

Detailed Estimate

OD/368/3534/120832/421620/00016416 : Improvement Of Road From Bawankera Basti To PWD Road
Block : Nuapada, Gram Panchayat : Bisora
Created By:SOUBHAGYA RANJAN BEHERA

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	cc road	1.000	78.500	3.300	0.050	1.000	12.953	-
Total Quantity					12.9525 cum (cum)		12.9525 Cum (Cubic Meter)	
Amount					12.9525 X 196.3036		2542.62	
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	cc road	1.000	78.500	3.300	0.100	1.000	25.905	-
Total Quantity					25.905 cum (cum)		25.905 Cum (Cubic Meter)	
Amount					25.905 X 448.507872		11618.60	
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	cc road	1.000	78.500	3.300	0.100	1.000	25.905	-
Total Quantity					25.905 cum (cum)		25.905 Cum (Cubic Meter)	
Amount					25.905 X 5355.93287436		138745.44	
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	cc road	1.000	78.500	3.300	0.075	1.000	19.429	-
Total Quantity					19.42875 cum (cum)		19.42875 Cum (Cubic Meter)	
Amount					19.42875 X 6914.30822932		134336.37	
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	CC road	2.000	78.500	0.000	0.200	1.000	31.400	-
Total Quantity					31.4 Sqm (Sqm)		31.4 Sqm (Square Meter)	
Amount					31.4 X 215.22489289764		6758.06	
Total Amount							294001.09	
Addition								
Provision for Contingency (+) @							2940.01	
Display Citizen Board (+) @							2800.00	
Any Other Lumpsum (+) @							258.00	
Total Addition							5998.01	
Grand Net Total Amount							299999.10	