

## Detailed Estimate

**OD/348/3325/116678/394304/00064889 : MAINTAINCE OF CC ROAD FROM PANDA GADHIA CHHAKA PURUSANDHA  
NODAL SCHOOL TO PADHI SAHI OF VILLAGE PURUSANDHA**

**Block : Bonth, Gram Panchayat : Purusandha**

**Created By:Pragyan Paramita Mohanty**

<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	1.000	172.000	0.750	0.660	0.000	85.140	-
<b>Total Quantity</b>					85.14 Cft (Cubic Foot)		2.410892352 Cum (Cubic Meter)	
<b>Amount</b>					<b>2.410892352 X 240.77592</b>		<b>580.48</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	cutoff	1.000	172.000	0.750	0.330	0.000	42.570	-
ii	road	1.000	172.000	1.250	0.660	0.000	141.900	-
<b>Total Quantity</b>					184.47 Cft (Cubic Foot)		5.223600096 Cum (Cubic Meter)	
<b>Amount</b>					<b>5.223600096 X 1041.515232</b>		<b>5440.46</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	1.000	172.000	0.750	1.000	0.000	129.000	-
ii	road	1.000	172.000	2.000	0.330	0.000	113.520	-
Total Quantity					242.52 Cft (Cubic Foot)		6.867390336 Cum (Cubic Meter)	
Amount					6.867390336 X 5892.02097938		40462.81	
<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	2.000	172.000	0.660	0.000	0.000	227.040	-
ii	road	1.000	172.000	0.330	0.000	0.000	56.760	-
iii	road	2.000	230.000	0.330	0.000	0.000	151.800	-
Total Quantity					435.6 Sft (Square Foot)		40.4685468 Sqm (Square Meter)	
Amount					40.4685468 X 216.23489289764		8750.71	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	230.000	12.000	0.330	0.000	910.800	-
Total Quantity					910.8 Cft (Cubic Foot)		25.79094144 Cum (Cubic Meter)	
Amount					25.79094144 X 7309.98630806		188531.43	
Total Amount							243765.89	

<b>Addition</b>	
Provision for Contingency (+) @	2437.66
Display Citizen Board (+) @	2196.00
Any Other Lumpsum (+) @	1600.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>6233.66</b>
<b>Grand Net Total Amount</b>	<b>249999.55</b>

**Pragyan Paramita Mohanty**  
**JE**  
**Bonth Block**

**Sradhasuman Nath**  
**AEE**  
**Bonth Block**

**SITAKANTA ROUT**  
**BDO**  
**Bonth Block**