

Detailed Estimate

OD/350/3342/117095/399740/00111932 : Improvement of CC road from Krushna Sahu House to Ratan Das
Block : Nischinta Koili, Gram Panchayat : Kenduapatna
Created By: Mama Behera

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	61.000	0.200	0.200	0.000	4.880	-
Total Quantity						4.88 cum (cum)	4.88 Cum (Cubic Meter)	
Amount						4.88 X 240.77592	1174.99	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	61.000	0.200	0.100	0.000	2.440	-
ii	Road	1.000	61.000	2.600	0.100	0.000	15.860	-
Total Quantity						18.3 cum (cum)	18.3 Cum (Cubic Meter)	
Amount						18.3 X 1086.157232	19876.68	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	61.000	0.200	0.100	0.000	2.440	-
ii	Road	1.000	61.000	3.000	0.100	0.000	18.300	-
Total Quantity						20.74 cum (cum)	20.74 Cum (Cubic Meter)	

Amount						20.74 X 6090.15944436	126309.91	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	61.000	3.000	0.100	0.000	18.300	-
Total Quantity						18.3 cum (cum)	18.3 Cum (Cubic Meter)	
Amount						18.3 X 7559.06192932	138330.83	
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	61.000	0.000	0.200	0.000	24.400	-
Total Quantity						24.4 Sqm (Sqm)	24.4 Sqm (Square Meter)	
Amount						24.4 X 216.23489289764	5276.13	
Total Amount (A) : 290968.54								
Additional Components								
#	Item Name						Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000						-	3000
2	Display Citizen Board @ Rs.5000						-	5000
3	Any Other Lumpsum @ Rs.1031						Vibrator	1031
4	Provision for survey investigation and quality control @ Rs.0.45						-	0.45
Additional Components Amount (F) : 9031.45								

Grand Total Amount (A + F) : 299999.98540448

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