

Detailed Estimate

OD/365/3491/120122/390361/00074297 : Construction of CC road from Laxman hansda house to Baidyanath soren House at Sankhirpada

Block : Betnoti, Gram Panchayat : Patalipura

Created By: DURGASANKAR SINGH

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	Cut Off	2.000	93.000	0.250	0.250	0.000	11.625	-
ii	End Cut Off	2.000	2.500	0.250	0.250	0.000	0.313	-
Total Quantity					11.9375 cum (cum)		11.9375 Cum (Cubic Meter)	
Amount					11.9375 X 240.77592		2874.26	
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	Cut Off	2.000	93.000	0.250	0.020	0.000	0.930	-
ii	End Cut Off	2.000	2.500	0.250	0.020	0.000	0.025	-
iii	Road filling	1.000	93.000	2.500	0.025	0.000	5.813	-
Total Quantity					6.7675 cum (cum)		6.7675 Cum (Cubic Meter)	
Amount					6.7675 X 1463.584132		9904.81	
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	93.000	0.250	0.250	0.000	11.625	-
ii	end Cut Off	2.000	2.500	0.250	0.250	0.000	0.313	-
iii	Road	1.000	93.000	3.030	0.100	0.000	28.179	-
Total Quantity					40.1165 cum (cum)		40.1165 Cum (Cubic Meter)	
Amount					40.1165 X 6728.7495628		269933.88	

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	93.000	3.030	0.076	0.000	21.416	-
Total Quantity					21.41604 cum (cum)		21.41604 Cum (Cubic Meter)	
Amount					21.41604 X 8222.0838306		176084.48	

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	4.000	93.000	0.000	0.250	0.000	93.000	-
ii	End Cut Off	4.000	2.500	0.000	0.250	0.000	2.500	-
iii	CC 1 3 6	2.000	93.000	0.000	0.100	0.000	18.600	-
iv	CC 1 2 4	2.000	93.000	0.000	0.100	0.000	18.600	-
Total Quantity					132.7 Sqm (Sqm)		132.7 Sqm (Square Meter)	

Amount	132.7 X 216.23489289764	28694.37
Total Amount		487491.80
Addition		
Provision for Contingency (+) @		4874.92
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		2633.20
Provision for survey investigation and quality control (+) @		
Total Addition		12508.12
Grand Net Total Amount		499999.91

DURGASANKAR SINGH
JE
Betnoti Block

SOUMYASHREE BHOI
AEE
Betnoti Block

SUSANTA KUMAR SUTAR
BDO
Betnoti Block