

## Detailed Estimate

**OD/353/3360/117503/413486/00070815 : Construction of CC at Pada sahi Rajakhama**  
**Block : Mohona, Gram Panchayat : Garadama**  
**Created By:Sunil Kumar Ratha**

<b>1. Earth Work (AR0103aa) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m</b>								
Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	60.500	0.230	0.230	0.000	6.401	-
Total Quantity					6.4009 cum (cum)		6.4009 Cum (Cubic Meter)	
Amount					6.4009 X 375.4984464		2403.53	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	60.500	3.190	0.100	0.000	19.300	-
Total Quantity					19.2995 cum (cum)		19.2995 Cum (Cubic Meter)	
Amount					19.2995 X 1217.154232		23490.47	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	60.500	0.230	0.400	0.000	11.132	-
ii	Road	1.000	60.500	3.190	0.100	0.000	19.300	-

Total Quantity		30.4315 cum (cum)		30.4315 Cum (Cubic Meter)				
Amount		30.4315 X 6083.18159272		185120.34				
<b>4. 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	Cutoff	4.000	60.500	0.000	0.230	0.000	55.660	-
ii	Road	2.000	60.500	0.000	0.100	0.000	12.100	-
Total Quantity		67.76 Sqm (Sqm)		67.76 Sqm (Square Meter)				
Amount		67.76 X 216.70813962884		14684.14				
<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 specificaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	60.500	3.650	0.100	0.000	22.083	-
Total Quantity		22.0825 cum (cum)		22.0825 Cum (Cubic Meter)				
Amount		22.0825 X 7580.63727864		167399.42				
Total Amount		393097.90						
<b>Addition</b>								
Provision for Contingency (+) @		3930.98						
Display Citizen Board (+) @		2971.00						
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>6901.98</b>
<b>Grand Net Total Amount</b>	<b>399999.88</b>

**Sunil Kumar Ratha**  
**JE**  
**Mohona Block**

**Asis Kumar Satapathy**  
**AEE**  
**Mohona Block**

**Rajiv Das**  
**BDO**  
**Mohona Block**