

Detailed Estimate

OD/353/3360/117495/413916/00070821 : Construction of CC Road at Nayak sahi and Mallik Sahi Ranikhama
Block : Mohona, Gram Panchayat : Chandiput
Created By:Shibani Padhy

1. Earth Work (AR0103a) : Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift								
Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	2.000	53.000	0.230	0.230	0.000	5.607	-
ii	Lavelling	1.000	53.000	3.050	0.150	0.000	24.248	-
Total Quantity					29.8549 cum (cum)		29.8549 Cum (Cubic Meter)	
Amount					29.8549 X 312.915372		9342.06	
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		1.000	53.000	0.230	0.100	0.000	1.219	-
ii		1.000	53.000	3.050	0.100	0.000	16.165	-
Total Quantity					17.384 cum (cum)		17.384 Cum (Cubic Meter)	
Amount					17.384 X 1019.901232		17729.96	
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	Cut off	2.000	53.000	0.230	0.150	0.000	3.657	-
ii		1.000	53.000	3.050	0.100	0.000	16.165	-
Total Quantity					19.822 cum (cum)		19.822 Cum (Cubic Meter)	
Amount					19.822 X 5681.42686312		112617.24	
4. 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		1.000	53.000	3.650	0.100	0.000	19.345	-
Total Quantity					19.345 cum (cum)		19.345 Cum (Cubic Meter)	
Amount					19.345 X 7184.14347744		138977.26	
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		2.000	2.000	53.000	0.300	0.000	63.600	-
Total Quantity					63.6 Sqm (Sqm)		63.6 Sqm (Square Meter)	
Amount					63.6 X 216.39264180804		13762.57	
Total Amount							292429.09	
Addition								
Provision for Contingency (+) @							2924.29	
Display Citizen Board (+) @							3000.00	

Any Other Lumpsum (+) @	1646.00
Provision for survey investigation and quality control (+) @	
Total Addition	7570.29
Grand Net Total Amount	299999.38

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JE
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Narayan Padhy
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BDO
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