

Detailed Estimate

OD/365/3498/120220/388887/00066894 : Construction of drain with C.C. Road at Kudarsahi

Block : Karanjia, Gram Panchayat : Batpalsa

Created By: Mitalin Dhal

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
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	Drain	1.000	196.000	3.500	1.500	0.000	1029.000	-
ii	Road Cutoff	2.000	10.000	0.750	0.500	0.000	7.500	-
Total Quantity					1036.5 Cft (Cubic Foot)		29.3503632 Cum (Cubic Meter)	
Amount					29.3503632 X 240.77592		7066.86	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
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	Drain	1.000	196.000	3.500	0.330	0.000	226.380	-
ii	Cutoff	2.000	10.000	0.750	0.330	0.000	4.950	-
iii	Road	1.000	10.000	10.500	0.330	0.000	34.650	-
Total Quantity					265.98 Cft (Cubic Foot)		7.531702464 Cum (Cubic Meter)	
Amount					7.531702464 X 1143.818132		8614.90	
3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal								

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain bed	1.000	196.000	3.500	0.500	0.000	343.000	-
ii	Wall	2.000	196.000	1.000	2.000	0.000	784.000	-
iii	Road cutoff	2.000	10.000	0.750	0.500	0.000	7.500	-
iv	Road	1.000	10.000	10.500	0.330	0.000	34.650	-
Total Quantity					1169.15 Cft (Cubic Foot)		33.10658672 Cum (Cubic Meter)	
Amount					33.10658672 X 6017.7056238		199225.69	

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 specifaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain bed	1.000	196.000	1.500	0.160	0.000	47.040	-
ii	Wall	2.000	196.000	1.000	0.160	0.000	62.720	-
iii	Road	1.000	10.000	12.000	0.330	0.000	39.600	-
Total Quantity					149.36 Cft (Cubic Foot)		4.229397248 Cum (Cubic Meter)	
Amount					4.229397248 X 7568.4872776		32010.14	

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 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	Drain wall	4.000	196.000	0.000	2.000	0.000	1568.000	-
ii	Cut off	4.000	10.000	0.000	0.330	0.000	13.200	-
iii	Road	2.000	10.000	0.000	0.660	0.000	13.200	-
Total Quantity					1594.4 Sft (Square Foot)		148.1245432 Sqm (Square Meter)	
Amount					148.1245432 X 216.23489289764		32029.69	
6. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)								
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	196.000	0.000	2.000	0.000	784.000	-
Total Quantity					784 Sft (Square Foot)		72.835952 Sqm (Square Meter)	
Amount					72.835952 X 195.543960214		14242.63	
Total Amount							293189.92	
Addition								
Provision for Contingency (+) @							2931.90	
Display Citizen Board (+) @							3878.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							6809.90	
Grand Net Total Amount							299999.82	

Mitalin Dhal
JE
Karanjia Block

LOKANATH NAIK
AEE
Karanjia Block

PRADYUMNA KUMAR NAYAK
BDO
Karanjia Block