

Detailed Estimate

OD/346/3305/116245/393130/00068176 : Const of School Boundary at Gujudiha

Block : Nilgiri, Gram Panchayat : Mahisapata

Created By: MADHUSMITA MOHANTY

1. 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	1.000	300.000	2.000	0.660	0.000	396.000	-
ii	PB	1.000	300.000	2.000	0.330	0.000	198.000	-
Total Quantity					594 Sft (Square Foot)		55.184382 Sqm (Square Meter)	
Amount					55.184382 X 216.39264180804		11941.49	
2. 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	25.000	4.000	0.830	0.000	5.000	415.000	-
Total Quantity					415 Sft (Square Foot)		38.554745 Sqm (Square Meter)	
Amount					38.554745 X 1047.9038224181		40401.66	
3. 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	HYSD BAR	7.000	0.000	0.000	0.000	0.000	7.000	-
Total Quantity					7 Qntl (Quintal)		7 Qntl (Quintal)	
Amount					7 X 8440.5169649		59083.62	
4. R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	GB	1.000	300.000	0.830	0.660	0.000	164.340	-
ii	COLUMN	25.000	0.830	0.830	5.000	0.000	86.113	-
iii	PB	1.000	300.000	0.830	0.330	0.000	82.170	-
Total Quantity					332.6225 Cft (Cubic Foot)		9.418804808 Cum (Cubic Meter)	
Amount					9.418804808 X 6531.490189094		61518.83	
5. Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside								
12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, 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	1.000	300.000	2.000	6.000	0.000	3600.000	-
Total Quantity					3600 Sft (Square Foot)		334.4508 Sqm (Square Meter)	
Amount					334.4508 X 194.493537792		65048.52	
6. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth								

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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	WALL	1.000	300.000	0.830	5.000	0.000	1245.000	-
Total Quantity					1245 Cft (Cubic Foot)		35.254416 Cum (Cubic Meter)	
Amount					35.254416 X 5245.95292396		184943.01	

7. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)

Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces 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	WALL	1.000	300.000	2.000	6.000	0.000	3600.000	-
Total Quantity					3600 Sft (Square Foot)		334.4508 Sqm (Square Meter)	
Amount					334.4508 X 71.83753306751		24026.12	

8. 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	WALL	1.000	300.000	2.000	6.000	0.000	3600.000	-
Total Quantity					3600 Sft (Square Foot)		334.4508 Sqm (Square Meter)	
Amount					334.4508 X 94.76013415		31692.60	

9. Pile Foundation (AR1501c) : Single under-reamed pile foundation with RCC M20 using 12mm size black granite (Crusher broken) stone chips (250mm dia and 6.0 meter long).

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. (250mm dia and 6.0 meter long).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	PILE	50.000	0.000	0.000	0.000	0.420	21.000	-
Total Quantity					21 Nos (Number)		21 Nos (Number)	
Amount					21 X 4249.2805526194		89234.89	
Total Amount							567890.75	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							5800.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1309.25	
Provision for survey investigation and quality control (+) @								
Total Addition							12109.25	
Grand Net Total Amount							580000.00	

MADHUSMITA MOHANTY
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block