

Detailed Estimate

OD/362/3458/119571/408493/00102407 : Construction of Drain at Ekadalia village

Block : Banapur, Gram Panchayat : Kumarangasana

Created By: PRASANTA KUMAR SAHOO

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	Foundation	1.000	50.000	1.000	1.000	0.000	50.000	-
Total Quantity						50 cum (cum)	50 Cum (Cubic Meter)	
Amount						50 X 240.77592	12038.80	
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 Base	1.000	50.000	1.000	0.150	0.000	7.500	-
Total Quantity						7.5 cum (cum)	7.5 Cum (Cubic Meter)	
Amount						7.5 X 1560.907732	11706.81	
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 Base	1.000	50.000	1.000	0.150	0.000	7.500	-
Total Quantity						7.5 cum (cum)	7.5 Cum (Cubic Meter)	
Amount						7.5 X 6432.6588415	48244.94	
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 Base	1.000	50.000	0.700	0.150	0.000	5.250	-
ii	Drain Wall	2.000	50.000	0.150	0.850	0.000	12.750	-
iii	Slab	1.000	50.000	0.700	0.100	0.000	3.500	-
Total Quantity						21.5 cum (cum)	21.5 Cum (Cubic Meter)	
Amount						21.5 X 6564.368264695	141133.92	

5. 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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside drain	1.000	50.000	0.400	0.050	0.000	1.000	-
Total Quantity						1 cum (cum)	1 Cum (Cubic Meter)	
Amount						1 X 7834.4199645	7834.42	

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	HYSD Bar	1.000	5.500	0.000	0.000	0.000	5.500	-
Total Quantity						5.5 Qntl (Quintal)	5.5 Qntl (Quintal)	
Amount						5.5 X 8656.9325535	47613.13	

7. R.C.C. Work (AR0410f) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting

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 in ground floor R.C.C. walls and fins including attached pilasters

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Outside Wall	1.000	2.000	50.000	1.000	0.000	100.000	-
ii	Inside	1.000	2.000	50.000	0.850	0.000	85.000	-
Total Quantity					185 Sqm (Sqm)		185 Sqm (Square Meter)	
Amount					185 X 934.29150984209		172843.93	

Total Amount (A) : 441415.94

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.4000	-	4000
2	Any Other Lumpsum @ Rs.83	Photographs	83
3	Provision for Contingency @ Rs.4500	-	4500
Additional Components Amount (F) : 8583			

Grand Total Amount (A + F) : 449998.94132173

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