

Detailed Estimate

OD/346/3301/116132/392309/00018263 : Impv. Of Road with CC/ Gr-II Metalling from Chitasen badi to Lunia Pokhari at Biripada

Block : Basta, Gram Panchayat : Purusottampur

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	108.000	0.750	0.750	0.000	121.500	-
Total Quantity					121.5 Cft (Cubic Foot)		3.4404912 Cum (Cubic Meter)	
Amount					3.4404912 X 163.317		561.89	
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	108.000	0.750	0.250	0.000	40.500	-
ii	Road Bed	1.000	50.000	8.330	0.330	0.000	137.445	-
iii	Road Bed	1.000	58.000	8.160	0.330	0.000	156.182	-
Total Quantity					334.1274 Cft (Cubic Foot)		9.46141876032 Cum (Cubic Meter)	
Amount					9.46141876032 X 1348.555232		12759.25	
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	108.000	0.750	0.500	0.000	81.000	-
ii	Above Cut off Wall	2.000	108.000	0.750	0.330	0.000	53.460	-
iii	Road Bed	1.000	50.000	9.830	0.330	0.000	162.195	-
iv	Road Bed	1.000	58.000	9.660	0.330	0.000	184.892	-
Total Quantity					481.5474 Cft (Cubic Foot)		13.63588141632 Cum (Cubic Meter)	
Amount					13.63588141632 X 6686.98489726		91182.93	

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	Road Bed	1.000	50.000	9.830	0.290	0.000	142.535	-
ii	Road bed	1.000	58.000	9.660	0.290	0.000	162.481	-
Total Quantity					305.0162 Cft (Cubic Foot)		8.63708273216 Cum (Cubic Meter)	
Amount					8.63708273216 X 8284.95097962		71557.81	

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	108.000	2.000	0.330	0.000	142.560	-
ii	Road Bed	1.000	108.000	2.000	0.620	0.000	133.920	-
Total Quantity					276.48 Sft (Square Foot)		25.68582144 Sqm (Square Meter)	

Amount	25.68582144 X 216.23489289764	5554.17
Total Amount		181616.05
Addition		
Provision for Contingency (+) @		1860.00
Display Citizen Board (+) @		1500.00
Any Other Lumpsum (+) @		1023.95
Provision for survey investigation and quality control (+) @		
Total Addition		4383.95
Grand Net Total Amount		186000.00

PRAKASH CHANDRA NAIK
JE
Basta Block

BIKRAM KUMAR JENA
AEE
Basta Block

Mihir Ranjan Behera
BDO
Basta Block