

Detailed Estimate

**OD/354/3369/275046/412149/00014082 : Const. of CC/paver road from post office to Dinesh rao house road at village
Agraharam**

Block : Chatrapur, Gram Panchayat : Sriramachandrapur

Created By: JAYASENA BEHERA

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	Leveling	1.000	27.000	3.500	0.050	0.000	4.725	-
ii		1.000	7.200	8.500	0.050	0.000	3.060	-
iii	Cutt off	2.000	27.000	0.250	0.250	0.000	3.375	-
Total Quantity						11.16 cum (cum)	11.16 Cum (Cubic Meter)	
Amount						11.16 X 240.77592	2687.06	
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	Road Cutt off	2.000	27.000	0.250	0.080	0.000	1.080	-
ii	Road base	1.000	27.000	2.600	0.080	0.000	5.616	-
Total Quantity						6.696 cum (cum)	6.696 Cum (Cubic Meter)	
Amount						6.696 X 1444.929432	9675.25	
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	Road Cutt off	2.000	27.000	0.230	0.300	0.000	3.726	-

ii	Road base	1.000	27.000	2.600	0.100	0.000	7.020	-
iii		1.000	7.000	8.000	0.100	0.000	5.600	-
Total Quantity					16.346 cum (cum)		16.346 Cum (Cubic Meter)	
Amount					16.346 X 5856.9789607		95738.18	

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	Road base	1.000	27.000	3.000	0.080	0.000	6.480	-
ii		1.000	7.000	8.000	0.080	0.000	4.480	-
Total Quantity					10.96 cum (cum)		10.96 Cum (Cubic Meter)	
Amount					10.96 X 7343.4180999		80483.86	

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	Road Cutt off	4.000	27.000	0.300	0.000	0.000	32.400	-
Total Quantity					32.4 Sqm (Sqm)		32.4 Sqm (Square Meter)	
Amount					32.4 X 216.23489289764		7006.01	

Total Amount (A) : 195590.36

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	1955.9035774026
2	Display Citizen Board @ Rs.1000	-	1000

3	Any Other Lumpsum @ Rs.1453.73	-	1453.73
4	Provision for survey investigation and quality control @ Rs.0	-	0
Additional Components Amount (F) : 4409.6335774026			

Grand Total Amount (A + F) : 199999.99131766			
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Chatrapur Block

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