

## Detailed Estimate

**OD/363/3475/119865/428501/00069938 : Const. of drain at Pipalpadar**

**Block : Laxmipur, Gram Panchayat : Pipalpadar**

**Created By:RAJANI KANTA PANIGRAHI**

<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	drain	1.000	70.750	1.500	0.600	0.000	63.675	-
Total Quantity					63.675 cum (cum)		63.675 Cum (Cubic Meter)	
Amount					63.675 X 240.77592		15331.41	
<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	drain bed	1.000	70.750	1.500	0.075	0.000	7.959	-
Total Quantity					7.959375 cum (cum)		7.959375 Cum (Cubic Meter)	
Amount					7.959375 X 585.298232		4658.61	
<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	drain bed	1.000	70.750	1.500	0.150	0.000	15.919	-
ii	drain wall	2.000	70.750	0.400	0.600	0.000	33.960	-

Total Quantity		49.87875 cum (cum)		49.87875 Cum (Cubic Meter)				
Amount		49.87875 X 5717.6545713		285189.46				
<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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	drain bed	1.000	70.750	0.600	0.075	0.000	3.184	-
ii	drain wall	2.000	70.750	0.400	0.050	0.000	2.830	-
Total Quantity		6.01375 cum (cum)		6.01375 Cum (Cubic Meter)				
Amount		6.01375 X 7215.5954491		43392.79				
<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	drain wall	4.000	70.750	0.600	0.000	0.000	169.800	-
Total Quantity		169.8 Sqm (Sqm)		169.8 Sqm (Square Meter)				
Amount		169.8 X 216.80690082244		36813.81				
Total Amount		385386.08						
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @								
3853.86								

Display Citizen Board (+) @	5300.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>9153.86</b>
<b>Grand Net Total Amount</b>	<b>394539.94</b>

**RAJANI KANTA PANIGRAHI**  
**JE**  
**Laxmipur Block**

**MUVALA PAWAN KUMAR**  
**AEE**  
**Laxmipur Block**

**SABYASACHI BEHERA**  
**BDO**  
**Laxmipur Block**