

Detailed Estimate

**OD/365/3505/120318/390156/00072813 : Construction of CC Road from Bandhamundi middle road to Bhagaban
Mandal Badi to Panchanana Acharya at Bandhamundi
Block : Rasgovindpur, Gram Panchayat : Gadighaty
Created By:DIPAK KUMAR MURMU**

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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	118.500	10.000	0.000	0.000	1185.000	-
Total Quantity					1185 Sft (Square Foot)		110.090055 Sqm (Square Meter)	
Amount					110.090055 X 4.6662		513.70	
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff wall	2.000	118.500	0.750	0.660	0.000	117.315	-
Total Quantity					117.315 Cft (Cubic Foot)		3.321985392 Cum (Cubic Meter)	
Amount					3.321985392 X 240.77592		799.85	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	118.500	0.750	0.160	0.000	28.440	-

ii	Road	1.000	118.500	8.500	0.330	0.000	332.392	-
Total Quantity					360.8325 Cft (Cubic Foot)		10.217621736 Cum (Cubic Meter)	
Amount					10.217621736 X 1122.204132		11466.26	
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 Wall	2.000	118.500	0.750	1.160	0.000	206.190	-
ii	Road	1.000	118.500	8.500	0.330	0.000	332.392	-
Total Quantity					538.5825 Cft (Cubic Foot)		15.250932936 Cum (Cubic Meter)	
Amount					15.250932936 X 6755.8195323		103032.55	
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	1.000	118.500	10.000	0.330	0.000	391.050	-
Total Quantity					391.05 Cft (Cubic Foot)		11.07328464 Cum (Cubic Meter)	
Amount					11.07328464 X 8240.9583571		91254.48	
6. 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(In side)	2.000	118.500	0.000	0.660	0.000	156.420	-
ii		2.000	118.500	0.000	0.910	0.000	215.670	-
Total Quantity					372.09 Sft (Square Foot)		34.56827727 Sqm (Square Meter)	
Amount					34.56827727 X 216.23489289764		7474.87	
Total Amount							214541.71	
Addition								
Provision for Contingency (+) @							2145.42	
Display Citizen Board (+) @							3312.87	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							5458.29	
Grand Net Total Amount							220000.00	

DIPAK KUMAR MURMU
JE
Rasgovindpur Block

ANUPAM PRAKASH BEHERA
AEE
Rasgovindpur Block

ANANTA KUMAR HANSDA
BDO
Rasgovindpur Block