

Detailed Estimate

OD/369/3538/120909/408577/00071077 : Const. of Drainge system at Gatiswarpur Gatiswar Mahadev temple to Canal
Block : Delanga, Gram Panchayat : Arisal
Created By: LOPAMUDRA PATI

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	1.000	30.500	1.000	1.000	0.000	30.500	-
ii		1.000	30.500	1.000	1.000	0.000	30.500	-
iii		1.000	12.200	1.000	1.000	0.000	12.200	-
iv		1.000	4.200	1.100	1.000	0.000	4.620	-
v		1.000	4.600	1.100	1.000	0.000	5.060	-
vi		1.000	3.650	1.100	1.000	0.000	4.015	-
Total Quantity					86.895 cum (cum)		86.895 Cum (Cubic Meter)	
Amount					86.895 X 240.77592		20922.22	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain floor	1.000	30.500	1.000	0.150	0.000	4.575	-
ii		1.000	30.500	1.000	0.150	0.000	4.575	-
iii		1.000	11.200	1.000	0.150	0.000	1.680	-
iv		1.000	4.200	1.100	0.150	0.000	0.693	-

v		1.000	4.600	1.100	0.150	0.000	0.759	-
vi		1.000	3.650	1.100	0.150	0.000	0.602	-
Total Quantity					12.88425 cum (cum)		12.88425 Cum (Cubic Meter)	
Amount					12.88425 X 605.053832		7795.66	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain floor	1.000	30.500	1.000	0.100	0.000	3.050	-
ii		1.000	30.500	1.000	0.100	0.000	3.050	-
iii		1.000	12.200	1.000	0.100	0.000	1.220	-
iv		1.000	4.200	1.000	0.100	0.000	0.420	-
v		1.000	4.600	1.000	0.100	0.000	0.460	-
vi		1.000	3.650	1.000	0.100	0.000	0.365	-
Total Quantity					8.565 cum (cum)		8.565 Cum (Cubic Meter)	
Amount					8.565 X 5991.97649394		51321.28	

4. R.C.C. Work (AR0404Ah) : 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 Walls & Fins up to 4.3 m height)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain wall	2.000	30.500	0.000	0.800	0.000	48.800	-
ii		2.000	30.500	0.000	0.800	0.000	48.800	-

iii		2.000	12.200	0.000	0.850	0.000	20.740	-
iv		2.000	4.200	0.000	0.850	0.000	7.140	-
v		2.000	4.600	0.000	0.850	0.000	7.820	-
vi		2.000	3.650	0.000	0.850	0.000	6.205	-
Total Quantity					139.505 Sqm (Sqm)		139.505 Sqm (Square Meter)	
Amount					139.505 X 2372.4288108961		330965.68	

5. R.C.C. Work (AR0404Ag) : 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 Roof slab, landing, balcony, sun shade)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain cover slab	1.000	30.500	1.000	0.100	0.000	3.050	-
ii		1.000	30.500	1.000	0.100	0.000	3.050	-
iii		1.000	12.200	1.000	0.100	0.000	1.220	-
iv	Slab cover over drain in cross road	1.000	4.200	1.100	0.125	0.000	0.578	-
v		1.000	4.600	1.100	0.125	0.000	0.633	-
vi		1.000	3.650	1.100	0.125	0.000	0.502	-
Total Quantity					9.031875 cum (cum)		9.031875 Cum (Cubic Meter)	
Amount					9.031875 X 12835.55144045		115929.10	

6. 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	1.000	17.360	0.000	17.360	-
Total Quantity					17.36 Qntl (Quintal)		17.36 Qntl (Quintal)	
Amount					17.36 X 7951.0234545		138029.77	

7. Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain floor	1.000	61.000	0.700	0.000	0.000	42.700	-
ii		1.000	12.200	0.700	0.000	0.000	8.540	-
iii		1.000	4.200	0.700	0.000	0.000	2.940	-
iv		1.000	4.600	0.700	0.000	0.000	3.220	-
v		1.000	3.650	0.700	0.000	0.000	2.555	-
Total Quantity					59.955 Sqm (Sqm)		59.955 Sqm (Square Meter)	
Amount					59.955 X 377.6687807388		22643.13	
Total Amount							687606.84	

Addition

Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							0.00	
Provision for survey investigation and quality control (+) @								
Provision for Contingency (+) @							7000.00	
Total Addition							12000.00	

Grand Net Total Amount	699606.84
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LOPAMUDRA PATI
JE
Delanga Block

SUBRAT KUMAR BARIK
AEE
Delanga Block

PuriDelangaBDO
BDO
Delanga Block