

Detailed Estimate

OD/346/3305/116239/393165/00062822 : Repair and renovation at jaganathpur awc building

Block : Nilgiri, Gram Panchayat : Jadida

Created By: BABITA BEHERA

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	slab	1.000	1.000	40.580	19.410	0.000	787.658	-
Total Quantity					787.6578 Sft (Square Foot)		73.1757725934 Sqm (Square Meter)	
Amount					73.1757725934 X 100.34838709677		7343.07	
2. 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 specification and direction of Engineer-in charge. (new work)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	1.000	1.000	40.580	19.410	0.000	787.658	-
Total Quantity					787.6578 Sft (Square Foot)		73.1757725934 Sqm (Square Meter)	
Amount					73.1757725934 X 361.1728260548		26429.10	
3. 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.)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	self	3.000	4.410	1.250	0.250	0.000	4.134	-
ii	kit slab	1.000	6.500	1.500	0.250	0.000	2.438	-
Total Quantity					6.571875 Cft (Cubic Foot)		0.18609447 Cum (Cubic Meter)	
Amount					0.18609447 X 6525.9990601063		1214.45	
4. 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	Qty	0.140	1.000	0.000	0.000	0.000	0.140	-
Total Quantity					0.14 Qntl (Quintal)		0.14 Qntl (Quintal)	
Amount					0.14 X 8926.088312		1249.65	
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	self	2.000	1.250	0.410	6.250	0.000	6.406	-
Total Quantity					6.40625 Sft (Square Foot)		0.59515984375 Sqm (Square Meter)	
Amount					0.59515984375 X 174.0085221348		103.56	
6. Plastering (AR1004ik) : 12mm thick cement plaster (1:6) over Brick work in outside(For repair and maintenance).								
12mm thick cement plaster (1:6) over Brick work in outside 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(For repair and maintenance).								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	outside	1.000	1.000	39.580	11.000	0.000	435.380	-
ii		1.000	2.000	15.910	11.000	0.000	350.020	-
iii	win	2.000	0.500	2.500	2.500	0.000	-	6.250
iv		2.000	0.500	2.830	4.000	0.000	-	11.320
v		3.000	0.500	5.000	4.500	0.000	-	33.750
Total Quantity					734.08 Sft (Square Foot)		68.19823424 Sqm (Square Meter)	
Amount					68.19823424 X 176.7177461348		12051.84	

7. 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	Room	1.000	1.000	24.250	14.250	0.000	345.562	-
ii		1.000	1.000	6.420	6.250	0.000	40.125	-
iii		1.000	1.000	7.000	6.250	0.000	43.750	-
iv		1.000	1.000	4.750	14.250	0.000	67.688	-
v	Beam	2.000	2.000	14.250	1.000	0.000	57.000	-
vi	C beam	1.000	4.000	3.000	2.500	0.000	30.000	-
vii	ver	1.000	1.000	39.580	3.000	0.000	118.740	-
viii	canis	1.000	1.000	98.570	0.410	0.000	40.414	-
Total Quantity					743.2787 Sft (Square Foot)		69.0528210661 Sqm (Square Meter)	
Amount					69.0528210661 X 190.5449015032		13157.66	

8. Other Building Items. (AR1902) : cement based wall putty (water based)

Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	2.000	24.250	9.500	0.000	460.750	-
ii		1.000	2.000	14.250	9.500	0.000	270.750	-
iii	cealing	1.000	1.000	24.250	14.250	0.000	345.562	-
iv	beam	2.000	2.000	14.250	1.000	0.000	57.000	-
v	kit	1.000	2.000	4.750	9.500	0.000	90.250	-
vi		1.000	2.000	14.250	9.500	0.000	270.750	-
vii	cealing	1.000	1.000	4.750	14.250	0.000	67.688	-
viii	store	1.000	2.000	6.420	9.500	0.000	121.980	-
ix		1.000	2.000	6.250	9.500	0.000	118.750	-
x	cealing	1.000	1.000	6.420	6.250	0.000	40.125	-
xi		1.000	2.000	7.000	9.500	0.000	133.000	-
xii		1.000	2.000	6.250	9.500	0.000	118.750	-
xiii		1.000	1.000	7.000	6.250	0.000	43.750	-
xiv	ded door	2.000	0.500	4.000	6.830	0.000	-	27.320
xv		2.000	0.500	3.000	6.830	0.000	-	20.490
xvi	win	2.000	0.500	2.500	2.500	0.000	-	6.250
xvii		2.000	0.500	2.830	4.000	0.000	-	11.320
xviii		4.000	0.500	5.000	4.500	0.000	-	45.000
Total Quantity					2028.725 Sft (Square Foot)		188.474638675 Sqm (Square Meter)	
Amount					188.474638675 X 79.21834		14930.65	

9. Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)

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	outside	1.000	2.000	39.580	11.000	0.000	870.760	-
ii		1.000	2.000	15.910	11.000	0.000	350.020	-
iii	ded	2.000	0.500	4.000	6.830	0.000	-	27.320
iv		2.000	0.500	3.000	6.830	0.000	-	20.490
v		2.000	0.500	2.500	2.500	0.000	-	6.250
vi		2.000	0.500	2.830	4.000	0.000	-	11.320
vii		4.000	0.500	5.000	4.500	0.000	-	45.000
Total Quantity					1110.4 Sft (Square Foot)		103.1594912 Sqm (Square Meter)	
Amount					103.1594912 X 94.7526285875		9774.63	

10. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	win grill	2.000	12.500	1.000	0.000	0.000	25.000	-
ii	win	3.500	45.000	1.000	0.000	0.000	157.500	-
Total Quantity					182.5 Kg (Kilo Gram)		1.825 Qntl (Quintal)	
Amount					1.825 X 16245.277147087		29647.63	

11. Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface)

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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	2.000	2.250	4.000	6.830	0.000	122.940	-
ii	Door-1	2.000	2.250	3.000	6.830	0.000	92.205	-
iii	Grill	2.000	0.500	2.500	2.500	0.000	6.250	-
iv	Win	2.000	2.750	2.830	4.000	0.000	62.260	-
v	Win	4.000	2.750	5.000	4.500	0.000	247.500	-
Total Quantity					531.155 Sft (Square Foot)		49.345892965 Sqm (Square Meter)	
Amount					49.345892965 X 164.22772665202		8103.96	

12. Painting (AR0920bk) : Finishing wall two coats with plastic emulsion paint of approved shades with one coat water bound Primer on new work (Inside)(For repair and maintenance) .

Finishing wall two coats with plastic emulsion paint of approved shades with one coat waterbound 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)(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	2.000	24.250	9.500	0.000	460.750	-
ii		1.000	2.000	14.250	9.500	0.000	270.750	-
iii	cealing	1.000	1.000	24.250	14.250	0.000	345.562	-
iv	beam	2.000	2.000	14.250	1.000	0.000	57.000	-
v	kit	1.000	2.000	4.750	9.500	0.000	90.250	-
vi		1.000	2.000	14.250	9.500	0.000	270.750	-
vii	cealing	1.000	1.000	4.750	14.250	0.000	67.688	-
viii	store	1.000	2.000	6.420	9.500	0.000	121.980	-
ix		1.000	2.000	6.250	9.500	0.000	118.750	-
x	cealing	1.000	1.000	6.420	6.250	0.000	40.125	-

xi		1.000	2.000	7.000	9.500	0.000	133.000	-
xii		1.000	2.000	6.250	9.500	0.000	118.750	-
xiii		1.000	1.000	7.000	6.250	0.000	43.750	-
xiv	ded door	2.000	0.500	4.000	6.830	0.000	-	27.320
xv		2.000	0.500	3.000	6.830	0.000	-	20.490
xvi	win	2.000	0.500	2.500	2.500	0.000	-	6.250
xvii		2.000	0.500	2.830	4.000	0.000	-	11.320
xviii		4.000	0.500	5.000	4.500	0.000	-	45.000
Total Quantity					2028.725 Sft (Square Foot)		188.474638675 Sqm (Square Meter)	
Amount					188.474638675 X 169.01634821378		31855.30	
Total Amount							155861.51	
Addition								
Provision for PH Work (+) @							22442.00	
Provision for EI Work (+) @							18700.00	
Provision for Contingency (+) @							2000.00	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							44142.00	
Grand Net Total Amount							200003.51	

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BDO
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