

## Detailed Estimate

**OD/365/3503/120301/387716/00075105 : Const. of CC road from Khela house to Kuna house at Dadhichua**  
**Block : Rairangpur, Gram Panchayat : Sudarsanpur**  
**Created By:PRASHANTA KUMAR DAS**

<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	Cutoff	2.000	245.000	1.330	0.580	0.028	10.697	-
ii	Road Base	1.000	245.000	12.500	0.500	0.028	43.334	-
Total Quantity					54.0313788 cum (cum)		54.0313788 Cum (Cubic Meter)	
<b>Amount</b>					<b>54.0313788 X 240.77592</b>		<b>13009.45</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	Cut Off	2.000	245.000	1.330	0.330	0.028	6.086	-
ii	Base	1.000	245.000	10.330	0.330	0.028	23.636	-
Total Quantity					29.72183445 cum (cum)		29.72183445 Cum (Cubic Meter)	
<b>Amount</b>					<b>29.72183445 X 1022.416132</b>		<b>30388.08</b>	
<b>3. 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	4.000	245.000	0.000	0.580	0.093	52.804	-
ii	Sides	2.000	245.000	0.000	0.660	0.093	30.044	-
Total Quantity					82.84822 Sqm (Sqm)		82.84822 Sqm (Square Meter)	
Amount					82.84822 X 216.23489289764		17914.68	

#### 4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	Cutoff	2.000	245.000	0.830	0.580	0.028	6.676	-
ii	Road Base	1.000	245.000	10.330	0.330	0.028	23.636	-
Total Quantity					30.31118195 cum (cum)		30.31118195 Cum (Cubic Meter)	
Amount					30.31118195 X 5812.2389503		176175.83	

#### 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 Base	1.000	245.000	12.000	0.330	0.028	27.457	-
Total Quantity					27.45666 cum (cum)		27.45666 Cum (Cubic Meter)	
Amount					27.45666 X 7512.1619511		206258.88	
Total Amount							443746.92	

<b>Addition</b>	
Provision for Contingency (+) @	0.00
Display Citizen Board (+) @	3500.00
Any Other Lumpsum (+) @	2753.07
Provision for survey investigation and quality control (+) @	0.00
<b>Total Addition</b>	<b>6253.07</b>
<b>Grand Net Total Amount</b>	<b>449999.99</b>

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**Narayani Priyadarshini panda**  
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