

## Detailed Estimate

**OD/347/3315/116451/380501/00018596 : Imp. of Road with CC/ Grade-II Metalling At Jharapali Harijanpada**  
**Block : Bheden, Gram Panchayat : Sanjirda**  
**Created By:Chiranjib Kumar Nath**

<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	Cutoff	2.000	66.000	0.250	0.200	1.000	6.600	-
ii	Cutoff	1.000	3.600	0.250	0.200	1.000	0.180	-
Total Quantity					6.78 cum (cum)		6.78 Cum (Cubic Meter)	
Amount					6.78 X 240.77592		1632.46	
<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	Cut off	2.000	66.000	0.250	0.050	1.000	1.650	-
ii	cut off	1.000	3.650	0.250	0.050	1.000	0.046	-
iii	Base	1.000	66.000	3.100	0.100	1.000	20.460	-
Total Quantity					22.155625 cum (cum)		22.155625 Cum (Cubic Meter)	
Amount					22.155625 X 630.000832		13958.06	
<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	66.000	0.250	0.250	1.000	8.250	-
ii	road	1.000	66.000	3.600	0.090	1.000	21.384	-
Total Quantity					29.634 cum (cum)		29.634 Cum (Cubic Meter)	
Amount					29.634 X 5481.28989296		162432.54	
<b>4. 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	road	1.000	66.000	3.600	0.070	0.000	16.632	-
Total Quantity					16.632 cum (cum)		16.632 Cum (Cubic Meter)	
Amount					16.632 X 7093.15672652		117973.38	
<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	66.000	0.000	0.100	1.000	13.200	-
Total Quantity					13.2 Sqm (Sqm)		13.2 Sqm (Square Meter)	
Amount					13.2 X 216.23489289764		2854.30	
<b>Total Amount</b>							<b>298850.75</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1000.00	

Display Citizen Board (+) @	149.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>1149.00</b>
<b>Grand Net Total Amount</b>	<b>299999.75</b>

**Chiranjib Kumar Nath**  
**JE**  
**Bheden Block**

**Sunil Kumar Prusty**  
**AEE**  
**Bheden Block**

**KARNA SUNA**  
**BDO**  
**Bheden Block**