

Detailed Estimate

OD/360/3435/119074/396692/00102056 : COSNT OF CC ROAD FROM THAKURANI TO JENA SAHI

Block : Derabish, Gram Panchayat : Palei

Created By: HIMANSU PATI

1. Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift								
Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CO wall	2.000	120.000	0.830	0.500	0.000	99.600	-
Total Quantity						99.6 Cft (Cubic Foot)	2.82035328 Cum (Cubic Meter)	
Amount						2.82035328 X 179.18208	505.36	
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		1.000	50.000	12.250	0.330	0.000	202.125	-
ii		1.000	39.000	13.750	0.330	0.000	176.962	-
iii		1.000	31.000	15.000	0.330	0.000	153.450	-
Total Quantity						532.5375 Cft (Cubic Foot)	15.07975788 Cum (Cubic Meter)	
Amount						15.07975788 X 547.968632	8263.23	
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	CO wall	2.000	120.000	0.830	0.500	0.000	99.600	-

ii		1.000	50.000	12.250	0.330	0.000	202.125	-
iii		1.000	39.000	13.750	0.330	0.000	176.962	-
iv		1.000	19.000	15.000	0.250	0.000	71.250	-
v		2.000	50.000	6.500	0.330	0.000	214.500	-
vi		1.000	13.350	12.000	0.250	0.000	40.050	-
vii		1.000	26.000	15.000	0.330	0.000	128.700	-
Total Quantity							933.1875 Cft (Cubic Foot)	26.4248838 Cum (Cubic Meter)
Amount							26.4248838 X 5962.20374626	157550.54

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		1.000	50.000	12.250	0.250	0.000	153.125	-
ii		1.000	39.000	13.750	0.250	0.000	134.062	-
iii		1.000	19.000	15.000	0.250	0.000	71.250	-
iv		2.000	50.000	12.000	0.250	0.000	300.000	-
v		1.000	10.000	12.000	0.250	0.000	30.000	-
vi		1.000	31.000	15.000	0.250	0.000	116.250	-
Total Quantity							804.6875 Cft (Cubic Foot)	22.786175 Cum (Cubic Meter)
Amount							22.786175 X 7472.11045362	170260.82

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	249.000	0.000	0.500	0.000	249.000	-
Total Quantity					249 Sft (Square Foot)		23.132847 Sqm (Square Meter)	
Amount					23.132847 X 216.23489289764		5002.13	

Total Amount (A) : 341582.08

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	3415.8207735926
2	Display Citizen Board @ Rs.5000	-	5000
Additional Components Amount (F) : 8415.8207735926			

Grand Total Amount (A + F) : 349997.89813286

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