

Detailed Estimate

**OD/355/3389/118117/397974/00015507 : Construction of CC Road at Kolar from Ujja Nana House to 19 no Canal Bandha, Vill-
KoLar, GP-Alipingal
Block : Jagatsinghpur, Gram Panchayat : Alipingal
Created By: Dipti Ranjan Mohanty**

1. Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift								
Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	19.050	0.250	0.150	0.000	1.429	-
Total Quantity					1.42875 cum (cum)		1.42875 Cum (Cubic Meter)	
Amount					1.42875 X 179.18208		256.01	
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	19.050	0.250	0.050	0.000	0.476	-
ii	Road	1.000	19.050	2.500	0.050	0.000	2.381	-
Total Quantity					2.8575 cum (cum)		2.8575 Cum (Cubic Meter)	
Amount					2.8575 X 544.049832		1554.62	
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 Wall	2.000	19.050	0.250	0.150	0.000	1.429	-
ii	Road	1.000	19.050	3.000	0.100	0.000	5.715	-
Total Quantity					7.14375 cum (cum)		7.14375 Cum (Cubic Meter)	

Amount						7.14375 X 6597.75220728	47132.69	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	19.050	3.000	0.075	0.000	4.286	-
Total Quantity					4.28625 cum (cum)		4.28625 Cum (Cubic Meter)	
Amount						4.28625 X 8178.92408236	35056.91	
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 Sides	2.000	18.850	0.000	0.225	0.000	8.483	-
Total Quantity					8.4825 Sqm (Sqm)		8.4825 Sqm (Square Meter)	
Amount						8.4825 X 216.23489289764	1834.21	
Total Amount							85834.45	
Addition								
Provision for Contingency (+) @							886.00	
Display Citizen Board (+) @							1860.00	
Any Other Lumpsum (+) @								
Total Addition							2746.00	
Grand Net Total Amount							88580.45	