

## Detailed Estimate

**OD/354/3369/117677/412095/00014074 : Const. of cc/paver road from PWD road to Naik sahi road at village Bhikarpalli**

**Block : Chatrapur, Gram Panchayat : Bhikarpalli**

**Created By:MANINI MUNI**

<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	e/w excavation	1.000	35.975	2.120	0.300	0.000	22.880	-
ii	e/w	1.000	16.460	3.820	0.300	0.000	18.863	-
iii	e/w	2.000	10.000	0.300	0.300	0.000	1.800	-
<b>Total Quantity</b>					43.54326 cum (cum)		43.54326 Cum (Cubic Meter)	
<b>Amount</b>					<b>43.54326 X 240.77592</b>		<b>10484.17</b>	
<b>2. 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	sand filling	1.000	35.975	2.120	0.100	0.000	7.627	-
ii	sand filling	1.000	16.460	3.820	0.100	0.000	6.288	-
iii	sand filling	1.000	10.000	3.820	0.100	0.000	3.820	-
<b>Total Quantity</b>					17.73442 cum (cum)		17.73442 Cum (Cubic Meter)	
<b>Amount</b>					<b>17.73442 X 661.401732</b>		<b>11729.58</b>	
<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 specification and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	side packing	2.000	35.975	0.150	0.150	0.000	1.619	-
ii	side packing	2.000	16.460	0.150	0.150	0.000	0.741	-
iii	cutoff wall	2.000	10.000	0.300	0.350	0.000	2.100	-
iv	cutoff wall	1.000	3.820	0.300	0.350	0.000	0.401	-
Total Quantity					4.860675 cum (cum)		4.860675 Cum (Cubic Meter)	
Amount					4.860675 X 7440.38919172		36165.31	

**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**

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	paver block	1.000	35.975	2.120	0.000	0.000	76.267	-
ii	paver block	1.000	16.460	3.820	0.000	0.000	62.877	-
iii		1.000	10.000	3.820	0.000	0.000	38.200	-
Total Quantity					177.3442 Sqm (Sqm)		177.3442 Sqm (Square Meter)	
Amount					177.3442 X 649.6056		115203.79	

**5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	wall	4.000	10.000	0.000	0.350	0.000	14.000	-
ii	wall	1.000	3.820	0.000	0.350	0.000	1.337	-
Total Quantity					15.337 Sqm (Sqm)		15.337 Sqm (Square Meter)	
Amount					15.337 X 216.39264180804		3318.81	
Total Amount							176901.66	
<b>Addition</b>								
Provision for Contingency (+) @							2000.00	
Display Citizen Board (+) @							500.00	
Any Other Lumpsum (+) @							20598.00	
Provision for survey investigation and quality control (+) @								
Total Addition							23098.00	
Grand Net Total Amount							199999.66	

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JE  
Chatrapur Block

LAGNAJEET SAHOO  
AEE  
Chatrapur Block

Sri Sambit Sangramjeet Sahoo  
BDO  
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