

## Detailed Estimate

**OD/365/3498/120220/388887/00066897 : Construction of drain at Batpalsa Rehabilitation Colony**  
**Block : Karanjia, Gram Panchayat : Batpalsa**  
**Created By: Mitalin Dhal**

<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	245.000	4.500	2.500	0.000	2756.250	-
Total Quantity					2756.25 Cft (Cubic Foot)		78.04818 Cum (Cubic Meter)	
Amount					78.04818 X 240.77592		18792.12	
<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	1.000	245.000	4.500	0.500	0.000	551.250	-
Total Quantity					551.25 Cft (Cubic Foot)		15.609636 Cum (Cubic Meter)	
Amount					15.609636 X 1143.818132		17854.58	
<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	245.000	4.500	0.500	0.000	551.250	-

ii	Both side wall	2.000	245.000	1.000	2.000	0.000	980.000	-
Total Quantity					1531.25 Cft (Cubic Foot)		43.3601 Cum (Cubic Meter)	
Amount					43.3601 X 6017.7056238		260928.32	
<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	245.000	2.000	0.160	0.000	78.400	-
ii	Both side wall	2.000	245.000	1.000	0.160	0.000	78.400	-
Total Quantity					156.8 Cft (Cubic Foot)		4.44007424 Cum (Cubic Meter)	
Amount					4.44007424 X 7568.4872776		33604.65	
<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	4.000	245.000	0.000	2.000	0.000	1960.000	-
Total Quantity					1960 Sft (Square Foot)		182.08988 Sqm (Square Meter)	
Amount					182.08988 X 216.23489289764		39374.19	
<b>6. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)</b>								
6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain wall	2.000	245.000	0.000	2.000	0.000	980.000	-
Total Quantity					980 Sft (Square Foot)		91.04494 Sqm (Square Meter)	
Amount					91.04494 X 195.543960214		17803.29	
Total Amount							388357.14	
<b>Addition</b>								
Provision for Contingency (+) @							3883.57	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							2759.00	
Provision for survey investigation and quality control (+) @								
Total Addition							11642.57	
Grand Net Total Amount							399999.72	

Mitalin Dhal  
JE  
Karanjia Block

LOKANATH NAIK  
AEE  
Karanjia Block

PRADYUMNA KUMAR NAYAK  
BDO  
Karanjia Block