

## Detailed Estimate

**OD/354/3382/117950/412613/00116066 : MAINTENANCE AND IMPROVEMENT OF ROAD INFRASTRUCTURE FROM  
MAIN ROAD TO AWC-II**

**Block : Rangeilunda, Gram Panchayat : Badakusasthali**

**Created By: PRATAP KUMAR NAYAK**

<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	side	2.000	71.270	0.150	0.250	0.000	5.345	-
<b>Total Quantity</b>					5.34525 cum (cum)		5.34525 Cum (Cubic Meter)	
<b>Amount</b>					<b>5.34525 X 240.77592</b>		<b>1287.01</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	inside	1.000	71.270	3.350	0.100	0.000	23.876	-
<b>Total Quantity</b>					23.87545 cum (cum)		23.87545 Cum (Cubic Meter)	
<b>Amount</b>					<b>23.87545 X 693.822732</b>		<b>16565.33</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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	side	1.000	71.270	0.150	0.330	0.000	3.528	-
ii	side	1.000	71.270	0.150	0.180	0.000	1.924	-
<b>Total Quantity</b>					5.452155 cum (cum)		5.452155 Cum (Cubic Meter)	

<b>Amount</b>	<b>5.452155 X 7184.3430999</b>	<b>39170.15</b>
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**4. 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	side	2.000	71.270	1.000	0.180	0.000	25.657	-	
ii		2.000	71.270	1.000	0.180	0.000	25.657	-	
Total Quantity							51.3144 Sqm (Sqm)		51.3144 Sqm (Square Meter)
<b>Amount</b>							<b>51.3144 X 216.39264180804</b>		<b>11104.06</b>

**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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	paver	1.000	71.270	3.350	1.000	0.000	238.755	-	
Total Quantity							238.7545 Sqm (Sqm)		238.7545 Sqm (Square Meter)
<b>Amount</b>							<b>238.7545 X 633.5916</b>		<b>151272.85</b>

**Total Amount (A) : 219399.39**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.0	-	0
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.25600.6	Gst on paver	25600.6

4	Provision for survey investigation and quality control @ Rs.0	-	0
Additional Components Amount (F) : 30600.6			
Grand Total Amount (A + F) : 249999.99382794			

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Rangeilunda Block

**SRI NABIN BHUYAN**  
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Rangeilunda Block

**BISWAJIT RAY**  
BDO  
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