

## Detailed Estimate

**OD/362/3465/119685/408003/00063059 : maintenance of road from pmgsy road to dhani routaray chhak**  
**Block : Tangi, Gram Panchayat : Badapokharia**  
**Created By:PRIYADARSHINI MOHAPATRA**

<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	139.000	0.750	0.500	0.000	104.250	-
Total Quantity					104.25 Cft (Cubic Foot)		2.9520264 Cum (Cubic Meter)	
Amount					2.9520264 X 240.77592		710.78	
<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	Cutoff Wall	2.000	139.000	0.500	0.160	0.000	22.240	-
ii	Sub Base	1.000	139.000	10.500	0.340	0.000	496.230	-
Total Quantity					518.47 Cft (Cubic Foot)		14.681411296 Cum (Cubic Meter)	
Amount					14.681411296 X 1293.257732		18986.85	
<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	2.000	139.000	0.750	0.340	0.000	70.890	-
ii	Base	1.000	139.000	12.000	0.340	0.000	567.120	-
Total Quantity					638.01 Cft (Cubic Foot)		18.066401568 Cum (Cubic Meter)	
Amount					18.066401568 X 5628.5695615		101688.00	

**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	Cutoff Wall	4.000	139.000	0.000	0.500	0.000	278.000	-
ii	Base	2.000	139.000	0.000	1.000	0.000	278.000	-
Total Quantity					556 Sft (Square Foot)		51.654068 Sqm (Square Meter)	
Amount					51.654068 X 216.23489289764		11169.41	

**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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Base	1.000	139.000	12.000	0.340	0.000	567.120	-
Total Quantity					567.12 Cft (Cubic Foot)		16.059023616 Cum (Cubic Meter)	
Amount					16.059023616 X 7080.5862645		113707.30	
Total Amount							246262.34	
Addition								

Provision for Contingency (+) @	2500.00
Display Citizen Board (+) @	1237.55
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>3737.55</b>
<b>Grand Net Total Amount</b>	<b>249999.89</b>

**PRIYADARSHINI MOHAPATRA**  
**JE**  
**Tangi Block**

**ASHOK KUMAR NANDA**  
**AEE**  
**Tangi Block**

**Rumana Jafri**  
**BDO**  
**Tangi Block**