

## Detailed Estimate

**OD/348/3327/116728/395288/00071342 : R/r of Ambu Pati house Pakha Culvert**  
**Block : Dhamanagar, Gram Panchayat : Dhusuri**  
**Created By:PRAVAT 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	Bed	1.000	16.000	4.000	4.000	0.000	256.000	-
ii	Toe wall	2.000	20.000	0.750	0.830	0.000	24.900	-
Total Quantity					280.9 Cft (Cubic Foot)		7.95418912 Cum (Cubic Meter)	
Amount					7.95418912 X 240.77592		1915.18	
<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	Bed	1.000	16.000	4.000	0.500	0.000	32.000	-
ii	Toe wall	2.000	20.000	0.750	0.330	0.000	9.900	-
iii	Road bed	1.000	20.000	10.000	0.330	0.000	66.000	-
Total Quantity					107.9 Cft (Cubic Foot)		3.05538272 Cum (Cubic Meter)	
Amount					3.05538272 X 1081.672832		3304.92	
<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	Bed	1.000	16.000	4.000	0.330	0.000	21.120	-
ii	toe wall	2.000	20.000	0.750	0.830	0.000	24.900	-
iii	road bed	1.000	20.000	10.000	0.330	0.000	66.000	-
Total Quantity					112.02 Cft (Cubic Foot)		3.172047936 Cum (Cubic Meter)	
Amount					3.172047936 X 6214.95582206		19714.14	

**4. 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	Bed	1.000	16.000	4.000	0.330	0.000	21.120	-
ii	road bed	1.000	20.000	10.000	0.330	0.000	66.000	-
Total Quantity					87.12 Cft (Cubic Foot)		2.466959616 Cum (Cubic Meter)	
Amount					2.466959616 X 7651.38632222		18875.66	
Total Amount							43809.90	

**Addition**

Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							438.10	
Display Citizen Board (+) @							1000.00	

Any Other Lumpsum (+) @	13000.00
Provision for survey investigation and quality control (+) @	1752.00
<b>Total Addition</b>	<b>16190.10</b>
<b>Grand Net Total Amount</b>	<b>60000.00</b>

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