

## Detailed Estimate

**OD/371/3559/121304/381694/00014278 : Construction of VSS Building at Pitapali**  
**Block : Dhankauda, Gram Panchayat : Kilasama**  
**Created By:ASHRITA TOPNO**

<b>1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift</b>									
Earth work in hard soil or gravelly soil within 50m. Initial 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 the direction of the Engineer-in-charge									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Column	9.000	1.050	1.050	1.050	0.000	10.419	-	
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					29.123247 cum (cum)		29.123247 Cum (Cubic Meter)		
Amount					29.123247 X 200.6466		5843.48		
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>									
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	9.000	1.050	1.050	0.050	0.000	0.496	-	
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					6.13513 cum (cum)		6.13513 Cum (Cubic Meter)		
<b>Amount</b>					<b>6.13513 X 1074.905832</b>		<b>6594.69</b>		

### 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	9.000	1.050	1.050	0.150	0.000	1.488	-	
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					6.507125 cum (cum)		6.507125 Cum (Cubic Meter)		
<b>Amount</b>					<b>6.507125 X 5866.5291773</b>		<b>38174.24</b>		

### 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
-------	-------------	----	---	---	---	----	----------	-----------

i	Column Base	9.000	1.050	1.050	0.300	0.000	2.977	-
ii	Base	9.000	0.770	0.770	0.300	0.000	1.601	-
Total Quantity					4.57758 cum (cum)		4.57758 Cum (Cubic Meter)	
Amount					4.57758 X 6484.5492041731		29683.54	

**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	St. Case Beam	1.000	1.050	0.230	0.250	0.000	0.060	-
vi	Column	9.000	0.230	0.230	0.250	0.000	-	0.119
Total Quantity					2.0173875 cum (cum)		2.0173875 Cum (Cubic Meter)	
Amount					2.0173875 X 7241.9234505012		14609.77	

**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	
<b>7. R.C.C. Work (AR0404Af) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								
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	Front Chhaja	1.000	6.140	0.450	0.000	0.000	2.763	-
ii	W 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	
<b>8. R.C.C. Work (AR0404Ae) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								
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	1.050	0.125	0.000	0.919	-
ii	Steps	20.000	0.500	1.050	0.250	0.150	0.394	-
Total Quantity					1.3125 cum (cum)		1.3125 Cum (Cubic Meter)	
Amount					1.3125 X 14428.021267215		18936.78	
<b>9. R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								

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	Wall Beam	3.000	6.140	0.230	0.150	0.000	0.635	-
iii	Short wall	2.000	2.070	0.230	0.150	0.000	0.143	-
iv	Toilet	1.000	2.070	0.115	0.150	0.000	0.036	-
v	Short wall	3.000	3.480	0.230	0.150	0.000	0.360	-
vi	St. Case Beam	1.000	1.050	0.230	0.150	0.000	0.036	-
Total Quantity					3.0434175 cum (cum)		3.0434175 Cum (Cubic Meter)	
Amount					3.0434175 X 14544.238724628		44264.19	

**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	Landing	1.000	1.050	0.900	0.125	0.000	0.118	-
iii	Septic Tank Slab	3.000	0.956	2.260	0.100	0.000	0.648	-
Total Quantity					6.030993 cum (cum)		6.030993 Cum (Cubic Meter)	
Amount					6.030993 X 12792.29155959		77150.22	

**11. 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)	
<b>Amount</b>					<b>0.357075 X 16327.375034562</b>		<b>5830.10</b>	

**12. 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
i	Base Jali	9.000	14.000	1.050	0.000	0.009	1.175	-
ii	Column	9.000	4.000	6.100	0.000	0.016	3.465	-
iii	Ring	9.000	33.000	0.750	0.000	0.004	0.880	-
iv	Plinth Bend	3.000	6.000	6.140	0.000	0.009	0.981	-
v	Short wall	3.000	6.000	6.240	0.000	0.009	0.997	-
vi	Ring	6.000	38.000	0.810	0.000	0.004	0.729	-
vii	Toilet	1.000	4.000	2.530	0.000	0.009	0.090	-
viii	Ring	1.000	15.000	0.630	0.000	0.004	0.037	-
ix	Lintel	3.000	4.000	6.140	0.000	0.009	0.654	-
x	Short wall	2.000	4.000	6.240	0.000	0.009	0.443	-
xi	Ring	2.000	32.000	0.600	0.000	0.004	0.152	-
xii	Ring	2.000	34.000	0.600	0.000	0.004	0.161	-
xiii	Toilet	1.000	4.000	2.530	0.000	0.009	0.090	-
xiv	Ring	1.000	15.000	0.430	0.000	0.004	0.025	-
xv	Front Chhaja	1.000	4.000	6.140	0.000	0.004	0.097	-
xvi	W Chhaja	2.000	4.000	1.200	0.000	0.004	0.038	-

xvii	Ring	1.000	37.000	1.050	0.000	0.004	0.153	-
xviii	Ring	2.000	9.000	1.050	0.000	0.004	0.075	-
xix	Wall Beam	3.000	4.000	6.140	0.000	0.009	0.654	-
xx	Short wall	3.000	4.000	6.240	0.000	0.009	0.665	-
xxi	Ring	3.000	37.000	0.860	0.000	0.004	0.377	-
xxii	Ring	2.000	38.000	0.860	0.000	0.004	0.258	-
xxiii	Ring	1.000	24.000	0.860	0.000	0.004	0.082	-
xxiv	Toilet Ring	1.000	15.000	0.680	0.000	0.004	0.040	-
xxv	Roof Slab	2.000	23.000	3.730	0.000	0.006	1.059	-
xxvi	Room	1.000	14.000	4.880	0.000	0.006	0.422	-
xxvii	Toilet	1.000	14.000	2.640	0.000	0.006	0.228	-
xxviii	Distribution	1.000	36.000	4.520	0.000	0.004	0.643	-
xxix	Room Ditribution	1.000	29.000	3.250	0.000	0.004	0.372	-
xxx	Top Rod	1.000	10.000	4.880	0.000	0.004	0.193	-
xxxi	Top Rod	1.000	21.000	3.250	0.000	0.004	0.270	-
xxxii	Top Rod	1.000	10.000	3.250	0.000	0.004	0.128	-
xxxiii	Top Rod	1.000	10.000	2.640	0.000	0.004	0.104	-
xxxiv	Top Rod	1.000	23.000	4.520	0.000	0.004	0.411	-
xxxv	Top Rod	1.000	24.000	3.730	0.000	0.004	0.354	-
xxxvi	Top Rod	1.000	46.000	0.900	0.000	0.004	0.164	-
xxxvii	Staircase	3.000	4.000	1.050	0.000	0.009	0.112	-
xxxviii	Ring	3.000	8.000	0.810	0.000	0.004	0.077	-
xxxix	Main Rod	1.000	7.000	8.580	0.000	0.009	0.533	-
xl	Distribution	1.000	48.000	1.050	0.000	0.009	0.448	-

xli	Septic tank	3.000	16.000	0.950	0.000	0.006	0.281	-
xlii	Distribution	3.000	7.000	2.260	0.000	0.004	0.187	-
Total Quantity					18.3049542 Qntl (Quintal)		18.3049542 Qntl (Quintal)	
Amount					18.3049542 X 9075.2117921		166121.34	

**13. 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<sup>2</sup> with dimensional tolerance  $\pm 8$  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	

**14. 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/cm<sup>2</sup> with dimensional tolerance  $\pm 8$  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	0.080	0.600	0.000	0.336	-
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					17.110725 cum (cum)		17.110725 Cum (Cubic Meter)	
Amount					17.110725 X 5236.83406624		89606.03	

#### 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<sup>2</sup> with dimensional tolerance  $\pm 8$  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	Parapet 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	0.080	0.600	0.000	0.101	-
iv	Column	8.000	0.230	0.230	0.750	0.000	-	0.317

Total Quantity	3.8958 cum (cum)	3.8958 Cum (Cubic Meter)
Amount	<b>3.8958 X 5565.86479624</b>	<b>21683.50</b>

**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					<b>26.6862 X 199.011424948</b>		<b>5310.86</b>	

**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 specifaion 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					<b>0.2169 X 7429.8820991</b>		<b>1611.54</b>	

**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	Above slab	1.000	6.540	6.440	0.000	0.000	42.118	-
ii	Ceiling	1.000	1.520	2.070	0.000	0.000	3.146	-

iii	Room	1.000	4.050	2.070	0.000	0.000	8.384	-
iv	Hall	1.000	5.680	3.480	0.000	0.000	19.766	-
v	Staircase	1.000	7.010	1.175	0.000	0.000	8.237	-
vi	Landing	2.000	1.100	1.100	0.000	0.000	2.420	-
vii	Steps	20.000	1.050	0.400	0.000	0.000	8.400	-
viii	Step sides	20.000	0.500	0.250	0.150	0.000	0.375	-
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					100.53165 Sqm (Sqm)		100.53165 Sqm (Square Meter)	
Amount					<b>100.53165 X 193.725163324</b>		<b>19475.51</b>	
<b>19. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside</b>								
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	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					<b>100.7208 X 177.049918086</b>		<b>17832.61</b>	
<b>20. Plastering (AR1004) : First Floor</b>								

12mm thick cement plaster (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	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 Parappet	2.000	2.000	1.050	0.640	0.000	2.688	-
Total Quantity					26.9528 Sqm (Sqm)		26.9528 Sqm (Square Meter)	
<b>Amount</b>					<b>26.9528 X 181.113754086</b>		<b>4881.52</b>	

**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 & Toilet	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	1.000	1.050	2.100	0.000	-	2.205
viii	D2	1.000	1.000	0.750	2.100	0.000	-	1.575
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					113.973 Sqm (Sqm)		113.973 Sqm (Square Meter)	
<b>Amount</b>					<b>113.973 X 252.74376451</b>		<b>28805.97</b>	

**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 Engineer-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	0.900	0.000	3.726	-
ii	Short wall	2.000	1.520	0.000	0.900	0.000	2.736	-
iii	Step	3.000	1.200	0.000	0.150	0.000	0.540	-
iv	D2	1.000	0.500	0.750	0.900	0.000	-	0.338

Total Quantity	6.6645 Sqm (Sqm)	6.6645 Sqm (Square Meter)
Amount	<b>6.6645 X 890.886232366</b>	<b>5937.31</b>

**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					<b>2.68245 X 16387.299509087</b>		<b>43958.11</b>	

**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	2.250	1.200	2.100	0.000	5.670	-
ii	D1	1.000	2.250	1.050	2.100	0.000	4.961	-
iii	Window	3.000	2.750	0.900	1.200	0.000	8.910	-
iv	Ventilator	2.000	0.500	0.450	0.300	0.000	0.135	-
Total Quantity					19.67625 Sqm (Sqm)		19.67625 Sqm (Square Meter)	
Amount					<b>19.67625 X 234.33718544323</b>		<b>4610.88</b>	

**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	2.300	0.000	9.522	-
vi		2.000	1.520	0.000	2.300	0.000	6.992	-
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	1.200	0.000	-	0.450
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					108.636 Sqm (Sqm)		108.636 Sqm (Square Meter)	
<b>Amount</b>					<b>108.636 X 147.86343103051</b>		<b>16063.29</b>	

**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	Staircase 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	
<b>31. Painting (AR0918g) : First Floor</b>								
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	
<b>Total Amount</b>							<b>814229.70</b>	
<b>Addition</b>								
Provision for PH Work (+) @							10500.00	
Provision for EI Work (+) @							10128.00	
Provision for Contingency (+) @							8142.30	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							5000.00	
<b>Total Addition</b>							<b>35770.30</b>	

**Grand Net Total Amount**

**849999.99**