

Detailed Estimate

OD/350/3342/117105/399748/00017587 : Improvement of CC road from Brajakishore Pand ahouse to Sandha Chhaka CC Road.
Block : Nischinta Koili, Gram Panchayat : Nischintakoili
Created By:Rajesh Kumar Sahu

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	2.000	56.000	0.200	0.100	0.000	2.240	-
Total Quantity					2.24 cum (cum)		2.24 Cum (Cubic Meter)	
Amount					2.24 X 240.77592		539.34	
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	2.000	56.000	0.200	0.100	0.000	2.240	-
ii	Road	3.000	4.500	0.750	0.050	0.000	0.506	-
Total Quantity					2.74625 cum (cum)		2.74625 Cum (Cubic Meter)	
Amount					2.74625 X 1086.157232		2982.86	
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	2.000	56.000	0.200	0.100	0.000	2.240	-
ii	Road	3.000	4.500	0.750	0.075	0.000	0.759	-
iii	Road	1.000	10.000	3.500	0.100	0.000	3.500	-

Total Quantity		6.499375 cum (cum)		6.499375 Cum (Cubic Meter)				
Amount		6.499375 X 6214.82012856		40392.45				
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 specifaicon and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	31.000	3.150	0.075	0.000	7.324	-
ii	Road	1.000	22.000	3.500	0.070	0.000	5.390	-
Total Quantity		12.71375 cum (cum)		12.71375 Cum (Cubic Meter)				
Amount		12.71375 X 7734.89337472		98339.50				
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 side	2.000	35.000	1.000	0.200	0.000	14.000	-
Total Quantity		14 Sqm (Sqm)		14 Sqm (Square Meter)				
Amount		14 X 216.23489289764		3027.29				
Total Amount				145281.43				
Addition								
Provision for Contingency (+) @				1452.81				
Display Citizen Board (+) @				3265.00				
Any Other Lumpsum (+) @								
Total Addition				4717.81				
Grand Net Total Amount				149999.25				