

Detailed Estimate

OD/346/3305/116235/393304/00065363 : Repair and restoration of Bhalukaposi AWC building

Block : Nilgiri, Gram Panchayat : Chatrapur

Created By:BAIDYANATH SINGH

1. Dismantling (AR1613) : Removing old lime or cement plaster								
Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	7.100	3.350	0.000	0.000	23.785	-
ii		2.000	4.150	3.350	0.000	0.000	27.805	-
iii		1.000	4.450	2.450	0.000	0.000	10.903	-
iv		1.000	3.000	2.450	0.000	0.000	7.350	-
v		1.000	4.450	3.000	0.000	0.000	13.350	-
vi		2.000	1.200	1.200	0.000	0.000	-	2.880
vii		2.000	1.050	2.000	0.000	0.000	-	4.200
Total Quantity					76.1125 Sqm (Sqm)		76.1125 Sqm (Square Meter)	
Amount					76.1125 X 50.174193548387		3818.88	
2. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	76.120	1.000	0.000	0.000	76.120	-
Total Quantity					76.12 Sqm (Sqm)		76.12 Sqm (Square Meter)	
Amount					76.12 X 180.964269844		13775.00	

3. Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring

Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	7.400	4.450	0.000	0.000	32.930	-
ii		1.000	3.150	2.950	0.000	0.000	9.293	-
iii		1.000	4.600	2.550	0.000	0.000	11.730	-
Total Quantity					53.9525 Sqm (Sqm)		53.9525 Sqm (Square Meter)	
Amount					53.9525 X 100.34838709677		5414.05	

4. Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips

2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specificaion and direction of Engineer-in charge. (new work)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	7.400	4.450	0.000	0.000	32.930	-
ii		1.000	3.150	2.950	0.000	0.000	9.293	-
iii		1.000	4.600	2.550	0.000	0.000	11.730	-
Total Quantity					53.9525 Sqm (Sqm)		53.9525 Sqm (Square Meter)	
Amount					53.9525 X 369.162093634		19917.22	

5. Dismantling (AR1612) : First floor

Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	6.600	3.600	0.000	0.000	23.760	-

ii		1.000	2.750	2.150	0.000	0.000	5.913	-
iii		1.000	2.400	4.450	0.000	0.000	10.680	-
Total Quantity					40.3525 Sqm (Sqm)		40.3525 Sqm (Square Meter)	
Amount					40.3525 X 105.36580645161		4251.77	

6. Flooring (AR0816a) : Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1

Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm 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 marble 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		1.000	6.600	3.600	0.000	0.000	23.760	-
ii		1.000	2.750	2.150	0.000	0.000	5.913	-
iii		1.000	2.400	4.450	0.000	0.000	10.680	-
Total Quantity					40.3525 Sqm (Sqm)		40.3525 Sqm (Square Meter)	
Amount					40.3525 X 1464.763742007		59106.88	

7. 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		1.000	2.000	6.600	0.150	0.000	1.980	-
ii		1.000	2.000	3.600	0.150	0.000	1.080	-
iii		1.000	2.000	2.750	0.150	0.000	0.825	-
iv		1.000	2.000	2.150	0.150	0.000	0.645	-

v		1.000	1.000	4.450	0.150	0.000	0.668	-
vi		1.000	1.000	2.400	0.150	0.000	0.360	-
Total Quantity					5.5575 Sqm (Sqm)		5.5575 Sqm (Square Meter)	
Amount					5.5575 X 1543.923025691		8580.35	

8. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	393.600	1.000	0.000	0.000	393.600	-
Total Quantity					393.6 Kg (Kilo Gram)		3.936 Qntl (Quintal)	
Amount					3.936 X 8440.5169649		33221.87	

9. Painting (AR0903ik) : Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) .

Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	2.000	6.600	2.900	0.000	38.280	-
ii		1.000	2.000	3.600	2.900	0.000	20.880	-
iii		1.000	1.000	6.600	3.600	0.000	23.760	-
iv		1.000	2.000	2.750	2.900	0.000	15.950	-
v		1.000	2.000	2.150	2.900	0.000	12.470	-
vi		1.000	1.000	2.750	2.150	0.000	5.913	-
vii		1.000	1.000	4.450	2.900	0.000	12.905	-
viii		1.000	1.000	2.400	2.900	0.000	6.960	-

ix		1.000	1.000	4.450	2.400	0.000	10.680	-
x		5.000	1.200	1.200	0.000	0.000	-	7.200
xi		2.000	1.050	2.000	0.000	0.000	-	4.200
Total Quantity					136.3975 Sqm (Sqm)		136.3975 Sqm (Square Meter)	
Amount					136.3975 X 167.04571075081		22784.62	
10. Painting (AR0918g) : 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 .(Outside)								
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		1.000	7.100	3.350	0.000	0.000	23.785	-
ii		2.000	4.150	3.350	0.000	0.000	27.805	-
iii		1.000	4.450	2.450	0.000	0.000	10.903	-
iv		1.000	3.000	2.450	0.000	0.000	7.350	-
v		1.000	3.000	3.350	0.000	0.000	10.050	-
vi		1.000	2.650	3.350	0.000	0.000	8.878	-
vii		5.000	1.200	1.200	0.000	0.000	-	7.200
viii		2.000	1.050	2.000	0.000	0.000	-	4.200
Total Quantity					77.37 Sqm (Sqm)		77.37 Sqm (Square Meter)	
Amount					77.37 X 156.94134032051		12142.55	
Total Amount							183013.20	
Addition								
Provision for PH Work (+) @								

Provision for EI Work (+) @	
Provision for Contingency (+) @	2000.00
Display Citizen Board (+) @	1500.00
Any Other Lumpsum (+) @	13486.00
Provision for survey investigation and quality control (+) @	
Total Addition	16986.00
Grand Net Total Amount	199999.20

BAIDYANATH SINGH
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block