

Detailed Estimate

OD/346/3299/116067/392600/00016720 : Repair & Renovation of Kamachandi Thakurani, Vill/G.P.- Chhanua
Block : Baleshwar, Panchayat : Chanua
Created By: BHAGYADHAR ANUP KUMAR BEHERA

1. 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/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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Bric wall	1.000	130.000	0.830	1.000	1.000	107.900	-
Total Quantity					107.9 Cft (Cubic Foot)		3.05538272 Cum (Cubic Meter)	
Amount					3.05538272 X 5123.187688984		15653.30	
2. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Brick wall	1.000	130.000	0.830	1.160	1.000	125.164	-
Total Quantity					125.164 Cft (Cubic Foot)		3.5442439552 Cum (Cubic Meter)	
Amount					3.5442439552 X 5156.517688984		18275.96	
3. Earth Work (AR0101a14) : Earthwork in ordinary soil within 75m to 100m lead and three extra lift								
Earthwork in ordinary soil within 75m to 100m lead and three extra 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	B.Wall	1.000	130.000	0.830	0.500	0.000	53.950	-
ii	Flooring	1.000	50.400	30.400	0.500	0.000	766.080	-

Total Quantity	820.03 Cft (Cubic Foot)	23.220625504 Cum (Cubic Meter)
Amount	23.220625504 X 218.21656	5067.13

4. Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed

Filling foundation and plinth with crusher dust 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	B.Wall	1.000	130.000	0.830	0.500	0.000	53.950	-
ii	Flooring	1.000	50.400	30.400	0.500	0.000	766.080	-
Total Quantity						820.03 Cft (Cubic Foot)	23.220625504 Cum (Cubic Meter)	
Amount						23.220625504 X 1788.666772	41533.96	

5. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	B.Wall	1.000	130.000	0.830	0.330	0.000	35.607	-
ii	Flooring	1.000	50.400	30.400	0.330	0.000	505.613	-
Total Quantity						541.2198 Cft (Cubic Foot)	15.32561283264 Cum (Cubic Meter)	
Amount						15.32561283264 X 6348.63581838	97296.73	

6. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Flooring	1.000	50.400	30.400	0.330	0.000	505.613	-

Total Quantity				505.6128 Cft (Cubic Foot)			14.31733653504 Cum (Cubic Meter)	
Amount				14.31733653504 X 7975.86526906			114193.15	
7. 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	Flooring	1.000	80.800	0.000	1.160	0.000	93.728	-
Total Quantity				93.728 Sft (Square Foot)			8.707612384 Sqm (Square Meter)	
Amount				8.707612384 X 215.22489289764			1874.09	
Total Amount							293894.32	
Addition								
Display Citizen Board (+) @							1500.00	
Provision for Contingency (+) @							2938.94	
Provision for EI Work (+) @								
Provision for PH Work (+) @								
Any Other Lumpsum (+) @							1666.00	
Total Addition							6104.94	
Grand Net Total Amount							299999.26	