

Detailed Estimate

OD/369/3538/120923/408564/00071350 : "CONSTRUCTION OF CC ROAD FROM MATHA HOUSE TO KANAS MONOR CANAL"

Block : Delanga, Gram Panchayat : Singhberhampur

Created By: LOPAMUDRA PATI

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	CUT OFF	2.000	30.500	0.225	0.150	0.000	2.059	-
ii		2.000	30.500	0.225	0.150	0.000	2.059	-
iii		2.000	12.200	0.225	0.150	0.000	0.824	-
Total Quantity					4.941 cum (cum)		4.941 Cum (Cubic Meter)	
Amount					4.941 X 240.77592		1189.67	
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	CUT OFF	2.000	30.500	0.225	0.050	0.000	0.686	-
ii		2.000	30.500	0.225	0.050	0.000	0.686	-
iii		2.000	12.200	0.225	0.050	0.000	0.275	-
iv	rOAD base	1.000	30.500	2.600	0.100	0.000	7.930	-
v		1.000	30.500	2.600	0.100	0.000	7.930	-
vi		1.000	12.200	2.600	0.100	0.000	3.172	-
Total Quantity					20.679 cum (cum)		20.679 Cum (Cubic Meter)	

Amount					20.679 X 605.053832	12511.91		
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	30.500	0.225	0.300	0.000	4.118	-
ii		2.000	30.500	0.225	0.300	0.000	4.118	-
iii		2.000	12.200	0.225	0.300	0.000	1.647	-
iv	Road base	1.000	30.500	2.600	0.100	0.000	7.930	-
v		1.000	30.500	2.600	0.100	0.000	7.930	-
vi		1.000	12.200	2.600	0.100	0.000	3.172	-
Total Quantity					28.914 cum (cum)		28.914 Cum (Cubic Meter)	
Amount					28.914 X 5991.97649394		173252.01	
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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wearing coat	1.000	30.500	3.050	0.087	0.000	8.093	-
ii		1.000	30.500	3.050	0.087	0.000	8.093	-
iii		1.000	12.200	3.050	0.087	0.000	3.237	-
Total Quantity					19.42362 cum (cum)		19.42362 Cum (Cubic Meter)	
Amount					19.42362 X 7485.92009878		145403.67	

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	30.500	0.000	0.287	0.000	17.507	-
ii		2.000	30.500	0.000	0.287	0.000	17.507	-
iii		2.000	12.200	0.000	0.287	0.000	7.003	-
Total Quantity					42.0168 Sqm (Sqm)		42.0168 Sqm (Square Meter)	
Amount					42.0168 X 216.23489289764		9085.50	
Total Amount							341442.76	
Addition								
Provision for Contingency (+) @							3500.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							8500.00	
Grand Net Total Amount							349942.76	

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JE
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SUBRAT KUMAR BARIK
AEE
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