

Detailed Estimate

OD/359/3425/118914/415800/00066862 : Improvement of CC road from Bradinaju to ME School
Block : G.Udayagiri, Gram Panchayat : Gresingia
Created By: CHAKRADHAR PURTY

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	2.000	16.150	0.230	0.230	0.000	1.709	-
ii	Cutoff	2.000	16.150	0.230	0.230	0.000	1.709	-
iii	Cutoff	2.000	11.880	0.230	0.230	0.000	1.257	-
iv	Cutoff	2.000	2.500	0.230	0.230	0.000	0.265	-
Total Quantity					4.938744 cum (cum)		4.938744 Cum (Cubic Meter)	
Amount					4.938744 X 240.77592		1189.13	
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	2.000	16.150	0.230	0.050	0.000	0.371	-
ii	Cutoff	2.000	16.150	0.230	0.050	0.000	0.371	-
iii	Cutoff	2.000	11.880	0.230	0.050	0.000	0.273	-
iv	Cutoff	2.000	2.500	0.230	0.050	0.000	0.058	-
Total Quantity					1.07364 cum (cum)		1.07364 Cum (Cubic Meter)	
Amount					1.07364 X 579.298832		621.96	

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	Cutoff	2.000	16.150	0.230	0.200	0.000	1.486	-
ii	Cutoff	2.000	16.150	0.230	0.200	0.000	1.486	-
iii	Cutoff	2.000	11.880	0.230	0.200	0.000	1.093	-
iv	Cutoff	2.000	2.500	0.230	0.200	0.000	0.230	-
v	Road	1.000	16.150	3.410	0.100	0.000	5.507	-
vi	Road	1.000	16.150	2.280	0.100	0.000	3.682	-
vii	Road	1.000	11.880	2.205	0.100	0.000	2.620	-
viii	Road	1.000	2.500	4.035	0.100	0.000	1.009	-
Total Quantity					17.1122 cum (cum)		17.1122 Cum (Cubic Meter)	
Amount					17.1122 X 5848.35307994		100078.19	

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	1.000	16.150	3.410	0.070	0.000	3.855	-
ii	Road	1.000	16.150	2.280	0.070	0.000	2.578	-
iii	Road	1.000	11.880	2.205	0.070	0.000	1.834	-
iv	Road	1.000	2.500	4.035	0.070	0.000	0.706	-
Total Quantity					8.972348 cum (cum)		8.972348 Cum (Cubic Meter)	

Amount		8.972348 X 8429.83433428		75635.41				
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	16.150	0.000	0.170	0.000	5.491	-
ii	Road	2.000	16.150	0.000	0.170	0.000	5.491	-
iii	Road	2.000	11.880	0.000	0.170	0.000	4.039	-
iv	Road	2.000	2.500	0.000	0.170	0.000	0.850	-
Total Quantity					15.8712 Sqm (Sqm)		15.8712 Sqm (Square Meter)	
Amount		15.8712 X 216.70813962884		3439.42				
Total Amount							180964.10	
Addition								
Provision for Contingency (+) @							1535.89	
Display Citizen Board (+) @							2500.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							4035.89	
Grand Net Total Amount							184999.99	

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