

## Detailed Estimate

**OD/373/3584/121702/383637/00068541 : Construction of Cement Concrete Road from Pymary School to**

**Awnganwadi at Budapahad**

**Block : Lephripara, Gram Panchayat : Masabira**

**Created By:Santosh Tandia**

<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	cutoff	2.000	51.000	0.225	0.250	0.000	5.738	-
Total Quantity					5.7375 cum (cum)		5.7375 Cum (Cubic Meter)	
<b>Amount</b>					<b>5.7375 X 240.77592</b>		<b>1381.45</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	Road subbase	1.000	51.000	3.200	0.100	0.000	16.320	-
ii	cutoff	2.000	51.000	0.225	0.050	0.000	1.148	-
Total Quantity					17.4675 cum (cum)		17.4675 Cum (Cubic Meter)	
<b>Amount</b>					<b>17.4675 X 975.764232</b>		<b>17044.16</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	cutoff	2.000	51.000	0.225	0.200	0.000	4.590	-

ii	Road base	1.000	51.000	3.650	0.100	0.000	18.615	-
Total Quantity					23.205 cum (cum)		23.205 Cum (Cubic Meter)	
Amount					23.205 X 5667.82235502		131521.82	
<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	51.000	0.000	0.300	0.000	30.600	-
Total Quantity					30.6 Sqm (Sqm)		30.6 Sqm (Square Meter)	
Amount					30.6 X 216.23489289764		6616.79	
<b>5. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road base	1.000	51.000	3.650	0.100	0.000	18.615	-
Total Quantity					18.615 cum (cum)		18.615 Cum (Cubic Meter)	
Amount					18.615 X 7140.44232274		132919.33	
<b>Total Amount</b>							<b>289483.55</b>	
<b>Addition</b>								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							2516.44	

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>10516.44</b>
<b>Grand Net Total Amount</b>	<b>299999.99</b>

**Santosh Tandia**  
**JE**  
**Lephripara Block**

**Brusabhanu Bhoi**  
**AEE**  
**Lephripara Block**

**BDO LEPHRIPARA**  
**BDO**  
**Lephripara Block**