

## Detailed Estimate

**OD/373/3588/121758/383747/00071703 : Construction of Cement Concrete Road from PWD Road to Andhari Temple at Deuli**

**Block : Sundargarh, Gram Panchayat : Deuli**

**Created By:Kabita Pradhan**

<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	CC ROAD	1.000	100.000	3.650	0.150	0.000	54.750	-
ii	G WALL	1.000	19.000	0.900	0.900	0.000	15.390	-
Total Quantity					70.14 cum (cum)		70.14 Cum (Cubic Meter)	
Amount					70.14 X 240.77592		16888.02	
<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	CC ROAD	1.000	100.000	3.650	0.100	0.000	36.500	-
ii	G WALL	1.000	19.000	0.900	0.100	0.000	1.710	-
Total Quantity					38.21 cum (cum)		38.21 Cum (Cubic Meter)	
Amount					38.21 X 750.837232		28689.49	
<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	CC Road	1.000	100.000	3.650	0.100	0.000	36.500	-	
ii	G WALL	1.000	19.000	0.900	0.300	0.000	5.130	-	
iii	G WALL	1.000	19.000	0.420	1.400	0.000	11.172	-	
Total Quantity					52.802 cum (cum)		52.802 Cum (Cubic Meter)		
Amount					52.802 X 6113.30507502		322794.73		

**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	CC ROAD	2.000	100.000	3.650	0.200	0.000	146.000	-	
ii	G WALL	2.000	19.000	0.420	1.400	0.000	22.344	-	
Total Quantity					168.344 Sqm (Sqm)		168.344 Sqm (Square Meter)		
Amount					168.344 X 216.70813962884		36481.52		

**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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	CC ROAD	1.000	100.000	3.650	0.100	0.000	36.500	-	
ii	G WALL	1.000	19.000	0.350	0.050	0.000	0.333	-	
Total Quantity					36.8325 cum (cum)		36.8325 Cum (Cubic Meter)		
Amount					36.8325 X 7558.08237274		278383.07		
<b>Total Amount</b>							<b>683236.83</b>		

<b>Addition</b>	
Provision for Contingency (+) @	7000.00
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	4763.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>16763.00</b>
<b>Grand Net Total Amount</b>	<b>699999.83</b>

**Kabita Pradhan**  
**JE**  
**Sundargarh Block**

**Shalini Singh**  
**AEE**  
**Sundargarh Block**

**Fabi Rasheed**  
**BDO**  
**Sundargarh Block**