

Detailed Estimate

OD/346/3309/116328/394014/00063276 : Maint. of road and Bridges from Saraswatipur incomplete CC road to Satyabrata Pati house , Saraswatipur
Block : Soro, Gram Panchayat : Saknar
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	68.000	0.750	0.500	0.000	51.000	-
Total Quantity					51 Cft (Cubic Foot)		1.4441568 Cum (Cubic Meter)	
Amount					1.4441568 X 240.77592		347.72	
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	68.000	0.750	0.330	0.000	33.660	-
ii	Road bed	1.000	68.000	8.500	0.330	0.000	190.740	-
Total Quantity					224.4 Cft (Cubic Foot)		6.35428992 Cum (Cubic Meter)	
Amount					6.35428992 X 1493.995232		9493.28	
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	2.000	68.000	0.750	0.500	0.000	51.000	-
ii	Road foundation	1.000	68.000	10.000	0.330	0.000	224.400	-
Total Quantity					275.4 Cft (Cubic Foot)		7.79844672 Cum (Cubic Meter)	
Amount					7.79844672 X 6143.35926526		47908.66	

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	68.000	10.000	0.250	0.000	170.000	-
Total Quantity					170 Cft (Cubic Foot)		4.813856 Cum (Cubic Meter)	
Amount					4.813856 X 7586.32993962		36519.50	

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	68.000	2.000	0.500	0.000	136.000	-
ii	C C road sides	1.000	68.000	2.000	0.580	0.000	78.880	-
Total Quantity					214.88 Sft (Square Foot)		19.96299664 Sqm (Square Meter)	
Amount					19.96299664 X 216.23489289764		4316.70	
Total Amount							98585.85	

Addition	
Provision for Contingency (+) @	1000.00
Display Citizen Board (+) @	414.14
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	1414.14
Grand Net Total Amount	99999.99

Chandra Sekhar Mohapatra
JE
Soro Block

Nirmala Kanta Parida
AEE
Soro Block

Satyanath Naik
BDO
Soro Block