

## Detailed Estimate

**OD/370/3557/121274/426560/00016727 : Construction of CC road at Ramachandrapur( Revenue Village-Pipalguda)**

**Block : Rayagada, Panchayat : Pipalguda**

**Created By:JPN BHATTARAY**

<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	ROAD BED LEVELLING	1.000	22.000	4.000	0.250	0.000	22.000	-
ii	SIDE WALL	2.000	22.000	0.300	0.300	0.000	3.960	-
iii	CUT OFF WALL	2.000	3.400	0.300	0.300	0.000	0.612	-
Total Quantity					26.572 cum (cum)		26.572 Cum (Cubic Meter)	
<b>Amount</b>					<b>26.572 X 235.56432</b>		<b>6259.42</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD BED	1.000	21.400	3.400	0.100	0.000	7.276	-
ii	SIDE WALL	2.000	22.000	0.300	0.050	0.000	0.660	-
iii	CUT OFF WALL	2.000	3.400	0.300	0.050	0.000	0.102	-
Total Quantity					8.038 cum (cum)		8.038 Cum (Cubic Meter)	
<b>Amount</b>					<b>8.038 X 711.511872</b>		<b>5719.13</b>	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
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.								

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	SIDE WALL	2.000	22.000	0.300	0.250	0.000	3.300	-
ii	CUT OFF WALL	2.000	3.400	0.300	0.250	0.000	0.510	-
iii	ROAD BED	1.000	22.000	4.000	0.100	0.000	8.800	-
Total Quantity					12.61 cum (cum)		12.61 Cum (Cubic Meter)	
<b>Amount</b>					<b>12.61 X 5289.19297932</b>		<b>66696.72</b>	

**4. Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum**

Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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	ROAD BED	1.000	22.000	4.000	0.100	0.000	8.800	-
Total Quantity					8.8 cum (cum)		8.8 Cum (Cubic Meter)	
<b>Amount</b>					<b>8.8 X 6699.84114484</b>		<b>58958.60</b>	

**5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

Rigid and smooth centering 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 WALL	2.000	22.000	0.000	0.200	0.000	8.800	-
Total Quantity					8.8 Sqm (Sqm)		8.8 Sqm (Square Meter)	
<b>Amount</b>					<b>8.8 X 215.69813962884</b>		<b>1898.14</b>	

**Total Amount** **139532.02**

**Addition**

Provision for Contingency (+) @	1395.32
Display Citizen Board (+) @	2860.00
Any Other Lumpsum (+) @	

<b>Total Addition</b>	<b>4255.32</b>
<b>Grand Net Total Amount</b>	<b>143787.34</b>