

Detailed Estimate

OD/344/3277/115586/404803/00071372 : Construction of CC road at Madhyapur village to Sagar road
Block : Athmallik, Gram Panchayat : Kampala
Created By:Sandeep Kumar 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	CUT OFF WALL	2.000	55.000	0.225	0.200	0.000	4.950	-
Total Quantity					4.95 cum (cum)		4.95 Cum (Cubic Meter)	
Amount					4.95 X 240.77592		1191.84	
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	C C ROAD BASE	1.000	55.000	3.050	0.100	0.000	16.775	-
ii	CUT OFF WALL	2.000	55.000	0.225	0.100	0.000	2.475	-
Total Quantity					19.25 cum (cum)		19.25 Cum (Cubic Meter)	
Amount					19.25 X 647.009232		12454.93	
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 ROAD	1.000	55.000	3.050	0.100	0.000	16.775	-
ii	CUT OFF WALL	2.000	55.000	0.225	0.250	0.000	6.188	-
iii	CUT OFF WALL	2.000	3.200	0.225	0.250	0.000	0.360	-
Total Quantity					23.3225 cum (cum)		23.3225 Cum (Cubic Meter)	
Amount					23.3225 X 5518.70311288		128709.95	

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	C C ROAD (WEARING COAT)	1.000	55.000	3.500	0.090	0.000	17.325	-
Total Quantity					17.325 cum (cum)		17.325 Cum (Cubic Meter)	
Amount					17.325 X 6974.89502256		120840.06	

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	CUT OFF WALL	4.000	55.000	0.250	0.000	0.000	55.000	-
ii	CUT OFF WALL	4.000	3.050	0.250	0.000	0.000	3.050	-
iii	WEAR COAT	2.000	55.000	0.100	0.000	0.000	11.000	-
iv	WEAR COAT	2.000	3.500	0.100	0.000	0.000	0.700	-

Total Quantity	69.75 Sqm (Sqm)	69.75 Sqm (Square Meter)
Amount	69.75 X 216.39264180804	15093.39
Total Amount		278290.16
Addition		
Provision for Contingency (+) @		2857.00
Display Citizen Board (+) @		2000.00
Any Other Lumpsum (+) @		2573.00
Provision for survey investigation and quality control (+) @		
Total Addition		7430.00
Grand Net Total Amount		285720.16

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TITAS MAHANANDIA
BDO
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