

Detailed Estimate

OD/364/3484/119978/430286/00102562 : Construction of drain at singrajkhunta 500m

Block : Malkangiri, Gram Panchayat : Tandapalli

Created By:Er Ch Roshan Patro

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 Trench	1.000	71.000	1.000	0.800	0.000	56.800	-
Total Quantity						56.8 cum (cum)	56.8 Cum (Cubic Meter)	
Amount						56.8 X 240.77592	13676.07	
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 Trench Bed	1.000	71.000	1.000	0.100	0.000	7.100	-
Total Quantity						7.1 cum (cum)	7.1 Cum (Cubic Meter)	
Amount						7.1 X 567.017232	4025.82	
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 Trench Bed	1.000	71.000	1.000	0.100	0.000	7.100	-
Total Quantity						7.1 cum (cum)	7.1 Cum (Cubic Meter)	
Amount						7.1 X 5702.0006722	40484.20	

4. 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	Quantity of Concrete	1.000	19.880	0.000	0.000	0.700	13.916	-
Total Quantity					13.916 Qntl (Quintal)		13.916 Qntl (Quintal)	
Amount					13.916 X 8427.6017616		117278.51	

5. R.C.C. Work (AR0404Aa) : 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Trench Bed	1.000	71.000	0.800	0.100	0.000	5.680	-
ii	Drain Wall	2.000	71.000	0.100	0.600	0.000	8.520	-
iii	RCC Cover	1.000	71.000	0.800	0.100	0.000	5.680	-
Total Quantity					19.88 cum (cum)		19.88 Cum (Cubic Meter)	
Amount					19.88 X 6220.5316638605		123664.17	

Total Amount (A) : 299128.77

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	2991.2877496779
2	Display Citizen Board @ Rs.3247	-	3247

Additional Components Amount (F) : 6238.2877496779

Grand Total Amount (A + F) : 305367.06271747

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