

Detailed Estimate

OD/367/3527/120665/406325/00013755 : CONST OF CCROAD FROM RAJA HUDA TO SMASAN OF ITAMATI

Block : Nayagarh, Panchayat : Itamati

Created By:Ranjan Kumar Dora

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	32.600	0.225	0.150	1.000	2.201	-
Total Quantity					2.2005 cum (cum)		2.2005 Cum (Cubic Meter)	
Amount					2.2005 X 235.56432		518.36	
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	Road	1.000	32.600	3.200	0.100	1.000	10.432	-
ii	Cutoff	2.000	32.600	0.225	0.050	1.000	0.734	-
Total Quantity					11.1655 cum (cum)		11.1655 Cum (Cubic Meter)	
Amount					11.1655 X 779.535372		8703.90	
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	32.600	0.225	0.200	1.000	2.934	-
ii	Road	1.000	32.600	3.650	0.100	1.000	11.899	-
Total Quantity					14.833 cum (cum)		14.833 Cum (Cubic Meter)	

Amount						14.833 X 5130.2318043	76096.73	
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	32.600	3.650	0.100	1.000	11.899	-
ii	Expansion Joint	7.000	3.650	0.006	0.100	1.000	-	0.015
Total Quantity						11.88367 cum (cum)	11.88367 Cum (Cubic Meter)	
Amount						11.88367 X 6905.5061581	82062.76	
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	32.600	0.000	0.300	1.000	19.560	-
Total Quantity						19.56 Sqm (Sqm)	19.56 Sqm (Square Meter)	
Amount						19.56 X 215.22489289764	4209.80	
Total Amount							171591.55	
Addition								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							1119.45	
Any Other Lumpsum (+) @							0.00	
Total Addition							1119.45	
Grand Net Total Amount							172711.00	