

## Detailed Estimate

**OD/373/3574/121547/384088/00068867 : Construction of Cement Concrete Road from Sankaraposh RD Road to Sorengpada**

**Block : Bargaon, Gram Panchayat : Sahajbahal**

**Created By: DANBHUSAN XAXA AE**

SI No	Description	No	L	B	D	CF	Quantity	Deduction
<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								
i	Road	1.000	87.500	3.650	0.075	0.000	23.953	-
ii	Cut off	2.000	87.500	0.200	0.200	0.000	7.000	-
Total Quantity					30.953125 cum (cum)		30.953125 Cum (Cubic Meter)	
Amount					30.953125 X 240.77592		7452.77	
<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.								
i	Cut off	2.000	87.500	0.200	0.075	0.000	2.625	-
ii	Road	1.000	87.500	3.250	0.075	0.000	21.328	-
Total Quantity					23.953125 cum (cum)		23.953125 Cum (Cubic Meter)	
Amount					23.953125 X 922.133232		22087.97	
<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	87.500	0.200	0.200	0.000	7.000	-
ii	Road	1.000	87.500	3.650	0.100	0.000	31.938	-
Total Quantity					38.9375 cum (cum)		38.9375 Cum (Cubic Meter)	
Amount					38.9375 X 5764.26720452		224446.15	

**4. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

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	2.000	87.500	0.000	0.200	0.000	35.000	-
Total Quantity					35 Sqm (Sqm)		35 Sqm (Square Meter)	
Amount					35 X 217.02363744964		7595.83	

**5. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum**

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 specification and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	87.500	3.650	0.100	0.000	31.938	-
Total Quantity					31.9375 cum (cum)		31.9375 Cum (Cubic Meter)	
Amount					31.9375 X 7224.35579924		230727.86	

**6. Earth Work (AR0114) : Filling of foundation with escalated earth**

Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
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i	Road	2.000	87.500	0.450	0.300	0.000	23.625	-
Total Quantity					23.625 cum (cum)		23.625 Cum (Cubic Meter)	
Amount					23.625 X 99.54497784		2351.75	
Total Amount							494662.33	
<b>Addition</b>								
Provision for Contingency (+) @							1941.66	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							6941.66	
Grand Net Total Amount							501603.99	

**DANBHUSAN XAXA AE**  
**JE**  
**Bargaon Block**

**SUNIL MURMU**  
**AEE**  
**Bargaon Block**

**BDO Bargaon**  
**BDO**  
**Bargaon Block**