

Detailed Estimate

OD/361/3452/119471/386007/00066942 : CONSTRUCTION OF NEW CC/PAVER ROAD FROM RD ROAD TO MEDICAL
Block : Kendujhar Sadar, Gram Panchayat : Sankiri
Created By:Ratikanta Lenka

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	Cut off	2.000	247.000	0.830	0.500	0.000	205.010	-
Total Quantity					205.01 Cft (Cubic Foot)		5.805227168 Cum (Cubic Meter)	
Amount					5.805227168 X 240.77592		1397.76	
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		1.000	50.000	12.580	0.200	0.000	125.800	-
ii		1.000	51.000	12.000	0.200	0.000	122.400	-
iii		1.000	41.000	12.125	0.200	0.000	99.425	-
iv		1.000	50.000	12.125	0.200	0.000	121.250	-
v		1.000	37.000	12.000	0.200	0.000	88.800	-
vi		0.000	18.000	11.000	0.200	0.000	39.600	-
Total Quantity					597.275 Cft (Cubic Foot)		16.91291672 Cum (Cubic Meter)	
Amount					16.91291672 X 1053.089832		17810.82	

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	Cut off	2.000	247.000	0.830	0.500	0.000	205.010	-
ii		1.000	50.000	12.580	0.290	0.000	182.410	-
iii		1.000	51.000	12.830	0.290	0.000	189.756	-
iv		1.000	41.000	12.125	0.290	0.000	144.166	-
v		1.000	50.000	12.125	0.290	0.000	175.812	-
vi		1.000	37.000	12.000	0.330	0.000	146.520	-
vii		1.000	18.000	11.000	0.290	0.000	57.420	-
Total Quantity					1101.09445 Cft (Cubic Foot)		31.17947132176 Cum (Cubic Meter)	
Amount					31.17947132176 X 6075.04023724		189416.54	

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 specifaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	50.000	12.580	0.200	0.000	125.800	-
ii		1.000	51.000	12.000	0.200	0.000	122.400	-
iii		1.000	41.000	12.125	0.200	0.000	99.425	-
iv		1.000	50.000	12.125	0.200	0.000	121.250	-
v		1.000	37.000	12.000	0.200	0.000	88.800	-
vi		1.000	18.000	11.000	0.200	0.000	39.600	-

Total Quantity		597.275 Cft (Cubic Foot)		16.91291672 Cum (Cubic Meter)				
Amount		16.91291672 X 7545.78654588		127621.26				
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		2.000	247.000	0.000	0.660	0.000	326.040	-
Total Quantity		326.04 Sft (Square Foot)		30.29009412 Sqm (Square Meter)				
Amount		30.29009412 X 216.23489289764		6549.78				
Total Amount				342796.16				
Addition								
Provision for Contingency (+) @				3500.00				
Display Citizen Board (+) @				2667.00				
Any Other Lumpsum (+) @				1036.75				
Provision for survey investigation and quality control (+) @								
Total Addition				7203.75				
Grand Net Total Amount				349999.91				

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