

Detailed Estimate

OD/370/3557/121271/426600/00072915 : Construction of RCC Drain near Sandhubadi Jani Sahi.

Block : Rayagada, Gram Panchayat : Miraballi

Created By: R N SRUSTI DARSHAN SAMAL

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 Bed	1.000	63.500	1.400	0.450	0.000	40.005	-
Total Quantity					40.005 cum (cum)		40.005 Cum (Cubic Meter)	
Amount					40.005 X 240.77592		9632.24	
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	63.500	1.200	0.075	0.000	5.715	-
Total Quantity					5.715 cum (cum)		5.715 Cum (Cubic Meter)	
Amount					5.715 X 993.105932		5675.60	
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 Bed	1.000	63.500	1.200	0.100	0.000	7.620	-
Total Quantity					7.62 cum (cum)		7.62 Cum (Cubic Meter)	

Amount					7.62 X 5725.63227042	43629.32		
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	Drain Bed & Wall	1.000	10.000	0.000	0.000	0.000	10.000	-
Total Quantity					10 Qntl (Quintal)		10 Qntl (Quintal)	
Amount					10 X 8678.1421293	86781.42		
5. R.C.C. Work (AR0402) : Reinforced cement concrete (1:11/2:3) work with 12mm size black hard crusher broken granite chips including hoisting and laying in position compacting(To be used for minor repair work only)								
'Reinforced cement concrete (1:1.5:3) work with 12mm 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. (To be used for minor repair work only)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Bed	1.000	63.500	0.750	0.100	0.000	4.763	-
ii	Drain Wall	2.000	63.500	0.150	0.750	0.000	14.288	-
Total Quantity					19.05 cum (cum)		19.05 Cum (Cubic Meter)	
Amount					19.05 X 8090.96712742	154132.92		
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	Drain Wall	4.000	63.500	0.000	0.750	0.000	190.500	-
Total Quantity					190.5 Sqm (Sqm)		190.5 Sqm (Square Meter)	

Amount	190.5 X 216.39264180804	41222.80
Total Amount		341074.30
Addition		
Provision for PH Work (+) @		
Provision for EI Work (+) @		
Provision for Contingency (+) @		3410.74
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		514.95
Provision for survey investigation and quality control (+) @		
Total Addition		8925.69
Grand Net Total Amount		350000.00

R N SRUSTI DARSHAN SAMAL
JE
Rayagada Block

SAMEER KUMAR RATH
AEE
Rayagada Block

SHRI SUJIT KUMAR MISHRA
BDO
Rayagada Block