

Detailed Estimate

OD/365/3491/120128/390319/00074429 : Construction of cc road from Bhagaban Marandi house to Chakradhara Mohanty house at bhaliadiha village
Block : Betnoti, Gram Panchayat : Santara
Created By: JHILAN LENKA

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	57.000	0.250	0.250	0.000	7.125	-
ii	End cutoff	2.000	2.550	0.250	0.250	0.000	0.319	-
Total Quantity					7.44375 cum (cum)		7.44375 Cum (Cubic Meter)	
Amount					7.44375 X 240.77592		1792.28	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	57.000	0.250	0.050	0.000	1.425	-
ii	End cutoff	2.000	2.550	0.250	0.050	0.000	0.064	-
iii	road side	1.000	57.000	2.550	0.050	0.000	7.268	-
Total Quantity					8.75625 cum (cum)		8.75625 Cum (Cubic Meter)	
Amount					8.75625 X 1428.234132		12505.98	
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	57.000	0.250	0.225	0.000	6.413	-
ii	End cutoff	2.000	2.550	0.250	0.225	0.000	0.287	-
iii	Road surface	1.000	57.000	3.050	0.100	0.000	17.385	-
Total Quantity					24.084375 cum (cum)		24.084375 Cum (Cubic Meter)	
Amount					24.084375 X 6571.9833723		158282.11	

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	57.000	3.050	0.075	0.000	13.039	-
Total Quantity					13.03875 cum (cum)		13.03875 Cum (Cubic Meter)	
Amount					13.03875 X 8068.6119571		105204.61	

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	road side	2.000	57.000	0.000	0.200	0.000	22.800	-
ii	cutoff	4.000	57.000	0.000	0.200	0.000	45.600	-
Total Quantity					68.4 Sqm (Sqm)		68.4 Sqm (Square Meter)	
Amount					68.4 X 216.23489289764		14790.47	

Total Amount	292575.44
Addition	
Provision for Contingency (+) @	2925.75
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	1498.80
Provision for survey investigation and quality control (+) @	
Total Addition	7424.55
Grand Net Total Amount	300000.00

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JE
Betnoti Block

SOUMYASHREE BHOI
AEE
Betnoti Block

SUSANTA KUMAR SUTAR
BDO
Betnoti Block