

## Detailed Estimate

**OD/352/3350/117255/403291/00101128 : Construction of C C road Prasad Behera house to Juang Sahi Mahulpada**  
**Block : Dhenkanal Sadar, Gram Panchayat : Baladibandha**  
**Created By:Itishree Mallik**

<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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	60.000	0.250	0.100	0.000	3.000	-
<b>Total Quantity</b>						<b>3 cum (cum)</b>	<b>3 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>3 X 240.77592</b>	<b>722.33</b>	
<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	cut off	2.000	60.000	0.250	0.050	0.000	1.500	-
ii	Road	1.000	60.000	3.150	0.050	0.000	9.450	-
<b>Total Quantity</b>						<b>10.95 cum (cum)</b>	<b>10.95 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>10.95 X 1020.557732</b>	<b>11175.11</b>	
<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	Cut off	2.000	60.000	0.250	0.200	0.000	6.000	-
ii	Base	1.000	60.000	3.150	0.085	0.000	16.065	-
<b>Total Quantity</b>						<b>22.065 cum (cum)</b>	<b>22.065 Cum (Cubic Meter)</b>	

<b>Amount</b>	<b>22.065 X 5725.74659434</b>	<b>126338.60</b>
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**4. 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	Road	1.000	65.000	3.650	0.085	0.000	20.166	-
Total Quantity							20.16625 cum (cum)	20.16625 Cum (Cubic Meter)
<b>Amount</b>							<b>20.16625 X 7172.13509658</b>	<b>144635.07</b>

**5. 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	60.000	0.200	0.000	0.000	24.000	-
ii	Cut off	2.000	60.000	0.090	0.000	0.000	10.800	-
Total Quantity							34.8 Sqm (Sqm)	34.8 Sqm (Square Meter)
<b>Amount</b>							<b>34.8 X 216.39264180804</b>	<b>7530.46</b>

**Total Amount (A) : 290401.57**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	2904.0156685584
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.1600	Vibrator chages & expansion joint	1600

**Additional Components Amount (F) : 9504.0156685584**

**Grand Total Amount (A + F) : 299905.5825244**

**Itishree Mallik  
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Dhenkanal Sadar Block**

**Ramratan Bhuyan  
AEE  
Dhenkanal Sadar Block**

**Rahul Mandal  
BDO  
Dhenkanal Sadar Block**