

Detailed Estimate

OD/346/3309/116314/393717/00062632 : Const. of cc road from Sanatan Mohapatra house to PMGSY road
Block : Soro, Gram Panchayat : Gopinathpur
Created By:Chandra Sekhar Mohapatra

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	C/O	2.000	137.000	0.750	0.500	0.000	102.750	-
Total Quantity					102.75 Cft (Cubic Foot)		2.9095512 Cum (Cubic Meter)	
Amount					2.9095512 X 240.77592		700.55	
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/O	2.000	137.000	0.750	0.330	0.000	67.815	-
ii	Road bed	1.000	137.000	8.500	0.330	0.000	384.285	-
Total Quantity					452.1 Cft (Cubic Foot)		12.80202528 Cum (Cubic Meter)	
Amount					12.80202528 X 1540.455232		19720.95	
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/o wall	2.000	137.000	0.750	0.500	0.000	102.750	-
ii	Road foundation	1.000	137.000	10.000	0.330	0.000	452.100	-
Total Quantity					554.85 Cft (Cubic Foot)		15.71157648 Cum (Cubic Meter)	
Amount					15.71157648 X 6014.16976126		94492.09	

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	wearing coat	1.000	37.000	10.000	0.250	0.000	92.500	-
ii	do	1.000	100.000	10.000	0.270	0.000	270.000	-
Total Quantity					362.5 Cft (Cubic Foot)		10.26484 Cum (Cubic Meter)	
Amount					10.26484 X 7465.21477962		76629.24	

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	C/O wall	2.000	137.000	2.000	0.330	0.000	180.840	-
ii	Road sides	1.000	37.000	2.000	0.580	0.000	42.920	-
iii	do	1.000	100.000	2.000	0.600	0.000	120.000	-
Total Quantity					343.76 Sft (Square Foot)		31.93633528 Sqm (Square Meter)	
Amount					31.93633528 X 216.23489289764		6905.75	

Total Amount	198448.57
Addition	
Provision for Contingency (+) @	2020.00
Display Citizen Board (+) @	1569.42
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	3589.42
Grand Net Total Amount	202037.99

Chandra Sekhar Mohapatra
JE
Soro Block

Nirmala Kanta Parida
AEE
Soro Block

Satyanath Naik
BDO
Soro Block