

Detailed Estimate

OD/346/3301/116134/392171/00018271 : Imp. of Road with CC/ Gr-II Metalling from RD Road to Sudhir Das House at Sanaasti

Block : Basta, Gram Panchayat : Raghunathpur

Created By: PRAKASH CHANDRA NAIK

1. Earth Work (AR0101a1) : Earthwork in ordinary soil within 50m to 75m lead and 1.5m, initial lift								
Earthwork in ordinary soil within 50m to 75m 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 direction of the Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off Wall	2.000	83.000	0.660	0.660	0.000	72.310	-
Total Quantity					72.3096 Cft (Cubic Foot)		2.04757648128 Cum (Cubic Meter)	
Amount					2.04757648128 X 163.317		334.40	
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	Cut off Wall	2.000	83.000	0.660	0.250	0.000	27.390	-
ii	Road Bed	1.000	50.000	7.885	0.330	0.000	130.102	-
iii	Road Bed	1.000	24.000	22.135	0.330	0.000	175.309	-
iv	Road Bed	1.000	9.000	10.873	0.330	0.000	32.294	-
Total Quantity					365.0954999109 Cft (Cubic Foot)		10.338336251877 Cum (Cubic Meter)	
Amount					10.338336251877 X 1367.139232		14133.95	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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 Wall	2.000	83.000	0.660	0.410	0.000	44.920	-	
ii	Above Cut off Wall	2.000	83.000	0.660	0.250	0.000	27.390	-	
iii	Road Bed	1.000	50.000	9.205	0.330	0.000	151.883	-	
iv	Road Bed	1.000	24.000	23.455	0.330	0.000	185.764	-	
v	Road Bed	1.000	9.000	12.193	0.330	0.000	36.214	-	
Total Quantity					446.1698999901 Cft (Cubic Foot)		12.63410382404 Cum (Cubic Meter)		
Amount					12.63410382404 X 6752.91029194		85316.97		

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 specification and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Road bed	1.000	50.000	9.205	0.290	0.000	133.473	-	
ii	Road bed	1.000	24.000	23.455	0.290	0.000	163.247	-	
iii	Road bed	1.000	9.000	12.193	0.290	0.000	31.825	-	
Total Quantity					328.5438999913 Cft (Cubic Foot)		9.3033119072736 Cum (Cubic Meter)		
Amount					9.3033119072736 X 8344.18436478		77628.55		

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	Cut off Wall	2.000	83.000	2.000	0.250	0.000	83.000	-
ii	Road Bed	2.000	83.000	1.000	0.620	0.000	102.920	-
Total Quantity					185.92 Sft (Square Foot)		17.27252576 Sqm (Square Meter)	
Amount					17.27252576 X 216.23489289764		3734.92	
Total Amount							181148.79	
Addition								
Provision for Contingency (+) @							1860.00	
Display Citizen Board (+) @							1500.00	
Any Other Lumpsum (+) @							1491.00	
Provision for survey investigation and quality control (+) @								
Total Addition							4851.00	
Grand Net Total Amount							185999.79	

PRAKASH CHANDRA NAIK
JE
Basta Block

BIKRAM KUMAR JENA
AEE
Basta Block

Mihir Ranjan Behera
BDO
Basta Block