

Detailed Estimate

OD/359/3430/118985/415526/00017773 : Improvement Of Road At Lainpakhi

Block : Phulbani, Gram Panchayat : Keredi

Created By: SANTOSHI SAHOO

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	216.000	0.750	0.500	0.000	162.000	-
Total Quantity						162 Cft (Cubic Foot)	4.5873216 Cum (Cubic Meter)	
Amount						4.5873216 X 240.77592	1104.52	
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	216.000	0.750	0.160	0.000	51.840	-
ii	road	1.000	216.000	8.500	0.330	0.000	605.880	-
Total Quantity						657.72 Cft (Cubic Foot)	18.624525696 Cum (Cubic Meter)	
Amount						18.624525696 X 478.096832	8904.33	
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	216.000	0.750	1.000	0.000	324.000	-
ii	road	1.000	216.000	8.500	0.330	0.000	605.880	-

Total Quantity				929.88 Cft (Cubic Foot)			26.331225984 Cum (Cubic Meter)	
Amount				26.331225984 X 5449.1177004			143481.95	
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	216.000	10.000	0.290	0.000	626.400	-
Total Quantity				626.4 Cft (Cubic Foot)			17.73764352 Cum (Cubic Meter)	
Amount				17.73764352 X 8030.9823568			142450.70	
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	road	2.000	216.000	0.000	0.290	0.000	125.280	-
ii	cutoff	4.000	216.000	0.000	0.660	0.000	570.240	-
Total Quantity				695.52 Sft (Square Foot)			64.61589456 Sqm (Square Meter)	
Amount				64.61589456 X 216.23489289764			13972.21	
Total Amount							309913.71	
Addition								
Provision for Contingency (+) @							3147.00	
Display Citizen Board (+) @							1639.00	
Any Other Lumpsum (+) @								
Total Addition							4786.00	
Grand Net Total Amount							314699.71	