

Detailed Estimate

OD/346/3305/116241/393323/00068348 : Const of AWC Boundary wall Asoknal

Block : Nilgiri, Gram Panchayat : K.C.Pur

Created By:BAIDYANATH SINGH

1. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside								
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	28.000	0.000	5.500	0.000	154.000	-
ii		1.000	62.000	0.000	6.580	0.000	407.960	-
iii		1.000	20.000	0.000	6.250	0.000	125.000	-
iv		1.000	20.000	0.000	7.410	0.000	148.200	-
Total Quantity					835.16 Sft (Square Foot)		77.58886948 Sqm (Square Meter)	
Amount					77.58886948 X 177.5024901172		13772.22	
2. 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	130.000	0.830	0.000	0.000	215.800	-
Total Quantity					215.8 Sft (Square Foot)		20.0484674 Sqm (Square Meter)	
Amount					20.0484674 X 216.23489289764		4335.18	
3. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	28.000	0.830	4.670	0.000	108.531	-
ii		1.000	62.000	0.830	5.750	0.000	295.895	-
iii		1.000	20.000	0.830	5.420	0.000	89.972	-
iv		1.000	20.000	0.830	6.580	0.000	109.228	-
v		1.000	130.000	0.125	0.330	0.000	5.363	-
vi	Column	13.000	0.830	0.830	5.500	0.000	-	49.256
Total Quantity					559.73195 Cft (Cubic Foot)		15.84981768176 Cum (Cubic Meter)	
Amount					15.84981768176 X 5501.952986848		87204.95	

4. Painting (AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) .

Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade 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).

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Same Qty 12mm thick	0.000	77.580	0.000	0.000	0.000	77.580	-
ii	Same Qty 16mm thick	0.000	77.580	0.000	0.000	0.000	77.580	-
Total Quantity					155.16 Sqm (Sqm)		155.16 Sqm (Square Meter)	
Amount					155.16 X 89.1545520875		13833.22	

5. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.

16mm thick cement Plaster in CM (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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	28.000	0.000	5.500	0.000	154.000	-
ii		1.000	62.000	0.000	6.580	0.000	407.960	-
iii		1.000	20.000	0.000	6.250	0.000	125.000	-
iv		1.000	20.000	0.000	7.410	0.000	148.200	-
Total Quantity					835.16 Sft (Square Foot)		77.58886948 Sqm (Square Meter)	
Amount					77.58886948 X 253.285331762		19652.12	

6. R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting

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. beams, column, grider and bressmer, etc. Data for 4.2sqm

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	13.000	3.330	5.500	0.000	0.000	238.095	-
Total Quantity					238.095 Sft (Square Foot)		22.119739785 Sqm (Square Meter)	
Amount					22.119739785 X 1047.3822930467		23167.82	

7. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		6.200	0.000	0.000	0.000	0.000	6.200	-
Total Quantity					6.2 Qntl (Quintal)		6.2 Qntl (Quintal)	

Amount				6.2 X 8652.2742113			53644.10	
8. 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	GB	1.000	130.000	0.830	0.830	0.000	89.557	-
ii	Cap	13.000	3.000	3.000	0.830	0.000	97.110	-
iii	Columns	13.000	0.830	0.830	5.500	0.000	49.256	-
Total Quantity					235.92335 Cft (Cubic Foot)		6.68059431728 Cum (Cubic Meter)	
Amount				6.68059431728 X 6914.5326010887			46193.19	
9. Pile Foundation (AR1501ca) : Single under reamed pile foundation 250 mm dia and 3.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips								
Single under reamed pile foundation 250 mm dia and 3.0 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (250mm dia and 3.0 meter long)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		13.000	0.000	0.000	0.000	0.000	13.000	-
Total Quantity					13 Nos (Number)		13 Nos (Number)	
Amount				13 X 2477.58823357			32208.65	
Total Amount							294011.45	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								

Provision for Contingency (+) @	988.54
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	5988.54
Grand Net Total Amount	299999.99

BAIDYANATH SINGH
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block