

Detailed Estimate

OD/346/3305/116234/393276/00064613 : repair and restoration of Tulasidiha awc building
Block : Nilgiri, Gram Panchayat : Bhaunriabad
Created By:Ramesh Singh

1. 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		2.000	5.000	4.500	0.000	0.000	45.000	-
ii		1.000	10.500	1.600	0.000	0.000	16.800	-
Total Quantity					61.8 Sqm (Sqm)		61.8 Sqm (Square Meter)	
Amount					61.8 X 100.34838709677		6201.53	
2. Dismantling (AR1620) : Dismantling and removing 2.5 cm thick grading concrete from roof								
Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering 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	8.000	4.200	0.000	0.000	33.600	-
Total Quantity					33.6 Sqm (Sqm)		33.6 Sqm (Square Meter)	
Amount					33.6 X 112.89193548387		3793.17	
3. 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 specifaion and direction of Engineer-in charge. (new work)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	8.000	4.200	0.000	0.000	33.600	-

Total Quantity		33.6 Sqm (Sqm)		33.6 Sqm (Square Meter)				
Amount		33.6 X 365.547657134		12282.40				
4. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	5.000	4.500	0.000	0.000	45.000	-
ii		1.000	10.500	1.600	0.000	0.000	16.800	-
Total Quantity		61.8 Sqm (Sqm)		61.8 Sqm (Square Meter)				
Amount		61.8 X 1448.986764812		89547.38				
5. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		4.000	5.000	0.150	0.000	0.000	3.000	-
ii		4.000	4.500	0.150	0.000	0.000	2.700	-
iii		1.000	10.500	0.150	0.000	0.000	1.575	-
Total Quantity		7.275 Sqm (Sqm)		7.275 Sqm (Square Meter)				
Amount		7.275 X 1528.569348586		11120.34				
6. Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside)								
Finishing wall surface with two coats with plastic emulsion paint 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)								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		4.000	6.700	2.900	0.000	0.000	77.720	-
ii		4.000	4.900	2.900	0.000	0.000	56.840	-
iii		2.000	6.700	4.900	0.000	0.000	65.660	-
iv		0.500	2.000	1.450	1.150	0.000	-	1.668
v		0.500	1.000	1.050	1.900	0.000	-	0.998
Total Quantity					197.555 Sqm (Sqm)		197.555 Sqm (Square Meter)	
Amount					197.555 X 163.80317921951		32360.14	

7. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	12.000	3.800	0.000	0.000	91.200	-
ii		2.000	4.500	3.800	0.000	0.000	34.200	-
iii		0.500	2.000	1.460	1.150	0.000	-	1.679
iv		0.500	1.000	1.050	1.900	0.000	-	0.998
Total Quantity					122.7235 Sqm (Sqm)		122.7235 Sqm (Square Meter)	
Amount					122.7235 X 156.91624171951		19257.31	

8. Painting (AR0903k) : Painting two coats of enamel paint in inner surface paint (Inner surface)(For repair and maintenance).

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
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i		2.750	3.000	1.450	1.150	0.000	13.757	-
ii		2.250	2.000	1.100	2.100	0.000	10.395	-
Total Quantity					24.151875 Sqm (Sqm)		24.151875 Sqm (Square Meter)	
Amount					24.151875 X 167.03069962581		4034.10	
Total Amount							178596.38	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @							18403.00	
Provision for Contingency (+) @							2000.00	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							21403.00	
Grand Net Total Amount							199999.38	

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