

## Detailed Estimate

**OD/363/3469/119773/428888/00067274 : CONSTRUCTION OF PAVER BLOCK ROAD AT TANGNIGUDA**

**Block : Dasamantapur, Gram Panchayat : Paikphulbeda**

**Created By:Pratap Kumar Sahoo**

<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	105.000	0.250	0.250	0.000	13.125	-
ii	P. WALL	1.000	5.000	0.300	0.300	0.000	0.450	-
iii	END CUTOFF	4.000	3.000	0.300	0.300	0.000	1.080	-
Total Quantity					14.655 cum (cum)		14.655 Cum (Cubic Meter)	
Amount					14.655 X 240.77592		3528.57	
<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	ROAD	1.000	105.000	3.000	0.120	0.000	37.800	-
Total Quantity					37.8 cum (cum)		37.8 Cum (Cubic Meter)	
Amount					37.8 X 587.318232		22200.63	
<b>3. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation</b>								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	ROAD	1.000	105.000	3.000	0.000	0.000	315.000	-
Total Quantity					315 Sqm (Sqm)		315 Sqm (Square Meter)	
Amount					315 X 4.6662		1469.85	
<b>4. 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	P. WALL	1.000	5.000	0.300	0.600	0.000	0.900	-
Total Quantity					0.9 cum (cum)		0.9 Cum (Cubic Meter)	
Amount					0.9 X 5794.6045523		5215.14	
<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	WALL SIDE	2.000	105.000	0.000	0.350	0.000	73.500	-
ii	P. WALL	2.000	5.000	0.000	0.600	0.000	6.000	-
iii	END CUTOFF	4.000	3.000	0.000	0.300	0.000	3.600	-
Total Quantity					83.1 Sqm (Sqm)		83.1 Sqm (Square Meter)	
Amount					83.1 X 217.18138636004		18047.77	
<b>6. 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	CUTOFF	2.000	105.000	0.250	0.350	0.000	18.375	-
ii	END CUTOFF	4.000	3.000	0.300	0.400	0.000	1.440	-
Total Quantity					19.815 cum (cum)		19.815 Cum (Cubic Meter)	
Amount					19.815 X 7300.7431961		144664.23	
<b>7. 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	105.000	3.000	0.000	0.000	315.000	-
Total Quantity					315 Sqm (Sqm)		315 Sqm (Square Meter)	
Amount					315 X 624.132		196601.58	
Total Amount							391727.78	
<b>Addition</b>								
Provision for Contingency (+) @							3917.28	
Display Citizen Board (+) @							4354.94	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							8272.22	
Grand Net Total Amount							399999.99	

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