

## Detailed Estimate

**OD/357/3408/118583/381042/00063637 : Construction of CC road from Katujore school to Kanhu House**  
**Block : Lakhanpur, Gram Panchayat : Piplimal**  
**Created By: ARUNA MANJARI SINGH**

<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	103.500	0.150	0.150	0.000	4.658	-
ii	road levelling	1.000	103.500	3.650	0.075	0.000	28.333	-
Total Quantity					32.990625 cum (cum)		32.990625 Cum (Cubic Meter)	
Amount					32.990625 X 240.77592		7943.35	
<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	cutoff	2.000	103.500	0.150	0.050	0.000	1.553	-
ii	Road base	1.000	103.500	3.350	0.100	0.000	34.673	-
Total Quantity					36.225 cum (cum)		36.225 Cum (Cubic Meter)	
Amount					36.225 X 971.128332		35179.12	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	cutoff	2.000	103.500	0.150	0.100	0.000	3.105	-
ii	road	1.000	103.500	3.650	0.100	0.000	37.778	-
Total Quantity					40.8825 cum (cum)		40.8825 Cum (Cubic Meter)	
Amount					40.8825 X 5717.0720235		233728.20	
<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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	103.500	3.650	0.075	0.000	28.333	-
Total Quantity					28.333125 cum (cum)		28.333125 Cum (Cubic Meter)	
Amount					28.333125 X 7177.9182475		203372.85	
<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	side	2.000	103.500	0.000	0.267	0.000	55.269	-
Total Quantity					55.269 Sqm (Sqm)		55.269 Sqm (Square Meter)	
Amount					55.269 X 216.23489289764		11951.09	
<b>Total Amount</b>							<b>492174.61</b>	
<b>Addition</b>								
Provision for Contingency (+) @							5000.00	
Display Citizen Board (+) @							2825.30	

Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>7825.30</b>
<b>Grand Net Total Amount</b>	<b>499999.91</b>

**JE**  
**Lakhanpur Block**

**SUSMITA MUNDA**  
**AEE**  
**Lakhanpur Block**

**Binay Patel**  
**BDO**  
**Lakhanpur Block**