

Detailed Estimate

OD/362/3462/119639/408144/00064058 : Maintenance and Improvement of CC Road from RD Road to Biribadi High School East Side, Biribadi GP.

Block : Chilika, Gram Panchayat : Biribadi

Created By: BHAGYASHREE 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	198.000	11.330	0.250	0.000	560.835	-
ii	CUT OFF	2.000	198.000	0.500	0.500	0.000	99.000	-
Total Quantity					659.835 Cft (Cubic Foot)		18.684415728 Cum (Cubic Meter)	
Amount					18.684415728 X 240.77592		4498.76	
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	198.000	11.330	0.250	0.000	560.835	-
Total Quantity					560.835 Cft (Cubic Foot)		15.881052528 Cum (Cubic Meter)	
Amount					15.881052528 X 1214.477732		19287.18	
3. 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	ROAD	2.000	198.000	0.000	0.540	0.000	213.840	-
Total Quantity					213.84 Sft (Square Foot)		19.86637752 Sqm (Square Meter)	
Amount					19.86637752 X 216.23489289764		4295.80	
4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	198.000	12.330	0.330	0.000	805.642	-
ii	CUT OFF	2.000	198.000	0.500	0.750	0.000	148.500	-
Total Quantity					954.1422 Cft (Cubic Foot)		27.01825384896 Cum (Cubic Meter)	
Amount					27.01825384896 X 5824.8348118		157376.87	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	198.000	12.330	0.210	0.000	512.681	-
Total Quantity					512.6814 Cft (Cubic Foot)		14.51749666752 Cum (Cubic Meter)	
Amount					14.51749666752 X 7457.4590886		108263.64	
Total Amount							293722.25	
Addition								

Provision for Contingency (+) @	2937.22
Display Citizen Board (+) @	770.00
Any Other Lumpsum (+) @	2570.50
Provision for survey investigation and quality control (+) @	
Total Addition	6277.72
Grand Net Total Amount	299999.97

BHAGYASHREE BEHERA
JE
Chilika Block

MADHUSMITA TRPATHY
AEE
Chilika Block

Poonam Mahapatra
BDO
Chilika Block