

## Detailed Estimate

OD/370/3557/121275/426551/00073295 : Construction C.C Road at Bedili  
Block : Rayagada, Gram Panchayat : Pitamahal  
Created By: RANJIT JENA

<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	C/wall	2.000	56.000	0.300	0.200	0.000	6.720	-
ii	Road Surface	1.000	56.000	3.050	0.050	0.000	8.540	-
Total Quantity					15.26 cum (cum)		15.26 Cum (Cubic Meter)	
Amount					15.26 X 240.77592		3674.24	
<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	C/wall	2.000	56.000	0.300	0.050	0.000	1.680	-
ii	Road Surface	1.000	56.000	3.050	0.050	0.000	8.540	-
Total Quantity					10.22 cum (cum)		10.22 Cum (Cubic Meter)	
Amount					10.22 X 652.766232		6671.27	
<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	C/wall	2.000	56.000	0.300	0.150	0.000	5.040	-
ii	Road Surface	1.000	56.000	3.650	0.100	0.000	20.440	-
Total Quantity					25.48 cum (cum)		25.48 Cum (Cubic Meter)	
Amount					25.48 X 5290.11431142		134792.11	
<b>4. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Surface	1.000	56.000	3.650	0.100	0.000	20.440	-
Total Quantity					20.44 cum (cum)		20.44 Cum (Cubic Meter)	
Amount					20.44 X 6858.88732954		140195.66	
<b>5. 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Side	2.000	56.000	0.000	0.200	0.000	22.400	-
Total Quantity					22.4 Sqm (Sqm)		22.4 Sqm (Square Meter)	
Amount					22.4 X 216.23489289764		4843.66	
<b>Total Amount</b>							<b>290176.94</b>	
<b>Addition</b>								
Provision for Contingency (+) @							2901.77	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1921.28	

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>9823.05</b>
<b>Grand Net Total Amount</b>	<b>2999999.99</b>

**RANJIT JENA**  
**JE**  
**Rayagada Block**

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

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