

Detailed Estimate

OD/370/3557/121256/426647/00016754 : Improvement of CC road at Nadi Ghat,Achava
Block : Rayagada, Gram Panchayat : Gajigam
Created By:RANJIT JENA

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	Cut off wall	2.000	35.500	0.250	0.250	0.000	4.438	-
ii	Bed	1.000	35.500	3.150	0.100	0.000	11.183	-
Total Quantity					15.62 cum (cum)		15.62 Cum (Cubic Meter)	
Amount					15.62 X 235.56432		3679.51	
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	Cut off wall	2.000	35.500	0.250	0.050	0.000	0.888	-
ii	Bed	1.000	35.500	3.150	0.050	0.000	5.591	-
Total Quantity					6.47875 cum (cum)		6.47875 Cum (Cubic Meter)	
Amount					6.47875 X 614.248872		3979.56	
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	Cut off wall	2.000	35.500	0.250	0.250	0.000	4.438	-
ii	Bed	1.000	35.500	3.150	0.100	0.000	11.183	-

Total Quantity		15.62 cum (cum)		15.62 Cum (Cubic Meter)				
Amount		15.62 X 5154.99064332		80520.95				
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 specificaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Bed	1.000	35.500	3.650	0.100	0.000	12.958	-
Total Quantity		12.9575 cum (cum)		12.9575 Cum (Cubic Meter)				
Amount		12.9575 X 6741.26427484		87349.93				
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	Cut off wall	4.000	35.500	0.000	0.250	0.000	35.500	-
Total Quantity		35.5 Sqm (Sqm)		35.5 Sqm (Square Meter)				
Amount		35.5 X 215.22489289764		7640.48				
Total Amount		183170.45						
Addition								
Provision for Contingency (+) @		1831.70						
Display Citizen Board (+) @		1529.00						
Any Other Lumpsum (+) @								
Total Addition		3360.70						
Grand Net Total Amount		186531.15						