

Detailed Estimate

OD/352/3353/117350/402382/00112108 : Improvement of Road with CC/ Grade-II metalling from Bangura Tikana Samal farm House to Narendra Samal House in Baunsapal GP
Block : Kamakhyanagar, Gram Panchayat : Baunsapal
Created By: JANMEJAYA 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	Cut-off wall	2.000	37.500	0.250	0.225	1.000	4.219	-
Total Quantity						4.21875 cum (cum)	4.21875 Cum (Cubic Meter)	
Amount						4.21875 X 240.77592	1015.77	
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	Cut-off wall	2.000	37.500	0.250	0.100	1.000	1.875	-
ii	Road surface	1.000	37.500	2.500	0.100	1.000	9.375	-
Total Quantity						11.25 cum (cum)	11.25 Cum (Cubic Meter)	
Amount						11.25 X 671.370432	7552.92	
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	Cut-off wall	2.000	37.500	0.250	0.125	1.000	2.344	-
ii	Road surface	1.000	37.500	3.000	0.100	1.000	11.250	-

Total Quantity	13.59375 cum (cum)	13.59375 Cum (Cubic Meter)
Amount	13.59375 X 6076.77446784	82606.15

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut-off wall	2.000	37.500	0.000	0.250	1.000	18.750	-
Total Quantity					18.75 Sqm (Sqm)		18.75 Sqm (Square Meter)	
Amount					18.75 X 216.23489289764		4054.40	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road surface	1.000	37.500	3.000	0.100	1.000	11.250	-
Total Quantity					11.25 cum (cum)		11.25 Cum (Cubic Meter)	
Amount					11.25 X 7494.72015808		84315.60	

Total Amount (A) : 179544.85

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.1865	-	1865
2	Display Citizen Board @ Rs.5122	-	5122

Additional Components Amount (F) : 6987

Grand Total Amount (A + F) : 186531.84971493

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