

Detailed Estimate

OD/362/3458/119569/408334/00070328 : PRESERVATION AND DEVELOPMENT OF TANK AT KHAJURIA OF GAMBHARIMUNDA

Block : Banapur, Gram Panchayat : Gambharimunda

Created By: ramesh chandra mahapatra

1. 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	GUARD WALL	1.000	168.500	3.000	0.500	0.000	252.750	-
ii	GUARD WALL	1.000	168.500	1.750	6.000	0.000	1769.250	-
Total Quantity					2022 Cft (Cubic Foot)		57.2565696 Cum (Cubic Meter)	
Amount					57.2565696 X 6012.8220415		344273.56	
2. 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	GUARD WALL	1.000	168.500	3.000	3.000	0.000	1516.500	-
Total Quantity					1516.5 Cft (Cubic Foot)		42.9424272 Cum (Cubic Meter)	
Amount					42.9424272 X 240.77592		10339.50	
3. 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	GUARD WALL	1.000	168.500	3.000	0.500	0.000	252.750	-
Total Quantity					252.75 Cft (Cubic Foot)		7.1570712 Cum (Cubic Meter)	
Amount					7.1570712 X 565.350732		4046.26	

4. Masonry Stone Work (AR0717i) : Laterite stone masonry in cement mortar (1:6) in superstructure

Laterite stone masonry in cement mortar (1:6) in superstructure cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	step 1	1.000	23.830	7.000	0.660	0.000	110.095	-
ii		1.000	23.830	1.660	0.660	0.000	26.108	-
iii		1.000	23.830	1.660	0.660	0.000	26.108	-
iv		1.000	23.830	6.330	0.660	0.000	99.557	-
v		4.000	23.830	1.660	0.660	0.000	104.433	-
vi		1.000	23.830	5.000	0.660	0.000	78.639	-
vii		6.000	23.830	1.660	0.660	0.000	156.649	-
viii		1.000	23.830	3.330	0.660	0.000	52.374	-
ix	side wall	2.000	38.000	1.660	3.000	0.000	378.480	-
x	step 2	1.000	17.660	7.000	0.660	0.000	81.589	-
xi		2.000	17.660	1.660	0.660	0.000	38.697	-
xii		1.000	17.660	5.330	0.660	0.000	62.124	-
xiii		4.000	17.660	1.660	0.660	0.000	77.393	-

xiv		1.000	17.660	3.330	0.660	0.000	38.813	-
xv	side wall	1.000	20.000	1.660	1.500	0.000	49.800	-
Total Quantity					1380.858396 Cft (Cubic Foot)		39.101491027853 Cum (Cubic Meter)	
Amount					39.101491027853 X 5707.7412698		223181.19	

5. 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	Guard wall	1.000	2.000	168.500	6.000	0.000	2022.000	-
ii		2.000	1.750	0.000	6.000	0.000	21.000	-
Total Quantity					2043 Sft (Square Foot)		189.800829 Sqm (Square Meter)	
Amount					189.800829 X 216.23489289764		41041.56	

6. Plastering (AR1008) : 20mm thick cement Plaster in CM (1:6) over brick work in inside.

20mm thick cement Plaster in CM (1:6) for stone 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	step 1	1.000	23.830	0.000	6.000	0.000	142.980	-
ii		2.000	23.830	0.000	1.330	0.000	63.388	-
iii		1.000	23.830	0.000	6.000	0.000	142.980	-
iv		4.000	23.830	0.000	1.330	0.000	126.776	-
v		1.000	23.830	0.000	4.660	0.000	111.048	-
vi		6.000	23.830	0.000	1.330	0.000	190.163	-

vii		1.000	23.830	0.000	3.000	0.000	71.490	-
viii	step 2	1.000	17.660	0.000	7.000	0.000	123.620	-
ix		2.000	17.660	0.000	1.330	0.000	46.976	-
x		1.000	17.660	0.000	5.000	0.000	88.300	-
xi		4.000	17.660	0.000	1.330	0.000	93.951	-
xii		1.000	17.660	0.000	3.000	0.000	52.980	-
Total Quantity					1254.6514 Sft (Square Foot)		116.5608790142 Sqm (Square Meter)	
Amount					116.5608790142 X 265.59585695		30958.09	
Total Amount							653840.16	
Addition								
Display Citizen Board (+) @							2900.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Provision for Contingency (+) @							6634.00	
Total Addition							9534.00	
Grand Net Total Amount							663374.16	

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JE
Banapur Block

SURESH MALIK
AEE
Banapur Block

Sri Bikash Kumar Mohanty
BDO
Banapur Block