

Detailed Estimate

OD/357/3404/118515/381128/00016325 : Improvement of Road from Kalyani Transport to Kuapani overhead Tank
Block : Jharsuguda, Gram Panchayat : Badmal
Created By:Swmiti Prava Naik

1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	earth work	1.000	58.000	4.260	0.150	0.000	37.062	-
ii	cutoff	2.000	58.000	0.230	0.230	0.000	6.136	-
Total Quantity					43.1984 cum (cum)		43.1984 Cum (Cubic Meter)	
Amount					43.1984 X 200.6466		8667.61	
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	58.000	0.220	0.100	0.000	2.552	-
ii	road	1.000	58.000	3.810	0.100	0.000	22.098	-
Total Quantity					24.65 cum (cum)		24.65 Cum (Cubic Meter)	
Amount					24.65 X 974.966332		24032.92	
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	road	1.000	58.000	3.810	0.100	0.000	22.098	-
ii	cut off	2.000	58.000	0.220	0.200	0.000	5.104	-
Total Quantity					27.202 cum (cum)		27.202 Cum (Cubic Meter)	

Amount						27.202 X 6053.741838	164673.89	
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	58.000	0.000	0.300	0.000	34.800	-
Total Quantity					34.8 Sqm (Sqm)		34.8 Sqm (Square Meter)	
Amount						34.8 X 216.23489289764	7524.97	
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 specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	58.000	4.260	0.100	0.000	24.708	-
Total Quantity					24.708 cum (cum)		24.708 Cum (Cubic Meter)	
Amount						24.708 X 7551.947053	186593.51	
Total Amount							391492.90	
Addition								
Provision for Contingency (+) @							3914.93	
Display Citizen Board (+) @							4592.00	
Any Other Lumpsum (+) @								
Total Addition							8506.93	
Grand Net Total Amount							399999.83	