

Detailed Estimate

OD/365/3503/120293/387734/00072783 : Repair & Maintenance of CC road from Sanmouda Radha Pulia Chaka to Kuna Nona House
Block : Rairangpur, Gram Panchayat : Badmouda
Created By:AMITA RANI MAJHI

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	85.000	12.000	0.500	0.028	14.433	-
ii	Cutoff	2.000	85.000	0.830	0.830	0.028	3.314	-
Total Quantity					17.7472979 cum (cum)		17.7472979 Cum (Cubic Meter)	
Amount					17.7472979 X 240.77592		4273.12	
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	Road	1.000	85.000	10.330	0.330	0.028	8.200	-
ii	Cut off	2.000	85.000	0.830	0.160	0.028	0.639	-
Total Quantity					8.83900975 cum (cum)		8.83900975 Cum (Cubic Meter)	
Amount					8.83900975 X 890.914132		7874.80	
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.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	50.000	12.000	0.330	0.028	5.603	-
ii		1.000	35.000	12.000	0.330	0.028	3.922	-
iii	Cut off	2.000	85.000	0.830	0.500	0.028	1.997	-
Total Quantity					11.522345 cum (cum)		11.522345 Cum (Cubic Meter)	
Amount					11.522345 X 5630.9962683		64882.28	

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	1.000	50.000	12.000	0.330	0.028	5.603	-
ii		1.000	35.000	12.000	0.330	0.028	3.922	-
iii		1.000	50.000	12.000	0.300	0.028	5.094	-
iv		1.000	15.000	12.000	0.250	0.028	1.274	-
Total Quantity					15.89328 cum (cum)		15.89328 Cum (Cubic Meter)	
Amount					15.89328 X 7316.2326571		116278.93	

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	Road	2.000	85.000	0.660	0.000	0.093	10.423	-
ii		2.000	65.000	0.330	0.000	0.093	3.985	-

Total Quantity	14.40879 Sqm (Sqm)	14.40879 Sqm (Square Meter)
Amount	14.40879 X 216.23489289764	3115.68
Total Amount		196424.82
Addition		
Provision for Contingency (+) @		0.00
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		574.00
Provision for survey investigation and quality control (+) @		0.00
Total Addition		3574.00
Grand Net Total Amount		199998.82

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