

Detailed Estimate

OD/346/3301/275544/392163/00075973 : Construction of CC Drain from Sk Adu house to Sk Soleman chhaka
Block : Basta, Gram Panchayat : Kadarayan
Created By:ASHOK KUMAR NAYAK

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	380.000	3.500	2.500	0.000	3325.000	-
Total Quantity						3325 Cft (Cubic Foot)	94.15336 Cum (Cubic Meter)	
Amount						94.15336 X 240.77592	22669.86	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Bed`	1.000	380.000	3.500	0.500	0.000	665.000	-
Total Quantity						665 Cft (Cubic Foot)	18.830672 Cum (Cubic Meter)	
Amount						18.830672 X 1282.804232	24156.07	
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	Bed	1.000	380.000	3.500	0.500	0.000	665.000	-
ii	Wall	2.000	380.000	0.830	2.000	0.000	1261.600	-
Total Quantity						1926.6 Cft (Cubic Foot)	54.55514688 Cum (Cubic Meter)	

Amount							54.55514688 X 6974.43756326	380491.47
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Bed	1.000	380.000	1.330	0.080	0.000	40.432	-
Total Quantity							40.432 Cft (Cubic Foot)	1.1449048576 Cum (Cubic Meter)
Amount							1.1449048576 X 8391.48012362	9607.45
5. R.C.C. Work (AR0404Ag) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Slab	8.000	6.000	3.000	0.330	0.000	47.520	-
Total Quantity							47.52 Cft (Cubic Foot)	1.345614336 Cum (Cubic Meter)
Amount							1.345614336 X 13776.290716783	18537.57
6. 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	4.000	380.000	0.000	2.000	0.000	3040.000	-
Total Quantity							3040 Sft (Square Foot)	282.42512 Sqm (Square Meter)
Amount							282.42512 X 217.18138636004	61337.48

7. 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	50.000	0.000	0.000	0.000	0.000	50.000	-
Total Quantity					50 Kg (Kilo Gram)		0.5 Qntl (Quintal)	
Amount					0.5 X 8657.3179493		4328.66	

Total Amount (A) : 521128.55

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.5000	-	5000
2	Any Other Lumpsum @ Rs.582.4	Vibrator	582.4
3	Provision for Contingency @ Rs.5320	-	5320

Additional Components Amount (F) : 10902.4

Grand Total Amount (A + F) : 532030.95199768

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AEE
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**Mihir Ranjan Behera
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