

## Detailed Estimate

**OD/354/3367/117652/410592/00063958 : Improvement of road at Jogimari Pachima Harijana Sahi**  
**Block : Bhanjanagar, Gram Panchayat : Sanakodanda**  
**Created By: MADHU BEHERA**

<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	58.500	0.230	0.200	0.000	5.382	-
Total Quantity					5.382 cum (cum)		5.382 Cum (Cubic Meter)	
Amount					5.382 X 240.77592		1295.86	
<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	58.500	0.230	0.100	0.000	2.691	-
ii	paver base	1.000	58.500	3.650	0.100	0.000	21.353	-
Total Quantity					24.0435 cum (cum)		24.0435 Cum (Cubic Meter)	
Amount					24.0435 X 748.837432		18004.67	
<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	58.500	0.230	0.100	0.000	2.691	-

Total Quantity		2.691 cum (cum)		2.691 Cum (Cubic Meter)				
Amount		2.691 X 5385.31614786		14491.89				
<b>4. 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	cutoff	2.000	2.000	58.500	0.300	0.000	70.200	-
Total Quantity		70.2 Sqm (Sqm)		70.2 Sqm (Square Meter)				
Amount		70.2 X 216.39264180804		15190.76				
<b>5. 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	wall	2.000	58.500	0.230	0.075	0.000	2.018	-
Total Quantity		2.01825 cum (cum)		2.01825 Cum (Cubic Meter)				
Amount		2.01825 X 6911.27716882		13948.69				
<b>6. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC</b>								
Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	base	1.000	58.500	3.350	0.000	0.000	195.975	-
Total Quantity		195.975 Sqm (Sqm)		195.975 Sqm (Square Meter)				

<b>Amount</b>		<b>195.975 X 626.9766</b>					<b>122871.74</b>	
<b>7. Road Work (AR1309) : metal and packing the voids with small stones and hand packing the same to proper camber</b>								
Supplying & spreading metal and packing the voids with small stones and hand packing the same to proper camber including conveying spreading of moorum and filling the interstices by spreading the same over the surface, watering, and consolidation with PRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and direction of Engineer-in-Charge.(To be used for minor repair works only) (Complete thickness 75mm)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	paver	1.000	58.500	3.650	0.100	0.000	21.353	-
Total Quantity					21.3525 cum (cum)		21.3525 Cum (Cubic Meter)	
<b>Amount</b>					<b>21.3525 X 2028.5445431117</b>		<b>43314.50</b>	
<b>8. Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed</b>								
Filling foundation and plinth with crusher dust 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	base	1.000	58.500	3.650	0.100	0.000	21.353	-
Total Quantity					21.3525 cum (cum)		21.3525 Cum (Cubic Meter)	
<b>Amount</b>					<b>21.3525 X 660.391732</b>		<b>14101.01</b>	
<b>Total Amount</b>							<b>243219.11</b>	
<b>Addition</b>								
Provision for Contingency (+) @							2500.00	
Display Citizen Board (+) @							4000.00	
Any Other Lumpsum (+) @							280.00	
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>6780.00</b>	

**Grand Net Total Amount**

**249999.11**

**MADHU BEHERA  
JE  
Bhanjanagar Block**

**NITYANANDA PATRO  
AEE  
Bhanjanagar Block**

**BHARATEE DEVI  
BDO  
Bhanjanagar Block**