

Detailed Estimate

OD/357/3404/118529/381093/00016324 : Improvement of Road from Papu Rai House to PWD Road Bagharachaka
Block : Jharsuguda, Gram Panchayat : Rajpur
Created By: ROSY PATEL

1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil 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	Earthwork	1.000	79.000	3.650	0.100	0.000	28.835	-
ii	cutoff	2.000	79.000	0.200	0.200	0.000	6.320	-
Total Quantity					35.155 cum (cum)		35.155 Cum (Cubic Meter)	
Amount					35.155 X 200.6466		7053.73	
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	79.000	3.250	0.100	0.000	25.675	-
ii	cutoff	2.000	79.000	0.200	0.100	0.000	3.160	-
Total Quantity					28.835 cum (cum)		28.835 Cum (Cubic Meter)	
Amount					28.835 X 974.966332		28113.15	
3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Crusher 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	road	1.000	79.000	3.250	0.100	0.000	25.675	-
ii	cutoff	2.000	79.000	0.200	0.200	0.000	6.320	-
Total Quantity					31.995 cum (cum)		31.995 Cum (Cubic Meter)	

Amount						31.995 X 5990.620878	191669.91	
4. 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	79.000	0.000	0.200	0.000	31.600	-
Total Quantity					31.6 Sqm (Sqm)		31.6 Sqm (Square Meter)	
Amount						31.6 X 216.23489289764	6833.02	
5. 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 specificaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	79.000	3.650	0.075	0.000	21.626	-
Total Quantity					21.62625 cum (cum)		21.62625 Cum (Cubic Meter)	
Amount						21.62625 X 7492.771153	162040.54	
Total Amount							395710.37	
Addition								
Provision for Contingency (+) @							3957.10	
Display Citizen Board (+) @							332.00	
Any Other Lumpsum (+) @								
Total Addition							4289.10	
Grand Net Total Amount							399999.47	