

Detailed Estimate

OD/346/3305/116240/393154/00062826 : Repair and renovation jamudiha AWC building

Block : Nilgiri, Gram Panchayat : Jamudiha

Created By:BAIDYANATH SINGH

1. 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	outside	1.000	1.000	23.500	11.500	0.000	270.250	-	
ii		1.000	2.000	13.660	11.500	0.000	314.180	-	
iii		1.000	1.000	23.500	3.000	0.000	70.500	-	
iv		1.000	2.000	7.160	3.000	0.000	42.960	-	
v	F-chaja	1.000	2.000	37.820	1.500	0.000	113.460	-	
vi	R-2	1.000	2.000	6.660	8.500	0.000	113.220	-	
vii		1.000	1.000	13.660	8.000	0.000	109.280	-	
viii	R-3	1.000	2.000	7.330	11.000	0.000	161.260	-	
ix		1.000	2.000	7.330	11.000	0.000	161.260	-	
x	B.wall	1.000	2.000	93.330	6.000	0.000	1119.960	-	
xi	win	2.000	0.500	3.500	3.750	0.000	-	13.125	
xii	Door	1.000	0.500	3.000	6.000	0.000	-	9.000	
xiii	door	1.000	0.500	2.500	6.580	0.000	-	8.225	
xiv	win	1.000	0.500	3.830	3.830	0.000	-	7.334	
Total Quantity					2438.64555 Sft (Square Foot)		226.55748753165 Sqm (Square Meter)		

Amount					226.55748753165 X 156.87859381801	35542.02		
2. Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work.								
Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	2.000	2.250	3.500	6.660	0.000	104.895	-
ii	win	2.000	2.750	3.500	3.750	0.000	72.188	-
iii		2.000	2.750	4.000	4.000	0.000	88.000	-
iv	DOOR	1.000	2.250	3.000	6.000	0.000	40.500	-
v	DOOR	1.000	2.250	2.500	6.580	0.000	37.013	-
vi	WIN	1.000	2.750	3.830	3.830	0.000	40.340	-
Total Quantity					382.934475 Sft (Square Foot)	35.575761530925 Sqm (Square Meter)		
Amount					35.575761530925 X 66.12221647451	2352.35		
3. 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	Gate	1.000	59.880	4.500	0.000	0.000	269.460	-
Total Quantity					269.46 Kg (Kilo Gram)	2.6946 Qntl (Quintal)		
Amount					2.6946 X 16257.286047087	43806.88		
4. Pile Foundation (AR1501a) : Single under reamed pile foundation 375 mm dia and 6.0 meter long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips.								

Single under-reamed pile foundation with RCC M-20 using 12mm size black granite (Crusher broken) stone chips including cost of boring and including the labour charges, convenience, royalty, taxes of all materials, labour and T&P required for the work etc. but excluding the cost of M.S./Tor steel complete and as per direction of Engineer-in charge. (375mm dia and 6.0 meter long).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	QNTY	4.500	1.000	1.000	1.000	0.000	4.500	-
Total Quantity					4.5 Nos (Number)		4.5 Nos (Number)	
Amount					4.5 X 8052.0046557922		36234.02	

5. Masonry Stone Work (AR0703) : Random rubble H.G. stone of masonry.

Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	G.B	1.000	27.580	0.830	0.830	0.000	19.000	-
ii	Cap	2.000	3.000	3.000	0.660	0.000	11.880	-
iii	CoIS/S	6.000	0.830	0.830	5.000	0.000	20.667	-
iv	Coping	1.000	27.580	0.830	0.330	0.000	7.554	-
v	Kit slab	1.000	3.660	1.750	0.330	0.000	2.114	-
Total Quantity					61.214674 Cft (Cubic Foot)		1.7334036807232 Cum (Cubic Meter)	
Amount					1.7334036807232 X 5133.0061895206		8897.57	

6. 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	QNTY	1.650	1.000	1.000	1.000	0.000	1.650	-

Total Quantity		1.65 Qntl (Quintal)		1.65 Qntl (Quintal)				
Amount		1.65 X 8938.697657		14748.85				
7. Masonry Brick Work (AR06059) : Brick work with K.B. bricks 25cm x 12cm x 8cm								
Brick work with K.B. bricks 25cm x 12cm x 8cm size having crushing strength not less than 75 Kg/cm ² with dimensional tolerance ± 8 percent in cement mortar (1:3) in foundation and plinth								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	10.000	0.410	5.000	0.000	20.500	-
ii		1.000	7.580	0.410	5.000	0.000	15.539	-
iii		1.000	10.000	0.830	0.250	0.000	2.075	-
iv		1.000	7.580	0.830	0.250	0.000	1.573	-
v		1.000	12.000	0.830	2.500	0.000	24.900	-
vi	col	6.000	0.830	0.830	5.000	0.000	-	20.667
Total Quantity					43.91985 Cft (Cubic Foot)		1.24366960848 Cum (Cubic Meter)	
Amount					1.24366960848 X 5973.17267148		7428.65	
8. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc								
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	GB	2.000	27.580	0.830	0.000	0.000	45.783	-
ii		6.000	3.330	5.000	0.000	0.000	99.900	-
Total Quantity					145.6828 Sft (Square Foot)		13.5343691684 Sqm (Square Meter)	
Amount					13.5343691684 X 216.23489289764		2926.60	

9. 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	Wall	2.000	17.580	6.000	0.000	0.000	210.960	-
Total Quantity					210.96 Sft (Square Foot)		19.59881688 Sqm (Square Meter)	
Amount					19.59881688 X 177.0027297548		3469.04	

10. 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	slab	1.000	1.000	24.500	21.830	0.000	534.835	-
Total Quantity					534.835 Sft (Square Foot)		49.687776005 Sqm (Square Meter)	
Amount					49.687776005 X 367.7349839148		18271.93	

11. 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	24.500	21.830	0.000	534.835	-
Total Quantity					534.835 Sft (Square Foot)		49.687776005 Sqm (Square Meter)	
Amount					49.687776005 X 100.34838709677		4986.09	

12. 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	Room	1.000	2.000	21.830	10.830	0.000	472.838	-
ii		1.000	2.000	12.000	10.830	0.000	259.920	-
iii	cealing	1.000	1.000	21.830	12.000	0.000	261.960	-
iv	ver	1.000	1.000	23.500	10.830	0.000	254.505	-
v		1.000	2.000	6.330	3.000	0.000	37.980	-
vi		1.000	1.000	21.830	3.000	0.000	65.490	-
vii	cealing	1.000	1.000	23.500	6.330	0.000	148.755	-
viii	R2	1.000	2.000	12.000	8.500	0.000	204.000	-
ix		1.000	2.000	5.830	8.500	0.000	99.110	-
x	R3	1.000	2.000	5.670	10.000	0.000	113.400	-
xi		1.000	2.000	5.670	10.000	0.000	113.400	-
xii	cealing	1.000	1.000	5.670	5.670	0.000	32.149	-
xiii	Door	2.000	0.500	3.500	6.660	0.000	-	23.310
xiv	Win	2.000	0.500	3.500	3.750	0.000	-	13.125
xv		2.000	0.500	4.000	4.000	0.000	-	16.000
xvi	Door	1.000	0.500	3.000	6.000	0.000	-	9.000
xvii		1.000	0.500	2.500	6.580	0.000	-	8.225
xviii	Win	1.000	0.500	3.830	3.830	0.000	-	7.334
Total Quantity					1986.51225 Sft (Square Foot)		184.55294756175 Sqm (Square Meter)	
Amount					184.55294756175 X 94.82017865		17499.34	

Total Amount	196163.36
Addition	
Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	2000.00
Display Citizen Board (+) @	1000.00
Any Other Lumpsum (+) @	836.00
Provision for survey investigation and quality control (+) @	
Total Addition	3836.00
Grand Net Total Amount	199999.36

BAIDYANATH SINGH
JE
Nilgiri Block

SARAT KUMAR UPADHYAYA
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block