

## Detailed Estimate

**OD/363/3479/119925/430081/00072788 : Construction of Road from Forest to School of D Renu**  
**Block : Semiliguda, Gram Panchayat : Sadam**  
**Created By: JAGADISH KUMAR SAHOO**

<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	Cut off	2.000	101.000	0.150	0.150	1.000	4.545	-
ii	Formation Bed	1.000	101.000	3.300	0.100	1.000	33.330	-
Total Quantity					37.875 cum (cum)		37.875 Cum (Cubic Meter)	
Amount					37.875 X 240.77592		9119.39	
<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	Formation Bed	1.000	101.000	3.300	0.100	1.000	33.330	-
Total Quantity					33.33 cum (cum)		33.33 Cum (Cubic Meter)	
Amount					33.33 X 652.311732		21741.55	
<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	Cut off	2.000	101.000	0.150	0.150	1.000	4.545	-

ii	CC Road	1.000	101.000	3.600	0.100	1.000	36.360	-
Total Quantity					40.905 cum (cum)		40.905 Cum (Cubic Meter)	
Amount					40.905 X 5515.1475008		225597.11	
<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	Road Side	2.000	101.000	0.000	0.175	1.000	35.350	-
Total Quantity					35.35 Sqm (Sqm)		35.35 Sqm (Square Meter)	
Amount					35.35 X 216.70813962884		7660.63	
<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	Top Coat	1.000	101.000	3.600	0.075	1.000	27.270	-
Total Quantity					27.27 cum (cum)		27.27 Cum (Cubic Meter)	
Amount					27.27 X 7019.2415006		191414.72	
<b>Total Amount</b>							<b>455533.39</b>	
<b>Addition</b>								
Provision for Contingency (+) @							4700.00	
Display Citizen Board (+) @							3066.00	
Any Other Lumpsum (+) @							4700.00	
Provision for survey investigation and quality control (+) @								

<b>Total Addition</b>	<b>12466.00</b>
<b>Grand Net Total Amount</b>	<b>467999.39</b>

**JE**  
**Semiliguda Block**

**ER TOPHAN KUMAR NAYAK**  
**AEE**  
**Semiliguda Block**

**JASHMIN KUMAR PRADHAN**  
**BDO**  
**Semiliguda Block**