

Detailed Estimate

**OD/347/3312/116384/380613/00077438 : Construction of C.C Road from Nila Mallik House to Kalakanhu Barik House
at Siddheswar Nagar**

Block : Bargarh, Gram Panchayat : Khaliapali

Created By:SHYAM SUNDAR MAJHI

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	Cutoff	2.000	250.000	1.000	0.250	0.000	125.000	-
Total Quantity					125 Cft (Cubic Foot)		3.5396 Cum (Cubic Meter)	
Amount					3.5396 X 240.77592		852.25	
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	CC road	1.000	250.000	12.000	0.330	0.000	990.000	-
Total Quantity					990 Cft (Cubic Foot)		28.033632 Cum (Cubic Meter)	
Amount					28.033632 X 630.000832		17661.21	
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	CC road	1.000	250.000	12.000	0.250	0.000	750.000	-

ii	Cutoff	2.000	250.000	1.000	0.250	0.000	125.000	-
Total Quantity					875 Cft (Cubic Foot)		24.7772 Cum (Cubic Meter)	
Amount					24.7772 X 5481.28989296		135811.02	
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Out side	2.000	250.000	0.000	0.660	0.000	330.000	-
ii	In side	2.000	250.000	0.000	0.330	0.000	165.000	-
Total Quantity					495 Sft (Square Foot)		45.986985 Sqm (Square Meter)	
Amount					45.986985 X 216.39264180804		9951.25	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC road	1.000	210.000	12.000	0.250	0.000	630.000	-
ii	CC road	1.000	40.000	12.000	0.200	0.000	96.000	-
Total Quantity					726 Cft (Cubic Foot)		20.5579968 Cum (Cubic Meter)	
Amount					20.5579968 X 7093.15672652		145821.09	
Total Amount							310096.82	
Addition								

Provision for Contingency (+) @	3100.97
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	1802.00
Provision for survey investigation and quality control (+) @	
Total Addition	9902.97
Grand Net Total Amount	319999.78

SHYAM SUNDAR MAJHI
JE
Bargarh Block

SANTOSH KUMAR BEHERA
AEE
Bargarh Block

BERCIUS DUNGUNG
BDO
Bargarh Block