

Detailed Estimate

OD/346/3305/116254/393253/00064612 : repair and restoration of charabadi awc building

Block : Nilgiri, Gram Panchayat : Tentulia

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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cl Room	1.000	6.700	3.650	0.000	0.000	24.455	-
ii		1.000	2.100	2.300	0.000	0.000	4.830	-
iii	Ver	1.000	9.400	1.650	0.000	0.000	15.510	-
Total Quantity					44.795 Sqm (Sqm)		44.795 Sqm (Square Meter)	
Amount					44.795 X 100.34838709677		4495.11	
2. Flooring (AR0816) : First 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		1.000	7.700	3.650	0.000	0.000	28.105	-
ii		1.000	4.100	2.300	0.000	0.000	9.430	-
iii		1.000	1.000	0.450	0.000	0.000	0.450	-
iv		1.000	9.400	1.650	0.000	0.000	15.510	-
Total Quantity					53.495 Sqm (Sqm)		53.495 Sqm (Square Meter)	
Amount					53.495 X 1223.237313227		65437.08	

3. Flooring (AR0817b) : First floor

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	6.700	0.150	0.000	0.000	2.010	-
ii		2.000	5.650	0.150	0.000	0.000	1.695	-
iii		2.000	3.100	0.150	0.000	0.000	0.930	-
iv		2.000	2.300	0.150	0.000	0.000	0.690	-
v		2.000	9.400	0.150	0.000	0.000	2.820	-
Total Quantity					8.145 Sqm (Sqm)		8.145 Sqm (Square Meter)	
Amount					8.145 X 903.378219911		7358.02	

4. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

Brickwork with Flyash Bricks of size (25cm x 12cm 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	9.400	0.250	1.000	0.000	2.350	-
ii		1.000	1.650	0.250	1.000	0.000	0.413	-
iii		1.000	1.050	0.250	1.000	0.000	-	0.263
Total Quantity					2.5 cum (cum)		2.5 Cum (Cubic Meter)	
Amount					2.5 X 5242.46236396		13106.16	

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

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	9.400	1.000	0.000	0.000	18.800	-
ii		2.000	1.650	1.000	0.000	0.000	3.300	-
Total Quantity					22.1 Sqm (Sqm)		22.1 Sqm (Square Meter)	
Amount					22.1 X 171.969108844		3800.52	

6. Painting (AR0920) : First Floor

Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes 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		2.000	7.700	2.900	0.000	0.000	44.660	-
ii		2.000	7.650	2.900	0.000	0.000	44.370	-
iii		1.000	6.700	3.650	0.000	0.000	24.455	-
iv		2.000	7.300	2.900	0.000	0.000	42.340	-
v		2.000	5.100	2.900	0.000	0.000	29.580	-
vi		1.000	8.300	2.100	0.000	0.000	17.430	-
vii		2.000	9.400	2.900	0.000	0.000	54.520	-
viii		2.000	8.650	2.900	0.000	0.000	50.170	-
ix		1.000	9.400	1.650	0.000	0.000	15.510	-
x		0.500	3.000	1.000	1.200	0.000	-	1.800
xi		0.500	1.000	1.050	2.100	0.000	-	1.103
xii		0.500	1.000	2.100	1.200	0.000	-	1.260
xiii		0.500	1.000	1.450	1.200	0.000	-	0.870
xiv		0.500	1.000	3.200	1.200	0.000	-	1.920
xv		0.500	1.000	1.650	1.200	0.000	-	0.990

xvi		0.500	1.000	0.900	1.950	0.000	-	0.878
xvii		0.500	1.000	0.750	1.950	0.000	-	0.731
Total Quantity					313.48375 Sqm (Sqm)		313.48375 Sqm (Square Meter)	
Amount					313.48375 X 96.6874212		30309.94	

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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	9.550	3.500	0.000	0.000	66.850	-
ii		2.000	6.050	3.500	0.000	0.000	42.350	-
iii		0.500	3.000	1.000	1.200	0.000	-	1.800
iv		0.500	1.000	1.050	2.100	0.000	-	1.103
v		0.500	1.000	2.100	1.200	0.000	-	1.260
vi		0.500	1.000	1.450	1.200	0.000	-	0.870
vii		0.500	1.000	3.200	1.200	0.000	-	1.920
viii		0.500	1.000	1.650	1.200	0.000	-	0.990
Total Quantity					101.2575 Sqm (Sqm)		101.2575 Sqm (Square Meter)	
Amount					101.2575 X 156.91624171951		15888.95	

8. 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
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i		1.000	1.050	2.100	0.000	25.000	55.125	-
ii		3.000	1.000	1.200	0.000	25.000	90.000	-
iii		1.000	0.750	2.100	0.000	25.000	39.375	-
iv		1.000	2.100	1.200	0.000	15.000	37.800	-
v		1.000	1.460	1.200	0.000	15.000	26.280	-
vi		1.000	3.200	1.200	0.000	15.000	57.600	-
vii		1.000	1.650	1.200	0.000	15.000	29.700	-
Total Quantity					335.88 Kg (Kilo Gram)		3.3588 Qntl (Quintal)	
Amount					3.3588 X 15782.828245087		53011.36	
Total Amount							193407.12	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2000.00	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @							3592.00	
Provision for survey investigation and quality control (+) @								
Total Addition							6592.00	
Grand Net Total Amount							199999.12	

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