

Detailed Estimate

OD/371/3565/121396/382457/00108100 : Construction of CC Road at Jhankarpada

Block : Rairakhol, Gram Panchayat : Badbahal

Created By:TUKUN KISAN

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	Cutoff wall	2.000	127.000	0.225	0.200	0.000	11.430	-
ii	Road base	1.000	20.000	4.250	0.100	0.000	8.500	-
iii		1.000	22.000	3.850	0.100	0.000	8.470	-
iv		1.000	23.000	3.450	0.100	0.000	7.935	-
v		1.000	28.000	3.500	0.100	0.000	9.800	-
vi		1.000	25.000	3.650	0.100	0.000	9.125	-
vii		1.000	9.000	3.900	0.100	0.000	3.510	-
Total Quantity						58.77 cum (cum)	58.77 Cum (Cubic Meter)	
Amount						58.77 X 240.77592	14150.40	
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	Cutoff wall	2.000	127.000	0.225	0.100	0.000	5.715	-
ii	Road base	1.000	20.000	4.250	0.100	0.000	8.500	-
iii		1.000	22.000	3.850	0.100	0.000	8.470	-
iv		1.000	23.000	3.450	0.100	0.000	7.935	-
v		1.000	28.000	3.500	0.100	0.000	9.800	-

vi		1.000	25.000	3.650	0.100	0.000	9.125	-
vii		1.000	9.000	3.900	0.100	0.000	3.510	-
Total Quantity					53.055 cum (cum)		53.055 Cum (Cubic Meter)	
Amount					53.055 X 484.156832		25686.94	

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	Cutoff wall	2.000	127.000	0.225	0.100	0.000	5.715	-
ii	Road base	1.000	20.000	4.250	0.070	0.000	5.950	-
iii		1.000	22.000	3.850	0.070	0.000	5.929	-
iv		1.000	23.000	3.450	0.070	0.000	5.555	-
v		1.000	28.000	3.500	0.070	0.000	6.860	-
vi		1.000	25.000	3.650	0.070	0.000	6.388	-
vii		0.000	9.000	3.900	0.070	0.000	2.457	-
Total Quantity					38.853 cum (cum)		38.853 Cum (Cubic Meter)	
Amount					38.853 X 5330.2082693		207094.58	

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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road base	1.000	20.000	4.700	0.060	0.000	5.640	-
ii		1.000	22.000	4.300	0.060	0.000	5.676	-
iii		1.000	23.000	3.900	0.060	0.000	5.382	-
iv		1.000	28.000	3.950	0.060	0.000	6.636	-

v		1.000	25.000	4.125	0.060	0.000	6.188	-
vi		1.000	9.000	4.350	0.060	0.000	2.349	-
vii		1.000	4.500	1.900	0.060	0.000	0.513	-
Total Quantity					32.3835 cum (cum)		32.3835 Cum (Cubic Meter)	
Amount					32.3835 X 6873.3898751		222584.42	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside cutoff wall	2.000	127.000	0.000	0.100	0.000	25.400	-
ii	Out side	2.000	127.000	0.000	0.230	0.000	58.420	-
Total Quantity					83.82 Sqm (Sqm)		83.82 Sqm (Square Meter)	
Amount					83.82 X 216.23489289764		18124.81	

Total Amount (A) : 487641.15

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.5000	-	5000
2	Display Citizen Board @ Rs.2358	-	2358
3	Any Other Lumpsum @ Rs.5000	L.cess	5000

Additional Components Amount (F) : 12358

Grand Total Amount (A + F) : 499999.15317025

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