

Detailed Estimate

OD/365/3502/120280/390539/00082473 : Construction of Drain from Chandramohan Singh House to Solar Tubewell at Chilabasa

Block : Morada, Gram Panchayat : Durgapur

Created By:ANIL KUMAR MOHAPATRA

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	1.000	214.000	3.660	3.330	0.000	2608.190	-
Total Quantity					2608.1892 Cft (Cubic Foot)		73.85557193856 Cum (Cubic Meter)	
Amount					73.85557193856 X 240.77592		17782.64	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	1.000	214.000	3.660	0.500	0.000	391.620	-
ii	Foundation Side filling	0.330	2608.189	0.000	0.000	0.000	860.702	-
Total Quantity					1252.32237 Cft (Cubic Foot)		35.461762086816 Cum (Cubic Meter)	
Amount					35.461762086816 X 1156.544132		41013.09	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	1.000	214.000	3.660	0.500	0.000	391.620	-

Total Quantity	391.62 Cft (Cubic Foot)	11.089425216 Cum (Cubic Meter)
Amount	11.089425216 X 6576.0556923	72924.68

4. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Bed	1.000	214.000	2.660	0.330	0.000	187.849	-
ii	Drain Side wall	2.000	214.000	0.330	2.000	0.000	282.480	-
Total Quantity					470.3292 Cft (Cubic Foot)		13.31821789056 Cum (Cubic Meter)	
Amount					13.31821789056 X 6792.602832491		90465.36	

5. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	MS Rod	13.318	0.000	0.000	0.000	0.600	7.991	-
Total Quantity					7.9908 Qntl (Quintal)		7.9908 Qntl (Quintal)	
Amount					7.9908 X 8435.1837104		67403.87	

Total Amount (A) : 289589.64

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	2895.8964450875

2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.2514.45	Hire and running charges of Vibrator	2514.45

Additional Components Amount (F) : 10410.346445087

Grand Total Amount (A + F) : 299999.99095383

ANIL KUMAR MOHAPATRA
JE
Morada Block

Sushanta ku Naik
AEE
Morada Block

ANAKAR NAYAK
BDO
Morada Block