

Detailed Estimate

OD/346/3305/116252/393162/00067469 : Const of Boundary Wall Sinduria Primary School

Block : Nilgiri, Gram Panchayat : Siadimal

Created By:SANJEEB KUMAR PANDA

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	base	14.000	3.500	3.500	3.500	0.000	600.250	-
ii	G.b area	1.000	127.000	1.000	0.660	0.000	83.820	-
Total Quantity					684.07 Cft (Cubic Foot)		19.370673376 Cum (Cubic Meter)	
Amount					19.370673376 X 240.77592		4663.99	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours 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	base	14.000	3.500	3.500	0.330	0.000	56.595	-
ii	G.b area	1.000	127.000	1.000	0.250	0.000	31.750	-
Total Quantity					88.345 Cft (Cubic Foot)		2.501647696 Cum (Cubic Meter)	
Amount					2.501647696 X 1184.531232		2963.28	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering 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.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Base	14.000	3.500	3.500	0.500	0.000	85.750	-
ii	G,B area	1.000	127.000	1.000	0.330	0.000	41.910	-
Total Quantity					127.66 Cft (Cubic Foot)		3.614922688 Cum (Cubic Meter)	
Amount					3.614922688 X 6152.8437652		22242.05	

4. R.C.C. Work (AR0404B) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips.(Nominal mix as per IS-456, Table-9).

R.C.C. work of M-20 grade with 20mm & downgrade 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(Nominal mix as per IS-456, Table-9).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Base	14.000	3.000	3.000	0.660	0.000	83.160	-
ii	camber	14.000	2.000	2.000	1.000	0.000	56.000	-
iii	plint col	14.000	0.830	0.830	1.330	0.000	12.827	-
iv	G.B	1.000	127.000	0.830	0.830	0.000	87.490	-
v	COLUMN	14.000	0.830	0.830	4.500	0.000	43.401	-
Total Quantity					282.878318 Cft (Cubic Foot)		8.0102087551424 Cum (Cubic Meter)	
Amount					8.0102087551424 X 6494.915526724		52025.63	

5. 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		0.000	0.000	0.000	0.000	6.720	6.720	-

Total Quantity				6.72 Qntl (Quintal)			6.72 Qntl (Quintal)	
Amount				6.72 X 8427.9076199			56635.54	
6. 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CAMBER	14.000	4.000	2.000	1.000	0.000	112.000	-
ii	g.b	1.000	2.000	127.000	0.830	0.000	210.820	-
Total Quantity					322.82 Sft (Square Foot)		29.99094646 Sqm (Square Meter)	
Amount					29.99094646 X 216.39264180804		6489.82	
7. 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	plinth col	14.000	4.000	1.000	1.000	0.000	56.000	-
ii	col	14.000	4.000	1.000	4.500	0.000	252.000	-
Total Quantity					308 Sft (Square Foot)		28.614124 Sqm (Square Meter)	
Amount					28.614124 X 1047.9038224181		29984.85	
8. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i		2.000	127.000	0.000	5.500	0.000	1397.000	-
Total Quantity					1397 Sft (Square Foot)		129.785491 Sqm (Square Meter)	
Amount					129.785491 X 252.04602924		32711.92	
9. Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork								
Priming one coat in inner surface with primer of approved quality over woodwork 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		2.000	127.000	0.000	5.500	0.000	1397.000	-
Total Quantity					1397 Sft (Square Foot)		129.785491 Sqm (Square Meter)	
Amount					129.785491 X 70.08994432871		9096.66	
10. 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/cm ² 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	127.000	0.830	4.500	0.000	474.345	-
ii	col	14.000	0.830	0.830	4.500	0.000	-	43.401
Total Quantity					430.9443 Cft (Cubic Foot)		12.20296355424 Cum (Cubic Meter)	
Amount					12.20296355424 X 5378.49665816		65633.60	
11. 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		2.000	127.000	0.000	5.500	0.000	1397.000	-
Total Quantity					1397 Sft (Square Foot)		129.785491 Sqm (Square Meter)	
Amount					129.785491 X 94.76013415		12298.49	
Total Amount							294745.83	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							2254.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							5254.00	
Grand Net Total Amount							299999.83	

SANJEEB KUMAR PANDA
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block