

Detailed Estimate

OD/346/3305/116242/393136/00068324 : Const of CC Road from Dhusa Das house to Agana House
Block : Nilgiri, Gram Panchayat : K.P.Lakharaj
Created By:BAIDYANATH 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		2.000	157.000	0.750	0.660	0.000	155.430	-
Total Quantity					155.43 Cft (Cubic Foot)		4.401280224 Cum (Cubic Meter)	
Amount					4.401280224 X 240.77592		1059.72	
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		2.000	157.000	0.750	0.330	0.000	77.715	-
ii		1.000	50.000	11.500	0.330	0.000	189.750	-
iii		1.000	50.000	10.830	0.330	0.000	178.695	-
iv		1.000	50.000	10.660	0.330	0.000	175.890	-
v		1.000	7.000	10.500	0.330	0.000	24.255	-
Total Quantity					646.305 Cft (Cubic Foot)		18.301289424 Cum (Cubic Meter)	
Amount					18.301289424 X 987.278232		18068.46	
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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	157.000	0.750	0.660	0.000	155.430	-
ii		1.000	50.000	13.000	0.330	0.000	214.500	-
iii		1.000	50.000	12.330	0.330	0.000	203.445	-
iv		1.000	50.000	12.160	0.330	0.000	200.640	-
v		1.000	7.000	12.000	0.330	0.000	27.720	-
Total Quantity					801.735 Cft (Cubic Foot)		22.702569648 Cum (Cubic Meter)	
Amount					22.702569648 X 6296.62646226		142949.60	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	50.000	13.000	0.290	0.000	188.500	-
ii		1.000	50.000	12.333	0.290	0.000	178.833	-
iii		1.000	50.000	12.167	0.290	0.000	176.417	-
iv		1.000	7.000	12.000	0.290	0.000	24.360	-
Total Quantity					568.10995215 Cft (Cubic Foot)		16.087055893041 Cum (Cubic Meter)	
Amount					16.087055893041 X 7743.02507662		124562.48	

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		2.000	2.000	157.000	0.330	0.000	207.240	-
ii		1.000	2.000	157.000	0.660	0.000	207.240	-
Total Quantity					414.48 Sft (Square Foot)		38.50643544 Sqm (Square Meter)	
Amount					38.50643544 X 216.23489289764		8326.43	
Total Amount							294966.70	
Addition								
Provision for Contingency (+) @							1000.00	
Display Citizen Board (+) @							4000.00	
Any Other Lumpsum (+) @							33.30	
Provision for survey investigation and quality control (+) @								
Total Addition							5033.30	
Grand Net Total Amount							300000.00	

BAIDYANATH SINGH
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block