

Detailed Estimate

OD/365/3491/120116/390249/00073896 : Construction of CC Road from Ratnakar Behera House to Girish Chandra Patra House at Udipura

Block : Betnoti, Gram Panchayat : Jugal

Created By: BHAGYA LAXSHMI DAS

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	58.000	0.225	0.200	1.000	5.220	-
Total Quantity					5.22 cum (cum)		5.22 Cum (Cubic Meter)	
Amount					5.22 X 240.77592		1256.85	
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	58.000	0.225	0.100	1.000	2.610	-
ii	Base	1.000	58.000	2.600	0.100	1.000	15.080	-
Total Quantity					17.69 cum (cum)		17.69 Cum (Cubic Meter)	
Amount					17.69 X 1428.234132		25265.46	
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	58.000	0.225	0.200	1.000	5.220	-

ii	base	1.000	58.000	3.050	0.100	1.000	17.690	-
Total Quantity					22.91 cum (cum)		22.91 Cum (Cubic Meter)	
Amount					22.91 X 6508.8624123		149118.04	
4. 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	base	2.000	58.000	0.000	0.175	1.000	20.300	-
Total Quantity					20.3 Sqm (Sqm)		20.3 Sqm (Square Meter)	
Amount					20.3 X 216.23489289764		4389.57	
5. 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	base	1.000	58.000	3.050	0.075	1.000	13.268	-
Total Quantity					13.2675 cum (cum)		13.2675 Cum (Cubic Meter)	
Amount					13.2675 X 8009.4360571		106265.19	
Total Amount							286295.11	
Addition								
Provision for Contingency (+) @							2862.95	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							5841.00	

Provision for survey investigation and quality control (+) @	
Total Addition	13703.95
Grand Net Total Amount	299999.06

BHAGYA LAXSHMI DAS
JE
Betnoti Block

SOUMYASHREE BHOI
AEE
Betnoti Block

SUSANTA KUMAR SUTAR
BDO
Betnoti Block