

Detailed Estimate

OD/373/3585/121716/384431/00074703 : Construction of Cement Concrete Road from Kaju Bagan to Ghogeya Road
Block : Nuagaon, Gram Panchayat : Kandarkela
Created By: Sandeep Senapati

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	63.000	0.200	0.200	0.000	5.040	-
Total Quantity					5.04 cum (cum)		5.04 Cum (Cubic Meter)	
Amount					5.04 X 240.77592		1213.51	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	63.000	0.200	0.100	0.000	2.520	-
ii	Road	1.000	63.000	2.650	0.100	0.000	16.695	-
Total Quantity					19.215 cum (cum)		19.215 Cum (Cubic Meter)	
Amount					19.215 X 571.117832		10974.03	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	2.000	63.000	0.200	0.200	0.000	5.040	-

ii	Road	1.000	63.000	3.050	0.100	0.000	19.215	-
Total Quantity					24.255 cum (cum)		24.255 Cum (Cubic Meter)	
Amount					24.255 X 5683.74066202		137859.13	
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	63.000	3.050	0.100	0.000	19.215	-
Total Quantity					19.215 cum (cum)		19.215 Cum (Cubic Meter)	
Amount					19.215 X 7142.35859574		137240.42	
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	Road	2.000	63.000	0.000	0.200	0.000	25.200	-
Total Quantity					25.2 Sqm (Sqm)		25.2 Sqm (Square Meter)	
Amount					25.2 X 217.02363744964		5469.00	
Total Amount							292756.09	
Addition								
Provision for Contingency (+) @							2927.56	
Display Citizen Board (+) @							4316.00	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
Total Addition	7243.56
Grand Net Total Amount	299999.65

Sandeep Senapati
JE
Nuagaon Block

Mahadeb Murmu
AEE
Nuagaon Block

BDO Nuagaon
BDO
Nuagaon Block