

Detailed Estimate

OD/346/3306/116265/393403/00063640 : Construction of Road from Sumanta patra house to Incomplete CC road
Block : Oupada, Gram Panchayat : Talakia
Created By:Gayadhara Singh

1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Surface	1.000	46.635	3.149	0.000	0.000	146.854	-
ii		1.000	15.240	5.182	0.000	0.000	78.974	-
Total Quantity					225.827295 Sqm (Sqm)		225.827295 Sqm (Square Meter)	
Amount					225.827295 X 4.6662		1053.76	
2. 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	Cutoff Wall	2.000	46.635	0.228	0.100	0.000	2.127	-
ii		2.000	15.240	0.228	0.100	0.000	0.695	-
Total Quantity					2.8215 cum (cum)		2.8215 Cum (Cubic Meter)	
Amount					2.8215 X 240.77592		679.35	
3. 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	Cutoff Wall	2.000	46.635	0.228	0.050	0.000	1.063	-
ii		2.000	15.240	0.228	0.050	0.000	0.347	-
iii	Road Surface	1.000	46.635	2.743	0.100	0.000	12.792	-
iv		1.000	15.240	4.773	0.100	0.000	7.274	-
Total Quantity					21.4767825 cum (cum)		21.4767825 Cum (Cubic Meter)	
Amount					21.4767825 X 1541.929832		33115.69	

4. 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	Cut-off-Wall	2.000	46.635	0.200	0.250	0.000	4.664	-
ii		2.000	15.240	0.200	0.250	0.000	1.524	-
iii	Bed	1.000	46.635	2.743	0.088	0.000	11.308	-
iv		1.000	15.240	4.773	0.088	0.000	6.430	-
Total Quantity					23.92587273 cum (cum)		23.92587273 Cum (Cubic Meter)	
Amount					23.92587273 X 6087.96207624		145659.81	

5. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	P C C	1.000	46.635	3.148	0.083	0.000	12.185	-
ii		1.000	15.240	5.181	0.076	0.000	6.001	-

Total Quantity		18.18582078 cum (cum)		18.18582078 Cum (Cubic Meter)				
Amount		18.18582078 X 7698.68327488		140006.87				
6. 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	46.635	0.250	2.000	0.000	46.635	-
ii		2.000	15.240	0.250	2.000	0.000	15.240	-
Total Quantity		61.875 Sqm (Sqm)		61.875 Sqm (Square Meter)				
Amount		61.875 X 216.23489289764		13379.53				
Total Amount		333895.01						
Addition								
Provision for Contingency (+) @		3338.95						
Display Citizen Board (+) @		2000.00						
Any Other Lumpsum (+) @		10766.00						
Provision for survey investigation and quality control (+) @								
Total Addition		16104.95						
Grand Net Total Amount		349999.96						

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