

Detailed Estimate

OD/361/3449/119408/387232/00075345 : CONST OF CC ROAD FROM AGIRIA TO NADIGHAT

Block : Hatadihi, Gram Panchayat : Samana

Created By:PRAFULLA CHANDRA 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	Earth work in excavation of foundation	1.000	83.150	3.300	0.150	0.000	41.159	-
Total Quantity					41.15925 cum (cum)		41.15925 Cum (Cubic Meter)	
Amount					41.15925 X 240.77592		9910.16	
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	Filling (F&P) with sand well awtred rammed etc complete	1.000	83.150	3.300	0.150	0.000	41.159	-
Total Quantity					41.15925 cum (cum)		41.15925 Cum (Cubic Meter)	
Amount					41.15925 X 978.652832		40280.62	
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	c.c. (1:3:6) using 40 mm size h.g. c.b. metal etc complete.	1.000	83.150	3.300	0.100	0.000	27.440	-
Total Quantity					27.4395 cum (cum)		27.4395 Cum (Cubic Meter)	
Amount					27.4395 X 5886.65286574		161526.81	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Rigid & smooth centering shuttering etc complete	2.000	83.150	0.000	0.175	0.000	29.103	-
Total Quantity					29.1025 Sqm (Sqm)		29.1025 Sqm (Square Meter)	
Amount					29.1025 X 216.23489289764		6292.98	

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	C.C (1:2:4) using 12mm size h.g. c.b. chips	1.000	83.150	3.300	0.085	0.000	23.324	-
Total Quantity					23.323575 cum (cum)		23.323575 Cum (Cubic Meter)	
Amount					23.323575 X 7349.66267538		171420.41	

6. Earth Work (AR0114) : Filling of foundation with escalated earth

Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Filling (F&P) with excavated earth	2.000	83.150	0.600	0.200	0.000	19.956	-
Total Quantity					19.956 cum (cum)		19.956 Cum (Cubic Meter)	
Amount					19.956 X 99.54497784		1986.52	
Total Amount							391417.49	
Addition								
Provision for Contingency (+) @							3914.17	
Display Citizen Board (+) @							3900.33	
Any Other Lumpsum (+) @							3064.00	
Provision for survey investigation and quality control (+) @								
Total Addition							10878.50	
Grand Net Total Amount							402295.99	

PRAFULLA CHANDRA BEHERA
JE
Hatadihi Block

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AEE
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