

## Detailed Estimate

**OD/365/3511/120398/387465/00079291 : CONST OF CC ROAD FROM BALIASAHI TO SALGADHIPA**

**Block : Tiring, Gram Panchayat : Baddalima**

**Created By: PURUSOTTAM NAHAK**

<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		2.000	54.000	0.230	0.250	0.000	6.210	-
ii		1.000	54.000	3.500	0.100	0.000	18.900	-
iii		1.000	3.040	0.230	0.250	0.000	0.175	-
Total Quantity					25.2848 cum (cum)		25.2848 Cum (Cubic Meter)	
Amount					25.2848 X 240.77592		6087.97	
<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		2.000	54.000	0.230	0.150	0.000	3.726	-
ii		1.000	54.000	3.040	0.100	0.000	16.416	-
iii		1.000	3.040	0.230	0.150	0.000	0.105	-
Total Quantity					20.24688 cum (cum)		20.24688 Cum (Cubic Meter)	
Amount					20.24688 X 918.386132		18594.45	
<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		2.000	54.000	0.230	0.200	0.000	4.968	-
ii		1.000	54.000	3.500	0.100	0.000	18.900	-
iii		1.000	3.040	0.230	0.200	0.000	0.140	-
Total Quantity					24.00784 cum (cum)		24.00784 Cum (Cubic Meter)	
Amount					24.00784 X 5839.2203933		140187.07	

**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		4.000	54.000	0.000	0.200	0.000	43.200	-
ii		2.000	54.000	0.000	0.200	0.000	21.600	-
Total Quantity					64.8 Sqm (Sqm)		64.8 Sqm (Square Meter)	
Amount					64.8 X 216.55039071844		14032.47	

**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		1.000	54.000	3.500	0.082	0.000	15.498	-
Total Quantity					15.498 cum (cum)		15.498 Cum (Cubic Meter)	

<b>Amount</b>	<b>15.498 X 7394.6538041</b>	<b>114602.34</b>
<b>Total Amount</b>		<b>293504.30</b>
<b>Addition</b>		
Provision for Contingency (+) @		195.69
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		3300.00
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>6495.69</b>
<b>Grand Net Total Amount</b>		<b>299999.99</b>

**PURUSOTTAM NAHAK**  
**JE**  
**Tiring Block**

**MANGALJYOTI MOHAPATRA**  
**AEE**  
**Tiring Block**

**BHAGBAT PRASAD MOHAPATRA**  
**BDO**  
**Tiring Block**