

Detailed Estimate

**OD/350/3337/116965/399940/00071244 : IMPROVEMENT OF ROAD FROM SURA PATNAIK HOUSE TO CANAL
BANDHA, RAMACHANDRAPUR**

Block : Cuttacksadar, Gram Panchayat : Kishorenagar

Created By: Sujata 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	1.000	301.000	0.830	0.830	0.000	207.359	-
ii	Right side	1.000	301.000	1.500	1.500	0.000	677.250	-
Total Quantity					884.6089 Cft (Cubic Foot)		25.04929329952 Cum (Cubic Meter)	
Amount					25.04929329952 X 240.77592		6031.27	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off Wall	1.000	301.000	0.830	0.330	0.000	82.444	-
ii	Right Side wall	1.000	301.000	1.500	0.330	0.000	148.995	-
iii	Road	1.000	301.000	8.500	0.330	0.000	844.305	-
Total Quantity					1075.7439 Cft (Cubic Foot)		30.46162486752 Cum (Cubic Meter)	
Amount					30.46162486752 X 588.227232		17918.36	
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	1.000	301.000	0.750	1.160	0.000	261.870	-
ii	Right side wall	1.000	301.000	1.000	1.580	0.000	475.580	-
iii	Road	1.000	301.000	8.500	0.330	0.000	844.305	-
Total Quantity					1581.755 Cft (Cubic Foot)		44.790239984 Cum (Cubic Meter)	
Amount					44.790239984 X 6060.21693386		271438.57	

4. 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	Cut Off wall	2.000	301.000	0.000	1.160	0.000	698.320	-
ii	Right side Wall	2.000	301.000	0.000	1.580	0.000	951.160	-
iii	Road	2.000	301.000	0.000	0.250	0.000	150.500	-
Total Quantity					1799.98 Sft (Square Foot)		167.22354194 Sqm (Square Meter)	
Amount					167.22354194 X 216.23489289764		36159.56	

5. 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
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i	Road	1.000	301.000	10.000	0.250	0.000	752.500	-	
ii	Expansion joint	29.000	10.000	0.080	0.250	0.000	-	5.800	
Total Quantity					746.7 Cft (Cubic Foot)		21.14415456 Cum (Cubic Meter)		
Amount					21.14415456 X 7524.48725582		159098.92		
Total Amount							490646.68		
Addition									
Provision for Contingency (+) @							5000.00		
Display Citizen Board (+) @							4353.30		
Any Other Lumpsum (+) @									
Provision for survey investigation and quality control (+) @									
Total Addition							9353.30		
Grand Net Total Amount							499999.98		

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