

Detailed Estimate

OD/346/3304/116215/393507/00075486 : Const of CC road from Anadi Barik House to Pitamber Barik house
Block : Khaira, Gram Panchayat : Kaithagadia
Created By:KARTIK 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	Guard wall	1.000	70.000	3.000	4.000	0.000	840.000	-
ii	Cut off wall	1.000	50.000	0.830	0.830	0.000	34.445	-
Total Quantity					874.445 Cft (Cubic Foot)		24.761484176 Cum (Cubic Meter)	
Amount					24.761484176 X 240.77592		5961.97	
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	Guard wall	1.000	70.000	3.000	0.500	0.000	105.000	-
ii	c/w wall	1.000	50.000	0.830	0.160	0.000	6.640	-
Total Quantity					111.64 Cft (Cubic Foot)		3.161287552 Cum (Cubic Meter)	
Amount					3.161287552 X 1503.287232		4752.32	
3. 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	Guard wall	1.000	70.000	2.000	3.500	0.000	490.000	-
ii	C/W WALL	1.000	50.000	0.830	0.660	0.000	27.390	-
iii	Pavement	1.000	5.000	5.000	0.330	0.000	8.250	-
Total Quantity					525.64 Cft (Cubic Foot)		14.884442752 Cum (Cubic Meter)	
Amount					14.884442752 X 6731.1701187		100189.72	

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	pavement	1.000	400.000	10.000	0.330	0.000	1320.000	-
Total Quantity					1320 Cft (Cubic Foot)		37.378176 Cum (Cubic Meter)	
Amount					37.378176 X 8315.4280609		310815.53	

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	Guard wall	2.000	70.000	0.000	3.500	0.000	490.000	-
ii	C/W wall	2.000	50.000	0.000	0.750	0.000	75.000	-
iii	pavement	2.000	400.000	0.000	0.330	0.000	264.000	-
Total Quantity					829 Sft (Square Foot)		77.016587 Sqm (Square Meter)	

Amount	77.016587 X 216.23489289764	16653.67
Total Amount		438373.22
Addition		
Provision for Contingency (+) @		4383.73
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		2243.00
Provision for survey investigation and quality control (+) @		
Total Addition		11626.73
Grand Net Total Amount		449999.95

KARTIK BEHERA
JE
Khaira Block

Uttam Ku Sahoo
AEE
Khaira Block

Narayan Sahu
BDO
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