

Detailed Estimate

OD/356/3402/118471/401472/00064605 : Rural Park Near Kaibarta Sahi temple
Block : Rasulpur, Gram Panchayat : Jabara
Created By:SASMITA NAYAK

1. Earth Work (AR0122Ai) : Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift								
Earth work in all kinds of soil 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 direction of the Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	COLUMN	37.000	0.900	0.900	0.760	0.000	22.777	-
ii	WALL FOUNDATION	1.000	103.400	0.450	0.330	0.000	15.355	-
Total Quantity					38.1321 cum (cum)		38.1321 Cum (Cubic Meter)	
Amount					38.1321 X 220.96043508		8425.69	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	COLUMN	37.000	0.900	0.900	0.100	0.000	2.997	-
ii	WALL	1.000	103.400	0.450	0.100	0.000	4.653	-
Total Quantity					7.65 cum (cum)		7.65 Cum (Cubic Meter)	
Amount					7.65 X 751.847232		5751.63	
3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Crusher 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	COLUMN	37.000	0.900	0.900	0.100	0.000	2.997	-
ii	WALL FOUNDATION	1.000	103.400	0.450	0.100	0.000	4.653	-
Total Quantity					7.65 cum (cum)		7.65 Cum (Cubic Meter)	
Amount					7.65 X 5952.73917766		45538.45	

4. 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 FOUNDATION	1.000	112.650	0.375	0.130	0.000	5.492	-
ii	COLUMN	37.000	0.250	0.250	0.130	0.000	-	0.301
Total Quantity					5.1910625 cum (cum)		5.1910625 Cum (Cubic Meter)	
Amount					5.1910625 X 4977.508915288		25838.56	

5. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	10" WALL	1.000	103.400	0.250	1.830	0.000	47.306	-
Total Quantity					47.3055 cum (cum)		47.3055 Cum (Cubic Meter)	
Amount					47.3055 X 4958.786040288		234577.85	

6. 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	COLUMN BASE	37.000	0.800	0.800	0.200	0.000	4.736	-
Total Quantity					4.736 cum (cum)		4.736 Cum (Cubic Meter)	
Amount					4.736 X 6493.6721172047		30754.03	

7. R.C.C. Work (AR0404Ab) : 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 Plinth band)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	PLINTH BAND	1.000	112.650	0.250	0.250	0.000	7.041	-
Total Quantity					7.040625 cum (cum)		7.040625 Cum (Cubic Meter)	
Amount					7.040625 X 7250.4942423464		51048.01	

8. R.C.C. Work (AR0404Ac) : 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 Beams, Column, Girder & Bressmer etc)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	COLUMN UPTO PLINTH	37.000	0.250	0.250	0.360	0.000	0.833	-

ii	COLUMN ABOVE PLINTH	37.000	0.250	0.250	1.830	0.000	4.232	-	
Total Quantity					5.064375 cum (cum)		5.064375 Cum (Cubic Meter)		
Amount					5.064375 X 14549.425504525		73683.75		

9. 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	M.S. ROD	1.000	0.000	0.000	0.000	15.110	15.110	-	
Total Quantity					15.11 Qntl (Quintal)		15.11 Qntl (Quintal)		
Amount					15.11 X 8429.867838		127375.30		

10. Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer

Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, 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 WALL	2.000	112.650	0.000	1.830	0.000	412.299	-	
Total Quantity					412.299 Sqm (Sqm)		412.299 Sqm (Square Meter)		
Amount					412.299 X 160.17640605073		66040.57		

11. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	OUTSIDE WALL	2.000	112.650	0.000	1.830	0.000	412.299	-

Total Quantity	412.299 Sqm (Sqm)	412.299 Sqm (Square Meter)
Amount	412.299 X 170.0503077332	70111.57
Total Amount		739145.42
Addition		
Provision for PH Work (+) @		
Provision for EI Work (+) @		
Provision for Contingency (+) @		7391.45
Display Citizen Board (+) @		727.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Total Addition		8118.45
Grand Net Total Amount		747263.87

SASMITA NAYAK
JE
Rasulpur Block

SATYANARAYAN SAHOO
AEE
Rasulpur Block

Satyananda Dash
BDO
Rasulpur Block