

Detailed Estimate

OD/348/3327/275238/395253/00069736 : R/R of CC Road at Kakudigadia Dia Sahi
Block : Dhamanagar, Gram Panchayat : Gadiali
Created By:BINODINI JENA

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	cut off	1.000	120.000	0.750	0.660	0.000	59.400	-
Total Quantity						59.4 Cft (Cubic Foot)	1.68201792 Cum (Cubic Meter)	
Amount						1.68201792 X 240.77592	404.99	
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	cut off	1.000	120.000	0.750	0.330	0.000	29.700	-
ii	Road	1.000	37.000	12.000	0.330	0.000	146.520	-
iii	Road	1.000	13.000	11.500	0.330	0.000	49.335	-
iv		1.000	17.000	8.000	0.330	0.000	44.880	-
v		1.000	50.000	7.500	0.330	0.000	123.750	-
vi		1.000	53.000	9.000	0.330	0.000	157.410	-
Total Quantity						551.595 Cft (Cubic Foot)	15.619405296 Cum (Cubic Meter)	
Amount						15.619405296 X 956.311632	14937.02	

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	cutoff	1.000	120.000	0.750	0.660	0.000	59.400	-
ii	Road	1.000	37.000	12.000	0.330	0.000	146.520	-
iii		0.000	13.000	11.500	0.330	0.000	49.335	-
iv		0.000	17.000	8.000	0.330	0.000	44.880	-
v		0.000	50.000	7.500	0.330	0.000	123.750	-
vi		0.000	53.000	9.000	0.330	0.000	157.410	-
Total Quantity					581.295 Cft (Cubic Foot)		16.460414256 Cum (Cubic Meter)	
Amount					16.460414256 X 6145.86212606		101163.44	

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 specification and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	37.000	13.000	0.200	0.000	96.200	-
ii		0.000	13.000	12.500	0.200	0.000	32.500	-
iii		0.000	17.000	9.000	0.200	0.000	30.600	-
iv		0.000	50.000	8.500	0.200	0.000	85.000	-
v		0.000	53.000	9.000	0.200	0.000	95.400	-
Total Quantity					339.7 Cft (Cubic Foot)		9.61921696 Cum (Cubic Meter)	

Amount		9.61921696 X 7586.61098222		72977.26				
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	cut off	2.000	120.000	0.330	0.000	0.000	79.200	-
ii	road	1.000	210.000	0.330	0.000	0.000	69.300	-
Total Quantity					148.5 Sft (Square Foot)		13.7960955 Sqm (Square Meter)	
Amount		13.7960955 X 216.23489289764		2983.20				
Total Amount							192465.90	
Addition								
Provision for Contingency (+) @							1980.00	
Display Citizen Board (+) @							1574.00	
Any Other Lumpsum (+) @							1980.00	
Provision for survey investigation and quality control (+) @								
Total Addition							5534.00	
Grand Net Total Amount							197999.90	

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