

Detailed Estimate

OD/352/3356/275115/402383/00063940 : Repair & Maintenance of CC Road from Sarata Barik House to Hanuman Mandira

Block : Parajang, Gram Panchayat : Patharakhumba

Created By:rajanikanta behera

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	57.490	0.230	0.230	0.000	6.082	-
ii	Bed	1.000	57.490	3.200	0.100	0.000	18.397	-
Total Quantity					24.479242 cum (cum)		24.479242 Cum (Cubic Meter)	
Amount					24.479242 X 240.77592		5894.01	
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	Cut off	2.000	57.490	0.230	0.150	0.000	3.967	-
ii	Bed	1.000	57.490	3.200	0.050	0.000	9.198	-
Total Quantity					13.16521 cum (cum)		13.16521 Cum (Cubic Meter)	
Amount					13.16521 X 1484.198232		19539.78	
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	Cut Off	2.000	57.490	0.230	0.150	0.000	3.967	-
ii	Bed	1.000	57.490	3.200	0.100	0.000	18.397	-
Total Quantity					22.36361 cum (cum)		22.36361 Cum (Cubic Meter)	
Amount					22.36361 X 6212.92876216		138943.52	

4. 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	Cut off	4.000	57.490	0.000	0.150	0.000	34.494	-
ii	Wearing Coat	2.000	57.490	0.000	0.070	0.000	8.049	-
Total Quantity					42.5426 Sqm (Sqm)		42.5426 Sqm (Square Meter)	
Amount					42.5426 X 216.23489289764		9199.19	

5. 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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wearing Coat	1.000	57.490	3.650	0.075	0.000	15.738	-
Total Quantity					15.7378875 cum (cum)		15.7378875 Cum (Cubic Meter)	
Amount					15.7378875 X 7649.27700792		120383.46	
Total Amount							293959.96	

Addition	
Provision for Contingency (+) @	3000.00
Display Citizen Board (+) @	3040.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	6040.00
Grand Net Total Amount	299999.96

rajanikanta behera
JE
Parajang Block

Rani panda
AEE
Parajang Block

Sauvagya Behera
BDO
Parajang Block