

Detailed Estimate

OD/365/3497/120193/391163/00064393 : Construction of CC Drain from Badakhaladi Odisha Gramya Bank to Ramjan

Behera house Barik Sahi W.No.06 (C/R-D/04/25-26)

Block : Kaptipada, Gram Panchayat : Badkhaladi

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	43.000	0.900	0.750	1.000	29.025	-
Total Quantity					29.025 cum (cum)		29.025 Cum (Cubic Meter)	
Amount					29.025 X 240.77592		6988.52	
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	43.000	0.900	0.150	0.000	5.805	-
Total Quantity					5.805 cum (cum)		5.805 Cum (Cubic Meter)	
Amount					5.805 X 951.514132		5523.54	
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	43.000	0.900	0.100	1.000	3.870	-
Total Quantity					3.87 cum (cum)		3.87 Cum (Cubic Meter)	

Amount						3.87 X 6411.5571438	24812.73	
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	43.000	0.900	0.100	1.000	3.870	-
ii	Drain Wall	2.000	43.000	0.200	0.600	1.000	10.320	-
Total Quantity					14.19 cum (cum)		14.19 Cum (Cubic Meter)	
Amount					14.19 X 6662.278801046		94537.74	
5. 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	2.250	0.000	0.000	0.000	1.000	2.250	-
Total Quantity					2.25 Qntl (Quintal)		2.25 Qntl (Quintal)	
Amount					2.25 X 8428.8790379		18964.98	
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 Bed	2.000	43.000	0.000	0.100	0.000	8.600	-
ii	Drain Wall	2.000	43.000	0.000	0.600	0.000	51.600	-

Total Quantity		60.2 Sqm (Sqm)		60.2 Sqm (Square Meter)				
Amount		60.2 X 216.23489289764		13017.34				
7. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Bed	1.000	43.000	0.450	0.000	1.000	19.350	-
ii	Drain Wall Top	2.000	43.000	0.200	0.000	1.000	17.200	-
iii	Drain Wall Face	2.000	43.000	0.600	0.000	1.000	51.600	-
Total Quantity		88.15 Sqm (Sqm)		88.15 Sqm (Square Meter)				
Amount		88.15 X 194.101680214		17110.06				
Total Amount		180954.90						
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @								
Display Citizen Board (+) @								
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition		4767.00						
Grand Net Total Amount		185721.90						

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