

Detailed Estimate

OD/365/3487/120053/390373/00074801 : CONST. OF CC ROAD FROM PWD ROAD TO KUNA SAHU HOUSE AT MALIHATI

Block : Badasahi, Gram Panchayat : Manatri

Created By:SUSHIL KUMAR SING

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	CUT OFF	2.000	61.000	0.250	0.250	0.000	7.625	-
ii	END CUT OFF	2.000	3.150	0.250	0.250	0.000	0.394	-
Total Quantity					8.01875 cum (cum)		8.01875 Cum (Cubic Meter)	
Amount					8.01875 X 240.77592		1930.72	
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	CUT OFF	2.000	61.000	0.250	0.050	0.000	1.525	-
ii	END CUT OFF	2.000	3.150	0.250	0.050	0.000	0.079	-
iii	ROAD	1.000	60.500	3.150	0.100	0.000	19.058	-
Total Quantity					20.66125 cum (cum)		20.66125 Cum (Cubic Meter)	
Amount					20.66125 X 1457.625132		30116.36	
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	CUT OFF	2.000	61.000	0.250	0.275	0.000	8.388	-
ii	END CUT OFF	2.000	3.150	0.250	0.275	0.000	0.433	-
iii	ROAD	1.000	61.000	3.650	0.100	0.000	22.265	-
Total Quantity					31.085625 cum (cum)		31.085625 Cum (Cubic Meter)	
Amount					31.085625 X 6638.8398173		206372.48	

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	CC ROD	1.000	61.000	3.650	0.075	0.000	16.699	-
Total Quantity					16.69875 cum (cum)		16.69875 Cum (Cubic Meter)	
Amount					16.69875 X 8144.2970141		135999.58	

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	CUT OFF-INSIDE	2.000	60.500	0.000	0.100	0.000	12.100	-
ii		2.000	3.150	0.000	0.100	0.000	0.630	-

iii	CUT OFF- OUTSIDE	2.000	61.000	0.000	0.275	0.000	33.550	-
iv		2.000	3.650	0.000	0.275	0.000	2.008	-
Total Quantity					48.2875 Sqm (Sqm)		48.2875 Sqm (Square Meter)	
Amount					48.2875 X 216.70813962884		10464.29	
Total Amount							384883.44	
Addition								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							6116.56	
Provision for survey investigation and quality control (+) @								
Total Addition							15116.56	
Grand Net Total Amount							400000.00	

SUSHIL KUMAR SING
JE
Badasahi Block

DASHARATH MOHANTA
AEE
Badasahi Block

BANAJA DAS
BDO
Badasahi Block