

## Detailed Estimate

**OD/346/3301/275544/392163/00075957 : Const of Drain from village Kadrayan 7no Ward bada masjid chhaka to SK Rasid Shop**

**Block : Basta, Gram Panchayat : Kadarayan**

**Created By:ASHOK KUMAR NAYAK**

<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	3.500	3.500	0.000	3001.250	-
<b>Total Quantity</b>						3001.25 Cft (Cubic Foot)	84.985796 Cum (Cubic Meter)	
<b>Amount</b>						84.985796 X 240.77592	<b>20462.53</b>	
<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	245.000	3.500	0.500	0.000	428.750	-
<b>Total Quantity</b>						428.75 Cft (Cubic Foot)	12.140828 Cum (Cubic Meter)	
<b>Amount</b>						12.140828 X 1282.804232	<b>15574.31</b>	
<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	Bed	1.000	245.000	3.500	0.500	0.000	428.750	-
ii	Wall	2.000	245.000	0.830	2.000	0.000	813.400	-

Total Quantity	1242.15 Cft (Cubic Foot)	35.17371312 Cum (Cubic Meter)
Amount	35.17371312 X 6974.43756326	245316.87

**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	245.000	1.330	0.080	0.000	26.068	-
Total Quantity							26.068 Cft (Cubic Foot)	0.7381623424 Cum (Cubic Meter)
Amount							0.7381623424 X 8391.48012362	6194.27

**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 (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	0.500	0.000	0.000	0.000	0.000	0.500	-
Total Quantity							0.5 Qntl (Quintal)	0.5 Qntl (Quintal)

<b>Amount</b>						<b>0.5 X 8657.3179493</b>	<b>4328.66</b>	
<b>7. 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	245.000	0.000	2.000	0.000	1960.000	-
Total Quantity					1960 Sft (Square Foot)		182.08988 Sqm (Square Meter)	
<b>Amount</b>					<b>182.08988 X 217.18138636004</b>		<b>39546.53</b>	

<b>Total Amount (A) : 349960.75</b>	
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Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.4000	-	4000
2	Any Other Lumpsum @ Rs.1157	Vibrator	1157
3	Provision for Contingency @ Rs.3587	-	3587
<b>Additional Components Amount (F) : 8744</b>			

<b>Grand Total Amount (A + F) : 358704.74524552</b>	
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