

Detailed Estimate

OD/346/3303/116173/391495/00018360 : Const. of CC Road from Temple Chhaka to Kailash Dey House, Chakarjuni
Block : Jaleswar, Gram Panchayat : Aruha
Created By: SUNANDA BEHERA

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 Wall	1.000	52.500	0.750	0.500	1.000	19.688	-
ii	Cutoff Wall	1.000	52.500	1.500	1.500	1.000	118.125	-
Total Quantity					137.8125 Cft (Cubic Foot)		3.902409 Cum (Cubic Meter)	
Amount					3.902409 X 240.77592		939.61	
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	Cutoff Wall	1.000	52.500	0.750	0.160	1.000	6.300	-
ii	Cutoff Wall	1.000	52.500	1.500	0.330	1.000	25.988	-
iii	Road Bed	1.000	52.500	6.750	0.500	1.000	177.188	-
Total Quantity					209.475 Cft (Cubic Foot)		5.93166168 Cum (Cubic Meter)	
Amount					5.93166168 X 940.010232		5575.82	
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	Cutoff Wall	1.000	52.500	0.750	0.830	1.000	32.681	-
ii	Cutoff Wall	1.000	52.500	1.500	1.670	1.000	131.512	-
iii	Road Bed	1.000	52.500	9.000	0.330	1.000	155.925	-
Total Quantity					320.11875 Cft (Cubic Foot)		9.06473862 Cum (Cubic Meter)	
Amount					9.06473862 X 6944.79446524		62952.75	

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	Cutoff Wall	1.000	52.500	0.500	0.000	2.000	52.500	-
ii	Cutoff Wall	1.000	52.500	1.500	0.000	2.000	157.500	-
iii	Road Bed	1.000	52.500	0.580	0.000	2.000	60.900	-
Total Quantity					270.9 Sft (Square Foot)		25.1674227 Sqm (Square Meter)	
Amount					25.1674227 X 216.23489289764		5442.07	

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 specifaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Bed	1.000	52.500	9.000	0.290	1.000	137.025	-

Total Quantity	137.025 Cft (Cubic Foot)	3.88010952 Cum (Cubic Meter)
Amount	3.88010952 X 8372.64506388	32486.78
Total Amount		107397.03
Addition		
Provision for Contingency (+) @		1100.00
Display Citizen Board (+) @		1502.96
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Total Addition		2602.96
Grand Net Total Amount		109999.99

SUNANDA BEHERA
JE
Jaleswar Block

Soumya Ranjan Sahoo
AEE
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Gouranga Charan Ghosh
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Jaleswar Block