



ITEM #	CSI SECT.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT COST	ITEM COST	TRADE COST
DIV.02		DEMOLITION							\$ 170,476
1		Replace section of road(top course)	17	10%	18	sy			
2		remove existing curb and relace with steel faced concrete curb	50	10%	55	lf			
3		Replace sidewalk with new side walk (Concrete scoring pattern shall be 5'x5' with troweled joints, Color: pigmented)	213	10%	234	sy			
4		Removal of existing steel column	6	0%	6	ea			
5		Demolition of concrete wall with footing	315	10%	347	lf			
6		Demolition of concrete piers	9	0%	9	ea			
7		Demolition of stairs	48	0%	48	risers			
8		Demolition of 5" thick slab on grade on 10 Mil polythene vapor barrier on 6" compact crushed stone	2,600	10%	2,860	sf			
9		Demolition of 24" thick concrete mat	300	10%	330	cf			
10		Removal of all existing vegetation and rubbish on site	1	0%	1	ls			
11		Removal of HSS 7x7x5/16" post	6	0%	6	ea			
12		Demolition of 8" P.Planks	2,265	10%	2,492	sf			
13		Removal of roof membrane	2,265	10%	2,492	sf			
14		Removal of lintels	4	0%	4	ea			
15		Removal of W10x15	16	10%	18	lf			
16		Removal of 12x45	52	10%	57	lf			
17		Removal of W12x65	25	10%	28	lf			
18		Removal of W8x15	5	0%	5	lf			
19		Removal of W8x24	50	10%	55	lf			
20		Removal of W12x50	22	10%	24	lf			
21		Remove existing wire mesh fence	130	10%	143	lf			
22		Existing sign to carefully remove	1	0%	1	ea			
23		Demolition of concrete wall	90	10%	99	lf			
24		Demolition of CMU wall	345	10%	380	lf			
DIV.03		CONCRETE							\$ 1,215,212
25		12" thick cast in place concrete wall	2,965	10%	3,262	sf			
26		12" thick concrete shear wall	5,545	10%	6,100	sf			
27		8" thick reinforced concrete slab	16,210	10%	17,831	sf			
28		7" thick reinforced concrete slab	2,775	10%	3,053	sf			
29		Reinforced concrete for columns	74	10%	81	cy			
30		Reinforced concrete for Mat foundation	316	10%	347	cy			
31		8" thick concrete slab	185	10%	204	sf			
32		Precast paver over pedestals	2,810	10%	3,091	sf			
33		Precast concrete stairs	304	0%	304	risers			
DIV.04		MASONRY							\$ 135,612
34		6" grouted CMU wall 2hr rated	6,850	10%	7,535	sf			
35		8" grouted CMU wall 2 Hr rated	360	10%	396	sf			
36		8" grouted CMU wall 3 Hr rated	265	10%	292	sf			
DIV.05		METALS							\$ 193,086
37		Fence framed with metal post @ 6' O.C with metal rail clads 10' high	26	10%	29	lf			
38		3'6" Stainless steel and glass railing	411	10%	452	lf			
39		Lockable 7'-0" high x 3'x0" black vinyl coated weld wire fence	275	10%	303	lf			
40		Fence gates	17	0%	17	ea			
41		1-1/2" dia steel pipe stair handrail	340	10%	374	lf			
DIV.07		THERMAL AND MOISTURE PROTECTION							\$ 137,132
42		2" Rigid Insulation	7,110	10%	7,821	sf			
43		4" rigid insulation R-20	2,810	10%	3,091	sf			
44		3/8" drainage Matt on waterproofing	2,810	10%	3,091	sf			
45		5/8" exterior sheathing	750	10%	825	sf			
46		Roof membrane	2,810	10%	3,091	sf			
47		Roof drains	8	0%	8	ea			
48		Capillary waterproofing on walls	8,000	10%	8,800	sf			
49		1/4" torch applied waterproofing on slabs	18,985	10%	20,884	sf			
DIV.09		FINISHES							\$ 4,784,170
		Wall finish							
50		CI-100: white glass tile [finish: white glossy 3x3] by Project Materials LLC	3,872	10%	4,259	sf			
51		G-100: Translucent Cyan glass [cyan color to match to Pantone #7472C]	1,552	10%	1,707	sf			
52		G-101: No details	270	10%	297	sf			
53		G-102: Clear glass	500	10%	550	sf			
54		G-103: Custom KR graphic pink glass	890	10%	979	sf			
55		G-104: White glass [Acid-etch white glass]	652	10%	717	sf			
56		G-105: Black glass [black back painted glass]	434	10%	477	sf			
57		G-107: Mirror [clear mirror]	48	10%	53	sf			
58		P-100: White paint [snowfall white OC-118] by Benjamin Moore	18,950	10%	20,845	sf			
59		P-102: High gloss field paint [color: Pantone 642C pale blue]	1,779	10%	1,957	sf			
60		P-104: High gloss field paint [color: Pantone 642C pale blue]	3,532	10%	3,885	sf			
61		P-106: Shop sprayed lacquer [deep blue color Pantone 2766C]	6,375	10%	7,013	sf			
62		P-107: Shop sprayed lacquer [black color]	560	10%	616	sf			
63		Snowfall white paint on walls	8,933	10%	9,826	sf			
64		WC-100: Type II Wall covering, washable vinyl [Mirage collection wallpaper]	5,000	10%	5,500	sf			
65		WC-101: Black vinyl wallcovering [Source One Decora Onyx 2VDC-16]	1,335	10%	1,469	sf			
		Flooring							

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66		Breathable concrete, traffic coating	6,531	10%	7,184	sf			
67		MA-100: White glass porcelain back tiles [white glossy 32"x32"] by Project Materials LLC	665	10%	732	sf			
68		MA-101: White glass porcelain back tiles [white glossy 32"x32"] by Project Materials LLC	1,728	10%	1,901	sf			
69		WF-100: Laminated wood flooring	8,608	10%	9,469	sf			
		Ceiling							
70		Paint on ceiling	17,740	10%	19,514	sf			
		Exterior facade							
71		Rainscreen façade system	7,655	10%	8,421	sf			
72		Exterior valance [in front of window system]	82	10%	90	lf			
73		Double glazed fixed window	415	10%	457	sf			
74		Flat rain screen wall system	1,820	10%	2,002	sf			
		Partition walls							
		Partition type 10 DW (Cellar to 8th floor)							
75		5/8" gypsum water resistant green board	440	10%	484	sf			
76		5/8" gypsum fire resistant type X wall board	440	10%	484	sf			
77		3-5/8" 20 GA metal stud @ 16" O.C	440	10%	484	sf			
78		Sound attenuation blanket	40	10%	44	sf			
		Partition type 10 D (Cellar to 8th floor)							
79		5/8" gypsum firecode "C" wall board	190	10%	209	sf			
80		3-5/8" 20 GA metal stud @ 16" O.C	95	10%	105	sf			
81		Sound attenuation blanket	95	10%	105	sf			
		Partition type 10E (Cellar to 8th floor)							
82		5/8" gypsum firecode "C" wall board	365	10%	402	sf			
83		2-1/2" 20 GA metal stud @ 16" O.C	365	10%	402	sf			
84		Sound attenuation blanket	365	10%	402	sf			
		Partition type 10J (Cellar to 8th floor)							
85		5/8" gypsum firecode "C" wall board	1,020	10%	1,122	sf			
86		2-1/2" 20 GA metal stud @ 16" O.C	255	10%	281	sf			
87		Sound attenuation blanket	255	10%	281	sf			
		Partition type 10K (Cellar to 8th floor)							
88		5/8" gypsum firecode "C" wall board	18,860	10%	20,746	sf			
89		3-5/8" 20 GA metal stud @ 16" O.C	4,715	10%	5,187	sf			
90		Sound attenuation blanket	4,715	10%	5,187	sf			
		Partition type 10K.W (Cellar to 8th floor)							
91		5/8" gypsum water resistant green board	3,080	10%	3,388	sf			
92		5/8" gypsum fire resistant type X wall board	3,080	10%	3,388	sf			
93		3-5/8" 20 GA metal stud @ 16" O.C	1,540	10%	1,694	sf			
94		Sound attenuation blanket	1,540	10%	1,694	sf			
		Partition type 4A (Cellar to 8th floor)							
95		5/8" gypsum wall board	970	10%	1,067	sf			
96		2-1/2" 20 GA metal stud @ 16" O.C	485	10%	534	sf			
97		Sound attenuation blanket	485	10%	534	sf			
		Partition type 8B (Cellar to 8th floor)							
98		5/8" gypsum wall board	315	10%	347	sf			
		Partition type 8D (Cellar to 8th floor)							
99		5/8" gypsum wall board	7,685	10%	8,454	sf			
		Partition type 8F (Cellar to 8th floor)							
100		5/8" gypsum wall board	3,895	10%	4,285	sf			
101		1-5/8" 25GA metal studs @ 16" O.C	3,895	10%	4,285	sf			
		Partition type 8H (Cellar to 8th floor)							
102		5/8" gypsum wall board	4,685	10%	5,154	sf			
103		2-1/2" 25 GA metal stud @ 16" O.C	4,685	10%	5,154	sf			
104		Sound attenuation blanket	4,685	10%	5,154	sf			
		Partition type 52 (Cellar to 8th floor)							
105		1/2" fiber reinforced Gypsum wall board type X	4,770	10%	5,247	sf			
106		1" type X shaftliner	2,385	10%	2,624	sf			
107		2-1/2" C-H studs @ 24" O.C	2,385	10%	2,624	sf			
108		Sealant	235	10%	259	lf			
		Ceiling							
109		5/8" gypsum board ceiling	17,740	10%	19,514	sf			
DIV.06		WOOD, PLASTICS AND COMPOSITES							\$ 96,900
110		Cabinetry	255	10%	281	lf			
111		Closets	175	10%	193	lf			

ADDRESS:

ITEM #	CSI SECT.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT COST	ITEM COST	TRADE COST
DIV.08 OPENINGS									\$ 358,710
Doors and Hardware									
112		3'-0"x7'-0" hollow metal door with metal frame	17	0%	17	ea			
113		2'-9"x7'-0" hollow metal door with metal frame	2	0%	2	ea			
114		3'-0"x9'-4" Solid glass door with Aluminum frame	2	0%	2	ea			
115		3'-0"x8'-10" Solid glass door with Aluminum frame	1	0%	1	ea			
116		3'-0"x8'-0" window wall system- glass door with Aluminum frame	2	0%	2	ea			
117		3'-0"x8'-0" hollow metal door with metal frame	2	0%	2	ea			
118		3'-0"x8'-10" hollow metal door with plastic laminate metal frame	37	0%	37	ea			
119		3'-0"x8'-4" hollow metal door with plastic laminate metal frame	2	0%	2	ea			
120		3'-0"x8'-4" Solid glass door with Aluminum frame	19	0%	19	ea			
121		3'-3"x8'-4" Solid core wood door with metal frame	21	0%	21	ea			
122		3'-0"x8'-2" window wall system- glass door with Aluminum frame	21	0%	21	ea			
123		3'-0"x8'-2" hollow metal door with plastic laminate metal frame	5	0%	5	ea			
124		3'-0"x7'-0" hollow metal door with plastic laminate metal frame	2	0%	2	ea			
125		3'-0"x7'-0" window wall system- glass door with Aluminum frame	2	0%	2	ea			
Hardware									
126		Door pull	131	0%	131	ea			
127		Hinges	278	0%	278	ea			
128		Closers	131	0%	131	ea			
129		Silencers	417	0%	417	ea			
130		Door stop	139	0%	139	ea			
131		lockset	4	0%	4	ea			
132		Strike plate	4	0%	4	ea			
133		Flush bolt	4	0%	4	ea			
134		Floor strike	4	0%	4	ea			
EXCAVATION									\$ 263,857
135		Excavation	3,656	10%	4,022	cy			
Support for excavation									
136		8"dia x1/2" pipe soldier pile	288	10%	317	lf			
137		3x12 wood lagging	2,112	10%	2,323	sf			
MISC.									\$ 78,860
138		Nigh tech 2C filler stripping Glow in dark	365	10%	402	lf			
139		2 Hr fire rated glass block	630	10%	693	sf			
140		2'x2' access panel above water storage	1	0%	1	ea			
ELECTRICAL									\$ 54,560
141		Duplex receptacle outlet	16	0%	16	ea			
142		Double duplex receptacle outlet	15	0%	15	ea			
143		Emergency lightining unit with 700 lumens	13	0%	13	ea			
144		Data jack	3	0%	3	ea			
145		Telephone outlet	3	0%	3	ea			
146		Roy electric 9002 sb satin finish with brass w/#22 glass	31	0%	31	ea			
147		Roy electric 6001 sb brush finish with brass w/#4 glass	9	0%	9	ea			
148		Roy electric 9000 sb brush finish with brass w/#9glass	11	0%	11	ea			
149		Single pole switch	12	0%	12	ea			
150		Watt stopper or ultrasonic ceiling sensor	7	0%	7	ea			
151		Watt stopper or hung ceiling sensor	2	0%	2	ea			
152		Thermal switch	4	0%	4	ea			
153		Accent lightining	6	0%	6	ea			
PLUMBING									\$ 19,930
154		1" cold water pipe	94	10%	103	lf			
155		1" hot water pipe	44	10%	48	lf			
156		3/4" hot water pipe	105	10%	116	lf			
157		3/4" cold water pipe	20	10%	22	lf			
158		1/2" hot water pipe	22	10%	24	lf			
159		1-1/2" vent pipe	15	10%	17	lf			
160		2" waste pipe	35	10%	39	lf			
161		4" vent pipe	20	10%	22	lf			
162		Floor Drain	5	0%	5	ea			
163		Floor Sink	2	0%	2	ea			
164		Janitor Sink	2	0%	2	ea			
165		Shower	6	0%	6	ea			
166		Water closet	5	0%	5	ea			
167		Lavatory	4	0%	4	ea			
168		Elbows	20	0%	20	ea			
MECHANICAL									\$ 21,200
169		26"X8" DUCT	26	5%	27	lf			
170		22"X8" DUCT	31	5%	33	lf			
171		22"X9" DUCT	10	5%	11	lf			
172		12"X26" DUCT	16	5%	17	lf			
173		12"X8" DUCT	10	5%	11	lf			
174		8"X4" DUCT	8	5%	8	lf			
175		8"X4" pipe	26	5%	27	lf			
176		8"X6" pipe	25	5%	26	lf			
177		1"-1/4" cold water pipe	71	10%	78	lf			
178		1"-1/2" cold water pipe	104	10%	114	lf			
179		3/4" cold water pipe	40	10%	44	lf			
180		1" cold water pipe	55	10%	61	lf			



ITEM #	CSI SECT.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT COST	ITEM COST	TRADE COST
181		1" hot water pipe	12	10%	13	lf			
182		Thermostat	3	0%	3	ea			
183		12*12 ceiling diffuser	3	0%	3	ea			
184		6*6 return grill	3	0%	3	ea			
185		24*24 return grill	3	0%	3	ea			
186		gate valve	2	0%	2	ea			
187		Exhaust fan 300cfm	2	0%	2	ea			
188		Exhaust fan 375cfm	2	0%	2	ea			
189		1" condensate pipe	15	10%	17	lf			
190		AHU	2	0%	2	ea			
SUB TOTAL								\$ -	\$ 7,529,705
OVERHEAD AND PROFIT								25% \$ -	\$ 1,882,426
TOTAL BID								\$ -	\$ 9,412,131