

Detailed Estimate

OD/364/3481/119953/430532/00126257 : CONST OF CC DRAIN AT SEMILIGUDA VILLAGE

Block : Khairaput, Gram Panchayat : Kadamguda

Created By:KAIRA PURTY

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	53.000	1.200	0.450	0.000	28.620	-
ii	CC	1.000	70.000	3.600	0.150	0.000	37.800	-
iii	cutoff	2.000	70.000	0.230	0.200	0.000	6.440	-
Total Quantity						72.86 cum (cum)	72.86 Cum (Cubic Meter)	
Amount						72.86 X 245.98752	17922.65	

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	1.000	53.000	1.200	0.050	0.000	3.180	-
ii	CC	1.000	70.000	3.140	0.065	0.000	14.287	-
iii	cutoff	2.000	70.000	0.230	0.050	0.000	1.610	-
Total Quantity						19.077 cum (cum)	19.077 Cum (Cubic Meter)	
Amount						19.077 X 651.792592	12434.25	

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
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i	drain	1.000	53.000	1.200	0.100	0.000	6.360	-
ii	wall	2.000	53.000	0.300	0.400	0.000	12.720	-
iii	CC	1.000	70.000	3.140	0.100	0.000	21.980	-
iv		2.000	70.000	0.230	0.200	0.000	6.440	-
v	Cc	1.000	4.210	1.300	0.100	0.000	0.547	-
Total Quantity					48.0473 cum (cum)		48.0473 Cum (Cubic Meter)	
Amount					48.0473 X 5249.0919979		252204.70	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	drain	1.000	53.000	0.600	0.050	0.000	1.590	-
ii		2.000	53.000	0.300	0.050	0.000	1.590	-
iii	CC	1.000	70.000	3.600	0.075	0.000	18.900	-
iv		1.000	4.210	1.300	0.075	0.000	0.410	-
Total Quantity					22.490475 cum (cum)		22.490475 Cum (Cubic Meter)	
Amount					22.490475 X 7424.4008493		166978.30	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC	2.000	70.000	0.200	0.000	0.000	28.000	-
ii	drain	2.000	2.000	53.000	0.400	0.000	84.800	-
iii	slab	1.000	3.960	0.600	0.000	0.000	2.376	-

iv		2.000	3.960	0.180	0.000	0.000	1.426	-
v		2.000	1.200	0.180	0.000	0.000	0.432	-
Total Quantity					117.0336 Sqm (Sqm)		117.0336 Sqm (Square Meter)	
Amount					117.0336 X 217.56039071844		25461.88	

6. R.C.C. Work (AR0402) : Reinforced cement concrete (1:11/2:3) work with 12mm size black hard crusher broken granite chips including hoisting and laying in position compacting (To be used for minor repair work only)

'Reinforced cement concrete (1:1.5:3) work with 12mm 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. (To be used for minor repair work only)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	1.000	3.960	1.200	0.200	0.000	0.950	-
Total Quantity					0.9504 cum (cum)		0.9504 Cum (Cubic Meter)	
Amount					0.9504 X 8142.4426339		7738.58	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Ms rods	1.000	0.950	0.900	0.000	0.000	0.855	-
Total Quantity					0.855 Qntl (Quintal)		0.855 Qntl (Quintal)	
Amount					0.855 X 8435.3733581		7212.24	

Total Amount (A) : 489952.60

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	4899.5259507026

2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.147.87	soles	147.87
Additional Components Amount (F) : 10047.395950703			

Grand Total Amount (A + F) : 499999.99102097			
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KAIRA PURTY
JE
Khairaput Block

DUSHMANT KUMAR BEHERA
AEE
Khairaput Block

ARPITA MOHANTY
BDO
Khairaput Block