

Construction of KVVV HOUSE AT H/o.

Detailed cum Abstract Estimate

Estimate Amount : Rs. 75000

Sl. No.	Description of Work	No.	Length	Breadth	Depth	Contents	Amount	
1	Earth work Excavation in all soils and Sub Soil to full depth as may be directed except in hard rock requiring blasting but inclusive of shoring strutting, Sectioning the street to lay concrete pavement per SS 20 A.							
	Main walls around	1	x	1	18.22	0.60	0.60	6.56
					6.56	Cu.m @ Rs.	63.20	per m3
2	Filling in Basement with excavated Earth in layers of not more than 15cm. Thick well rammed, watered and consolidated complying with standard specifications etc., complete.							
	House	1	x	1	5.04	2.56	0.25	3.23
					3.23	Cu.m @ Rs.	10.10	per m3
3	Supplying and Filling foundation and basement with filling sand in layers not more than 15cm . Thick well ramed, watered and compacted Complete complying with stanard specification.							
	Main walls around	1	x	1	18.22	0.60	0.10	1.09
	House Flooring	1	x	1	5.04	2.56	0.10	1.29
	Kitchen	1	x	1	1.22	0.84	0.10	0.10
								2.49
					2.49	Cu.m @ Rs.	119.90	per m3
4	Cement concrete 1 :5: 10 mix using 40mm HBG metal for foundation including watering wherever necessary and laid in layers of not more than 15cm thick., compacting etc., complete complying with standard specifications and as directed for base course							
	Wall around	1		1	18.22	0.60	0.10	1.09
	Flooring	1		1	5.04	2.56	0.075	0.97
	Kitchen	1	x	1	1.22	0.84	0.075	0.08
								2.14
				2.14	Cu.m @ Rs.	1480.59	per m3	3168
5	Random Rubble Masonry in cement Mortar 1 : 5 for foundation and basement using New Stones including necessary provision for Bond stones with simultaneous flush pointing with the same mortar above ground level complying with standard specifications.							
	Wall around	1		1	18.22	0.38	0.85	5.89
					5.89	Cu.m @ Rs.	1300.00	per m3
6	Brick work in Cement mortar 1:6 mix using good quality of country bricks of standard size including cost and conveyance etc., complete complying with standard specifications and as directed by the departmental officers.							
	Super structure wall around	1		1	18.22	0.23	2.70	11.31
	Deduct main door	-1		1	0.90	0.230	2.10	-0.43
	Deduct for window	-1		2	0.90	0.230	1.20	-0.50
	Deduct for jolly	-1		1	0.75	0.230	0.90	-0.16
	Partition wall	1		1	2.66	0.115	2.10	0.64
	Parapet wall	1		1	18.22	0.115	0.30	0.63
	Deduct for jolly @ parapet	-1		2	0.90	0.115	0.15	-0.03
	Deduct for lintel	-1		4	1.36	0.230	0.10	-0.13
	Deduct for opening	-1		1	0.90	0.115	2.10	-0.22
								11.13
					11.13	Cu.m @ Rs.	1800.00	per m3

7	Supplying and erecting centering with wooden materials as per standard specifications etc., complete								
	Lintel Sides	2		4	1.36	0.10		1.09	
	Lintel Bottom	1		4	0.9	0.23		0.83	
	Sunshade Bottom	1		4	1.36	0.60		3.26	
	Sunshade Sides	1		4	2.56	0.06		0.61	
	Bottom of roof	1		1	5.14	2.67		13.72	
	Kitchen	1		1	1.22	0.84		1.02	
	Sides of main roof	1		1	19.12	0.10		1.91	
					22.46	Sq.m @ Rs.	246.00	per m2	5525
8	Supplying and fabrication of steel for RCC works including cost and conveyance fabrication charges etc., complete complying with standard specifications.								
	As per steel design							155 Kg	
					0.155	MT @ Rs.	43235	per MT	6701
9	Reinforced cement concrete 1:2:4 mix using 20mm ISS HBG metal including cost and conveyance etc., complete complying with standard specifications.								
	Lintel	4		1	1.36	0.23	0.10	0.13	
	Sun Shade	4		1	1.36	0.60	0.06	0.20	
	Roof Slab	1		1	5.60	3.13	0.10	1.75	
	Kitchen	1	x	1	1.22	0.84	0.10	0.10	
								2.18	
				2.18	Cu.m @ Rs.	2870.90	per m3	6259	
10	Weathering course concrete using best quality broken brick jelly of size 20mm in pure slacked lime over the RCC roof slab in th proportion of brick jelly to lime being32:12.5 by the volume and laid over a single layer and consolidated to the required ddesign & finished thick. beating the concrete with wooden beaters of approved pattern, keeping the surface contantly wetted with sprinkling lime & jaggery water as per standard specifications etc., complete as directed by the departmental officers.								
	Roof Slab	1		1	5.14	2.67	0.06	0.82	
					0.82	Cu.m @ Rs.	1162.10	per m3	953
11	Finishing the top of roof with one course of machine pressed tiles of size 20 x 20 x 2cm of approved quality laid in CM 1:3, 12mm thick. With water proofing compound confirming to IS by 2% by weight of cement used & the joint pointed neatly to full depth								
	Roof Slab	1		1	5.14	2.67		13.72	
					13.72	sq.m @ Rs.	359.40	per m2	4931
12	Plastering with Cement Mortar 1:5, 12mm thick including cost and conveyance of all materials and labour charges etc., complete complying with standard specifications.								
	Hall inner	1		1	17.30		2.70	46.71	
	Hall outer	1		1	19.14		3.10	59.33	
	Parapet top	1		1	18.22	0.23		4.19	
	Partition wall	1		2	2.67		2.10	11.21	
	Deduct for door	2		2	0.90		2.10	-7.56	
	Deduct for window	2		2	0.90		1.20	-4.32	
	Deduct for Jolly	2		2	0.75		1.20	-3.60	
								105.96	
				105.96	Sq.m @ Rs.	59.40	per m2	6294	

13	Special Ceiling Plastering with Cement Mortar 1:3, 10 mm thick including cost and conveyance of all materials and labour charges etc., complete complying with standard specifications.								
	Sun shade	4		2	1.36	0.60		6.53	
	Roof Bottom	1		1	5.14	2.67		13.72	
		1		1	1.22	0.84		1.02	
								21.28	
				21.28	Sq.m @ Rs. 69.50	per m2	1479		
14	White washing two coats using shell lime including cost and labour charges etc., complete complying with standard specifications.								
	Hall inner	1		1	17.30		2.70	46.71	
	Ceiling	1		1	5.14	2.67		13.72	
		1		1	1.22	0.84		1.02	
	Parapet top	1		1	18.22	0.23		4.19	
	Partition wall	1		2	2.67		2.10	11.21	
	Deduct for door/ Open	1		3	0.90		2.10	-5.67	
	Deduct for window	1		2	0.90		1.20	-2.16	
	Sunshade Bottom/Top	2		4	1.36	0.60		6.53	
								75.56	
				75.56	Sq.m @ Rs. 7.10	per m2	536		
15	Colour washing two coats using good quality of colouring pigments including cost and labour charges etc., complete complying with standard specifications.								
	Hall outer	1		1	19.14		3.10	59.33	
	Parapet top	1		1	18.22	0.23		4.19	
	Deduct for door	1		1	0.90		2.10	-1.89	
	Deduct for window	1		2	0.90		1.20	-2.16	
								59.47	
				59.47	Sq.m @ Rs. 10.65	per m2	633		
16	Painting two coats over new iron work with ready mixed paint of good quality including cost and labour charges etc., complete complying with standard specifications.								
	Door	1		1	0.90		2.10	1.89	
	Window	1		2	0.90		1.20	2.16	
								4.05	
				4.05	Sq.m @ Rs. 52.80	per m2	214		
17	Floor Finishing with Cement Mortar 1:4, 20mm thick including cost and conveyance of all materials and labour charges etc., complete complying with standard specifications.								
	House Floor	1		1	5.14	2.67		13.72	
		1		1	1.22	0.84		1.02	
								14.75	
				14.75	Sq.m @ Rs. 122.20	per m2	1802		
18	Supply and fixing of steel door of size x 2.10 m (47 - 51) Kg			0.90		1 No	2500	2500	
19	Supply and fixing of steel window of size 0.90 x 1.20 (46 - 49) Kg					2 Nos	2500	5000	
20	Supply and fixing of precast slab and Pila					1 Set	250	250	
21	Supply and Fixing of jolly					LS		300	
22	Contingencies					LS		18	
					Total		Rs	75000	