

Detailed Estimate

OD/350/3342/117093/399765/00101559 : Improvement of CC road and Guard Wall from RD road to Kailash Mallick house
Block : Nischinta Koili, Gram Panchayat : Kantarpada
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	G.WALL	2.000	27.000	0.600	0.600	1.000	19.440	-
ii	CUTOOFS	2.000	27.000	0.200	0.200	1.000	2.160	-
Total Quantity						21.6 cum (cum)	21.6 Cum (Cubic Meter)	
Amount						21.6 X 240.77592	5200.76	
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	2.000	27.000	0.600	0.150	1.000	4.860	-
ii	ON ROAD	1.000	27.000	3.000	0.075	1.000	6.075	-
Total Quantity						10.935 cum (cum)	10.935 Cum (Cubic Meter)	
Amount						10.935 X 1086.157232	11877.13	
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	ON ROAD	1.000	27.000	3.000	0.100	1.000	8.100	-

ii	G.WALL BASE	2.000	27.000	0.600	0.150	1.000	4.860	-
iii	G.WALL	2.000	27.000	0.365	0.900	1.000	17.739	-
Total Quantity					30.699 cum (cum)		30.699 Cum (Cubic Meter)	
Amount					30.699 X 6090.15944436		186961.80	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	WEARING COAT	1.000	27.000	3.000	0.100	1.000	8.100	-
Total Quantity					8.1 cum (cum)		8.1 Cum (Cubic Meter)	
Amount					8.1 X 7559.06192932		61228.40	

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	SIDES	2.000	27.000	1.000	0.100	1.000	5.400	-
ii	CUTOFFS	4.000	27.000	1.000	0.100	1.000	10.800	-
iii	G.WALL	4.000	27.000	1.000	0.900	1.000	97.200	-
Total Quantity					113.4 Sqm (Sqm)		113.4 Sqm (Square Meter)	
Amount					113.4 X 216.39264180804		24538.93	

Total Amount (A) : 289807.02

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.2192.95	WEEP HOLE PVC PIPES	2192.95
Additional Components Amount (F) : 10192.95			
Grand Total Amount (A + F) : 299999.97119485			

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