

Detailed Estimate

OD/371/3559/121304/381712/00014277 : Construction of VSS Building at Goudpali

Block : Dhankauda, Gram Panchayat : Kilasama

Created By: ASHRITA TOPNO

1. Earth Work (AR0122Ai1) : Earthwork in all kinds of soil within 50m to 75m lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth									
Earthwork in all kinds of soil within 50m to 75m lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Column	10.000	1.050	1.050	1.050	0.000	11.576	-	
ii	Long Wall	3.000	6.410	0.500	0.300	0.000	2.885	-	
iii	Short wall	3.000	1.800	0.500	0.300	0.000	0.810	-	
iv	Short wall	3.000	3.210	0.500	0.300	0.000	1.445	-	
v	Septic Tank	1.000	2.870	2.260	2.310	0.000	14.983	-	
vi	Column	9.000	1.050	0.500	0.300	0.000	-	1.418	
Total Quantity					30.280872 cum (cum)		30.280872 Cum (Cubic Meter)		
Amount					30.280872 X 234.95903508		7114.76		
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed									
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Column	10.000	1.050	1.050	0.050	0.000	0.551	-	
ii	Long wall	3.000	6.410	0.500	0.050	0.000	0.481	-	
iii	Short wall	3.000	1.800	0.500	0.050	0.000	0.135	-	
iv	Short wall	3.000	3.210	0.500	0.050	0.000	0.241	-	
v	Room	1.000	4.050	2.070	0.150	0.000	1.258	-	
vi	Toilet	1.000	1.520	2.070	0.150	0.000	0.472	-	

vii	Hall	1.000	5.680	3.480	0.150	0.000	2.965	-	
viii	Septic Tank	1.000	2.870	2.260	0.050	0.000	0.324	-	
ix	Column	9.000	1.050	0.500	0.050	0.000	-	0.236	
Total Quantity					6.190255 cum (cum)		6.190255 Cum (Cubic Meter)		
Amount					6.190255 X 1074.905832		6653.94		

3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Column	10.000	1.050	1.050	0.150	0.000	1.654	-	
ii	Long wall	3.000	6.410	0.500	0.100	0.000	0.962	-	
iii	Short wall	3.000	1.800	0.500	0.100	0.000	0.270	-	
iv	Short wall	3.000	3.210	0.500	0.100	0.000	0.482	-	
v	Room	1.000	4.050	2.070	0.100	0.000	0.838	-	
vi	Toilet	1.000	1.520	2.070	0.100	0.000	0.315	-	
vii	Hall	1.000	5.680	3.480	0.100	0.000	1.977	-	
viii	Septic Tank	1.000	2.870	2.260	0.100	0.000	0.649	-	
ix	Column	9.000	1.050	0.500	0.100	0.000	-	0.473	
Total Quantity					6.6725 cum (cum)		6.6725 Cum (Cubic Meter)		
Amount					6.6725 X 5866.5291773		39144.42		

4. R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	Column	10.000	1.050	1.050	0.300	0.000	3.308	-
ii	Column	10.000	0.770	0.770	0.300	0.000	1.779	-
Total Quantity					5.0862 cum (cum)		5.0862 Cum (Cubic Meter)	
Amount					5.0862 X 6484.5492041731		32981.71	

5. R.C.C. Work (AR0404Ab) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Long wall	3.000	6.140	0.230	0.250	0.000	1.059	-
ii	Short wall	3.000	2.070	0.230	0.250	0.000	0.357	-
iii	Toilet	1.000	2.070	0.115	0.250	0.000	0.060	-
iv	Short wall	3.000	3.480	0.230	0.250	0.000	0.600	-
v	Column	9.000	0.230	0.230	0.250	0.000	-	0.119
Total Quantity					1.9570125 cum (cum)		1.9570125 Cum (Cubic Meter)	
Amount					1.9570125 X 7241.9234505012		14172.53	

6. R.C.C. Work (AR0404Ad) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Long wall	3.000	6.140	0.230	0.150	0.000	0.635	-
ii	Short wall	2.000	2.070	0.230	0.150	0.000	0.143	-
iii	Toilet	1.000	2.070	0.115	0.150	0.000	0.036	-
iv	Short wall	2.000	3.480	0.230	0.150	0.000	0.240	-

v	Column	9.000	0.230	0.230	0.150	0.000	-	0.071
Total Quantity					0.9827325 cum (cum)		0.9827325 Cum (Cubic Meter)	
Amount					0.9827325 X 13154.537636186		12927.39	
7. R.C.C. Work (AR0404Ae) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Stairs excluding landing but including railing)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Flight	1.000	7.000	1.060	0.125	0.000	0.928	-
ii	Landing	1.000	1.060	1.060	0.125	0.000	0.140	-
iii	Steps	20.000	0.500	1.060	0.250	0.150	0.398	-
Total Quantity					1.46545 cum (cum)		1.46545 Cum (Cubic Meter)	
Amount					1.46545 X 14428.021267215		21143.54	
8. R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	9.000	0.230	0.230	3.850	0.000	1.833	-
ii	Column	1.000	0.230	0.230	3.100	0.000	0.164	-
iii	Wall Beam	3.000	6.140	0.230	0.150	0.000	0.635	-
iv	Short wall	2.000	2.070	0.230	0.150	0.000	0.143	-
v	Toilet	1.000	2.070	0.115	0.150	0.000	0.036	-
vi	Short wall	3.000	3.480	0.230	0.150	0.000	0.360	-

Total Quantity	3.1711825 cum (cum)	3.1711825 Cum (Cubic Meter)
Amount	3.1711825 X 14544.238724628	46122.44

9. R.C.C. Work (AR0404Af) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Chhaja	1.000	6.140	0.450	0.000	0.000	2.763	-
ii	Chhaja	2.000	1.200	0.450	0.000	0.000	1.080	-

Total Quantity	3.843 Sqm (Sqm)	3.843 Sqm (Square Meter)
Amount	3.843 X 1114.494263134	4283.00

10. R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof Slab	1.000	6.540	6.440	0.125	0.000	5.265	-
ii	Septic tank Slab	3.000	0.956	2.260	0.100	0.000	0.648	-

Total Quantity	5.912868 cum (cum)	5.912868 Cum (Cubic Meter)
Amount	5.912868 X 12792.29155959	75639.13

11. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	Base Jali	10.000	14.000	1.050	0.000	0.009	1.305	-
ii	Column	10.000	4.000	6.100	0.000	0.009	2.167	-
iii	Ring	9.000	33.000	0.750	0.000	0.004	0.880	-
iv	Ring	1.000	14.000	0.750	0.000	0.004	0.041	-
v	Plinth Bend	3.000	6.000	6.140	0.000	0.009	0.981	-
vi	Short wall	3.000	6.000	6.240	0.000	0.009	0.997	-
vii	Ring	6.000	38.000	0.810	0.000	0.004	0.729	-
viii	Toilet	1.000	4.000	2.530	0.000	0.009	0.090	-
ix	Ring	1.000	15.000	0.630	0.000	0.004	0.037	-
x	Lintel	3.000	4.000	6.140	0.000	0.009	0.654	-
xi	Short wall	2.000	4.000	6.240	0.000	0.009	0.443	-
xii	Ring	2.000	32.000	0.600	0.000	0.004	0.152	-
xiii	Ring	2.000	34.000	0.600	0.000	0.004	0.161	-
xiv	Toilet	1.000	4.000	2.530	0.000	0.009	0.090	-
xv	Ring	1.000	15.000	0.430	0.000	0.004	0.025	-
xvi	Front Chhaja	1.000	4.000	6.140	0.000	0.004	0.097	-
xvii	W Chhajja	2.000	4.000	1.200	0.000	0.004	0.038	-
xviii	Ring	1.000	37.000	1.050	0.000	0.004	0.153	-
xix	Ring	2.000	9.000	1.050	0.000	0.004	0.075	-
xx	Wall Beam	3.000	4.000	6.140	0.000	0.009	0.654	-
xxi	Short wall	3.000	4.000	6.240	0.000	0.009	0.665	-
xxii	Ring	3.000	37.000	0.860	0.000	0.004	0.377	-
xxiii	Ring	2.000	38.000	0.860	0.000	0.004	0.258	-
xxiv	Ring	1.000	24.000	0.860	0.000	0.004	0.082	-
xxv	Toilet Ring	1.000	15.000	0.680	0.000	0.004	0.040	-

xxvi	Roof Slab	2.000	23.000	3.730	0.000	0.006	1.059	-
xxvii	Room	1.000	14.000	4.880	0.000	0.006	0.422	-
xxviii	Toilet	1.000	14.000	2.640	0.000	0.006	0.228	-
xxix	Distribution	1.000	36.000	4.520	0.000	0.004	0.643	-
xxx	Room Dist.	1.000	29.000	3.250	0.000	0.004	0.372	-
xxxi	Top Rod	1.000	10.000	4.880	0.000	0.004	0.193	-
xxxii	Top Rod	1.000	21.000	3.250	0.000	0.004	0.270	-
xxxiii	Top Rod	1.000	10.000	3.250	0.000	0.004	0.128	-
xxxiv	Top Rod	1.000	10.000	2.640	0.000	0.004	0.104	-
xxxv	Top Rod	1.000	23.000	4.520	0.000	0.004	0.411	-
xxxvi	Top Rod	1.000	24.000	3.730	0.000	0.004	0.354	-
xxxvii	Top Rod	1.000	46.000	0.900	0.000	0.004	0.164	-
xxxviii	Staircase	3.000	4.000	1.050	0.000	0.009	0.112	-
xxxix	Ring	3.000	8.000	0.810	0.000	0.004	0.077	-
xl	Main Rod	1.000	7.000	8.580	0.000	0.009	0.533	-
xli	Distribution	1.000	48.000	1.050	0.000	0.009	0.448	-
xlii	Septic tank	3.000	16.000	0.950	0.000	0.006	0.281	-
xliii		3.000	7.000	2.260	0.000	0.004	0.187	-
Total Quantity					17.1783972 Qntl (Quintal)		17.1783972 Qntl (Quintal)	
Amount					17.1783972 X 9075.2117921		155897.59	
12. Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth								
Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	Long wall	3.000	6.290	0.380	0.450	0.000	3.227	-	
ii	Short wall	3.000	1.920	0.380	0.450	0.000	0.985	-	
iii	Short wall	3.000	3.330	0.380	0.450	0.000	1.708	-	
iv	Septic Tank	2.000	2.870	0.230	2.310	0.000	3.050	-	
v	Short wall	2.000	1.800	0.230	2.310	0.000	1.913	-	
vi	Partition wall	1.000	1.800	0.115	2.310	0.000	0.478	-	
vii	Steps	2.000	1.200	0.690	0.150	0.000	0.248	-	
viii	Step	2.000	1.200	0.460	0.150	0.000	0.166	-	
ix	Step	2.000	1.200	0.230	0.150	0.000	0.083	-	
x	Column	9.000	0.230	0.230	0.450	0.000	-	0.214	
xi	Septic tank Hole	1.000	0.900	0.115	1.200	0.000	-	0.124	
Total Quantity					11.518887 cum (cum)		11.518887 Cum (Cubic Meter)		
Amount					11.518887 X 5203.50406624		59938.58		

13. Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Long wall	3.000	6.140	0.230	2.900	0.000	12.286	-
ii	Short wall	2.000	2.070	0.230	2.900	0.000	2.761	-
iii	Short wall	2.000	3.480	0.230	2.900	0.000	4.642	-
iv	Toilet wall	1.000	2.070	0.115	2.900	0.000	0.690	-
v	Staircase Railing	1.000	7.010	0.115	0.600	0.000	0.484	-
vi	Column	9.000	0.230	0.230	2.900	0.000	-	1.381
vii	Door	1.000	1.200	0.230	2.100	0.000	-	0.580

viii	D1	1.000	1.050	0.230	2.100	0.000	-	0.507
ix	D2	1.000	0.750	0.230	2.100	0.000	-	0.362
x	Window	3.000	0.900	0.230	1.200	0.000	-	0.745
xi	Ventilator	1.000	0.450	0.230	0.300	0.000	-	0.031
Total Quantity					17.257935 cum (cum)		17.257935 Cum (Cubic Meter)	
Amount					17.257935 X 5236.83406624		90376.94	
14. R.C.C. Work (AR0404Ac) : First Floor								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in-charge. (RCC Beams, Column, Girder & Bressmer etc)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	9.000	0.230	0.230	0.750	0.000	0.357	-
Total Quantity					0.357075 cum (cum)		0.357075 Cum (Cubic Meter)	
Amount					0.357075 X 16327.375034562		5830.10	
15. Masonry Brick Work (AR0603ci) : First floor								
Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Parappet Long wall	2.000	6.140	0.230	0.750	0.000	2.118	-
ii	Short wall	2.000	5.780	0.230	0.750	0.000	1.994	-
iii	Landing	2.000	1.050	0.115	0.600	0.000	0.145	-
Total Quantity					4.2573 cum (cum)		4.2573 Cum (Cubic Meter)	
Amount					4.2573 X 5565.86479624		23695.56	
16. Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside								

12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Septic tank	2.000	2.410	0.000	2.310	0.000	11.134	-
ii		2.000	1.800	0.000	2.310	0.000	8.316	-
iii	Partition wall	2.000	1.800	0.000	2.310	0.000	8.316	-
iv	Hole	1.000	0.900	0.000	1.200	0.000	-	1.080
Total Quantity					26.6862 Sqm (Sqm)		26.6862 Sqm (Square Meter)	
Amount					26.6862 X 199.011424948		5310.86	

17. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaicaon and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Septic tank	1.000	2.410	1.800	0.050	0.000	0.217	-
Total Quantity					0.2169 cum (cum)		0.2169 Cum (Cubic Meter)	
Amount					0.2169 X 7429.8820991		1611.54	

18. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)

6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Ceiling	1.000	1.520	2.070	0.000	0.000	3.146	-
ii	Room	1.000	4.050	2.070	0.000	0.000	8.384	-
iii	Hall	1.000	5.680	3.480	0.000	0.000	19.766	-
iv	Stairase	1.000	7.010	1.175	0.000	0.000	8.237	-
v	Landing	2.000	1.100	1.100	0.000	0.000	2.420	-

vi	Steps	1.000	1.050	0.400	0.000	0.000	0.420	-
vii	Steps side	20.000	0.500	0.250	0.150	0.000	0.375	-
viii	Above slab	1.000	6.440	6.540	0.000	0.000	42.118	-
ix	Front Chhaja	2.000	6.140	0.450	0.000	0.000	5.526	-
x	W Chhaja	2.000	2.000	1.200	0.450	0.000	2.160	-
Total Quantity					92.55165 Sqm (Sqm)		92.55165 Sqm (Square Meter)	
Amount					92.55165 X 193.725163324		17929.58	

19. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside

12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Out side Long wall	2.000	6.140	0.000	3.800	0.000	46.664	-
ii	Short wall	2.000	6.240	0.000	3.800	0.000	47.424	-
iii	Staircase Railing	2.000	7.010	0.000	0.640	0.000	8.973	-
iv	Step Sides	2.000	2.000	0.750	0.225	0.000	0.675	-
v	Door	1.000	0.500	1.200	2.100	0.000	-	1.260
vi	Window	3.000	0.500	0.900	1.200	0.000	-	1.620
vii	Ventilator	2.000	0.500	0.450	0.300	0.000	-	0.135
Total Quantity					100.7208 Sqm (Sqm)		100.7208 Sqm (Square Meter)	
Amount					100.7208 X 177.049918086		17832.61	

20. Plastering (AR1004) : First Floor

12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	Parappet	2.000	6.140	0.000	0.980	0.000	12.034	-
ii	Short wall	2.000	6.240	0.000	0.980	0.000	12.230	-
iii	Landing Sides	2.000	2.000	1.050	0.640	0.000	2.688	-
Total Quantity					26.9528 Sqm (Sqm)		26.9528 Sqm (Square Meter)	
Amount					26.9528 X 181.113754086		4881.52	

21. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.

16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	2.000	4.050	0.000	3.200	0.000	25.920	-
ii	Toilet	2.000	1.520	0.000	3.200	0.000	9.728	-
iii	RM & Toi. S/W	2.000	2.000	2.070	3.200	0.000	26.496	-
iv	Hall	2.000	5.680	0.000	3.200	0.000	36.352	-
v	Short wall	2.000	3.480	0.000	3.200	0.000	22.272	-
vi	Door	1.000	0.500	1.200	2.100	0.000	-	1.260
vii	D1	1.000	0.500	1.050	2.100	0.000	-	1.103
viii	D2	1.000	0.500	0.750	2.100	0.000	-	0.788
ix	Window	3.000	0.500	0.900	1.200	0.000	-	1.620
x	Ventilator	2.000	0.500	0.450	0.300	0.000	-	0.135
Total Quantity					115.863 Sqm (Sqm)		115.863 Sqm (Square Meter)	
Amount					115.863 X 252.74376451		29283.65	

22. Plastering (AR1014) : First Floor

16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Parappet	2.000	5.680	0.000	0.750	0.000	8.520	-
ii	Parappet	2.000	5.780	0.000	0.750	0.000	8.670	-
Total Quantity					17.19 Sqm (Sqm)		17.19 Sqm (Square Meter)	
Amount					17.19 X 258.82800451		4449.25	

23. Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory

Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	4.050	2.070	0.000	0.000	8.384	-
ii	Hall	1.000	5.680	3.480	0.000	0.000	19.766	-
iii	Door	1.000	1.200	0.230	0.000	0.000	0.276	-
iv	D1	1.000	1.050	0.230	0.000	0.000	0.242	-
Total Quantity					28.6674 Sqm (Sqm)		28.6674 Sqm (Square Meter)	
Amount					28.6674 X 1019.625825301		29230.02	

24. Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room Dadoos	2.000	4.050	0.000	0.150	0.000	1.215	-
ii		2.000	2.070	0.000	0.150	0.000	0.621	-
iii	Hall L/W	2.000	5.680	0.000	0.150	0.000	1.704	-
iv		2.000	3.480	0.000	0.150	0.000	1.044	-
v	Door	1.000	0.500	1.200	0.150	0.000	-	0.090
vi	D1	1.000	1.000	1.050	0.150	0.000	-	0.158

vii	D2	1.000	0.500	0.750	0.150	0.000	-	0.056
Total Quantity					4.28025 Sqm (Sqm)		4.28025 Sqm (Square Meter)	
Amount					4.28025 X 1539.730432366		6590.43	
25. Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor								
Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	1.000	1.520	2.070	0.000	0.000	3.146	-
ii	D2	1.000	0.750	0.230	0.000	0.000	0.173	-
iii	Step	3.000	1.200	0.250	0.000	0.000	0.900	-
Total Quantity					4.2189 Sqm (Sqm)		4.2189 Sqm (Square Meter)	
Amount					4.2189 X 1203.57626872		5077.77	
26. Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)								
Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	2.000	2.070	0.000	1.200	0.000	4.968	-
ii	Short wall	2.000	1.520	0.000	1.200	0.000	3.648	-
iii	Step	3.000	1.200	0.000	0.150	0.000	0.540	-
iv	D2	1.000	0.500	0.750	1.200	0.000	0.450	-
Total Quantity					9.606 Sqm (Sqm)		9.606 Sqm (Square Meter)	
Amount					9.606 X 890.886232366		8557.85	
27. Iron Work (AR1704) : Iron Doors and windows fixing								

Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	1.000	1.200	2.100	0.000	33.000	83.160	-
ii	D1	1.000	1.050	2.100	0.000	33.000	72.765	-
iii	W	3.000	0.900	1.200	0.000	33.000	106.920	-
iv	V	2.000	0.450	0.300	0.000	20.000	5.400	-
Total Quantity					268.245 Kg (Kilo Gram)		2.68245 Qntl (Quintal)	
Amount					2.68245 X 16387.299509087		43958.11	

28. Painting (AR0905a) : Painting two coats of enamel paint with a coat of wood primer on old wood work in inner surface paint (Inside)

Painting two coats of enamel paint with a coat of wood primer on old wood work in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	1.000	1.200	2.100	2.250	0.000	5.670	-
ii	D1	1.000	1.050	2.100	2.250	0.000	4.961	-
iii	W	3.000	0.900	1.200	2.750	0.000	8.910	-
iv	Ventilator	2.000	0.450	0.300	0.500	0.000	0.135	-
Total Quantity					19.67625 Sqm (Sqm)		19.67625 Sqm (Square Meter)	
Amount					19.67625 X 234.33718544323		4610.88	

29. Painting (AR0922a) : Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work (Inside)

Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	2.000	4.050	0.000	3.200	0.000	25.920	-
ii		2.000	2.070	0.000	3.200	0.000	13.248	-

iii	Hall	2.000	5.680	0.000	3.200	0.000	36.352	-
iv		2.000	3.480	0.000	3.200	0.000	22.272	-
v	Toilet	2.000	2.070	0.000	1.100	0.000	4.554	-
vi		2.000	1.520	0.000	1.100	0.000	3.344	-
vii	Door	1.000	0.500	1.200	2.100	0.000	-	1.260
viii	D1	1.000	1.000	1.050	2.100	0.000	-	2.205
ix	D2	1.000	0.500	0.750	2.100	0.000	-	0.788
x	W	3.000	0.500	0.900	1.200	0.000	-	1.620
xi	V	2.000	0.500	0.450	0.300	0.000	-	0.135

Total Quantity					99.6825 Sqm (Sqm)		99.6825 Sqm (Square Meter)	
Amount					99.6825 X 147.86343103051		14739.40	

30. Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer

Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Long wall	2.000	6.140	0.000	4.075	0.000	50.041	-
ii	Short wall	2.000	6.240	0.000	4.075	0.000	50.856	-
iii	Front Chhaja	2.000	6.140	0.481	0.000	0.000	5.907	-
iv	W Chhaja	3.000	2.000	1.200	0.481	0.000	3.463	-
v	Stair case Railing	2.000	7.010	0.640	0.000	0.000	8.973	-
vi	Waist slab	1.000	7.010	1.175	0.000	0.000	8.237	-
vii	Landing	1.000	1.175	1.175	0.000	0.000	1.381	-
viii	Door	1.000	0.500	1.200	2.100	0.000	-	1.260
ix	W	3.000	0.500	0.900	1.200	0.000	-	1.620
x	V	2.000	0.500	0.450	0.300	0.000	-	0.135

Total Quantity						125.842055 Sqm (Sqm)	125.842055 Sqm (Square Meter)	
Amount						125.842055 X 156.87859381801	19741.92	
31. Painting (AR0918g) : First Floor								
Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Parappet	4.000	5.910	0.000	0.865	0.000	20.449	-
ii		4.000	6.010	0.000	0.865	0.000	20.795	-
iii	Landing Parappet	2.000	2.000	1.050	0.640	0.000	2.688	-
Total Quantity						43.9312 Sqm (Sqm)	43.9312 Sqm (Square Meter)	
Amount						43.9312 X 113.94793834745	5005.87	
Total Amount							814732.91	
Addition								
Provision for PH Work (+) @							10000.00	
Provision for EI Work (+) @							10119.76	
Provision for Contingency (+) @							8147.33	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							5000.00	
Total Addition							35267.09	
Grand Net Total Amount							850000.00	