

Detailed Estimate

OD/367/3527/275496/406387/00017157 : Maintenance of Baradwar Road
Block : Nayagarh, Gram Panchayat : Chandibasta
Created By: Monalisa Satapathy

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	40.200	0.225	0.150	1.000	2.714	-
Total Quantity					2.7135 cum (cum)		2.7135 Cum (Cubic Meter)	
Amount					2.7135 X 240.77592		653.35	
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	Cutoff	2.000	40.200	0.225	0.100	1.000	1.809	-
ii	Road	1.000	40.200	3.200	0.050	1.000	6.432	-
Total Quantity					8.241 cum (cum)		8.241 Cum (Cubic Meter)	
Amount					8.241 X 780.783732		6434.44	
3. 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	Cutoff	2.000	40.200	0.225	0.200	1.000	3.618	-
ii	Road	1.000	40.200	3.200	0.100	1.000	12.864	-
Total Quantity					16.482 cum (cum)		16.482 Cum (Cubic Meter)	

Amount					16.482 X 5171.4398043	85235.67		
4. 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	40.200	3.650	0.100	1.000	14.673	-
ii	Expansion Joints	10.000	3.650	0.006	0.100	1.000	-	0.022
Total Quantity					14.6511 cum (cum)		14.6511 Cum (Cubic Meter)	
Amount					14.6511 X 6958.8341581		101954.58	
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	40.200	0.000	0.250	1.000	20.100	-
Total Quantity					20.1 Sqm (Sqm)		20.1 Sqm (Square Meter)	
Amount					20.1 X 216.23489289764		4346.32	
Total Amount							198624.35	
Addition								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							500.00	
Any Other Lumpsum (+) @							875.60	
Total Addition							1375.60	
Grand Net Total Amount							199999.95	