

Detailed Estimate

**OD/362/3460/119601/407466/00066761 : Construction of CC Road from Jogisahi to Chandaka Crematorium,
Chandaka GP**

Block : Bhubaneswar, Gram Panchayat : Chandaka

Created By: Itishree P Behura

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	road	1.000	144.000	15.000	0.080	0.028	4.890	-
Total Quantity					4.89024 cum (cum)		4.89024 Cum (Cubic Meter)	
Amount					4.89024 X 240.77592		1177.45	
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	road	1.000	144.000	15.000	0.160	0.028	9.780	-
Total Quantity					9.78048 cum (cum)		9.78048 Cum (Cubic Meter)	
Amount					9.78048 X 502.629732		4915.96	
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	road	1.000	144.000	15.000	0.330	0.028	20.172	-
Total Quantity					20.17224 cum (cum)		20.17224 Cum (Cubic Meter)	

Amount						20.17224 X 5720.0028415	115385.27	
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	2.000	144.000	0.330	0.000	0.093	8.829	-
Total Quantity					8.829216 Sqm (Sqm)		8.829216 Sqm (Square Meter)	
Amount						8.829216 X 216.23489289764	1909.18	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	144.000	15.000	0.250	0.028	15.282	-
Total Quantity					15.282 cum (cum)		15.282 Cum (Cubic Meter)	
Amount						15.282 X 7166.3049645	109515.47	
Total Amount							232903.34	
Addition								
Provision for Contingency (+) @							2400.00	
Display Citizen Board (+) @							3380.50	
Any Other Lumpsum (+) @							1316.00	
Provision for survey investigation and quality control (+) @								
Total Addition							7096.50	

Grand Net Total Amount	239999.84
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**Itishree P Behura
JE
Bhubaneswar Block**

**Sri Niranjan Biswal
AEE
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**Deviprasad Mohanty
BDO
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