

Detailed Estimate

OD/373/3586/121738/384227/00068078 : Construction of Cement Concrete Road from Susama House to RD Road at Karla Kani Bhagattola
Block : Rajgangpur, Gram Panchayat : Malidihi
Created By:SANJAY TANTY

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	BED	1.000	63.000	2.650	0.100	0.000	16.695	-
ii	Cutoff	2.000	63.000	0.200	0.200	0.000	5.040	-
Total Quantity					21.735 cum (cum)		21.735 Cum (Cubic Meter)	
Amount					21.735 X 240.77592		5233.26	
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	BED	1.000	63.000	2.650	0.100	0.000	16.695	-
ii	CUTOFF	2.000	63.000	0.200	0.100	0.000	2.520	-
Total Quantity					19.215 cum (cum)		19.215 Cum (Cubic Meter)	
Amount					19.215 X 785.227732		15088.15	
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	63.000	0.200	0.100	0.000	2.520	-
ii	Road	1.000	63.000	3.050	0.100	0.000	19.215	-
Total Quantity					21.735 cum (cum)		21.735 Cum (Cubic Meter)	
Amount					21.735 X 5790.47064452		125855.88	
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	63.000	3.050	0.100	0.000	19.215	-
Total Quantity					19.215 cum (cum)		19.215 Cum (Cubic Meter)	
Amount					19.215 X 7248.92152424		139288.03	
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	63.000	0.200	0.000	0.000	25.200	-
Total Quantity					25.2 Sqm (Sqm)		25.2 Sqm (Square Meter)	
Amount					25.2 X 216.23489289764		5449.12	
Total Amount							290914.44	
Addition								
Provision for Contingency (+) @							2909.14	
Display Citizen Board (+) @							5000.00	

Any Other Lumpsum (+) @	1176.00
Provision for survey investigation and quality control (+) @	
Total Addition	9085.14
Grand Net Total Amount	299999.59

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