

## Detailed Estimate

**OD/361/3449/119411/387175/00066586 : cost. of cc road at subarneswar high school at sulana village**

**Block : Hatadihi, Gram Panchayat : Sulana**

**Created By:ARATIBALA DHAAL**

<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	2.000	48.700	0.300	0.300	1.000	8.766	-
Total Quantity					8.766 cum (cum)		8.766 Cum (Cubic Meter)	
Amount					8.766 X 240.77592		2110.64	
<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	cut off	2.000	48.700	0.300	0.150	1.000	4.383	-
ii	Road	1.000	48.700	3.000	0.150	1.000	21.915	-
Total Quantity					26.298 cum (cum)		26.298 Cum (Cubic Meter)	
Amount					26.298 X 1024.405832		26939.82	
<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	2.000	48.700	0.300	0.150	1.000	4.383	-

ii	road	1.000	48.700	3.600	0.100	1.000	17.532	-
Total Quantity					21.915 cum (cum)		21.915 Cum (Cubic Meter)	
Amount					21.915 X 5879.62326574		128851.94	
<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	1.000	48.700	3.600	0.100	1.000	17.532	-
Total Quantity					17.532 cum (cum)		17.532 Cum (Cubic Meter)	
Amount					17.532 X 7343.07242538		128738.75	
<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	Cut off	4.000	48.700	0.150	1.000	1.000	29.220	-
Total Quantity					29.22 Sqm (Sqm)		29.22 Sqm (Square Meter)	
Amount					29.22 X 216.39264180804		6322.99	
<b>Total Amount</b>							<b>292964.15</b>	
<b>Addition</b>								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							1035.50	

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>7035.50</b>
<b>Grand Net Total Amount</b>	<b>299999.65</b>

**JE**  
**Hatadihi Block**

**MONALISHA NAIK**  
**AEE**  
**Hatadihi Block**

**RANJAN KUMAR PARIDA**  
**BDO**  
**Hatadihi Block**