

## Detailed Estimate

**OD/363/3470/119794/428276/00067173 : CONST OF CC ROAD/ PAVER BLOCK ROAD AT HARIJAN SAHI TO PENTHIA SAHI CHATARLA**

**Block : Jeypore, Gram Panchayat : Pujariput**

**Created By: BHABANI SANKAR PATRA**

<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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	99.100	0.400	0.300	0.000	23.784	-
Total Quantity					23.784 cum (cum)		23.784 Cum (Cubic Meter)	
Amount					23.784 X 240.77592		5726.61	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	99.100	4.000	0.200	0.000	79.280	-
Total Quantity					79.28 cum (cum)		79.28 Cum (Cubic Meter)	
Amount					79.28 X 601.003732		47647.58	
<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	paver cutoff	2.000	99.100	0.300	0.300	0.000	17.838	-
ii	berm	1.000	99.100	1.500	0.100	0.000	14.865	-

Total Quantity		32.703 cum (cum)		32.703 Cum (Cubic Meter)				
Amount		32.703 X 5395.8078703		176459.10				
<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	wall	2.000	99.100	0.300	0.000	0.000	59.460	-
Total Quantity		59.46 Sqm (Sqm)		59.46 Sqm (Square Meter)				
Amount		59.46 X 216.23489289764		12857.33				
<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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	berm	1.000	99.100	1.500	0.080	0.000	11.892	-
Total Quantity		11.892 cum (cum)		11.892 Cum (Cubic Meter)				
Amount		11.892 X 6900.8570271		82064.99				
<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	road	1.000	99.100	4.000	0.000	0.000	396.400	-
Total Quantity		396.4 Sqm (Sqm)		396.4 Sqm (Square Meter)				

<b>Amount</b>	<b>396.4 X 624.5385</b>	<b>247567.06</b>
<b>Total Amount</b>		<b>572322.68</b>
<b>Addition</b>		
Provision for Contingency (+) @		5723.23
Display Citizen Board (+) @		4095.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>9818.23</b>
<b>Grand Net Total Amount</b>		<b>582140.90</b>

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