

Detailed Estimate

**OD/370/3551/121171/425463/00067127 : Improvement of Road with CC/GR-II metalling from Baribhatta to Kharjada
RD Road**

Block : Kalyansingpur, Gram Panchayat : Singari

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC ROAD	1.000	34.000	3.300	0.100	0.000	11.220	-
ii	C/O	2.000	34.000	0.300	0.300	0.000	6.120	-
Total Quantity					17.34 cum (cum)		17.34 Cum (Cubic Meter)	
Amount					17.34 X 208.2172638579		3610.49	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cc road	1.000	34.000	3.300	0.100	0.000	11.220	-
ii	c/o	2.000	34.000	0.300	0.300	0.000	6.120	-
Total Quantity					17.34 cum (cum)		17.34 Cum (Cubic Meter)	
Amount					17.34 X 240.77592		4175.05	

3. 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	Rigid smooth centring & shuttering	2.000	34.000	0.000	0.175	0.000	11.900	-
Total Quantity					11.9 Sft (Square Foot)		1.1055457 Sqm (Square Meter)	
Amount					1.1055457 X 216.39264180804		239.23	

4. 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	34.000	3.900	0.100	0.000	13.260	-
ii	c/o	2.000	34.000	0.300	0.200	0.000	4.080	-
Total Quantity					17.34 cum (cum)		17.34 Cum (Cubic Meter)	
Amount					17.34 X 5763.17624292		99933.48	

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 specification and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cc road	1.000	34.000	3.900	0.075	0.000	9.945	-
Total Quantity					9.945 cum (cum)		9.945 Cum (Cubic Meter)	
Amount					9.945 X 7321.89360004		72816.23	
Total Amount							180774.48	

Addition	
Provision for Contingency (+) @	1807.74
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	945.00
Provision for survey investigation and quality control (+) @	
Total Addition	5752.74
Grand Net Total Amount	186527.23

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AEE
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BDO
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