

Detailed Estimate

OD/361/3446/119317/386887/00067486 : CONST OF BOUNDARY WALL OF BRAHMANIDEVI SALA INDUPURA
Block : Ghasipura, Gram Panchayat : Gohira
Created By: Mrunmaya Routray

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	COLUMN	13.000	3.000	3.000	3.000	0.000	351.000	-
ii	WALL	1.000	137.000	2.000	2.000	0.000	548.000	-
iii	COL	13.000	1.000	1.000	1.000	0.000	-	13.000
Total Quantity						886 Cft (Cubic Foot)	25.0886848 Cum (Cubic Meter)	
Amount						25.0886848 X 240.77592	6040.75	
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	COLUMN	13.000	3.000	3.000	0.500	0.000	58.500	-
ii	WALL	1.000	137.000	2.000	0.330	0.000	90.420	-
iii	COL	13.000	1.000	1.000	0.330	0.000	-	4.290
Total Quantity						144.63 Cft (Cubic Foot)	4.095458784 Cum (Cubic Meter)	
Amount						4.095458784 X 978.652832	4008.03	
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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	COLUMN	13.000	3.000	3.000	0.500	0.000	58.500	-
ii	WALL	1.000	137.000	2.000	0.330	0.000	90.420	-
iii	COL	13.000	1.000	1.000	0.330	0.000	-	4.290
Total Quantity						144.63 Cft (Cubic Foot)	4.095458784 Cum (Cubic Meter)	
Amount						4.095458784 X 5850.14151724	23959.01	

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	1.000	137.000	1.500	1.000	0.000	205.500	-
ii	COL	13.000	0.830	0.830	0.830	0.000	-	7.433
Total Quantity						198.066769 Cft (Cubic Foot)	5.6086170844192 Cum (Cubic Meter)	
Amount						5.6086170844192 X 5217.198877632	29261.27	

5. 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
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i	COL BASE	13.000	3.000	3.000	0.830	0.000	97.110	-
ii	2ND FOOTING	13.000	0.830	0.830	2.000	0.000	17.911	-
Total Quantity					115.0214 Cft (Cubic Foot)		3.25703797952 Cum (Cubic Meter)	
Amount					3.25703797952 X 6384.8169272669		20795.59	

6. 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 BEND	1.000	137.000	0.830	0.830	0.000	94.379	-
Total Quantity					94.3793 Cft (Cubic Foot)		2.67251976224 Cum (Cubic Meter)	
Amount					2.67251976224 X 7142.191173595		19087.65	

7. 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 UP TO TOP	13.000	0.830	0.830	5.000	0.000	44.779	-
Total Quantity					44.7785 Cft (Cubic Foot)		1.2679838288 Cum (Cubic Meter)	
Amount					1.2679838288 X 14444.506447722		18315.40	

8. 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	4.100	4.100	-
Total Quantity					4.1 Qntl (Quintal)		4.1 Qntl (Quintal)	
Amount					4.1 X 9260.9715072		37969.98	

9. 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	WALL	1.000	137.000	0.830	5.000	0.000	568.550	-
ii	COLUMN	13.000	0.830	0.830	5.000	0.000	-	44.779
Total Quantity					523.7715 Cft (Cubic Foot)		14.8315328112 Cum (Cubic Meter)	
Amount					14.8315328112 X 5250.528877632		77873.39	

10. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.

12mm thick cement plaster (1:6) over Brick work in outside 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	137.000	0.000	5.420	0.000	1485.080	-
ii	F&P	2.000	137.000	0.000	1.000	0.000	274.000	-
Total Quantity					1759.08 Sft (Square Foot)		163.42380924 Sqm (Square Meter)	

Amount				163.42380924 X 175.1825633048		28629.00		
11. 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	WALL	2.000	137.000	0.000	5.420	0.000	1485.080	-
ii	F&P	2.000	137.000	0.000	1.000	0.000	274.000	-
Total Quantity					1759.08 Sft (Square Foot)		163.42380924 Sqm (Square Meter)	
Amount				163.42380924 X 160.75408487694		26271.04		
Total Amount							292211.13	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							4788.87	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							7788.87	
Grand Net Total Amount							300000.00	

Mrunmaya Routray
JE
Ghasipura Block

SWETAPADMA NANDA
AEE
Ghasipura Block

Binita Bijayeeni
BDO
Ghasipura Block