

Detailed Estimate

OD/346/3305/116245/393130/00068179 : Construction of drain with Road from Naran sing house to RD Road
Block : Nilgiri, Gram Panchayat : Mahisapata
Created By: MADHUSMITA MOHANTY

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	190.000	3.000	3.000	0.000	1710.000	-
ii	ROAD	1.000	190.000	0.750	0.660	0.000	94.050	-
Total Quantity					1804.05 Cft (Cubic Foot)		51.08492304 Cum (Cubic Meter)	
Amount					51.08492304 X 240.77592		12300.02	
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	190.000	3.000	0.330	0.000	188.100	-
ii	WALL	1.000	190.000	0.750	0.330	0.000	47.025	-
iii	ROAD	1.000	190.000	9.250	0.330	0.000	579.975	-
Total Quantity					815.1 Cft (Cubic Foot)		23.08102368 Cum (Cubic Meter)	
Amount					23.08102368 X 987.278232		22787.39	
3. 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	WALL	2.000	190.000	2.000	1.500	0.000	1140.000	-
ii	WALL	1.000	190.000	2.000	0.330	0.000	125.400	-
iii	ROAD	1.000	180.000	2.000	0.330	0.000	118.800	-
Total Quantity					1384.2 Sft (Square Foot)		128.5963326 Sqm (Square Meter)	
Amount					128.5963326 X 216.39264180804		27827.30	

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	HYSD BAR	6.000	0.000	0.000	0.000	0.000	6.000	-
Total Quantity					6 Qntl (Quintal)		6 Qntl (Quintal)	
Amount					6 X 8440.5169649		50643.10	

5. 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	DRAIN BED	1.000	190.000	3.000	0.330	0.000	188.100	-
ii	WALL	1.000	190.000	0.750	0.660	0.000	94.050	-
iii	ROAD	1.000	190.000	10.000	0.330	0.000	627.000	-

Total Quantity	909.15 Cft (Cubic Foot)	25.74421872 Cum (Cubic Meter)
Amount	25.74421872 X 6174.8659062	158967.10

6. 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	BED	1.000	190.000	3.000	0.250	0.000	142.500	-
ii	WALL	2.000	190.000	0.500	1.500	0.000	285.000	-
Total Quantity					427.5 Cft (Cubic Foot)		12.105432 Cum (Cubic Meter)	
Amount					12.105432 X 6531.490189094		79066.51	

7. 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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	190.000	10.000	0.330	0.000	627.000	-
Total Quantity					627 Cft (Cubic Foot)		17.7546336 Cum (Cubic Meter)	
Amount					17.7546336 X 7813.4035714		138724.12	
Total Amount							490315.54	

Addition

Display Citizen Board (+) @	4684.45
Any Other Lumpsum (+) @	

Provision for survey investigation and quality control (+) @	
Provision for Contingency (+) @	5000.00
Total Addition	9684.45
Grand Net Total Amount	499999.99

MADHUSMITA MOHANTY
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block