

Detailed Estimate

OD/350/3342/117076/399783/00101555 : Improvement of CC road with guard wall from pubansa chandana pokhari to bhagabat tunji

Block : Nischinta Koili, Gram Panchayat : Asueresswar

Created By:Pradeep Kumar Senapati

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	GUARD WALL	1.000	50.000	0.750	0.750	1.000	28.125	-
Total Quantity					28.125 cum (cum)		28.125 Cum (Cubic Meter)	
Amount					28.125 X 240.77592		6771.82	
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	G.WALL	1.000	50.000	0.750	0.150	1.000	5.625	-
Total Quantity					5.625 cum (cum)		5.625 Cum (Cubic Meter)	
Amount					5.625 X 1086.157232		6109.63	
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	G.WALL	1.000	50.000	0.750	0.150	1.000	5.625	-
ii	G.WALL	1.000	50.000	0.450	1.200	1.000	27.000	-
Total Quantity					32.625 cum (cum)		32.625 Cum (Cubic Meter)	

Amount						32.625 X 6090.15944436	198691.45	
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD SIDES	2.000	60.000	1.000	0.100	1.000	12.000	-
ii	G WALL	2.000	50.000	1.000	1.200	1.000	120.000	-
Total Quantity					132 Sqm (Sqm)		132 Sqm (Square Meter)	
Amount					132 X 216.39264180804		28563.83	
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 specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	WEARING COAT	1.000	60.000	3.000	0.100	1.000	18.000	-
Total Quantity					18 cum (cum)		18 Cum (Cubic Meter)	
Amount					18 X 7559.06192932		136063.11	
Total Amount (A) : 376199.85								
Additional Components								
#	Item Name					Remark	Amount (in Rs.)	
1	Provision for Contingency @ Rs.3870					-	3870	
2	Display Citizen Board @ Rs.5000					-	5000	
3	Any Other Lumpsum @ Rs.2597.75					PIPES	2597.75	
Additional Components Amount (F) : 11467.75								

Grand Total Amount (A + F) : 387667.60249867

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