

Detailed Estimate

OD/368/3534/120835/421747/00016743 : Imp.of Road with Culvert from Chulavat to Chhotlanjhimar
Block : Nuapada, Gram Panchayat : Chulabhat
Created By:SHIVAM SOURAV NAIK

1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil 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	D S Apron Wall	1.000	27.730	0.750	2.000	0.000	41.595	-
ii	US Aprone	2.000	27.730	0.750	1.500	0.000	62.393	-
iii	Toe Wall	2.000	75.500	0.300	0.300	0.000	13.590	-
Total Quantity					117.5775 cum (cum)		117.5775 Cum (Cubic Meter)	
Amount					117.5775 X 200.6466		23591.53	
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	Aprone Wall D S	1.000	27.730	0.750	2.000	0.000	41.595	-
ii	Aprone US	1.000	27.730	0.750	1.500	0.000	31.196	-
iii	Road	2.000	75.500	0.300	0.100	0.000	4.530	-
Total Quantity					77.32125 cum (cum)		77.32125 Cum (Cubic Meter)	
Amount					77.32125 X 572.309632		44251.70	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	Aprone Wall	1.000	27.730	0.750	0.150	0.000	3.120	-	
ii		1.000	27.730	0.500	2.750	0.000	38.129	-	
iii	US	1.000	27.730	0.750	0.150	0.000	3.120	-	
iv		1.000	27.730	0.500	2.000	0.000	27.730	-	
v	Cc Road	1.000	75.500	3.650	0.100	0.000	27.558	-	
Total Quantity					99.6555 cum (cum)		99.6555 Cum (Cubic Meter)		
Amount					99.6555 X 5289.55218784		527132.97		
4. R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas									
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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	DS wall	2.000	27.730	2.750	0.000	0.000	152.515	-	
ii	US Wall	2.000	27.730	2.000	0.000	0.000	110.920	-	
iii	Road	1.000	80.000	0.200	0.000	0.000	16.000	-	
iv	Toe wall	2.000	2.000	75.500	0.300	0.000	90.600	-	
Total Quantity					370.035 Sqm (Sqm)		370.035 Sqm (Square Meter)		
Amount					370.035 X 665.73753532356		246346.19		
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 specification and direction of Engineer-in charge.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Road	1.000	75.500	3.650	0.075	0.000	20.668	-	
Total Quantity					20.668125 cum (cum)		20.668125 Cum (Cubic Meter)		
Amount					20.668125 X 6794.06881608		140420.66		

Total Amount	981743.04
Addition	
Provision for Contingency (+) @	9817.43
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	5439.00
Total Addition	18256.43
Grand Net Total Amount	999999.47