

Detailed Estimate

OD/347/3312/116379/380626/00075684 : CONSTRUCTION OF CC ROAD FROM BARPADAR TO SRIHARI NAGAR, GOBINDPUR

Block : Bargarh, Gram Panchayat : Gobindpur

Created By: SAHEB PRADHAN

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	2.000	98.700	0.230	0.150	0.000	6.810	-
Total Quantity					6.8103 cum (cum)		6.8103 Cum (Cubic Meter)	
Amount					6.8103 X 240.77592		1639.76	
2. 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	formation	1.000	98.700	3.300	0.000	0.000	325.710	-
Total Quantity					325.71 Sqm (Sqm)		325.71 Sqm (Square Meter)	
Amount					325.71 X 4.6662		1519.83	
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	formation	1.000	98.700	3.300	0.100	0.000	32.571	-
Total Quantity					32.571 cum (cum)		32.571 Cum (Cubic Meter)	

Amount					32.571 X 630.000832	20519.76		
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	98.700	0.230	0.150	0.000	6.810	-
ii	road	1.000	98.700	3.300	0.100	0.000	32.571	-
Total Quantity					39.3813 cum (cum)		39.3813 Cum (Cubic Meter)	
Amount					39.3813 X 5481.28989296		215860.32	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road topping	1.000	98.700	3.300	0.075	0.000	24.428	-
Total Quantity					24.42825 cum (cum)		24.42825 Cum (Cubic Meter)	
Amount					24.42825 X 7093.15672652		173273.41	
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	sides	4.000	98.700	0.000	0.250	0.000	98.700	-
ii	sides	2.000	98.700	0.000	0.075	0.000	14.805	-
Total Quantity					113.505 Sqm (Sqm)		113.505 Sqm (Square Meter)	

Amount		113.505 X 216.23489289764		24543.74				
7. Earth Work (AR0102b) : Earth work in hard soil or gravelly soil in embankment, roads etc. within 50m initial lead and 1.5m initial lift and Compaction with P.R.R								
Earth work in hard soil or gravelly soil in embankment, roads etc. 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 specification approved by the Department alongwith proper compaction with P.R.R. including hire and running charges of P.R.R. (section measurement to be taken on the finished compacted section of the fill) as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	berm	2.000	98.700	0.300	0.275	0.000	16.286	-
Total Quantity					16.2855 cum (cum)		16.2855 Cum (Cubic Meter)	
Amount		16.2855 X 208.2172638579		3390.92				
Total Amount		440747.73						
Addition								
Provision for Contingency (+) @					4252.00			
Display Citizen Board (+) @					5000.00			
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition					9252.00			
Grand Net Total Amount					449999.73			

SAHEB PRADHAN
JE
Bargarh Block

SANTOSH KUMAR BEHERA
AEE
Bargarh Block

BERCIUS DUNGUNG
BDO
Bargarh Block