

Detailed Estimate

OD/367/3527/120660/406280/00013753 : CONST OF CC ROAD FROM PWD ROAD TO KALYAN MANDAP OF CHAMPATIPUR

Block : Nayagarh, Panchayat : Champatipur

Created By: Santosh Kumar Mallick

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	1.000	39.500	0.225	0.100	0.000	0.889	-
Total Quantity					0.88875 cum (cum)		0.88875 Cum (Cubic Meter)	
Amount					0.88875 X 235.56432		209.36	
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	1.000	39.500	0.225	0.050	0.000	0.444	-
ii	road	1.000	39.500	2.975	0.100	0.000	11.751	-
Total Quantity					12.195625 cum (cum)		12.195625 Cum (Cubic Meter)	
Amount					12.195625 X 779.535372		9506.92	
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	1.000	39.500	0.225	0.150	0.000	1.333	-
ii	road	1.000	39.500	3.200	0.100	0.000	12.640	-
Total Quantity					13.973125 cum (cum)		13.973125 Cum (Cubic Meter)	

Amount						13.973125 X 5130.2318043	71685.37	
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 specifaicon and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	39.500	3.200	0.100	0.000	12.640	-
ii	Expansion Joint	12.000	3.200	0.006	0.100	0.000	-	0.023
Total Quantity					12.61696 cum (cum)		12.61696 Cum (Cubic Meter)	
Amount						12.61696 X 6905.5061581	87126.49	
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	39.500	0.000	0.300	0.000	11.850	-
Total Quantity					11.85 Sqm (Sqm)		11.85 Sqm (Square Meter)	
Amount						11.85 X 215.22489289764	2550.41	
Total Amount							171078.56	
Addition								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @							632.00	
Total Addition							1632.00	
Grand Net Total Amount							172710.56	