

## Detailed Estimate

**OD/365/3491/120125/390340/00073660 : Construction of cc road from trilochan pradhan house to charan nath house at udipur**

**Block : Betnoti, Gram Panchayat : Raghupur**

**Created By: PRASANTA KUMAR BEHERA**

<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	Cut off	2.000	45.500	0.225	0.225	0.000	4.607	-
ii	toe wall	2.000	3.200	0.225	0.225	0.000	0.324	-
Total Quantity					4.930875 cum (cum)		4.930875 Cum (Cubic Meter)	
Amount					4.930875 X 240.77592		1187.24	
<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	cut off	2.000	45.500	0.225	0.050	0.000	1.024	-
ii	toe wall	2.000	2.600	0.225	0.050	0.000	0.059	-
iii	bed	1.000	45.500	3.200	0.075	0.000	10.920	-
Total Quantity					12.00225 cum (cum)		12.00225 Cum (Cubic Meter)	
Amount					12.00225 X 1428.234132		17142.02	
<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	cut off	2.000	45.500	0.225	0.225	0.000	4.607	-
ii	toe	2.000	3.200	0.225	0.225	0.000	0.324	-
iii	bed	1.000	45.500	3.200	0.100	0.000	14.560	-
Total Quantity					19.490875 cum (cum)		19.490875 Cum (Cubic Meter)	
Amount					19.490875 X 6585.7335628		128361.71	

**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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	side wall	2.000	45.500	0.000	0.320	0.000	29.120	-
ii	inner	2.000	45.500	0.000	0.150	0.000	13.650	-
Total Quantity					42.77 Sqm (Sqm)		42.77 Sqm (Square Meter)	
Amount					42.77 X 216.55039071844		9261.86	

**5. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	45.500	3.650	0.100	0.000	16.608	-
Total Quantity					16.6075 cum (cum)		16.6075 Cum (Cubic Meter)	

<b>Amount</b>	<b>16.6075 X 8088.0063306</b>	<b>134321.57</b>
<b>Total Amount</b>		<b>290274.39</b>
<b>Addition</b>		
Provision for Contingency (+) @		2902.74
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		1822.00
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>9724.74</b>
<b>Grand Net Total Amount</b>		<b>299999.14</b>

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**AEE**  
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**SUSANTA KUMAR SUTAR**  
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