

Detailed Estimate

OD/344/3283/115753/403983/00108775 : IMP OF ROAD FROM KANKILI RD ROAD TO GUNTHBAHAL

Block : Talacher, Gram Panchayat : Kankili

Created By:rabindranathudu

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	road cutoff	2.000	256.200	0.750	0.500	0.000	192.150	-
Total Quantity						192.15 Cft (Cubic Foot)	5.44107312 Cum (Cubic Meter)	
Amount						5.44107312 X 240.77592	1310.08	
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 cut off	2.000	256.200	0.750	0.160	0.000	61.488	-
ii	road base	1.000	100.000	12.330	0.330	0.000	406.890	-
iii	Road base	1.000	100.000	12.245	0.330	0.000	404.085	-
iv	Road base	0.000	56.200	12.415	0.330	0.000	230.249	-
Total Quantity						1102.71159 Cft (Cubic Foot)	31.225263551712 Cum (Cubic Meter)	
Amount						31.225263551712 X 755.887232	23602.78	
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 cutoff	2.000	256.200	0.750	0.660	0.000	253.638	-
ii	Road base	1.000	100.000	12.330	0.330	0.000	406.890	-
iii	Road base	1.000	100.000	12.245	0.330	0.000	404.085	-
iv	Road base	1.000	56.200	12.415	0.330	0.000	230.249	-
Total Quantity					1294.86159 Cft (Cubic Foot)		36.666336671712 Cum (Cubic Meter)	
Amount					36.666336671712 X 5895.87751288		216180.23	

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	Wearing coat	1.000	100.000	13.830	0.250	0.000	345.750	-
ii	Wearing coat	1.000	100.000	13.745	0.250	0.000	343.625	-
iii	Wearing coat	1.000	56.200	13.915	0.250	0.000	195.506	-
Total Quantity					884.88075 Cft (Cubic Foot)		25.0569912216 Cum (Cubic Meter)	
Amount					25.0569912216 X 7328.49602256		183630.06	

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 inside	2.000	256.200	0.000	0.660	0.000	338.184	-
ii	Road outside	2.000	256.200	0.000	0.910	0.000	466.284	-
Total Quantity					804.468 Sft (Square Foot)		74.737490604 Sqm (Square Meter)	
Amount					74.737490604 X 216.23489289764		16160.85	

Total Amount (A) : 440884.00

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.2250	-	2250
2	Display Citizen Board @ Rs.4591	-	4591
3	Any Other Lumpsum @ Rs.2274.8	Provision for hire & running charges of vibrator	2274.8

Additional Components Amount (F) : 9115.8

Grand Total Amount (A + F) : 449999.80106427

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JE
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SUSHANT KUMAR BARAL
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