

Detailed Estimate

OD/365/3508/120363/388726/00076546 : Const. of Drain from Bangiriposi Pradhasahi to Sajabandha at Bangiriposi
Block : Sukruli, Gram Panchayat : Jhadaghosada
Created By: Nanda Kishore Soren

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	E/W	1.000	90.950	1.200	0.600	0.000	65.484	-
Total Quantity					65.484 cum (cum)		65.484 Cum (Cubic Meter)	
Amount					65.484 X 240.77592		15766.97	
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	90.950	1.200	0.150	0.000	16.371	-
Total Quantity					16.371 cum (cum)		16.371 Cum (Cubic Meter)	
Amount					16.371 X 951.352532		15574.59	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	Bed	1.000	90.950	1.200	0.150	0.000	16.371	-
ii	wall	2.000	90.950	0.250	0.600	0.000	27.285	-

Total Quantity		43.656 cum (cum)		43.656 Cum (Cubic Meter)				
Amount		43.656 X 5662.415015		247198.39				
4. 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	Bed	1.000	90.950	0.600	0.050	0.000	2.729	-
ii	wall	2.000	90.950	0.250	0.050	0.000	2.274	-
Total Quantity		5.00225 cum (cum)		5.00225 Cum (Cubic Meter)				
Amount		5.00225 X 7413.96863		37086.52				
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	4.000	90.950	0.000	0.600	0.000	218.280	-
Total Quantity		218.28 Sqm (Sqm)		218.28 Sqm (Square Meter)				
Amount		218.28 X 216.23489289764		47199.75				
6. 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	slab	1.000	1.200	1.000	0.100	0.000	0.120	-

ii	slab	1.000	2.450	1.000	0.100	0.000	0.245	-
Total Quantity					0.365 cum (cum)		0.365 Cum (Cubic Meter)	
Amount					0.365 X 6460.5392804965		2358.10	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	1.000	0.000	0.000	0.000	1.000	-
Total Quantity					1 Qntl (Quintal)		1 Qntl (Quintal)	
Amount					1 X 8418.7915619		8418.79	
Total Amount							373603.12	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @								
Display Citizen Board (+) @							4979.87	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							4979.87	
Grand Net Total Amount							378582.99	

Nanda Kishore Soren
JE
Sukruli Block

Pradyumna Kumar Naik
AEE
Sukruli Block

BDO Sukruli
BDO
Sukruli Block