

## Detailed Estimate

**OD/373/3589/121775/383880/00069860 : Construction of Cement Concrete Road from Pandey House to AWC Building  
at Trungagarh**

**Block : Tangarpali, Gram Panchayat : Megdega**

**Created By: JAYADEV 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Earth work	1.000	137.000	3.650	0.100	0.000	50.005	-
Total Quantity					50.005 cum (cum)		50.005 Cum (Cubic Meter)	
Amount					50.005 X 240.77592		12040.00	
<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	Sand Filling	1.000	137.000	3.650	0.100	0.000	50.005	-
Total Quantity					50.005 cum (cum)		50.005 Cum (Cubic Meter)	
Amount					50.005 X 1352.029632		67608.24	
<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	Road Base	1.000	137.000	3.650	0.100	0.000	50.005	-
Total Quantity					50.005 cum (cum)		50.005 Cum (Cubic Meter)	

<b>Amount</b>				<b>50.005 X 5733.50786662</b>			<b>286704.06</b>	
<b>4. 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	Road Wearing Coat	1.000	137.000	3.650	0.088	0.000	44.004	-
ii	Expansion Joints	20.000	3.650	0.013	0.088	0.000	-	0.084
<b>Total Quantity</b>					<b>43.920888 cum (cum)</b>		<b>43.920888 Cum (Cubic Meter)</b>	
<b>Amount</b>				<b>43.920888 X 7196.81963394</b>			<b>316090.71</b>	
<b>5. 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	Outer sides of Road	2.000	137.000	0.000	0.180	0.000	49.320	-
<b>Total Quantity</b>					<b>49.32 Sqm (Sqm)</b>		<b>49.32 Sqm (Square Meter)</b>	
<b>Amount</b>				<b>49.32 X 216.23489289764</b>			<b>10664.70</b>	
<b>Total Amount</b>							<b>693107.72</b>	
<b>Addition</b>								
Provision for Contingency (+) @							7087.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	3534.00
<b>Total Addition</b>	<b>15621.00</b>
<b>Grand Net Total Amount</b>	<b>708728.72</b>

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**AEE**  
**Tangarpali Block**

**BDO Tangarpali**  
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