

Detailed Estimate

OD/359/3429/118960/416329/00019104 : Provision of Facility Centre at Dimiriguda GP Hqrs
Block : Phiringia, Gram Panchayat : Dimiriguda
Created By: BIVASH PUTI

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	COL 1	4.000	6.000	6.000	6.000	0.000	864.000	-
ii	L/W	2.000	32.330	2.000	2.000	0.000	258.640	-
iii	S/W	2.000	22.160	2.000	2.000	0.000	177.280	-
iv	DEDUCTION COL	4.000	6.000	6.000	2.000	0.000	-	288.000
v	COL2	8.000	5.000	5.000	5.000	0.000	1000.000	-
vi	Deduction	6.000	5.000	5.000	2.000	0.000	-	300.000
Total Quantity						1711.92 Cft (Cubic Foot)	48.476096256 Cum (Cubic Meter)	
Amount						48.476096256 X 240.77592	11671.88	
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	COL1	4.000	6.000	6.000	0.500	0.000	72.000	-
ii	L/W	2.000	32.330	2.000	0.250	0.000	32.330	-
iii	S/W	2.000	22.160	2.000	0.250	0.000	22.160	-
iv	ROOM	1.000	31.500	21.250	2.000	0.000	1338.750	-

v	DEDUCTION COL	4.000	6.000	6.000	0.250	0.000	-	36.000
vi	DEDUCTION COL	6.000	5.000	5.000	0.250	0.000	-	37.500
vii	COL2	8.000	5.000	5.000	0.500	0.000	100.000	-
Total Quantity					1491.74 Cft (Cubic Foot)		42.241303232 Cum (Cubic Meter)	
Amount					42.241303232 X 513.547832		21692.93	

3. Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal

Cement concrete (1:4:8) 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	COL1	4.000	5.000	5.000	0.500	0.000	50.000	-
ii	L/W	2.000	32.340	2.000	0.500	0.000	64.680	-
iii	S/W	2.000	22.160	2.000	0.500	0.000	44.320	-
iv	ROOM	1.000	31.500	21.250	0.330	0.000	220.894	-
v	DEDUCTION COL	4.000	6.000	6.000	0.500	0.000	-	72.000
vi	COL2	8.000	5.000	5.000	0.500	0.000	100.000	-
vii	DEDUCTION COL	6.000	5.000	5.000	0.500	0.000	75.000	-
Total Quantity					482.89375 Cft (Cubic Foot)		13.67400574 Cum (Cubic Meter)	
Amount					13.67400574 X 6044.13955792		82647.60	

4. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
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i	L/W 2nd footing	2.000	32.340	2.000	1.250	0.000	161.700	-
ii	S/W 2nd footing	2.000	22.080	2.000	1.250	0.000	110.400	-
iii	L/W SS	2.000	32.340	1.250	2.000	0.000	161.700	-
iv	S/W SS	2.000	22.080	1.250	2.000	0.000	110.400	-
Total Quantity					544.2 Cft (Cubic Foot)		15.41000256 Cum (Cubic Meter)	
Amount					15.41000256 X 6475.09913644		99781.29	

5. 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	FOOTING 1 FOR BIG COL(12' X20)	4.000	5.000	5.000	1.000	0.000	100.000	-
ii	PEDESTAL	12.000	2.000	2.000	0.830	0.000	39.840	-
iii	FOOTING FOR COL (10' X12)	8.000	4.000	4.000	0.830	0.000	106.240	-
Total Quantity					246.08 Cft (Cubic Foot)		6.968198144 Cum (Cubic Meter)	
Amount					6.968198144 X 7044.8846814053		49090.15	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	HYSD	39.450	0.000	0.000	0.000	0.000	39.450	-
Total Quantity					39.45 Qntl (Quintal)		39.45 Qntl (Quintal)	

Amount						39.45 X 9583.170072	378056.06	
7. R.C.C. Work (AR0404Ab) : 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 Plinth band)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	PLINTH L/W	3.000	32.330	0.830	0.830	0.000	66.816	-
ii	S/W	4.000	22.160	0.830	0.830	0.000	61.064	-
Total Quantity						127.880507 Cft (Cubic Foot)	3.6211667406176 Cum (Cubic Meter)	
Amount						3.6211667406176 X 7801.706806547	28251.28	
8. R.C.C. Work (AR0404Ac) : 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 Beams, Column, Girder & Bressmer etc)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	BIG COL	4.000	1.000	1.660	17.500	0.000	116.200	-
ii	MIDDLE COL	2.000	0.830	0.830	6.000	0.000	8.267	-
iii	SIDE COL	6.000	0.830	1.000	17.500	0.000	87.150	-
iv	L/W BEAM	2.000	32.500	0.830	0.830	0.000	44.779	-
v	S/W BEAM	2.000	21.330	0.830	0.830	0.000	29.389	-
vi	HANGING BEAM	2.000	21.330	1.000	1.500	0.000	63.990	-
vii	CROSS BEAM	1.000	32.500	0.830	1.000	0.000	26.975	-
Total Quantity						376.748774 Cft (Cubic Foot)	10.668319683603 Cum (Cubic Meter)	
Amount						10.668319683603 X 15100.638068725	161098.43	

9. R.C.C. Work (AR0404Ad) : 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 Lintels)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LINTEL L/W	1.000	32.330	0.830	0.500	0.000	13.417	-
ii	L/W	1.000	32.330	0.830	0.500	0.000	13.417	-
iii	S/W	2.000	22.080	0.830	0.500	0.000	18.326	-
Total Quantity						45.1603 Cft (Cubic Foot)	1.27879518304 Cum (Cubic Meter)	
Amount						1.27879518304 X 13709.168909936	17531.22	

10. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	RCC ROOF SLAB	1.000	34.000	24.000	0.416	0.000	339.456	-
ii	WINDOW CHAJJA	3.000	5.000	1.600	0.250	0.000	6.000	-
iii	FRONT CHAJJA	1.000	34.000	1.600	0.250	0.000	13.600	-
Total Quantity						359.056 Cft (Cubic Foot)	10.1673169408 Cum (Cubic Meter)	
Amount						10.1673169408 X 13346.769085795	135700.83	

Total Amount (A) : 985521.68

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	9855.2167749683
2	Display Citizen Board @ Rs.4623	-	4623
Additional Components Amount (F) : 14478.216774968			
Grand Total Amount (A + F) : 999999.8942718			

BIVASH PUTI
JE
Phiringia Block

Jaya Prakash Jena
AEE
Phiringia Block

Anup Avishek Behera
BDO
Phiringia Block