

## Detailed Estimate

**OD/370/3550/121155/427170/00073652 : CONSTRUCTION OF PAVER BLOCK ROAD AT MOTI SAHI ALANGADA**

**Block : Gunupur, Gram Panchayat : Sagada**

**Created By: Pradipta Kishore Khillar**

<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	Road cutoff wall long	2.000	69.000	0.300	0.300	0.000	12.420	-
ii	Cross cutoff wall	2.000	3.060	0.300	0.300	0.000	0.551	-
iii	Road bed cutting	1.000	68.400	3.060	0.150	0.000	31.396	-
<b>Total Quantity</b>						<b>44.3664 cum (cum)</b>	<b>44.3664 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>44.3664 X 240.77592</b>	<b>10682.36</b>	
<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 cutoff long	2.000	69.000	0.300	0.050	0.000	2.070	-
ii	Cross cutoff	2.000	3.060	0.300	0.050	0.000	0.092	-
iii	Road bed filling	1.000	68.400	3.060	0.100	0.000	20.930	-
<b>Total Quantity</b>						<b>23.0922 cum (cum)</b>	<b>23.0922 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>23.0922 X 622.728832</b>	<b>14380.18</b>	
<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	Road Cutoff wall	2.000	69.000	0.300	0.350	0.000	14.490	-
ii	Cross cutoff	2.000	3.060	0.300	0.350	0.000	0.643	-
Total Quantity					15.1326 cum (cum)		15.1326 Cum (Cubic Meter)	
Amount					15.1326 X 5502.57693172		83268.30	

**4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum**

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 top long	2.000	69.000	0.300	0.040	0.000	1.656	-
ii	Cross cutoff	2.000	3.060	0.300	0.040	0.000	0.073	-
Total Quantity					1.72944 cum (cum)		1.72944 Cum (Cubic Meter)	
Amount					1.72944 X 7087.98745764		12258.25	

**5. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Paver block Road	1.000	68.400	3.060	0.000	0.000	209.304	-
Total Quantity					209.304 Sqm (Sqm)		209.304 Sqm (Square Meter)	
Amount					209.304 X 625.1838		130853.47	

**6. 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
i	Cutoff Wall long	2.000	69.000	0.000	0.130	0.000	17.940	-
ii	Cross cutoff wall	2.000	3.660	0.000	0.130	0.000	0.952	-
Total Quantity					18.8916 Sqm (Sqm)		18.8916 Sqm (Square Meter)	
Amount					18.8916 X 216.85435999524		4096.73	

**Total Amount (A) : 255539.28**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.36460	Add GST @18% of Paver block and Conveyance of Paver block with unforeseen item	36460

**Additional Components Amount (F) : 44460**

**Grand Total Amount (A + F) : 299999.28011957**

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