

Detailed Estimate

OD/372/3570/121479/418945/00016431 : Improvement of road from Kudopali to Khaliapali
Block : Sonepur, Panchayat : Khaliapali
Created By:SMT LEENA MISHRA

1. Earth Work (AR0101a1) : Earthwork in ordinary soil within 50m to 75m lead and 1.5m, initial lift								
Earthwork in ordinary soil within 50m to 75m 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	side cutoff	2.000	101.000	0.225	0.150	0.000	6.818	-
ii	end cutoff	2.000	3.200	0.225	0.150	0.000	0.216	-
Total Quantity					7.0335 cum (cum)		7.0335 Cum (Cubic Meter)	
Amount					7.0335 X 159.782		1123.83	
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	side cutoff	2.000	101.000	0.225	0.050	0.000	2.273	-
ii	end cutoff	2.000	3.200	0.225	0.050	0.000	0.072	-
iii	bed	1.000	101.000	3.200	0.100	0.000	32.320	-
Total Quantity					34.6645 cum (cum)		34.6645 Cum (Cubic Meter)	
Amount					34.6645 X 645.558872		22377.98	
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	Side Cutoff	2.000	101.000	0.225	0.300	0.000	13.635	-
ii	end cutoff	2.000	3.200	0.225	0.300	0.000	0.432	-

iii	bed	1.000	101.000	3.200	0.100	0.000	32.320	-
Total Quantity					46.387 cum (cum)		46.387 Cum (Cubic Meter)	
Amount					46.387 X 5813.64389262		269677.50	
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 specifaicaon and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	BED	1.000	101.000	3.650	0.100	0.000	36.865	-
Total Quantity					36.865 cum (cum)		36.865 Cum (Cubic Meter)	
Amount					36.865 X 7321.01832394		269889.34	
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	side utoff	4.000	101.000	0.000	0.300	0.000	121.200	-
ii	end cutoff	4.000	3.200	0.000	0.300	0.000	3.840	-
iii	mass concrete	20.000	3.650	0.000	0.100	0.000	7.300	-
Total Quantity					132.34 Sqm (Sqm)		132.34 Sqm (Square Meter)	
Amount					132.34 X 215.54039071844		28524.62	
Total Amount							591593.26	
Addition								
Provision for Contingency (+) @							706.00	
Display Citizen Board (+) @							1700.00	
Any Other Lumpsum (+) @							6000.00	
Total Addition							8406.00	

Grand Net Total Amount	599999.26
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