

Detailed Estimate

OD/361/3452/119462/386181/00067327 : CONST. OF CC ROAD FROM BINOD SAMAL HOUSE TO THUNGURU GHARA
Block : Kendujhar Sadar, Gram Panchayat : Naranpur
Created By: Samir Kabi

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	CUTOFF	2.000	81.500	0.250	0.150	0.000	6.113	-
ii	C/S CUTOFF	2.000	3.200	0.250	0.150	0.000	0.240	-
Total Quantity					6.3525 cum (cum)		6.3525 Cum (Cubic Meter)	
Amount					6.3525 X 240.77592		1529.53	
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	81.500	0.250	0.050	0.000	2.038	-
ii	C/S CUTOFF	2.000	3.200	0.250	0.050	0.000	0.080	-
iii	ROAD SIDE	2.000	81.500	3.200	0.075	0.000	39.120	-
Total Quantity					41.2375 cum (cum)		41.2375 Cum (Cubic Meter)	
Amount					41.2375 X 929.304232		38322.18	
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	81.500	0.250	0.150	0.000	6.113	-
ii	C/S CUTOFF	2.000	3.200	0.250	0.150	0.000	0.240	-
iii	ROAD SURFACE	1.000	81.500	3.200	0.100	0.000	26.080	-
Total Quantity					32.4325 cum (cum)		32.4325 Cum (Cubic Meter)	
Amount					32.4325 X 5648.67975432		183200.81	

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 SURFACE	1.000	81.500	3.700	0.075	0.000	22.616	-
Total Quantity					22.61625 cum (cum)		22.61625 Cum (Cubic Meter)	
Amount					22.61625 X 7115.82045184		160933.17	

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	CUTOFF	2.000	81.500	0.150	0.000	0.000	24.450	-
ii	C/S CUTOFF	2.000	3.200	0.150	0.000	0.000	0.960	-
iii	ROAD SIDE	2.000	81.500	0.075	0.000	0.000	12.225	-
Total Quantity					37.635 Sqm (Sqm)		37.635 Sqm (Square Meter)	

Amount	37.635 X 216.23489289764	8138.00
Total Amount		392123.69
Addition		
Provision for Contingency (+) @		4000.00
Display Citizen Board (+) @		3876.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Total Addition		7876.00
Grand Net Total Amount		399999.69

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