

## Detailed Estimate

**OD/363/3469/119768/428900/00067086 : CONST OF ROAD AT SUNDI SAHI TO RD ROAD**

**Block : Dasamantapur, Gram Panchayat : Godiaguda**

**Created By:Deepak Kumar Jena**

<b>1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation</b>								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	125.000	2.600	0.000	0.000	325.000	-
Total Quantity					325 Sqm (Sqm)		325 Sqm (Square Meter)	
Amount					325 X 4.6662		1516.52	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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	SAND FILLING	1.000	125.000	2.600	0.100	0.000	32.500	-
ii	CUT OFF	2.000	125.000	0.200	0.100	0.000	5.000	-
iii	END CUT OFF	2.000	2.600	0.200	0.100	0.000	0.104	-
Total Quantity					37.604 cum (cum)		37.604 Cum (Cubic Meter)	
Amount					37.604 X 653.069232		24558.02	
<b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								
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	BED	1.000	125.000	2.600	0.100	0.000	32.500	-
ii	CUT OFF	2.000	125.000	0.200	0.250	0.000	12.500	-
iii	END CUT OFF	2.000	2.600	0.200	0.250	0.000	0.260	-
Total Quantity					45.26 cum (cum)		45.26 Cum (Cubic Meter)	
Amount					45.26 X 5794.6045523		262263.80	

**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	2.000	125.000	0.450	0.000	0.000	112.500	-
ii	END CUTOFF	2.000	2.600	0.450	0.000	0.000	2.340	-
Total Quantity					114.84 Sqm (Sqm)		114.84 Sqm (Square Meter)	
Amount					114.84 X 217.18138636004		24941.11	

**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
i	C.C BED	1.000	125.000	3.000	0.100	0.000	37.500	-
Total Quantity					37.5 cum (cum)		37.5 Cum (Cubic Meter)	
Amount					37.5 X 7300.7431961		273777.87	

**6. 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	2.000	125.000	0.200	0.250	0.000	12.500	-
ii	END CUTOFF	2.000	2.600	0.200	0.250	0.000	0.260	-
Total Quantity					12.76 cum (cum)		12.76 Cum (Cubic Meter)	
Amount					12.76 X 240.77592		3072.30	
Total Amount							590129.61	
<b>Addition</b>								
Provision for Contingency (+) @							5901.30	
Display Citizen Board (+) @							3969.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							9870.30	
Grand Net Total Amount							599999.91	

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