

ESTIMATE FOR ANNEXY AT SCINDIA KANYA VIDYALAYA

S.No	SOR No.	Description	Nos	L	B	H	Total	Unit	Rate	Amount
1	2.6	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 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
2	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level :								
	4.1.2.2	M-10 Nominal (Mix -1 Cement : 3 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	CUM	3808	25323
3	5.16	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 detailing IS 456 RCC Design & SP 34 Reinforcement detailing) etc. complete .								
	5.16.6	Thermo-Mechanically Treated bars.FE 500 D or more conforming to IS 178								
		Column 0.23cm*0.45cm	4	8	1.58	10	505.6			

		RING	4	70	0.4	1.2	132.7			
		Column 0.23cm*0.30cm	2	6	0.89	10	106.8			
		RING	2	70	0.4	1	55.3			
		MESH	6	20	0.62	1.5	111.6			
						Total	912	KG	80	72962
4	5.9	Centering and shuttering in cluding strutting, propping etc. and removal of form for:								
	5.9.1	Foundations, footings, bases of columns, etc. for concrete upto plinth level								
		FOOTING	6	1.4	4	0.3	10.08			
						Total	10.08	SQM	190.6	1921
5	5.1	Providing and laying in position 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 plinth level :								
	5.1.1	M-20 Grade Concrete	6	1.4	1.4	0.3	3.528			
						Total	3.528	CUM	6153	21708
6	5.9	Centering and shuttering in cluding strutting, propping etc. and removal of form for:								
	5.9.6	Columns, P i l l a r s , Piers, Abutments, Posts and Struts								
		Column 0.23cm*0.45cm	4	2	0.23	1	1.84			
			4	2	0.45	1	3.6			
		Column 0.23cm*0.30cm	2	2	0.23	1	0.92			
			2	2	0.3	1	1.2			
						Total	7.56	SQM	471.2	3562
7	5.1	Providing and laying in position 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 plinth level :								
	5.1.1	M-20 Grade Concrete	4	0.23	0.45	1	0.414			
			2	0.23	0.3	1	0.138			

						Total	0.552	CUM	6153	3396
8	7.1	Random rubble masonry with hard stone in foundation and plinth including leveling up with cement concrete 1:6:12 (1 cement :6 sand : 12 graded stoneaggregate 20mm nominal size) at plinth level with :								
	7.1.1	Cement mortar 1:6 (1 cement : 6 sand)	1	15	0.6	1	9			
						Total	9	CUM	4147	37323
9	5.6	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 detailing IS 456 RCC Design & SP 34 Reinforcement detailing) etc. complete .								
	5.16.6	Thermo-Mechanically Treated 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	CUM	80	16832
10	5.9	Centering and shuttering in cluding 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

11	5.1.1	Providing and laying in position 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 plinth level :								
		Plinth Beam approx 50m	1	50	0.23	0.3	3.45			
						Total	3.45	CUM	6153	21228
12	5.9	Centering and shuttering in cluding strutting, propping etc. and removal of form for:								
	5.9.6	Columns, P i l l a r s , 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			
						Total	22.68	SQM	471.2	10687
13	5.2	Reinforced cement concrete work (with 20mm nominal size graded stone aggregate) in walls (any thickness), including attached pilasters, buttresses, plinth and 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

23	9.161	<p>Providing and fixing 25mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762mmx25mm or less as per requirement with an average wall thickness of 1mm (\pm 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 (\pm 0.1mm) is inserted along the hinge side of the door. Core of 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 required 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</p>								
		4 gate	4	1.2	2.1		10.08			
						Total	10.08	SQM	1968	19837
24	Market Rate	DOOR Accessories								
		4 gate	4				4			
						Total	4	nos	3000	12000
25	Market Rate	Aluminium Window								
			2	1.8	1.2		4.32			
			2	1	1		2			
						Total	6.32	SQM	4000	25280

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.								
		for washroom	6	1.5	2.4		21.6			
			6	2.5	2.4		36			
						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								
		SAME AS PLASTER					167			
						Total	167	SQM	138	23046
		For First Floor								
31	5.9	Centering and shuttering in cluding strutting, propping etc. and removal of form for:								
	5.9.6	Columns, P i l l a r s , 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			

35	5.9	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
36	5.9.5	Lintels, beams, girders, bressumers and cantilevers								
		ROOF Beam approx 50m	2	50	0.23		23			
						Total	23	CUM	356	8188
37	5.16	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 detalingIS 456 RCC Design & SP 34 Reinforcement detailing) etc. complete .								
	5.16.6	Thermo-Mechanically Treated 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

38	5.3	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in beams, suspended floors, roofs having slope of any degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral staircases above plinth level and upto floor two level excluding the cost of centering, shuttering, finishing and reinforcement in concrete grade								
	5.3.1	M-20 Grade Concret								
		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	CUM	6541	60700
39	13.1	12 mm cement plaster of mix :								
	13.1.2	1:6 (1 cement : 6 sand)								
		SLAB	1	5.3	10	-	53			
						Total	53	SQM	160	8480
40	13.2	15 mm cement plaster on the rough side of 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
41	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

42	9.161	<p>Providing and fixing 25mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762mmx25mm or less as per requirement with an average wall thickness of 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 the hinge side of the door. Core of 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 required 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</p>								
		4 gate	4	1.2	2.1		10.08			
						Total	10.08	SQM	1968	19837
43	Market Rate	DOOR Accessories								
		4 gate	4				4			
						Total	4	NOS	3000	12000
44	Market Rate	Aluminium Window								
			2	1.8	1.2		4.32			
			2	1	1		2			
						Total	6.32	SQM	4000	25280

