

## Detailed Estimate

**OD/361/3453/119479/386607/00069125 : Const. of CC Road from Tando UP School to Dumuria Hudi Ghati**  
**Block : Patana, Gram Panchayat : Dumuria**  
**Created By:Soumya Ranjan 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	Cutoff Wall	2.000	96.700	0.200	0.200	0.000	7.736	-
Total Quantity					7.736 cum (cum)		7.736 Cum (Cubic Meter)	
Amount					7.736 X 240.77592		1862.64	
<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	Cutoff Wall	2.000	96.700	0.200	0.100	0.000	3.868	-
ii	Road Bed	1.000	96.700	3.100	0.100	0.000	29.977	-
Total Quantity					33.845 cum (cum)		33.845 Cum (Cubic Meter)	
Amount					33.845 X 574.248832		19435.45	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	96.700	0.200	0.300	0.000	11.604	-

ii	Road Bed	1.000	96.700	3.100	0.100	0.000	29.977	-
Total Quantity					41.581 cum (cum)		41.581 Cum (Cubic Meter)	
Amount					41.581 X 6137.51282774		255203.92	
<b>4. 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	Road Surface	1.000	96.700	3.500	0.075	0.000	25.384	-
Total Quantity					25.38375 cum (cum)		25.38375 Cum (Cubic Meter)	
Amount					25.38375 X 7610.85816938		193192.12	
<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	Cutoff Inside	2.000	96.700	0.000	0.200	0.000	38.680	-
ii	Cutoff Outside	2.000	96.700	0.000	0.300	0.000	58.020	-
Total Quantity					96.7 Sqm (Sqm)		96.7 Sqm (Square Meter)	
Amount					96.7 X 216.23489289764		20909.91	
<b>Total Amount</b>							<b>490604.05</b>	
<b>Addition</b>								
Provision for Contingency (+) @							5000.00	
Display Citizen Board (+) @							3000.00	

Any Other Lumpsum (+) @	1395.94
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>9395.94</b>
<b>Grand Net Total Amount</b>	<b>499999.99</b>

**Soumya Ranjan Behera**  
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**KendujharPatanaBDO**  
**BDO**  
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