

Detailed Estimate

OD/365/3487/120053/390752/00074684 : CONST. OF CC ROAD FROM DHRUBA JENA HOUSE TO KALIA JENA HOUSE AT BADALIGAON

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	78.000	0.250	0.250	0.000	9.750	-
ii	END CUT OFF	2.000	3.150	0.250	0.250	0.000	0.394	-
Total Quantity					10.14375 cum (cum)		10.14375 Cum (Cubic Meter)	
Amount					10.14375 X 240.77592		2442.37	
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	78.000	0.250	0.050	0.000	1.950	-
ii	END CUT OFF	2.000	3.150	0.250	0.050	0.000	0.079	-
iii	ROAD	1.000	77.500	3.150	0.100	0.000	24.413	-
Total Quantity					26.44125 cum (cum)		26.44125 Cum (Cubic Meter)	
Amount					26.44125 X 1457.625132		38541.43	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	78.000	0.250	0.275	0.000	10.725	-
ii	END CUT OFF	2.000	3.150	0.250	0.275	0.000	0.433	-
iii	ROAD	1.000	78.000	3.650	0.100	0.000	28.470	-
Total Quantity					39.628125 cum (cum)		39.628125 Cum (Cubic Meter)	
Amount					39.628125 X 6437.2696733		255096.93	

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 ROAD	1.000	78.000	3.650	0.075	0.000	21.353	-
Total Quantity					21.3525 cum (cum)		21.3525 Cum (Cubic Meter)	
Amount					21.3525 X 8144.2970141		173901.10	

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	77.500	0.000	0.100	0.000	15.500	-
ii		2.000	3.150	0.000	0.100	0.000	0.630	-

iii	CUT OFF- OUTSIDE	2.000	78.000	0.000	0.275	0.000	42.900	-
iv		2.000	3.650	0.275	0.000	0.000	2.008	-
Total Quantity					61.0375 Sqm (Sqm)		61.0375 Sqm (Square Meter)	
Amount					61.0375 X 216.70813962884		13227.32	
Total Amount							483209.15	
Addition								
Provision for Contingency (+) @							5000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							6790.84	
Provision for survey investigation and quality control (+) @								
Total Addition							16790.84	
Grand Net Total Amount							499999.99	

SUSHIL KUMAR SING
JE
Badasahi Block

DASHARATH MOHANTA
AEE
Badasahi Block

BANAJA DAS
BDO
Badasahi Block