

## Detailed Estimate

**OD/354/3381/117941/412250/00021749 : Const. of CC/ Paved Road from Baruni Ghat to Balichandi at Pratapur**  
**Block : Purushottampur, Gram Panchayat : Patrapur**  
**Created By:Parameswari Patra**

<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	Cutoff Wall	2.000	46.200	0.230	0.230	0.000	4.888	-
ii	Road Levelling	1.000	46.200	6.240	0.100	0.000	28.829	-
Total Quantity					33.71676 cum (cum)		33.71676 Cum (Cubic Meter)	
Amount					33.71676 X 240.77592		8118.18	
<b>2. Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed</b>								
Filling foundation and plinth with crusher dust 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	Cutoff Wall	2.000	46.200	0.230	0.100	0.000	2.125	-
ii	Road	1.000	46.200	6.240	0.100	0.000	28.829	-
Total Quantity					30.954 cum (cum)		30.954 Cum (Cubic Meter)	
Amount					30.954 X 784.722732		24290.31	
<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	Cutoff Wall	1.000	46.200	0.230	0.350	0.000	3.719	-
Total Quantity					3.7191 cum (cum)		3.7191 Cum (Cubic Meter)	
Amount					3.7191 X 5898.85291026		21938.42	
<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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	4.000	46.200	0.230	0.200	0.000	8.501	-
Total Quantity					8.5008 Sqm (Sqm)		8.5008 Sqm (Square Meter)	
Amount					8.5008 X 216.2979924618		1838.71	
<b>5. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC</b>								
Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	46.200	6.240	0.000	0.000	288.288	-
Total Quantity					288.288 Sqm (Sqm)		288.288 Sqm (Square Meter)	
Amount					288.288 X 643.7466		185584.42	
<b>6. 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	Cutoff	2.000	46.200	0.230	0.100	0.000	2.125	-

ii	Side Road	2.000	6.700	0.600	0.100	0.000	0.804	-
Total Quantity					2.9292 cum (cum)		2.9292 Cum (Cubic Meter)	
Amount					2.9292 X 7450.97761762		21825.40	
Total Amount							263595.44	
<b>Addition</b>								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							2500.00	
Any Other Lumpsum (+) @							33904.00	
Provision for survey investigation and quality control (+) @							0.00	
Total Addition							36404.00	
Grand Net Total Amount							299999.44	

Parameswari Patra  
JE  
Purushottampur Block

Saroj Kumar Sabat  
AEE  
Purushottampur Block

Sarat Kumar Patro  
BDO  
Purushottampur Block