

Detailed Estimate

**OD/373/3588/121765/383902/00072507 : Construction of Cement Concrete Road from RD Road to Chamarpada at
Rupadihi**

Block : Sundargarh, Gram Panchayat : Lankahuda

Created By: Sushanta Patel

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Earthwork ExcAVATION	1.000	81.000	3.650	0.150	0.000	44.348	-
Total Quantity					44.3475 cum (cum)		44.3475 Cum (Cubic Meter)	
Amount					44.3475 X 240.77592		10677.81	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	81.000	0.200	0.050	0.000	1.620	-
ii	Bed	1.000	81.000	3.250	0.100	0.000	26.325	-
Total Quantity					27.945 cum (cum)		27.945 Cum (Cubic Meter)	
Amount					27.945 X 823.456232		23011.48	
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	cutoff	2.000	81.000	0.200	0.100	0.000	3.240	-

ii	Bed	1.000	81.000	3.650	0.100	0.000	29.565	-
Total Quantity					32.805 cum (cum)		32.805 Cum (Cubic Meter)	
Amount					32.805 X 5436.91802352		178358.10	
4. 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	Bed	2.000	81.000	0.000	2.000	0.000	324.000	-
Total Quantity					324 Sqm (Sqm)		324 Sqm (Square Meter)	
Amount					324 X 216.23489289764		70060.11	
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 specificaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Bed	1.000	81.000	3.650	0.100	0.000	29.565	-
Total Quantity					29.565 cum (cum)		29.565 Cum (Cubic Meter)	
Amount					29.565 X 6904.45880224		204130.32	
Total Amount							486237.82	
Addition								
Provision for Contingency (+) @							5000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							3762.00	

Provision for survey investigation and quality control (+) @	
Total Addition	13762.00
Grand Net Total Amount	499999.82

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