

Detailed Estimate

OD/364/3484/119978/430290/00102585 : Construction of CC road from Kanai mallick house Todulal bairagi house at MV 15

Block : Malkangiri, Gram Panchayat : Tandapalli

Created By:Er Ch Roshan Patro

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 Wall	2.000	61.000	0.230	0.200	0.000	5.612	-
ii	Cross Cutoff Wall	2.000	3.290	0.230	0.200	0.000	0.303	-
Total Quantity					5.91468 cum (cum)		5.91468 Cum (Cubic Meter)	
Amount					5.91468 X 240.77592		1424.11	
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 Wall	2.000	61.000	0.230	0.050	0.000	1.403	-
ii	Cross Cutoff Wall	2.000	3.290	0.230	0.050	0.000	0.076	-
iii	Bed filling	1.000	60.310	3.290	0.100	0.000	19.842	-
Total Quantity					21.32066 cum (cum)		21.32066 Cum (Cubic Meter)	
Amount					21.32066 X 567.017232		12089.18	
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 Wall	2.000	61.000	0.230	0.350	0.000	9.821	-
ii	Cross Cutoff Wall	2.000	3.290	0.230	0.350	0.000	0.530	-
iii	C.C bed	1.000	60.310	3.290	0.100	0.000	19.842	-
Total Quantity							30.19268 cum (cum)	30.19268 Cum (Cubic Meter)
Amount							30.19268 X 5593.5690417	168884.84

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	Cutoff Wall	4.000	61.000	0.200	0.000	0.000	48.800	-
ii	CC Bed	2.000	61.000	0.100	0.000	0.000	12.200	-
Total Quantity							61 Sqm (Sqm)	61 Sqm (Square Meter)
Amount							61 X 216.23489289764	13190.33

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	C.C bed	1.000	61.000	3.750	0.100	0.000	22.875	-
Total Quantity							22.875 cum (cum)	22.875 Cum (Cubic Meter)
Amount							22.875 X 7070.4898399	161737.46

6. Earth Work (AR0114c) : Filling of foundation with excavated earth

Filling in foundation and plinth with excavated materials in all kinds of soil including watering and ramming as directed by the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	61.000	0.600	0.300	0.000	21.960	-
Total Quantity					21.96 cum (cum)		21.96 Cum (Cubic Meter)	
Amount					21.96 X 147.30633456		3234.85	

Total Amount (A) : 360560.76

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	3605.6076493148
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.2954	Hire charges of plate vibrator	2954
Additional Components Amount (F) : 11559.607649315			

Grand Total Amount (A + F) : 372120.37258079

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