

Detailed Estimate

**OD/373/3588/121767/383819/00068123 : Construction of Cement Concrete Road from Radheshyam House to AWC
Centre at Sunamunda**

Block : Sundargarh, Gram Panchayat : Majhapara

Created By:TRUPTI LATA BEHERA

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	84.000	3.600	0.150	0.000	45.360	-
ii	CUTOFF	2.000	84.000	0.200	0.150	0.000	5.040	-
Total Quantity					50.4 cum (cum)		50.4 Cum (Cubic Meter)	
Amount					50.4 X 240.77592		12135.11	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	84.000	3.600	0.100	0.000	30.240	-
ii	DEDUCTION CUTOFF	2.000	84.000	0.200	0.050	0.000	-	1.680
Total Quantity					28.56 cum (cum)		28.56 Cum (Cubic Meter)	
Amount					28.56 X 1125.910832		32156.01	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	ROAD	1.000	84.000	3.600	0.100	0.000	30.240	-	
Total Quantity					30.24 cum (cum)		30.24 Cum (Cubic Meter)		
Amount					30.24 X 6404.54390782		193673.41		
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	84.000	0.200	0.000	0.000	33.600	-	
Total Quantity					33.6 Sqm (Sqm)		33.6 Sqm (Square Meter)		
Amount					33.6 X 216.23489289764		7265.49		
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.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	ROAD	1.000	84.000	3.600	0.100	0.000	30.240	-	
ii	DEDUCTION	0.000	0.000	0.000	0.000	0.000	1.000	-	
iii	THERMOCOOL	24.000	3.600	0.013	0.100	0.000	0.108	-	
Total Quantity					31.348 cum (cum)		31.348 Cum (Cubic Meter)		
Amount					31.348 X 7841.52449034		245816.11		
Total Amount							491046.13		
Addition									
Provision for Contingency (+) @							3000.00		

Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	953.85
Provision for survey investigation and quality control (+) @	
Total Addition	8953.85
Grand Net Total Amount	499999.98

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