

## Detailed Estimate

**OD/370/3557/121253/426511/00072923 : Construction of CC road at Thota street at Sana Chandili**

**Block : Rayagada, Gram Panchayat : Chandili**

**Created By: T Someswar Rao**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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	Road	1.000	65.000	3.600	0.250	0.000	58.500	-
ii	Cut off wall	2.000	65.000	0.200	0.150	0.000	3.900	-
Total Quantity					62.4 cum (cum)		62.4 Cum (Cubic Meter)	
Amount					62.4 X 240.77592		15024.42	
<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		1.000	65.000	3.400	0.075	0.000	16.575	-
Total Quantity					16.575 cum (cum)		16.575 Cum (Cubic Meter)	
Amount					16.575 X 647.009232		10724.18	
<b>3. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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	Road	2.000	65.000	0.000	0.150	0.000	19.500	-

Total Quantity		19.5 Sqm (Sqm)		19.5 Sqm (Square Meter)				
Amount		19.5 X 216.23489289764		4216.58				
<b>4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	1.000	65.000	3.600	0.100	0.000	23.400	-
ii	cutoff	2.000	65.000	0.200	0.150	0.000	3.900	-
iii	Drain	1.000	15.000	0.300	0.450	0.000	2.025	-
Total Quantity		29.325 cum (cum)		29.325 Cum (Cubic Meter)				
Amount		29.325 X 5031.48320742		147548.25				
<b>5. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	65.000	3.600	0.075	0.000	17.550	-
Total Quantity		17.55 cum (cum)		17.55 Cum (Cubic Meter)				
Amount		17.55 X 6752.44342954		118505.38				
Total Amount		296018.80						
<b>Addition</b>								
Provision for Contingency (+) @		3000.00						
Display Citizen Board (+) @		981.00						
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>3981.00</b>
<b>Grand Net Total Amount</b>	<b>299999.80</b>

**T Someswar Rao**  
**JE**  
**Rayagada Block**

**SAMEER KUMAR RATH**  
**AEE**  
**Rayagada Block**

**SHRI SUJIT KUMAR MISHRA**  
**BDO**  
**Rayagada Block**