

## Detailed Estimate

**OD/346/3305/116253/393307/00069509 : Repair and restoration of road from Nuasahi road to chandan sahi road via nuasahi jahira**

**Block : Nilgiri, Gram Panchayat : Telipal**

**Created By: MADHUSMITA 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	32.000	0.750	0.660	0.000	31.680	-
Total Quantity					31.68 Cft (Cubic Foot)		0.897076224 Cum (Cubic Meter)	
Amount					0.897076224 X 240.77592		215.99	
<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	WALL	2.000	32.000	0.750	0.330	0.000	15.840	-
ii	ROAD	1.000	32.000	10.500	0.330	0.000	110.880	-
Total Quantity					126.72 Cft (Cubic Foot)		3.588304896 Cum (Cubic Meter)	
Amount					3.588304896 X 1118.780232		4014.52	
<b>3. 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	WALL	2.000	32.000	2.000	0.330	0.000	42.240	-
ii	ROAD	1.000	32.000	2.000	0.660	0.000	42.240	-
Total Quantity					84.48 Sft (Square Foot)		7.84844544 Sqm (Square Meter)	
Amount					7.84844544 X 216.39264180804		1698.35	

#### 4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	WALL	2.000	32.000	0.750	0.660	0.000	31.680	-
ii	ROAD	1.000	32.000	12.000	0.330	0.000	126.720	-
Total Quantity					158.4 Cft (Cubic Foot)		4.48538112 Cum (Cubic Meter)	
Amount					4.48538112 X 6237.9868662		27979.75	

#### 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	ROAD	1.000	32.000	12.000	0.290	0.000	111.360	-
Total Quantity					111.36 Cft (Cubic Foot)		3.153358848 Cum (Cubic Meter)	
Amount					3.153358848 X 7872.5794714		24825.07	
Total Amount							58733.68	

<b>Addition</b>	
Provision for Contingency (+) @	610.00
Display Citizen Board (+) @	300.00
Any Other Lumpsum (+) @	1356.31
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>2266.31</b>
<b>Grand Net Total Amount</b>	<b>60999.99</b>

**MADHUSMITA MOHANTY**  
**JE**  
**Nilgiri Block**

**Sarat kumar Upadhyay**  
**AEE**  
**Nilgiri Block**

**Bikram Kishore Parida**  
**BDO**  
**Nilgiri Block**