

Detailed Estimate

OD/346/3305/116242/393136/00068325 : Const of CC road from Rabi Kar House to Ramachandra Roul 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	162.500	0.750	0.670	0.000	163.312	-
Total Quantity					163.3125 Cft (Cubic Foot)		4.6244874 Cum (Cubic Meter)	
Amount					4.6244874 X 240.77592		1113.47	
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	162.500	0.750	0.330	0.000	80.438	-
ii		1.000	50.000	7.830	0.500	0.000	195.750	-
iii		1.000	53.000	9.500	0.500	0.000	251.750	-
iv		1.000	38.500	10.880	0.500	0.000	209.440	-
v		1.000	21.000	10.740	0.500	0.000	112.770	-
Total Quantity					850.1475 Cft (Cubic Foot)		24.073456728 Cum (Cubic Meter)	
Amount					24.073456728 X 987.278232		23767.20	
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	162.500	0.750	0.840	0.000	204.750	-
ii		1.000	50.000	9.340	0.330	0.000	154.110	-
iii		1.000	53.000	11.000	0.330	0.000	192.390	-
iv		1.000	38.500	12.380	0.330	0.000	157.288	-
v		1.000	21.000	12.240	0.330	0.000	84.823	-
Total Quantity					793.3611 Cft (Cubic Foot)		22.46544759648 Cum (Cubic Meter)	
Amount					22.46544759648 X 6296.62646226		141456.53	

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	9.333	0.290	0.000	135.333	-
ii		1.000	53.000	11.000	0.290	0.000	169.070	-
iii		1.000	38.500	12.387	0.290	0.000	138.297	-
iv		1.000	21.000	12.247	0.290	0.000	74.582	-
Total Quantity					517.2826624085 Cft (Cubic Foot)		14.647789694889 Cum (Cubic Meter)	
Amount					14.647789694889 X 7743.02507662		113418.20	

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	162.500	0.500	0.000	325.000	-
ii		1.000	2.000	162.500	0.660	0.000	214.500	-
Total Quantity					539.5 Sft (Square Foot)		50.1211685 Sqm (Square Meter)	
Amount					50.1211685 X 216.23489289764		10837.95	
Total Amount							290593.35	
Addition								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1406.65	
Provision for survey investigation and quality control (+) @								
Total Addition							9406.65	
Grand Net Total Amount							300000.00	

BAIDYANATH SINGH
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block