

Detailed Estimate

OD/361/3452/119469/385960/00015549 : CONSTRUCTION OF CC ROAD FROM RAMESH MAHANTA HOUSE TO DAMBURU MAHNATA HOUSE KARANJIAPADA RAIKALA GP

Block : Kendujhar Sadar, Panchayat : Raikala

Created By:Ranjan Kumar Swain

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	CUTOFF	2.000	74.500	0.830	0.500	0.000	61.835	-
Total Quantity						61.835 Cft (Cubic Foot)	1.750969328 Cum (Cubic Meter)	
Amount						1.750969328 X 235.56432	412.47	
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	CUTOFF	2.000	74.500	0.830	0.330	0.000	40.811	-
ii	Road base	1.000	74.500	10.330	0.250	0.000	192.396	-
Total Quantity						233.20735 Cft (Cubic Foot)	6.60368588848 Cum (Cubic Meter)	
Amount						6.60368588848 X 1237.681472	8173.26	
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	CUTOFF	2.000	74.500	0.830	0.660	0.000	81.622	-

ii	Road base	1.000	74.500	10.330	0.330	0.000	253.963	-
Total Quantity					335.58525 Cft (Cubic Foot)		9.5027004072 Cum (Cubic Meter)	
Amount					9.5027004072 X 6384.23200184		60667.44	
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 and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road base	1.000	74.500	12.000	0.330	0.000	295.020	-
Total Quantity					295.02 Cft (Cubic Foot)		8.354022336 Cum (Cubic Meter)	
Amount					8.354022336 X 7833.83856608		65444.06	
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 centering 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	CUTOFF	4.000	74.500	0.000	0.500	0.000	149.000	-
ii	Road base	2.000	74.500	0.000	0.330	0.000	49.170	-
Total Quantity					198.17 Sft (Square Foot)		18.41058751 Sqm (Square Meter)	
Amount					18.41058751 X 215.22489289764		3962.42	
Total Amount							138659.65	
Addition								
Provision for Contingency (+) @							1438.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							690.35	
Total Addition							5128.35	

Grand Net Total Amount	143788.00
-------------------------------	------------------