

## Detailed Estimate

**OD/346/3305/116252/393162/00065816 : Repair and restoration of road from DeuchakhaLA GHAT sahi to awc  
Block : Nilgiri, Gram Panchayat : Siadimal  
Created By:SANJEEB KUMAR PANDA**

<b>1. 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	17.000	0.750	0.250	0.000	6.375	-
ii	carriageway	1.000	17.000	27.000	0.330	0.000	151.470	-
Total Quantity					157.845 Cft (Cubic Foot)		4.469665296 Cum (Cubic Meter)	
<b>Amount</b>					<b>4.469665296 X 1041.515232</b>		<b>4655.22</b>	
<b>2. 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	17.000	0.750	0.500	0.000	12.750	-
ii	carriageway	1.000	17.000	24.900	0.330	0.000	139.689	-
Total Quantity					152.439 Cft (Cubic Foot)		4.3165846752 Cum (Cubic Meter)	
<b>Amount</b>					<b>4.3165846752 X 5887.7757797</b>		<b>25415.08</b>	
<b>3. 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 specifaion and direction of Engineer-in charge.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	carriageway	1.000	17.000	25.000	0.290	0.000	123.250	-
Total Quantity					123.25 Cft (Cubic Foot)		3.4900456 Cum (Cubic Meter)	
Amount					3.4900456 X 7306.9669979		25501.65	
<b>4. 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	17.000	0.750	0.500	0.000	12.750	-
Total Quantity					12.75 Cft (Cubic Foot)		0.3610392 Cum (Cubic Meter)	
Amount					0.3610392 X 240.77592		86.93	
<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	2.000	17.000	0.500	2.000	0.000	34.000	-
ii	bed	1.000	17.000	0.660	2.000	0.000	22.440	-
Total Quantity					56.44 Sft (Square Foot)		5.24344532 Sqm (Square Meter)	
Amount					5.24344532 X 216.39264180804		1134.64	
Total Amount							56793.53	
Addition								

Provision for Contingency (+) @	600.00
Display Citizen Board (+) @	1000.00
Any Other Lumpsum (+) @	600.00
Provision for survey investigation and quality control (+) @	1006.00
<b>Total Addition</b>	<b>3206.00</b>
<b>Grand Net Total Amount</b>	<b>59999.53</b>

**SANJEEB KUMAR PANDA**  
**JE**  
**Nilgiri Block**

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

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