



SR #	CSI SECT	DESCRIPTION	Drawing Reference	QUANTITY	WASTAGE (10%)	QTY WITH WASTAGE	UNIT OF MEASURE	UNIT COST	TOTAL ITEM COST	TOTAL TRADE COST
DIV 03 CONCRETE										\$ 543,731
MAT FOUNDATIONS:										
1		24" Concrete MAT-1 Foundation-6000 PSI		361	10%	397	CY	\$ 180	\$ 71,500	
2		6" Crushed Stone Bedding		90	10%	99	CY	\$ 25	\$ 2,483	
3		Mud Slab w/ Vapor Barrier		4925	10%	5418	SF	\$ 1	\$ 4,334	
4		#9@12" O.C.E.W T&B		33	10%	36	TONs	\$ 1,250	\$ 45,581	
5		24" Concrete MAT-2 Foundation (Incl. Elevator Pit) -6000 PSI		78	10%	86	CY	\$ 180	\$ 15,400	
6		6" Crushed Stone Bedding		19	10%	21	CY	\$ 25	\$ 535	
7		Mud Slab w/ Vapor Barrier		1100	10%	1210	SF	\$ 1	\$ 968	
8		#9@12" O.C.E.W T&B		7	10%	8	TONs	\$ 1,250	\$ 9,818	
FOUNDATION WALLS:										
7		12" Concrete Wall BW-1		132	10%	145	CY	\$ 185	\$ 26,870	
8		2" XPS Insulation (R-10d)		3565	10%	3922	SF	\$ 2	\$ 7,372	
9		Preprufe 300R+Foundation Waterproofing Membrane		3565	10%	3922	SF	\$ 1	\$ 3,137	
Vertical Reinforcement:										
		#6@12" O.C-Inside Face		4	10%	4	TONs	\$ 1,250	\$ 5,319	
		#4@12" O.C-Outside Face								
Horizontal Reinforcement:										
		#4@12" O.C-EA.Face		2	10%	3	TONs	\$ 1,250	\$ 3,274	
12		12" Concrete Wall BW-2		15	10%	17	CY	\$ 350	\$ 5,903	
13		2" XPS Insulation (R-10d)		414	10%	455	SF	\$ 3	\$ 1,275	
14		Preprufe 300R+Foundation Waterproofing Membrane		414	10%	455	SF	\$ 1	\$ 638	
Vertical Reinforcement:										
		#7@12" O.C-Inside Face		7	10%	8	TONs	\$ 2,250	\$ 18,035	
		#7@12" O.C-Outside Face								
Horizontal Reinforcement:										
		#4@12" O.C-EA.Face		2	10%	3	TONs	\$ 2,250	\$ 5,894	
SHEARWALLS										
Shearwall SW-1 :										
17		12" Concrete Wall (Cellar to BH Roof)		100	10%	110	CY	\$ 185	\$ 20,350	
Reinforcement:										
		#4@12" O.C-Horizontal		5	10%	5	TONs	\$ 1,250	\$ 6,613	
		#4@12" O.C-Vertical Bars								
Reinforcement: (Zone-1)										
		-14-#8 Bars-Vertical (Cellar)		1	10%	1	TONs	\$ 1,250	\$ 1,250	
		-10-#8 Bars -Vertical (1st-3rd Floor)								
		-6#8 Bars-Vertical (3rd to BH Roof)								
		#4@12' O.C-Ties		1	10%	1	TONs	\$ 1,250	\$ 1,722	
Reinforcement: (Zone-3)										
		-8-#8 Bars-Vertical (Cellar)		1	10%	1	TONs	\$ 1,250	\$ 1,403	
		-6-#8 Bars -Vertical (1st-BH Roof)								
Reinforcement: (Zone-4)										
		-8-#8 Bars-Vertical (Cellar)		1	10%	1	TONs	\$ 1,250	\$ 1,403	
		-6-#8 Bars -Vertical (1st-BH Roof)								
Reinforcement: (Zone-5)										
		-12-#8 Bars-Vertical (Cellar)		1	10%	1	TONs	\$ 1,250	\$ 1,571	
		-8-#8 Bars -Vertical (1st-3rd Floor)								
		-6-#8 Bars -Vertical (1st-BH Roof)								
Reinforcement: (Zone-6)										
		-14-#8 Bars-Vertical (Cellar)		1	10%	1	TONs	\$ 1,250	\$ 1,671	
		-10-#8 Bars -Vertical (1st-3rd Floor)								
		-6#8 Bars-Vertical (3rd to BH Roof)								
		#4@12' O.C-Ties		1	10%	1	TONs	\$ 1,250	\$ 1,671	
Shearwall SW-2 :										
24		12" Concrete Wall (Cellar to 1st Floor)		2	10%	2	CY	\$ 185	\$ 452	
25		12" Concrete Wall (1st to 7th Floor)		91	10%	100	CY	\$ 185	\$ 18,451	
Reinforcement:										
		#4@12" O.C-Horizontal		3	10%	4	TONs	\$ 1,250	\$ 4,607	
		#4@12" O.C-Vertical Bars								
Reinforcement: (Zone-7)										
		-8-#8 Bars -Vertical (1st-3rd Floor)		1	10%	1	TONs	\$ 1,250	\$ 1,263	
		-6#8 Bars-Vertical (3rd to Roof)								
		#4@12' O.C-Ties		1	10%	1	TONs	\$ 1,250	\$ 1,164	
Reinforcement: (Zone-8)										
		-6-#8 Bars -Vertical (1st-3rd Floor)		1	10%	1	TONs	\$ 1,250	\$ 1,164	
		-6#8 Bars-Vertical (3rd to Roof)								
		#4@12' O.C-Ties		1	10%	1	TONs	\$ 1,250	\$ 1,362	
Reinforcement: (Zone-9)										
		-10-#8 Bars -Vertical (1st-3rd Floor)		1	10%	1	TONs	\$ 1,250	\$ 1,362	
		-6#8 Bars-Vertical (3rd to Roof)								
		#4@12' O.C-Ties		1	10%	1	TONs	\$ 1,250	\$ 1,362	
Reinforcement: (Zone-10)										
		-10#8 Bars-Vertical (cellar to 1st)		1	10%	1	TONs	\$ 1,250	\$ 1,483	
		-8-#8 Bars -Vertical (1st-3rd Floor)								
		-6#8 Bars-Vertical (3rd to Roof)								
		#4@12' O.C-Ties		1	10%	1	TONs	\$ 1,250	\$ 1,483	



SR #	CSI SECT	DESCRIPTION	Drawing Reference	QUANTITY	WASTAGE (10%)	QTY WITH WASTAGE	UNIT OF MEASUREMENT	UNIT COST	TOTAL ITEM COST	TOTAL TRADE COST
31		Reinforcement: (Zone-13) -12#8 Bars-Vertical (cellar to 2nd) -#4@12' O.C-Ties		0	10%	1	TONs	\$ 1,250	\$	661
		COLUMNS								
		Column #1								
32		24"x12" Concrete Column Shear Reinforcement:		4	10%	4	CY	\$ 180	\$	792
33		Ties Rebars- #4		381	10%	419	LBs	\$ 1	\$	302
34		Rebars- #7		613	10%	674	LBs	\$ 1	\$	485
35		Rebars- #9		204	10%	224	LBs	\$ 1	\$	162
36		5/8" Dia x22-1/2"Hx84"L Main Reinforcement:		24	10%	26	EA	\$ 18	\$	475
37		6-#7 Bars		699	10%	769	LBs	\$ 1	\$	554
		Column #2								
38		24"x12" Concrete Column Shear Reinforcement:		6	10%	7	CY	\$ 180	\$	1,188
39		Ties Rebars- #4		568	10%	625	LBs	\$ 1	\$	450
40		Rebars- #7		920	10%	1012	LBs	\$ 1	\$	729
41		Rebars- #9		357	10%	393	LBs	\$ 1	\$	283
42		Main Reinforcement: 6-#7 Bars		1042	10%	1146	LBs	\$ 1	\$	825
		Column P-1								
43		12"x12" Concrete Column Shear Reinforcement:		0	10%	0	CY	\$ 180	\$	-
44		Ties Rebars- #4		48	10%	53	LBs	\$ 1	\$	38
45		Rebars- #7		123	10%	135	LBs	\$ 1	\$	97
46		Main Reinforcement: 4-#7 Bars		98	10%	108	LBs	\$ 1	\$	78
		Column P-2								
47		24"x12" Concrete Column Shear Reinforcement:		0	10%	0	CY	\$ 180	\$	-
48		Rebars- #7		104	10%	114	LBs	\$ 1	\$	82
49		Main Reinforcement: 4-#7 Bars		98	10%	108	LBs	\$ 1	\$	78
		SLABS & ASSOCIATED ITEMS								
		First Floor								
49		8"TT Slab On Grade-SOG1 5000 PSI		335	10%	369	SF	\$ 4	\$	1,327
50		10 MIL Vapor Barrier		335	10%	369	SF	\$ 1	\$	251
51		6"TT Gravel Fill Under Slab		12	10%	14	CY	\$ 25	\$	341
52		Reinforcement: -#4@12" O.C E.W		448	10%	492	LBs	\$ 1	\$	354
53		(6"W) Concrete Stairs and 4" Concrete Slab		1	10%	1	CY	\$ 98	\$	76
54		6x6-W4.0xW4.0 WWR		36	10%	40	SF	\$ 1	\$	20
55		Reinforcement: #4 Rebars		65	10%	72	LBs	\$ 1	\$	51
56		400 High Density Extruded Polystyrene Insulation-5'Deep		36	10%	40	SF	\$ 4	\$	143
57		(3'6"W) Concrete Stairs and 4" Concrete Slab		1	10%	1	CY	\$ 98	\$	59
58		6x6-W4.0xW4.0 WWR		40	10%	44	SF	\$ 1	\$	22
59		Reinforcement: #4 Rebars		70	10%	77	LBs	\$ 1	\$	55
60		400 High Density Extruded Polystyrene Insulation-5'Deep		40	10%	44	SF	\$ 4	\$	158
61		(12"x12") Grade Beam GB-1		1	10%	1	CY	\$ 98	\$	84
62		Reinforcement: -2#5 Top & Bottom Bars -#4@4" O.C Stirrups		254	10%	279	LBs	\$ 1	\$	201
63		(24"x24") Grade Beam SB-1		2	10%	3	CY	\$ 98	\$	264
64		Reinforcement: -3#9 Top & Bottom Bars -#4@4" O.C Stirrups		272	10%	299	LBs	\$ 1	\$	216
65		10"TT Concrete Slab S2-5000 PSI		6210	10%	6831	SF	\$ 6	\$	40,986
66		#5@12" O.C E.W T&B		13	10%	14	TONs	\$ 1,250	\$	17,795
67		Addition Reinforcement #7 and #9 Bars		1	10%	1	TONs	\$ 1,250	\$	940
		2nd Floor								
68		14"TT Concrete Slab S3-5000 PSI		1945	10%	2140	SF	\$ 8	\$	16,046
69		#5@12" O.C E.W T&B		4	10%	4	TONs	\$ 1,250	\$	5,573
70		Addition Reinforcement #7		1	10%	1	TONs	\$ 1,250	\$	1,017
71		24"TT Concrete Slab S4-5000 PSI		5248	10%	5773	SF	\$ 9	\$	49,069
72		#5@12" O.C E.W T&B		11	10%	12	TONs	\$ 1,250	\$	15,038
73		Addition Reinforcement #9 Bars		1	10%	1	TONs	\$ 1,250	\$	1,290



SR #	CSI SECT	DESCRIPTION	Drawing Reference	QUANTITY	WASTAGE (10%)	QTY WITH WASTAGE	UNIT OF MEASURE	UNIT COST	TOTAL ITEM COST	TOTAL TRADE COST	
3RD Floor											
74		8" T Concrete Slab S1-5000 PSI		5022	10%	5524	SF	\$ 5	\$ 29,831		
75		#4@12" O.C E.W T&B		7	10%	7	TONs	\$ 1,250	\$ 9,225		
76		Addition Reinforcement #7		0	10%	1	TONs	\$ 1,250	\$ 648		
77		#5 @12" O.C Hot Dip Galvanized Top Bars		0	10%	0	TONs	\$ 1,250	\$ 115		
78		10" T Concrete Slab S2-5000 PSI		345	10%	380	SF	\$ 6	\$ 2,277		
79		#5@12" O.C E.W T&B		1	10%	1	TONs	\$ 1,250	\$ 989		
80		Addition Reinforcement #7		0	10%	0	TONs	\$ 1,250	\$ 26		
81		(24"x18") Concrete Beam B1		2	10%	2	CY	\$ 98	\$ 240		
82		Reinforcement: 3#8 Bars T&B		320	10%	352	LBs	\$ 1	\$ 254		
Roof											
83		10" T Concrete Slab S2-5000 PSI		1270	10%	1397	SF	\$ 6	\$ 8,382		
84		#5@12" O.C E.W T&B		3	10%	3	TONs	\$ 1,250	\$ 3,639		
85		Addition Reinforcement #7		0	10%	0	TONs	\$ 1,250	\$ 539		
86		Addition Reinforcement #5		0	10%	0	TONs	\$ 1,250	\$ 23		
87		4" T Concrte Mechaincal Equipment Pad		26	10%	29	SF	\$ 2	\$ 46		
88		Reinforcement: -#4@12" O.C E.W -#4 Hooked Bars @24" O.C		40	10%	44	LBs	\$ 1	\$ 32		
Bulkhead Roof											
89		8" T Concrete Slab S1-5000 PSI		108	10%	119	SF	\$ 5	\$ 642		
90		#4@12" O.C E.W T&B		0	10%	0	TONs	\$ 1,250	\$ 198		
PILES											
91		30"Dx9" Dia Concrete Piles -75KSI=36 EA		18	10%	19	CY	\$ 180	\$ 3,497		
92		Reinforcement=Assumed		2.0	10%	2	TONs	\$ 1,250	\$ 2,750		
PILE CAPS											
93		11"x8"11"x2'8" T Pile Cap PC-6		10	10%	11	CY	\$ 180	\$ 2,034		
94		Reinforcement: Bottom: 9-#9 & #8@12" O.C Top: 8-#9 & #8@12" O.C		0.6	10%	1	TONs	\$ 1,250	\$ 773		
95		11"x30"x2'8" T Pile Cap PC-20		33	10%	36	CY	\$ 180	\$ 6,461		
96		Reinforcement: Bottom: 9-#9 & #8@12" O.C Top: 8-#9 & #8@12" O.C		1.4	10%	2	TONs	\$ 1,250	\$ 1,937		
MISC.											
97		14"Wx12"D Drain Trench		52	10%	57	LF	\$ 58	\$ 3,318		
STAIRS											
98		(3'0" W) Conc. Staris Type A		21	10%	23	cy	\$ 180	\$ 4,070		
99		Reinforcement		2	10%	2	TONs	\$ 1,250	\$ 2,063		
100		(3'0" W) Conc. Staris Type B		25	10%	27	cy	\$ 180	\$ 4,884		
101		Reinforcement		2	10%	2	TONs	\$ 1,250	\$ 2,063		
102		(3'0" W) Conc. Staris Type C		4	10%	5	cy	\$ 180	\$ 814		
103		Reinforcement		0	10%	0	TONs	\$ 1,250	\$ 413		
104		(3'0" W) Conc. Staris Type D		4	10%	4	cy	\$ 180	\$ 770		
105		Reinforcement		0	10%	0	TONs	\$ 1,250	\$ 275		
SUB TOTAL									\$ 543,731	\$ 543,731	
OVERHEAD & PROFIT (25%)									25%	\$ 135,933	\$ 135,933
TOTAL BID									\$ 679,664	\$ 679,664	
PREPARED FOR: xyz											
PREPARED BY: Blue Estimating											
Notes											
This estimate is based on real market prices that are regularly updated by our team persons through market surveys.											