

Detailed Estimate

OD/367/3527/120659/406303/00017156 : Maintenance of Kani Pokhari Backside Road and Bridge
Block : Nayagarh, Panchayat : Biruda
Created By: Muralidhar Rout

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	61.500	0.225	0.150	1.000	4.151	-
Total Quantity					4.15125 cum (cum)		4.15125 Cum (Cubic Meter)	
Amount					4.15125 X 235.56432		977.89	
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	61.500	0.225	0.100	1.000	2.768	-
ii	Road	1.000	61.500	3.200	0.050	1.000	9.840	-
Total Quantity					12.6075 cum (cum)		12.6075 Cum (Cubic Meter)	
Amount					12.6075 X 779.535372		9827.99	
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	61.500	0.225	0.200	1.000	5.535	-
ii	Road	1.000	61.500	3.200	0.100	1.000	19.680	-
Total Quantity					25.215 cum (cum)		25.215 Cum (Cubic Meter)	

Amount						25.215 X 5130.2318043	129358.79	
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	61.500	3.650	0.100	1.000	22.448	-
ii	Expansion Joint	16.000	3.650	0.006	0.100	1.000	-	0.035
Total Quantity						22.41246 cum (cum)	22.41246 Cum (Cubic Meter)	
Amount						22.41246 X 6905.5061581	154769.38	
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	1.000	61.500	0.000	0.250	1.000	15.375	-
Total Quantity						15.375 Sqm (Sqm)	15.375 Sqm (Square Meter)	
Amount						15.375 X 215.22489289764	3309.08	
Total Amount							298243.14	
Addition								
Provision for PH Work (+) @							0.00	
Provision for EI Work (+) @							0.00	
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							1756.00	
Any Other Lumpsum (+) @								
Total Addition							1756.00	
Grand Net Total Amount							299999.14	