

## Detailed Estimate

**OD/346/3302/275571/391612/00066377 : CONSTRUCTION OF PAVER ROAD FROM MAIN ROAD TO SUKASANDA  
PRY. SCHOOL**

**Block : Bhograi, Gram Panchayat : Panisanda**

**Created By: SASMITA TUDU**

<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	Cut- off	2.000	173.000	0.830	0.500	0.000	143.590	-
Total Quantity					143.59 Cft (Cubic Foot)		4.066009312 Cum (Cubic Meter)	
Amount					4.066009312 X 240.77592		979.00	
<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	173.000	0.830	0.330	0.000	94.769	-
ii	Road bed	1.000	173.000	6.330	0.330	0.000	361.380	-
Total Quantity					456.1491 Cft (Cubic Foot)		12.91668283488 Cum (Cubic Meter)	
Amount					12.91668283488 X 1216.164432		15708.81	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	Cut-off	2.000	173.000	0.830	0.750	0.000	215.385	-
Total Quantity					215.385 Cft (Cubic Foot)		6.099013968 Cum (Cubic Meter)	
Amount					6.099013968 X 8501.34751962		51849.84	
<b>4. 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 bed	1.000	173.000	6.330	0.000	0.000	1095.090	-
Total Quantity					1095.09 Sft (Square Foot)		101.73714627 Sqm (Square Meter)	
Amount					101.73714627 X 642.8106		65397.72	
<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	173.000	0.000	0.750	0.000	259.500	-
Total Quantity					259.5 Sft (Square Foot)		24.1083285 Sqm (Square Meter)	
Amount					24.1083285 X 216.23489289764		5213.06	
<b>Total Amount</b>							<b>139148.42</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1438.00	

Display Citizen Board (+) @	2000.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	1200.00
<b>Total Addition</b>	<b>4638.00</b>
<b>Grand Net Total Amount</b>	<b>143786.42</b>

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