

Detailed Estimate

OD/365/3497/120208/391135/00064388 : Construction of Sanitary Drain at Potaldiha village road (C/R-D/02/25-26)

Block : Kaptipada, Gram Panchayat : Nudadiha

Created By:RATIKANTA DAKUA

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	28.500	1.050	1.000	1.000	29.925	-
Total Quantity					29.925 cum (cum)		29.925 Cum (Cubic Meter)	
Amount					29.925 X 240.77592		7205.22	
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	1.000	28.500	1.000	1.050	0.100	2.993	-
Total Quantity					2.9925 cum (cum)		2.9925 Cum (Cubic Meter)	
Amount					2.9925 X 1214.518132		3634.45	
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	1.000	28.500	1.050	0.750	0.100	2.244	-
Total Quantity					2.244375 cum (cum)		2.244375 Cum (Cubic Meter)	

Amount							2.244375 X 6537.7990638	14673.27
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 Bed	1.000	28.500	1.050	0.100	1.000	2.993	-
ii	Drain Wall	2.000	28.500	0.200	0.600	1.000	6.840	-
Total Quantity					9.8325 cum (cum)		9.8325 Cum (Cubic Meter)	
Amount							9.8325 X 6662.278801046	65506.86
5. 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	2.000	28.500	0.000	0.600	1.000	34.200	-
Total Quantity					34.2 Sqm (Sqm)		34.2 Sqm (Square Meter)	
Amount							34.2 X 216.23489289764	7395.23
6. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)								
6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. 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	28.500	0.600	0.000	1.000	17.100	-
ii	Wall Top	2.000	28.500	0.200	0.000	1.000	11.400	-

iii	Wall Face	2.000	28.500	0.600	0.000	1.000	34.200	-
Total Quantity					62.7 Sqm (Sqm)		62.7 Sqm (Square Meter)	
Amount					62.7 X 196.074210214		12293.85	
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	4.000	0.000	0.000	0.000	1.000	4.000	-
Total Quantity					4 Qntl (Quintal)		4 Qntl (Quintal)	
Amount					4 X 8428.8790379		33715.52	
Total Amount							144424.40	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							1500.00	
Display Citizen Board (+) @							2575.00	
Any Other Lumpsum (+) @							1500.00	
Provision for survey investigation and quality control (+) @								
Total Addition							5575.00	
Grand Net Total Amount							149999.40	

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Kaptipada Block

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