

Detailed Estimate

**OD/346/3304/116225/393534/00063505 : Improvement of Road with CC / Grade II Metalling from Kudia ahi incomplete
Cc road to Main road
Block : Khaira, Gram Panchayat : Palasa
Created By:AMIYA KUMAR DAS**

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	Wall	2.000	90.000	0.660	0.150	0.000	17.820	-
Total Quantity					17.82 Cft (Cubic Foot)		0.504605376 Cum (Cubic Meter)	
Amount					0.504605376 X 240.77592		121.50	
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	wall	2.000	90.000	0.660	0.150	0.000	17.820	-
ii	road	1.000	90.000	10.680	0.330	0.000	317.196	-
Total Quantity					335.016 Cft (Cubic Foot)		9.4865810688 Cum (Cubic Meter)	
Amount					9.4865810688 X 1568.331232		14878.10	
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	Wall	2.000	90.000	0.660	0.580	0.000	68.904	-
ii	road	1.000	90.000	10.580	0.330	0.000	314.226	-
Total Quantity					383.13 Cft (Cubic Foot)		10.849015584 Cum (Cubic Meter)	
Amount					10.849015584 X 6770.09380574		73448.85	
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	road	1.000	90.000	12.000	0.330	0.000	356.400	-
ii		1.000	5.000	12.000	0.330	0.000	19.800	-
Total Quantity					376.2 Cft (Cubic Foot)		10.65278016 Cum (Cubic Meter)	
Amount					10.65278016 X 8331.67820138		88755.54	
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	Wall	2.000	100.000	0.000	0.830	0.000	166.000	-
Total Quantity					166 Sft (Square Foot)		15.421898 Sqm (Square Meter)	
Amount					15.421898 X 216.23489289764		3334.75	
Total Amount							180538.74	
Addition								

Provision for Contingency (+) @	902.69
Display Citizen Board (+) @	2000.00
Any Other Lumpsum (+) @	3090.56
Provision for survey investigation and quality control (+) @	
Total Addition	5993.25
Grand Net Total Amount	186531.99

AMIYA KUMAR DAS
JE
Khaira Block

Bibhuti Bhusan Nayak
AEE
Khaira Block

Narayan Sahu
BDO
Khaira Block