

Detailed Estimate

OD/350/3342/117080/399834/00018118 : Construction Of Kalyan Mandap
Block : Nischinta Koili, Gram Panchayat : Bandhupur
Created By: Rabindra Nath Singh

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	Column	12.000	5.000	5.000	5.000	0.000	1500.000	-
ii		8.000	5.000	6.000	5.000	0.000	1200.000	-
iii	LW	2.000	65.160	2.500	2.500	0.000	814.500	-
iv		2.000	9.750	2.500	2.500	0.000	121.875	-
v	SW	5.000	30.080	2.500	2.500	0.000	940.000	-
vi		2.000	8.080	2.500	2.500	0.000	101.000	-
vii		2.000	7.580	2.500	2.500	0.000	94.750	-
viii		2.000	8.160	2.500	2.500	0.000	102.000	-
ix	Coln	20.000	5.000	2.500	2.500	0.000	-	625.000
Total Quantity					4249.125 Cft (Cubic Foot)		120.3216228 Cum (Cubic Meter)	
Amount					120.3216228 X 240.77592		28970.55	
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	Column	12.000	5.000	5.000	0.500	0.000	150.000	-
ii		8.000	5.000	6.000	0.500	0.000	120.000	-
iii	LW	2.000	65.160	2.500	0.330	0.000	107.514	-
iv		2.000	9.750	2.500	0.330	0.000	16.088	-
v	SW	5.000	30.080	2.500	0.330	0.000	124.080	-
vi		2.000	8.080	2.500	0.330	0.000	13.332	-
vii		2.000	7.580	2.500	0.330	0.000	12.507	-
viii		2.000	8.160	2.500	0.330	0.000	13.464	-
ix	Column	20.000	5.000	2.500	0.330	0.000	-	82.500
Total Quantity					474.4845 Cft (Cubic Foot)		13.4358826896 Cum (Cubic Meter)	
Amount					13.4358826896 X 1086.157232		14593.48	
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	Column	12.000	5.000	5.000	0.500	0.000	150.000	-
ii		8.000	5.000	6.000	0.500	0.000	120.000	-
iii	Lw	2.000	65.160	2.500	0.330	0.000	107.514	-
iv		2.000	9.750	2.500	0.330	0.000	16.088	-
v	SW	5.000	30.080	2.500	0.330	0.000	124.080	-
vi		2.000	8.080	2.500	0.330	0.000	13.332	-
vii		2.000	7.580	2.500	0.330	0.000	12.507	-
viii		2.000	8.160	2.500	0.330	0.000	13.464	-

ix	Column	20.000	5.000	2.500	0.330	0.000	-	82.500
Total Quantity					474.4845 Cft (Cubic Foot)		13.4358826896 Cum (Cubic Meter)	
Amount					13.4358826896 X 6090.15944436		81826.67	
4. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth								
Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, 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	LW	2.000	64.330	1.660	0.500	0.000	106.788	-
ii		2.000	13.750	1.660	0.500	0.000	22.825	-
iii	Sw	5.000	29.660	1.660	0.500	0.000	123.089	-
iv		2.000	8.910	1.660	0.500	0.000	14.791	-
v		2.000	8.410	1.660	0.500	0.000	13.961	-
vi		2.000	9.000	1.660	0.500	0.000	14.940	-
vii		2.000	63.110	1.250	4.000	0.000	631.100	-
viii		2.000	11.000	1.250	5.000	0.000	137.500	-
ix		5.000	29.250	1.250	5.000	0.000	914.062	-
x		2.000	9.330	1.250	5.000	0.000	116.625	-
xi		2.000	8.830	1.250	5.000	0.000	110.375	-
xii		2.000	9.410	1.250	5.000	0.000	117.625	-
xiii	Coln	20.000	1.250	1.250	5.500	0.000	-	171.875
Total Quantity					2151.8055 Cft (Cubic Foot)		60.9322459824 Cum (Cubic Meter)	

Amount				60.9322459824 X 5070.095146648			308932.28	
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	12.000	5.000	5.000	1.500	0.000	450.000	-
ii		8.000	5.000	6.000	1.500	0.000	360.000	-
iii		12.000	2.500	2.500	1.500	0.000	112.500	-
iv		8.000	2.500	3.000	1.500	0.000	90.000	-
v		12.000	1.250	1.250	4.660	0.000	87.375	-
vi		8.000	1.250	2.500	4.660	0.000	116.500	-
Total Quantity					1216.375 Cft (Cubic Foot)		34.4438476 Cum (Cubic Meter)	
Amount				34.4438476 X 6575.9684805837			226501.66	
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 Bar	38.500	0.000	0.000	0.000	0.000	38.500	-
Total Quantity					38.5 Qntl (Quintal)		38.5 Qntl (Quintal)	
Amount				38.5 X 8547.2584008			329069.45	
Total Amount							989894.09	

Addition	
Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	10000.00
Display Citizen Board (+) @	105.75
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	10105.75
Grand Net Total Amount	999999.84

Rabindra Nath Singh
JE
Nischinta Koili Block

Manas Kumar Kar
AEE
Nischinta Koili Block

Dibyendu Kumar Das
BDO
Nischinta Koili Block