

Detailed Estimate

OD/346/3305/116239/393152/00068238 : Const Of Drain from Mantu Nayak house to Chakradhar Nayak house
Block : Nilgiri, Gram Panchayat : Jadida
Created By: BABITA BEHERA

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	140.000	3.000	2.500	0.000	1050.000	-
ii		1.000	104.000	3.000	3.160	0.000	985.920	-
iii		1.000	140.000	3.000	1.000	0.000	-	420.000
iv		1.000	104.000	3.000	1.000	0.000	-	312.000
Total Quantity					1303.92 Cft (Cubic Foot)		36.922841856 Cum (Cubic Meter)	
Amount					36.922841856 X 240.77592		8890.13	
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	140.000	3.000	0.500	0.000	210.000	-
ii		1.000	104.000	3.000	0.500	0.000	156.000	-
iii	filling between road and drain wall	1.000	25.000	1.000	0.500	0.000	12.500	-
iv		1.000	10.000	0.830	0.500	0.000	4.150	-

Total Quantity	382.65 Cft (Cubic Foot)	10.83542352 Cum (Cubic Meter)
Amount	10.83542352 X 1079.329632	11694.99

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	1.000	140.000	3.000	0.330	0.000	138.600	-
ii		1.000	104.000	3.000	0.330	0.000	102.960	-
iii		1.000	25.000	1.000	0.330	0.000	8.250	-
iv		1.000	10.000	0.830	0.330	0.000	2.739	-
Total Quantity					252.549 Cft (Cubic Foot)		7.1513795232 Cum (Cubic Meter)	
Amount					7.1513795232 X 5940.89708926		42485.61	

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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain bed	1.000	140.000	2.160	0.330	0.000	99.792	-
ii		1.000	104.000	2.160	0.330	0.000	74.131	-
iii	slab	4.000	4.160	2.000	0.250	0.000	8.320	-
iv	Drain wall	1.000	140.000	0.500	1.330	0.000	93.100	-
v		1.000	140.000	0.500	1.660	0.000	116.200	-

vi		2.000	104.000	0.500	2.000	0.000	208.000	-
Total Quantity					599.5432 Cft (Cubic Foot)		16.97714488576 Cum (Cubic Meter)	
Amount					16.97714488576 X 6301.6565319502		106984.14	
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		10.490	0.000	0.000	0.000	0.000	10.490	-
Total Quantity					10.49 Qntl (Quintal)		10.49 Qntl (Quintal)	
Amount					10.49 X 8632.0992593		90550.72	
6. 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		1.000	25.000	1.000	0.290	0.000	7.250	-
ii		0.000	10.000	0.830	0.290	0.000	2.407	-
Total Quantity					9.657 Cft (Cubic Foot)		0.2734553376 Cum (Cubic Meter)	
Amount					0.2734553376 X 7585.49365962		2074.29	
7. 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		1.000	140.000	0.000	1.330	1.000	186.200	-
ii		1.000	140.000	0.000	1.660	2.000	464.800	-
iii		2.000	104.000	0.000	2.000	2.000	832.000	-
iv		4.000	4.160	0.000	0.250	2.000	8.320	-
v		4.000	2.000	0.000	0.250	2.000	4.000	-
Total Quantity					1495.32 Sft (Square Foot)		138.91971396 Sqm (Square Meter)	
Amount					138.91971396 X 216.23489289764		30039.29	
Total Amount							292719.18	
Addition								
Display Citizen Board (+) @							4280.81	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Provision for Contingency (+) @							3000.00	
Total Addition							7280.81	
Grand Net Total Amount							299999.99	

BABITA BEHERA
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block