

## Detailed Estimate

**OD/354/3380/117919/411567/00021739 : Imp. of Road with CC/Gr-II Metalling from RD Road to Bada sahi Road at S.Baragam**

**Block : Polosara, Gram Panchayat : Nimina**

**Created By:Indramani Sahu**

<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	Sides	2.000	3.400	0.150	0.150	0.000	0.153	-
ii		2.000	3.100	0.150	0.150	0.000	0.140	-
iii	End Cutoff	1.000	1.700	0.150	0.150	0.000	0.038	-
iv		1.000	3.400	0.150	0.150	0.000	0.077	-
<b>Total Quantity</b>					<b>0.40725 cum (cum)</b>		<b>0.40725 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>0.40725 X 240.77592</b>		<b>98.06</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Surface	1.000	3.400	3.100	0.100	0.000	1.054	-
ii		1.000	4.500	3.100	0.100	0.000	1.395	-
iii		1.000	6.400	3.400	0.100	0.000	2.176	-
iv		1.000	14.500	9.400	0.100	0.000	13.630	-
<b>Total Quantity</b>					<b>18.255 cum (cum)</b>		<b>18.255 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>18.255 X 557.371732</b>		<b>10174.82</b>	

**3. 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 specificaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Street Sides	2.000	3.100	0.150	0.150	0.000	0.140	-
ii		1.000	3.400	0.150	0.150	0.000	0.077	-
iii		2.000	6.400	0.150	0.150	0.000	0.288	-
iv		2.000	9.400	0.150	0.150	0.000	0.423	-
v	End Cutoff Wall	1.000	9.400	0.150	0.150	0.000	0.212	-
vi		1.000	3.400	0.450	0.150	0.000	0.230	-
Total Quantity					1.368 cum (cum)		1.368 Cum (Cubic Meter)	
Amount					1.368 X 6924.39534172		9472.57	

**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	Road Surface	2.000	6.400	9.400	1.000	0.000	120.320	-
ii		2.000	4.500	3.100	1.000	0.000	27.900	-
iii		2.000	6.400	1.700	1.000	0.000	21.760	-
iv		1.000	14.500	9.400	1.000	0.000	136.300	-
Total Quantity					306.28 Sqm (Sqm)		306.28 Sqm (Square Meter)	
Amount					306.28 X 621.7266		190422.42	

<b>Total Amount</b>	<b>210167.87</b>
<b>Addition</b>	
Provision for Contingency (+) @	2150.00
Display Citizen Board (+) @	532.12
Any Other Lumpsum (+) @	2150.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>4832.12</b>
<b>Grand Net Total Amount</b>	<b>214999.99</b>

**Indramani Sahu**  
**JE**  
**Polosara Block**

**Laxmi Narayan Pattanayak**  
**AEE**  
**Polosara Block**

**SASI BHUSAN MAHAPATRO**  
**BDO**  
**Polosara Block**