

Detailed Estimate

OD/373/3588/121757/383800/00069955 : Construction of Cement Concrete Road from Palidihi Lingaraj Sa House to Philingibahal Road

Block : Sundargarh, Gram Panchayat : Birbira

Created By: Puspanjali Bilung

1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	70.000	3.650	0.000	0.000	255.500	-
Total Quantity					255.5 Sqm (Sqm)		255.5 Sqm (Square Meter)	
Amount					255.5 X 4.6662		1192.21	
2. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	70.000	0.225	0.125	0.000	3.938	-
Total Quantity					3.9375 cum (cum)		3.9375 Cum (Cubic Meter)	
Amount					3.9375 X 240.77592		948.06	
3. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	70.000	0.225	0.050	0.000	1.575	-
ii	Road	1.000	70.000	3.200	0.100	0.000	22.400	-

Total Quantity			23.975 cum (cum)				23.975 Cum (Cubic Meter)	
Amount			23.975 X 1086.460232				26047.88	
4. 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	70.000	0.225	0.075	0.000	2.363	-
ii	Road	1.000	70.000	3.200	0.100	0.000	22.400	-
Total Quantity			24.7625 cum (cum)				24.7625 Cum (Cubic Meter)	
Amount			24.7625 X 6377.35750552				157919.32	
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	Road	2.000	70.000	0.000	0.200	0.000	28.000	-
Total Quantity			28 Sqm (Sqm)				28 Sqm (Square Meter)	
Amount			28 X 216.23489289764				6054.58	
6. 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	70.000	3.650	0.100	0.000	25.550	-
Total Quantity			25.55 cum (cum)				25.55 Cum (Cubic Meter)	

Amount	25.55 X 7812.13509624	199600.05
Total Amount		391762.10
Addition		
Provision for Contingency (+) @		4000.00
Display Citizen Board (+) @		4237.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Total Addition		8237.00
Grand Net Total Amount		399999.10

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