

Detailed Estimate

OD/346/3305/116242/393134/00068326 : Const of CC road with drain from Ashram to Hari Sing 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	158.000	0.750	0.660	0.000	78.210	-
ii		1.000	158.000	3.000	3.000	0.000	1422.000	-
Total Quantity					1500.21 Cft (Cubic Foot)		42.481146528 Cum (Cubic Meter)	
Amount					42.481146528 X 240.77592		10228.44	
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		1.000	158.000	3.000	0.330	0.000	156.420	-
ii		1.000	158.000	0.750	0.330	0.000	39.105	-
iii		1.000	50.000	15.527	0.330	0.000	256.190	-
iv		1.000	50.000	11.917	0.330	0.000	196.625	-
v		1.000	50.000	11.667	0.330	0.000	192.500	-
vi		1.000	8.000	11.500	0.330	0.000	30.360	-
Total Quantity					871.20000165 Cft (Cubic Foot)		24.669596206723 Cum (Cubic Meter)	

Amount						24.669596206723 X 987.278232	24355.76	
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		1.000	158.000	3.000	0.330	0.000	156.420	-
ii		1.000	158.000	0.750	0.660	0.000	78.210	-
iii		1.000	50.000	16.277	0.330	0.000	268.565	-
iv		1.000	50.000	12.667	0.330	0.000	209.000	-
v		1.000	50.000	12.417	0.330	0.000	204.875	-
vi		1.000	8.000	12.250	0.330	0.000	32.340	-
Total Quantity					949.41000165 Cft (Cubic Foot)		26.884253134723 Cum (Cubic Meter)	
Amount						26.884253134723 X 6296.62646226	169280.10	
4. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	158.000	3.000	0.330	0.000	156.420	-
ii		2.000	158.000	0.500	2.000	0.000	316.000	-
Total Quantity					472.42 Cft (Cubic Foot)		13.377422656 Cum (Cubic Meter)	
Amount						13.377422656 X 6462.1097143202	86446.37	

5. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	4.250	0.000	0.000	0.000	4.250	-
Total Quantity					4.25 Qntl (Quintal)		4.25 Qntl (Quintal)	
Amount					4.25 X 8644.7086043		36740.01	

6. 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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	50.000	16.777	0.290	0.000	243.262	-
ii		1.000	50.000	13.167	0.290	0.000	190.917	-
iii		1.000	50.000	12.917	0.290	0.000	187.292	-
iv		1.000	8.000	12.750	0.290	0.000	29.580	-
Total Quantity					651.05000145 Cft (Cubic Foot)		18.435652681059 Cum (Cubic Meter)	
Amount					18.435652681059 X 7743.02507662		142747.72	

7. 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	158.000	0.330	0.000	208.560	-

ii		1.000	2.000	158.000	0.660	0.000	208.560	-
Total Quantity					417.12 Sft (Square Foot)		38.75169936 Sqm (Square Meter)	
Amount					38.75169936 X 216.23489289764		8379.47	
8. R.C.C. Work (AR0410f) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting								
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 in ground floor R.C.C. walls and fins including attached pilasters								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	2.000	158.000	2.000	0.000	1264.000	-
Total Quantity					1264 Sft (Square Foot)		117.429392 Sqm (Square Meter)	
Amount					117.429392 X 934.29150984209		109713.28	
Total Amount							587891.15	
Addition								
Provision for Contingency (+) @							6000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1108.84	
Provision for survey investigation and quality control (+) @								
Total Addition							12108.84	
Grand Net Total Amount							599999.99	

BAIDYANATH SINGH
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block