

Detailed Estimate

OD/370/3551/275623/425677/00073190 : Construction of village CC Road from pongili school to RD road
Block : Kalyansingpur, Gram Panchayat : Kandhakatipadu
Created By:LAXMI NARAYAN MISHRA

1. Earth Work (AR0102b) : Earth work in hard soil or gravelly soil in embankment, roads etc. within 50m initial lead and 1.5m initial lift and Compaction with P.R.R								
Earth work in hard soil or gravelly soil in embankment, roads etc. 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 specification approved by the Department alongwith proper compaction with P.R.R. including hire and running charges of P.R.R. (section measurement to be taken on the finished compacted section of the fill) as per direction of Engineer-in-Charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC ROAD	1.000	51.000	4.000	0.100	0.000	20.400	-
ii	C/O	2.000	51.000	0.300	0.300	0.000	9.180	-
Total Quantity					29.58 cum (cum)		29.58 Cum (Cubic Meter)	
Amount					29.58 X 208.2172638579		6159.07	
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	cc road	1.000	51.000	4.000	0.100	0.000	20.400	-
ii	c/o	2.000	51.000	0.300	0.100	0.000	3.060	-
Total Quantity					23.46 cum (cum)		23.46 Cum (Cubic Meter)	
Amount					23.46 X 758.270832		17789.03	
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.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC ROAD	1.000	51.000	4.000	0.100	0.000	20.400	-
ii	C/O	2.000	51.000	0.300	0.200	0.000	6.120	-
Total Quantity					26.52 cum (cum)		26.52 Cum (Cubic Meter)	
Amount					26.52 X 5764.11675492		152864.38	
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	cc road	1.000	51.000	4.000	0.075	0.000	15.300	-
Total Quantity					15.3 cum (cum)		15.3 Cum (Cubic Meter)	
Amount					15.3 X 7322.77533004		112038.46	
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		2.000	51.000	0.000	0.175	0.000	17.850	-
Total Quantity					17.85 Sqm (Sqm)		17.85 Sqm (Square Meter)	
Amount					17.85 X 216.39264180804		3862.61	
Total Amount							292713.55	
Addition								
Provision for Contingency (+) @							2927.14	
Display Citizen Board (+) @							3000.00	

Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	1358.00
Total Addition	7285.14
Grand Net Total Amount	299998.68

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