

Detailed Estimate

OD/346/3305/116244/393116/00068262 : Constuction of CC Road from Manash Sing house to Dillip Sing house
Block : Nilgiri, Gram Panchayat : Machhua
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	155.000	0.750	0.670	0.000	155.775	-
Total Quantity					155.775 Cft (Cubic Foot)		4.41104952 Cum (Cubic Meter)	
Amount					4.41104952 X 240.77592		1062.07	
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		2.000	155.000	0.750	0.330	0.000	76.725	-
ii		1.000	38.000	42.021	0.500	0.000	798.390	-
Total Quantity					875.1149997 Cft (Cubic Foot)		24.780456423505 Cum (Cubic Meter)	
Amount					24.780456423505 X 855.776232		21206.53	
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		2.000	155.000	0.750	0.840	0.000	195.300	-
ii		1.000	38.000	48.140	0.330	0.000	603.676	-
Total Quantity					798.9756 Cft (Cubic Foot)		22.62443227008 Cum (Cubic Meter)	
Amount					22.62443227008 X 6268.7134902		141826.08	

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		1.000	51.000	11.614	0.290	0.000	171.771	-
ii		1.000	50.000	11.833	0.290	0.000	171.579	-
iii		1.000	16.000	11.833	0.290	0.000	54.905	-
iv		1.000	38.000	12.000	0.290	0.000	132.240	-
Total Quantity					530.49468 Cft (Cubic Foot)		15.021911754624 Cum (Cubic Meter)	
Amount					15.021911754624 X 7712.4136714		115855.20	

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	155.000	0.500	0.000	310.000	-
ii		1.000	2.000	155.000	0.660	0.000	204.600	-
Total Quantity					514.6 Sft (Square Foot)		47.8078838 Sqm (Square Meter)	

Amount	47.8078838 X 216.23489289764	10337.73
Total Amount		290287.61
Addition		
Provision for Contingency (+) @		3000.00
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		1712.00
Provision for survey investigation and quality control (+) @		
Total Addition		9712.00
Grand Net Total Amount		299999.61

BAIDYANATH SINGH
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block