastages and overlaps,								
		couplers (overlaps shall be								
		provided as per requirement of IS								
		13920 for ductile detailing S 456								
		RCC Design & SP 34 Reinforcement								
		detailing) etc. complete .								
	F 40 0	Thermo-Mechanically Treated								
	5.16.6	bars.FE 500 D or more conforming								
		to IS 178	4	8	1.58	10	FOF C			
		Column 0.23cm*0.45cm	4	ŏ	1.58	10	505.6	ш		

		RING	4	70	0.4	1.2	132.7			
		Column 0.23cm*0.30cm	2	6	0.4	1.2	106.8			
		RING	2	70	0.89		55.3			
\vdash			6	20	0.4	1				
		MESH	0	20	0.62	1.5	111.6	1/6	00	72062
						Total	912	KG	80	72962
		Centering and shuttering in cluding								
4	5.9									
4	5.9	strutting, propping etc. and removal of form for:								
		Foundations, footings, bases of								
	5.04									
	5.9.1	columns, etc. for concrete upto								
-		plinth level		1.4		0.2	10.00			
		FOOTING	6	1.4	4	0.3	10.08	6004	100.6	4024
						Total	10.08	SQIVI	190.6	1921
-+		Providing and laying in position								
		specified grade of reinforced								
		cement concrete (with 20mm								
		nominal size graded stone								
5	5.1	aggregate) excluding the cost of								
		centering, shuttering, finishing and								
		reinforcement - All work up to								
-		plinth level :					2.522			
	5.1.1	M-20 Grade Concrete	6	1.4	1.4	0.3	3.528	0110.0	64.50	24700
\vdash		Cantania a and abouttonia a in abouting				Total	3.528	CUM	6153	21708
		Centering and shuttering in cluding								
6	5.9	strutting, propping etc. and								
-		removal of form for:								
	5.9.6	Columns, Pillars, Piers,								
		Abutments, Posts and Struts	4		0.22	1	1.04			
		Column 0.23cm*0.45cm	4	2	0.23	1	1.84			
		Column 0.23cm*0.30cm	2	2	0.43	1	3.6 0.92			
		Coldilli 0.23CIII 0.30CIII	2	2	0.23	1	1.2			
					0.5	Total	7.56	SOM	471.2	3562
						. ota.	7.50	JQIVI	7/1.2	3302
$\vdash \vdash$				1						
ı		Providing and laying in position								
		Providing and laying in position specified grade of reinforced								
		specified grade of reinforced								
		specified grade of reinforced cement concrete (with 20mm								
7	5.1	specified grade of reinforced cement concrete (with 20mm nominal size graded stone								
7	5.1	specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the cost of								
7	5.1	specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and								
7	5.1	specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and reinforcement - All work up to								
7	5.1	specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and	4	0.23	0.45	1	0.414			

						Total	0.552	сим	6153	3396
						1000	0.332		0133	
		Random rubble masonry with hard								
		stone in foundation and plinth								
8	7.1	including leveling up with cement								
ľ	,	concrete 1:6:12 (1 cement :6 sand								
		: 12 graded stoneaggregate 20mm								
		nominal size) at plinth level with :								
		Cement mortar 1:6 (1 cement : 6								
	7.1.1	sand)	1	15	0.6	1	9			
					0.0	Total	9	сим	4147	37323
						Total		CO.V.	717/	37323
		Reinforcement for R.C.C. work								
		including straightening, cutting,								
		bending, placing in position and								
		binding including cost of binding								
9	5.6	wire all wastages and overlaps,								
	0.0	couplers (overlaps shall be								
		provided as per requirement of IS								
		13920 for ductile detalingIS 456								
		RCC Design & SP 34 Reinforcement								
		detailing) etc. complete .								
		Thermo-Mechanically Treated								
	5.16.6	bars.FE 500 D or more conforming								
		to IS 178								
		Plinth Beam approx 50m								
		TOP 12mm (2nos)	2	50	0.89	-	89			
		Bottom 16mm(2nos)	2	50	1.58	-	158			
		Bottom 12mm(1nos)	1	50	0.89	-	44.5			
		Ring 8mm	350	1.2	0.4	-	165.9			
						Total	210.4	сим	80	16832
		Centering and shuttering in cluding								
10	5.9	strutting, propping etc. and								
		removal of form for:								
	5.9.5	Lintels, beams, girders,								
		bressumers and cantilevers								
		Plinth Beam approx 50m	1	50	2	0.3	30			
						Total	30	SQM	356	10680

		Providing and laying in position								
		specified grade of reinforced								
		cement concrete (with 20mm								
11	5.1.1	nominal size graded stone								
		aggregate) excluding the cost of								
		centering, shuttering, finishing and								
		reinforcement - All work up to								
		plinth level :								
		Plinth Beam approx 50m	1	50	0.23	0.3	3.45			
						Total	3.45	CUM	6153	21228
		Centering and shuttering in cluding								
12	5.9	strutting, propping etc. and								
		removal of form for:								
	5.9.6	Columns, Pillars, Piers,								
	J.J.0	Abutments, Posts and Struts.								
		Column 0.23cm*0.45cm	4	2	0.23	3	5.52			
			4	2	0.45	3	10.8			
		Column 0.23cm*0.30cm	2	2	0.23	3	2.76			
			2	2	0.3	3	3.6			
						Total	22.68	SQM	471.2	10687
		Reinforced cement concrete work								
		(with 20mm nominal size graded								
		stone aggregate) in walls (any								
		thickness), including attached								
		pilasters, buttresses, plinth and								
13	5.2	string courses, fillets, columns,								
		pillars, posts and struts etc. above								
		plinth level and upto floor two								
		level excluding cost of centering,								
		shuttering, finishing and								
		reinforcement:								
	5.2.1	M-20 Grade Concrete								
		Column 0.23cm*0.45cm	4	0.23	0.45	3	1.242			
		Column 0.23cm*0.30cm	2	0.23	0.3	3	0.414			
						Total	1.656	SQM	6231	10319

Brick work with well burnt chimney bricks in bulls patent trench kiln manufactured by ghol process, crushing strength not less than 40 kg /cm2 and water absorption not more than 15% in superstructure above plinth level and up to floor two level 2			Duiale coade coith coall because		ı	1			1 1		
trench kiln manufactured by ghol process, crushing strength not less than 40kg /cm2 and water absorption not more than 15% in superstructure above plinth level and up to floor two level i/c curing etc. complete. 6.2.2 Cement mortar 1:6 (1 cement : 6 sand) OUTER WALL 2 6 0.23 3 8.28 OUTER WALL 2 6 0.23 3 8.28 Froviding half brick masonry with well burnt chimney bricks in bull patent trench kiln manufactured by ghol process crushing strength not less than 40 kg /cm2 and water absorption not more than 15% in superstructure above plinth level and up to floor two level. 6.12.2 Cement mortar 1:4 (1 cement : 4 sand) INNER WALL 1 1 38 3 3 114 INNER WALL 1 1 38 3 114 Centering and shuttering in cluding strutting, propping etc. and removal of form for: 5.9.3 Suspended floors, roofs, landings, balconies and access platform TOTAL AREA SLAB 1 5.9.5 Lintels, beams, girders, bressumers and cantilevers ROOF Beam approx 50m 2 5 0.23 5 0.23 5 23 6 6 6 6 0.23 3 8.28 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7											
14 6.2											
14 6.2 than 40kg /cm2 and water absorption not more than 15% in superstructure above plinth level and up to floor two level l/c curing etc. complete. Image: complete comp			, -								
absorption not more than 15% in superstructure above plinth level and up to floor two level. 6.2.2 Cement mortar 1:6 (1 cement : 6 sand) OUTER WALL 2 6 0.23 3 8.28 CUM 5821 48198 Providing half brick masonry with well burnt chimney bricks in bull patent trench kiln manufactured by ghol process crushing strength not less than 40 kg /cm2 and water absorption not more than 15% in superstructure above plinth level and up to floor two level. 6.12.2 Cement mortar 1:4 (1 cement : 4 sand) INNER WALL 1 38 3 114 6.12 Centering and shuttering in cluding strutting, propping etc. and removal of form for: 5.9.3 Suspended floors, roofs, landings, balconies and access platform TOTAL AREA SLAB 1 5.9.5 Lintels, beams, girders, bressumers and cantilevers ROOF Beam approx 50m 2 50 0.23 5 0.23 2 3 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			1								
superstructure above plinth level and up to floor two level i/c curing etc. complete. 6.2.2 Cement mortar 1:6 (1 cement : 6 sand) OUTER WALL 2 6 0.23 3 8.28 CUM 5821 48198 Providing half brick masonry with well burnt chimney bricks in bull patent trench kiln manufactured by ghol process crushing strength not less than 40 kg /cm2 and water absorption not more than 15% in superstructure above plinth level and up to floor two level. 6.12.2 Cement mortar 1:4 (1 cement : 4 sand) INNER WALL 1 38 3 114 Superior of form for: 5.9.3 Supended floors, roofs, landings, balconies and access platform TOTAL AREA SLAB 1 5.3 10 53 CUM 439.6 23299 TOTAL Speak approx 50m 2 50 0.23 2 23 CUM 5	14	6.2	_								
According to floor two level i/c curing etc. complete. Cement mortar 1:6 (1 cement : 6 sand)			•								
Section Sect			·								
6.2.2 Cement mortar 1:6 (1 cement : 6 sand)			-								
6.2.2 Sand)			etc. complete.								
Sand)		622	Cement mortar 1:6 (1 cement : 6								
15		0.2.2	sand)								
Providing half brick masonry with well burnt chimney bricks in bull patent trench kiln manufactured by ghol process crushing strength not less than 40 kg /cm2 and water absorption not more than 15% in superstructure above plinth level and up to floor two level. 6.12.2 Cement mortar 1:4 (1 cement : 4 sand) INNER WALL 1 38 3 114 Fotal 1 114 SQM 673 76722 Centering and shuttering in cluding strutting, propping etc. and removal of form for: 5.9.3 Suspended floors, roofs, landings, balconies and access platform TOTAL AREA SLAB 1 5.3 10 53 CUM 439.6 23299 17 5.9.5 Lintels, beams, girders, bressumers and cantilevers ROOF Beam approx 50m 2 50 0.23 23 6 6			OUTER WALL	2	6	0.23	3	8.28			
well burnt chimney bricks in bull patent trench kiln manufactured by ghol process crushing strength not less than 40 kg /cm2 and water absorption not more than 15% in superstructure above plinth level and up to floor two level. 6.12.2 Cement mortar 1:4 (1 cement : 4 s and) INNER WALL 1 38 3 114 Total 114 SQM 673 76722 Centering and shuttering in cluding strutting, propping etc. and removal of form for: 5.9.3 Suspended floors, roofs, landings, balconies and access platform TOTAL AREA SLAB 1 5.3 10 53 CUM 439.6 23299 17 5.9.5 Lintels, beams, girders, bressumers and cantilevers ROOF Beam approx 50m 2 50 0.23 23 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							Total	8.28	сим	5821	48198
well burnt chimney bricks in bull patent trench kiln manufactured by ghol process crushing strength not less than 40 kg /cm2 and water absorption not more than 15% in superstructure above plinth level and up to floor two level. 6.12.2 Cement mortar 1:4 (1 cement : 4 s and) INNER WALL 1 38 3 114 Total 114 SQM 673 76722 Centering and shuttering in cluding strutting, propping etc. and removal of form for: 5.9.3 Suspended floors, roofs, landings, balconies and access platform TOTAL AREA SLAB 1 5.3 10 53 CUM 439.6 23299 17 5.9.5 Lintels, beams, girders, bressumers and cantilevers ROOF Beam approx 50m 2 50 0.23 23 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0											
well burnt chimney bricks in bull patent trench kiln manufactured by ghol process crushing strength not less than 40 kg /cm2 and water absorption not more than 15% in superstructure above plinth level and up to floor two level. 6.12.2 Cement mortar 1:4 (1 cement : 4 s and) INNER WALL 1 38 3 114 Total 114 SQM 673 76722 Centering and shuttering in cluding strutting, propping etc. and removal of form for: 5.9.3 Suspended floors, roofs, landings, balconies and access platform TOTAL AREA SLAB 1 5.3 10 53 CUM 439.6 23299 17 5.9.5 Lintels, beams, girders, bressumers and cantilevers ROOF Beam approx 50m 2 50 0.23 23 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Providing half brick masonry with								
here the patent trench kiln manufactured by ghol process crushing strength not less than 40 kg /cm2 and water absorption not more than 15% in superstructure above plinth level and up to floor two level. 6.12.2 Cement mortar 1:4 (1 cement : 4 sand)			well burnt chimney bricks in bull								
15			•								
15 6.12 not less than 40 kg /cm2 and water absorption not more than 15% in superstructure above plinth level and up to floor two level. 6.12.2 Cement mortar 1:4 (1 cement : 4 sand) INNER WALL 1 38 3 114 Total 114 SQM 673 76722 6.12 Centering and shuttering in cluding strutting, propping etc. and removal of form for: 5.9.3 Suspended floors, roofs, landings, balconies and access platform TOTAL AREA SLAB 1 5.3 10 53 Total 53 CUM 439.6 23299 17 5.9.5 Lintels, beams, girders, bressumers and cantilevers ROOF Beam approx 50m 2 50 0.23 23 0											
Water absorption not more than 15% in superstructure above plinth level and up to floor two level.	15	6.12									
15% in superstructure above plinth level and up to floor two level.											
Ievel and up to floor two level.			•								
6.12.2 Cement mortar 1:4 (1 cement : 4 sand)			·								
INNER WALL 1 38 3 114			·	- 13							
Total 114 SQM 673 76722		6.12.2			20			444			
Centering and shuttering in cluding strutting, propping etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform TOTAL AREA SLAB 1 5.3 10 53 CUM 439.6 23299 Total 5.9.5 Lintels, beams, girders, bressumers and cantilevers ROOF Beam approx 50m 2 50 0.23 23			INNER WALL		38		\vdash		6004	672	76722
165.9strutting, propping etc. and removal of form for:Image: structure of the content of the conte							Total	114	SQM	6/3	/6/22
165.9strutting, propping etc. and removal of form for:Image: structure of the content of the conte											
165.9strutting, propping etc. and removal of form for:Image: structure of the content of the conte			Centering and shuttering in cluding								
removal of form for:	16	ΕO									
5.9.3 Suspended floors, roofs, landings, balconies and access platform 1 5.3 10 53 10 53 10 23299 232	10	5.9									
5.9.3 balconies and access platform	-										
TOTAL AREA SLAB 1 5.3 10 53 CUM 439.6 23299 17 5.9.5 Lintels, beams, girders, bressumers and cantilevers ROOF Beam approx 50m 2 50 0.23 23 23		5.9.3									
Total 53 CUM 439.6 23299			'	1	5.3	10		53			
17 5.9.5 Lintels, beams, girders, bressumers and cantilevers ROOF Beam approx 50m 2 50 0.23 23			10 THE MILE TO SERVE		3.5	 	Total		сим	439.6	23299
17 5.9.5 bressumers and cantilevers 0.23 2 ROOF Beam approx 50m 2 50 0.23 23						 			33.01	.55.0	
17 5.9.5 bressumers and cantilevers 0.23 2 ROOF Beam approx 50m 2 50 0.23 23			Lintels, beams, girders,								
The state of the s	17	5.9.5									
Total 23 CUM 356 8188			ROOF Beam approx 50m	2	50	0.23		23			
							Total	23	СИМ	356	8188

<u> </u>		<u></u>			1				1	
18	5.16.6	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire all wastages and overlaps, couplers (overlaps shall be provided as per requirement of IS 13920 for ductile detailingIS 456 RCC Design & SP 34 Reinforcement detailing) etc. complete . Thermo-Mechanically Treated bars.FE 500 D or more conforming to IS 178 ROOF Beam approx 50m TOP 12mm (2nos) Bottom 16mm(2nos)	2 2 2	50 50 50	0.89 1.58 0.89	-	89 158 44.5			
		Ring 8mm	350	1.2	0.4	_	165.9			
		King Omm	330	1.2	0.4		103.5			
		FOR SLAB	1	5.3	10	7.5	397.5			
		FOR SLAB		3.3	10	7.5	397.3			
						Total	397.5	KG	80	31800
\vdash						iotai	351.3	1.0	οU	21000
\vdash		Reinforced cement concrete work						\vdash		
19	5.3	(with 20 mm nominal size graded stone aggregate)inbeams, suspended floors, roofs having slope of any degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiralstaircases above plinth level and upto floor two level excluding the cost of centering, shuttering, finishing and reinforcement inconcrete grade								
	5.3.1	M-20 Grade Concrete								
		FOR Slab	1	5.3	10	0.11	5.83			
		ROOF Beam approx 50m	1	50	0.23	0.3	3.45			
						Total	9.28	сим	6541	60700
20	13.1	12 mm cement plaster of mix :								
	13.1.2	1:6 (1 cement : 6 sand)			1.5					
		SLAB	1	5.3	10	-	53			
						Total	53	SQM	160	8480

21	13.2	15 mm cement plaster on the rough sideof single or half brick wall of mix								
	13.2.2	1:6 (1 cement : 6 sand)								
		OUTER WALL	2	6	ı	4	48			
		INNER WALL	1	38	-	3	114			
						Total	114	SQM	168	19152
22	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or dash fastener shall be paid for separately)								
	9.1.1	Second class teak wood								
		4 gate	4	0.13	0.08	5.5	0.22			
						Total	0.22	CUM	90618	19936

						Total	6.32	SQM	4000	4348U
			2	1	1	Total	2	SONA	4000	25280
			2	1.8	1.2		4.32			
25	/larket Rat	Aluminium Window								
							-			
		7 Butc	7			Total	4	nos	3000	12000
۷4	narket hat	4 gate	4				4			
24	/larket Rat	DOOR Accessories								
						TOTAL	10.08	3QIVI	1200	1303/
		4 gate	4	1.2	2.1	Total		SONA	1968	19837
		appropriate places	4	1 2	2.1		10.08			
		hardware will be pasted at								
		Stickers indicating the locations of								
		necessary hardware and fixtures.								
		of Engineer-in- charge to take up								
		requiredspecification and direction								
		reinforcements as per								
		with special polymeric								
		Door shutter shall be reinforced								
		end-cap of the size 25mmx11mm.								
		of the shutter are covered with an								
		foam. The Top and Bottom edges								
		with High Density Polyurethane								
23	9.101	the door shutter should be filled								
23	9.161	the hinge side of the door. Core of								
		mm (± 0.1mm) is inserted along								
		dimension 19mm x 19mm and 1.0								
		25mm. An M.S. tube having								
		ensure the overall thickness of								
		provided on both vertical edges to								
		foam end cap of size 23x10mm are								
		thicknessof 1mm (± 0.3mm). PVC								
		requirement with an average wall								
		762mmx25mm or less as per								
		extruded PVC section of the size of								
		of a one pieceMulti chamber								
		Providing and fixing 25mm thick PVC flush door shutters made out								

		7						1		
26	11.53	Providing and laying Antiskid floor tiles of any sizes, 12 mm thickness 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 sand) including grouting the joints with white cement with matching pigments etc., complete								
		for washroom	3	1.5	2.5		11.25			
						Total	11.25	SQM	880	9900
27	11.5	Providing and fixing Ceramic glazed wall tiles 300x450 mm or more (having thickness 6 to 7 mm) of 1st quality conforming to IS: 15622 of approved make in all Colours& shades, except burgundy, bottle green, black laid on 12mm thick bed of Cement Mortar 1:3 (1 Cement: 3 sand)preprad same day when mortar is still green jointed with grey cement slurry @3.3 kg per sqm including pointing the joints with white cement and matching pigments etc., complete.	6	1.5	2.4		21.6			
		for washroom			2.4		21.6			
			6	2.5	2.4	Takal	36	6014	776	44600
						Total	57.6	SQM	776	44698
28	11.78	Providing and laying vitrified floor tiles Multi/Double charged (Minimum top layer thickness 2.0mm) Neno Polished self design, in different size with water absorption less than0.05% and conforming to IS:15622 of approved make in all colours& shades, quality/ premium quality in flooring laid on 12mm thick cement mortar 1:4(1cement :4sand) including grouting the joints with white cement and matching pigments etc. complete								

	11.78.1	In light shade glossy/ rustic /stain finishe								
	11.78.1.1	Size 600X600 mm thickness 9-10 mm								
		Total Area	1	6	10		60			
						Total	60	SQM	1104	66240
29	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand over the plastered wall								
		surface to prepare the surface even and smooth i/c all cost of material, labour and scaffold etc in all position complete.								
		SAME AS PLASTER					167			
						Total	167	SQM	74	12358
30	13.52	Finishing walls by any mechanical or manual means with Acrylic Smooth exterior paint (Economy Exterior) of required shade including all scaffolding. New work (Two or more coat applied @1.67ltr/10sqm over and including one coat undiluted exterior waterproofing coating @2.39 litre/10 sqm with crack bridging ability of upto 0.5mm on horizontal surfaces with an elongationof 150% and water proofing of upto 3 bars on vertical surfac				Total	167 167	SQM	138	23046
						1000		J		
		For First Floor								
31	5.9	Centering and shuttering in cluding strutting, propping etc. and removal of form for:								
	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts.								
		Column 0.23cm*0.45cm	4	2	0.23	3	5.52			
			4	2	0.45	3	10.8			
		Column 0.23cm*0.30cm	2	2	0.23	3	2.76			
			2	2	0.3	3	3.6			

		Ī		ı	<u> </u>	T-4-1	22.60	lcon a	474.2	10007
						rotai	22.68	SQIVI	4/1.2	10687
		Reinforced cement concrete work								
		(with 20mm nominal size graded								
		stone aggregate) in walls (any								
		thickness), including attached								
		pilasters, buttresses, plinth and								
32	5.2	string courses, fillets, columns,								
		pillars, posts and struts etc. above								
		plinth level and upto floor two								
		level excluding cost of centering,								
		shuttering, finishing and								
		reinforcement:								
	5.2.1	M-20 Grade Concrete								
		Column 0.23cm*0.45cm	4	0.23	0.45	3	1.242			
		Column 0.23cm*0.30cm	2	0.23	0.3	3	0.414			
						Total	1.656	SQM	6231	10319
		Brick work with well burnt								
		chimney bricks in bulls patent								
		trench kiln manufactured by ghol								
		process ,crushing strength not less								
33	6.2	than 40kg /cm2 and water								
		absorption not more than 15% in								
		superstructure above plinth level								
		and up to floor two level i/c curing								
		etc. complete.								
	C 2 2	Cement mortar 1:6 (1 cement : 6								
	6.2.2	sand)								
		OUTER WALL	2	6	0.23	3	8.28			
						Total	8.28	CUM	5821	48198
		Providing half brick masonry with								
		well burnt chimney bricks in bull								
		patent trench kiln manufactured								
		by ghol process crushing strength								
34	6.12	not less than 40 kg /cm2 and								
		water absorption not more than								
		15% in superstructure above plinth								
		level and up to floor two level.								
		·								
$\vdash \vdash$	6.12.2	Cement mortar 1:4 (1 cement : 4 sa						\sqcup		
\longmapsto		INNER WALL	1	38		3 Total	114	505.6	C72	76733
						Total	114	SQM	673	76722
$\vdash \vdash$										
				<u> </u>				Щ		

		Centering and shuttering in cluding			1					
35	5.9									
35	5.9	strutting, propping etc. and								
-		removal of form for:								
	5.9.3	Suspended floors, roofs, landings,								
		balconies and access platform								
		TOTAL AREA SLAB	1	5.3	10		53			
						Total	53	сим	439.6	23299
36	5.9.5	Lintels, beams, girders,								
	<u> </u>	bressumers and cantilevers								
		ROOF Beam approx 50m	2	50	0.23		23			
						Total	23	сим	356	8188
		Reinforcement for R.C.C. work								
		including straightening, cutting,								
		bending, placing in position and								
		binding including cost of binding								
37	5.16	wire all wastages and overlaps,								
		couplers (overlaps shall be								
		provided as per requirement of IS								
		13920 for ductile detalingIS 456								
		RCC Design & SP 34 Reinforcement								
		detailing) etc. complete .								
		Thermo-Mechanically Treated								
	5.16.6	bars.FE 500 D or more conforming								
		to IS 178								
		ROOF Beam approx 50m								
		TOP 12mm (2nos)	2	50	0.89	-	89			
		Bottom 16mm(2nos)	2	50	1.58	-	158			
		Bottom 12mm(1nos)	1	50	0.89	-	44.5			
		Ring 8mm	350	1.2	0.4	-	165.9			
		FOR SLAB	1	5.3	10	7.5	397.5			
						Total	397.5	KG	80	31800

		Reinforced cement concrete work								
		(with 20 mm nominal size graded								
		stone aggregate)inbeams,								
		suspended floors, roofs having								
		slope of any degree landings,								
		balconies, shelves, chajjas, lintels,								
38	5.3	bands, plain window sills,								
		staircases and spiralstaircases								
		above plinth level and upto floor								
		two level excluding the cost of								
		centering, shuttering, finishing and								
		reinforcement inconcrete grade								
	5.3.1	M-20 Grade Concret	- 1	F 2	10	0.11	F 00			
		FOR Slab	1	5.3	10	0.11	5.83			
		ROOF Beam approx 50m	1	50	0.23	0.3	3.45	0	65.44	60700
						Total	9.28	сим	6541	60700
39	13.1	12 mm cement plaster of mix :								
39	13.1.2	1:6 (1 cement : 6 sand)								
	13.1.2	SLAB	1	5.3	10	_	53			
		SLAD	-	3.5	10	Total	53	SQM	160	8480
						. ota.	33	30	100	0.00
		15 mm cement plaster on the								
40	13.2	rough sideof single or half brick								
		wall of mix								
	13.2.2	1:6 (1 cement : 6 sand)								
		OUTER WALL	2	6	-	4	48			
		INNER WALL	1	38	-	3	114			
						Total	114	SQM	168	19152
		Providing wood work in frames of								
		doors, windows, clerestory								
		windows and other frames,								
		wrought framed and fixed in								
41	9.1	position with hold fast lugs or with								
		dash fasteners of required dia and								
		length (hold fast lugs or dash								
		fastener shall be paid for								
		separately)								
	9.1.1	Second class teak wood								
		4 gate	4	0.13	0.08	5.5	0.22			
						Total	0.22	сим	90618	19936

									1	
		Providing and fixing 25mm thick								
		PVC flush door shutters made out								
		of a one pieceMulti chamber								
1		extruded PVC section ofthe size of								
		762mmx25mm or less as per								
		requirement with an average wall								
		thicknessof 1mm (± 0.3mm). PVC								
		foam end cap of size 23x10mm are								
		provided on both vertical edges to								
		ensure the overall thickness of								
		25mm. An M.S. tube having								
		dimension 19mm x 19mm and 1.0								
		mm (± 0.1mm) is inserted along								
42	9.161	the hinge side of the door. Core of								
42	9.101	the door shutter should be filled								
		with High Density Polyurethane								
		foam. The Top and Bottom edges								
		of the shutter are covered with an								
		end-cap of the size 25mmx11mm.								
		Door shutter shall be reinforced								
		with special polymeric								
		reinforcements as per								
		requiredspecification 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								
		4 gate	4	1.2	2.1		10.08			
		-				Total	10.08	SQM	1968	19837
43	∕larket Rat	DOOR Accessories								
		4 gate	4				4	$oxed{oxed}$		
						Total	4	NOS	3000	12000
44	Narket Rat	Aluminium Window		4.5	4.5					
			2	1.8	1.2		4.32			
			2	1	1	T = 1 1 1	2	6656	4000	25222
						Total	6.32	SQM	4000	25280

		7		1	1	1		1 1		
45	11.53	Providing and laying Antiskid floor tiles of any sizes, 12 mm thickness 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 sand) including grouting the joints with white cement with matching pigments etc., complete								
		for washroom	3	3	3		27			
						Total	27	SQM	880	23760
46	11.5	Providing and fixing Ceramic glazed wall tiles 300x450 mm or more (having thickness 6 to 7 mm) of 1st quality conforming to IS: 15622 of approved make in all Colours& shades, except burgundy, bottle green, black laid on 12mm thick bed of Cement Mortar 1:3 (1 Cement: 3 sand)preprad same day when mortar is still green jointed with grey cement slurry @3.3 kg per sqm including pointing the joints with white cement and matching pigments etc., complete.								
		for washroom	6	1.5	2.4		21.6			
			6	2.5	2.4		36			
						Total	57.6	SQM	776	44698
47	11.78	Providing and laying vitrified floor tiles Multi/Double charged (Minimum top layer thickness 2.0mm) Neno Polished self design, in different size with water absorption less than0.05% and conforming to IS:15622 of approved make in all colours& shades, quality/ premium quality in flooring laid on 12mm thick cement mortar 1:4(1cement :4sand) including grouting the joints with white cement and matching pigments etc. complete								

					1	, ,			-	
	11.78.1	In light shade glossy/ rustic /stain								
	11.70.1	finishe								
	11.78.1.1	Size 600X600 mm thickness 9-10								
		mm								
		Total Area	1	5.3	10		53			
						Total	53	SQM	1104	58512
		Providing and applying white								
		cement based putty of average								
		thickness 1 mm, of approved								
48	13.41	brand over the plastered wall								
40	13.41	surface to prepare the surface								
		even and smooth i/c all cost of								
		material, labour and scaffold etc in								
		all position complete.								
		SAME AS PLASTER					167			
						Total	167	SQM	74	12358
		Finishing walls by any mechanical								
		or manual means with Acrylic								
		Smooth exterior paint (Economy								
		Exterior) of required shade								
		including all scaffolding. New work								
		(Two or more coat applied								
		@1.67ltr/10sqm over and								
49	13.52	including one coat undiluted								
		exterior waterproofing coating @								
		2.39 litre/10 sqm with crack								
		bridging ability of upto 0.5mm on								
		horizontal surfaces with an								
		elongationof 150% and water								
		proofing of upto 3 bars on vertical								
		surfac								
		SAME AS PLASTER					167			
						Total	167	SQM	138	23046

		T			1					1
		62 mm thick cement concrete								
		flooring with concrete hardener								
		topping, under layer 50 mm thick								
		cement concrete 1:2:4 (1 cement:								
		2 sand: 4 graded stone aggregate								
		20mm nominal size) and top layer								
		12mm thick cement hardener								
		consisting of mix 1:2 (1 cement								
50	11.3	hardener mix: 2 graded stone								
		aggregate, 6mm nominal size) by								
		volume, hardening compound								
		mixed @ 2 litre per 50kg of								
		cement or as per manufactures								
		specifications. This includes cost of								
		cement slurry, but excluding the								
		cost of nosing of steps etc.								
		cost of flosing of steps etc.								
		Total Slab Area	1	5.3	10		53			
		Total Slab Alea		5.5	10	Total	53	SQM	431	22843
\vdash						Total	33	JQIVI	431	22043
		Demolishing cement concrete								
		manually/by mechanical means								
51	15.2	including disposal of material								
		within 50 metres lead as per								
		direction of Engineer-in Charg								
		Nominal concrete 1:3:6 or richer								
	15.2.1	mix (i/c equivalent design mix).								
			2	5	0.6	0.23	1.38			
						Total	1.38	SQM	578	798
		Demolishing brick work								
		manually/ by mechanical means								
		including stacking ofserviceable								
52	15.6	material and disposal of								
		unserviceable material within								
		50 metres leadas per direction								
		of Engineer-in- Charge.								
	15.6.3	In cement mortar	2	3	3	0.23	4.14			
						Total	4.14	SQM	487	2016
	TOTAL CIVIL WORK									1311016
	ELECTRICAL AND PLUMBING WORK									380194
	NET TOTAL FOR GROUND & FIRST FLOOR UNITS									1691210
	TOTAL AMOUNT FOR 4 UNITS ADD 18% GST									3382420
								608836 3991256		
	GRAND TOTAL									3331230