

MATERIAL TAKEOFF & COST ESTIMATE



Customer ID:
Contact:
E-mail:

Job Name: Project Name
Scope: ABC
Address: ABC, 70001
Date: 13-Aug-20

SR #	DWG. #	DESCRIPTION	QUANTITY	UNIT	UNIT LABOR	UNIT MATERIAL	TOTAL COST	TRADE COST
DIVISION 01 - GENERAL REQUIREMENTS								
1		Supervision	1	LS			\$ -	
2		Permits	1	LS			\$ -	
3		Final Cleanup	1	LS	\$465,155		\$ 465,155	
4		Mobilization Costs (2.5%)	1	LS			\$ -	
5		Project Overheads	1	LS			\$ -	
6		Bonds	1	LS	\$402,840		\$ 402,840	
7		Temporary Control & Facilities	1	LS	\$211,491		\$ 211,491	
							Subtotal	\$1,079,486

DIVISION 03- CONCRETE								
Concrete Slab								
8		4" Thk. Concrete Slab on Grade	148	CY	\$116	\$130	\$ 36,405	
9		6x6-W1.4 X W1.4 WWF	12112	SF	\$0	\$0	\$ 5,220	
10		10 Mil Vapor Retarder	12112	SF	\$0	\$0	\$ 3,216	
11		Termite treated Subgrade	12112	SF	\$1	\$0	\$ 13,239	
Elevator Slab								
12		1'-6" Thk. Concrete Slab on Grade	24	CY	\$118	\$130	\$ 6,002	
13		6x6-W1.4 X W1.4 WWF	435	SF	\$0	\$0	\$ 166	
14		10 Mil Vapor Retarder	435	SF	\$0	\$0	\$ 112	
15		Termitr treated Subgrade	435	SF	\$1	\$0	\$ 476	
Pads								
16		4" Thk. Concrete Pads	1	CY	\$147	\$130	\$ 415	
17		6x6-W1.4 X W1.4 WWF	435	SF	\$0	\$0	\$ 188	
Footing								
18		F1: 11'-0" L X 11'-0"W X 2'-2" Thk. Column Footing Reinforced w/ 11#7 Bottom Bars Each Way	19	CY	\$119	\$130	\$ 4,827	
19		F2: 10'-0" L X 10'-0"W X 2'-0" Thk. Column Footing Reinforced w/ 9#7 Bottom Bars Each Way	22	CY	\$119	\$130	\$ 5,529	
20		F3: 9'-0" L X 9'-0"W X 1'-10" Thk. Column Footing Reinforced w/ 8#7 Bottom Bars Each Way	5	CY	\$120	\$130	\$ 1,374	
21		F4: 8'-0" L X 8'-0"W X 1'-8" Thk. Column Footing Reinforced w/ 6#7 Bottom Bars Each Way	28	CY	\$119	\$130	\$ 6,902	
22		F5: 7'-0" L X 7'-0"W X 1'-6" Thk. Column Footing Reinforced w/ 6#6 Bottom Bars Each Way	8	CY	\$121	\$130	\$ 2,052	
23		F6: 5'-6" L X 5'-6"W X 1'-2" Thk. Column Footing Reinforced w/ 6#5 Bottom Bars Each Way	4	CY	\$141	\$130	\$ 1,057	
24		F7: 3'-0" L X 3'-0"W X 1'-2" Thk. Column Footing Reinforced w/ 4#5 Bottom Bars Each Way	7	CY	\$117	\$130	\$ 1,625	
25	S-001 TO S-501	WF1: 8'-0" W X 1'-8" Thk. Continuous Wall Footing Reinforced w/ 6#7 Continuous Bars and #7 @16" O.C. Bottom Bars	29	CY	\$117	\$130	\$ 7,205	
26		WF2: 6'-0" W X 1'-3" Thk. Continuous Wall Footing Reinforced w/ 5#7 Continuous Bars and #6 @12" O.C. Bottom Bars	87	CY	\$116	\$130	\$ 21,277	
27		WF3: 8'-0" W X 1'-8" Thk. Continuous Wall Footing Reinforced w/ 5#5 Continuous Bars and #5 @12" O.C. Bottom Bars	41	CY	\$117	\$130	\$ 10,005	
28		WF4: 4'-0" W X 1'-0" Thk. Continuous Wall Footing Reinforced w/ 4#5 Continuous Bars and #5 @16" O.C. Bottom Bars	5	CY	\$127	\$130	\$ 1,334	
29		WF5: 2'-0" W X 1'-0" Thk. Continuous Wall Footing Reinforced w/ 2#5 Continuous Bars and #3 @16" O.C. Bottom Bars	24	CY	\$119	\$130	\$ 5,990	

30		ME10: 1'-2"W X 1'-0" Thk. Monolithic Edge Footing Reinforced w/ 2#4 Continuous Bottom Bars	1	CY	\$197	\$130	\$ 183
		Formwork					
31		Formwork for Footings	7070	SF	\$0		\$ 2,450
		Pre Cast Lintels					
32		PB1: 8"W X 8" D PreCast Lintel Beam Reinforced w/ 2#5 Bottom Bars	2	CY	\$135	\$130	\$ 432
33		PB2: 8"W X 16" D PreCast Lintel Beam Reinforced w/ 2#5 Bottom Bars	17	CY	\$119	\$130	\$ 4,142
34		PB3: 8"W X 24" D PreCast Lintel Beam Reinforced w/ 2#5 Bottom Bars	2	CY	\$117	\$130	\$ 465
		Concrete Beam					
35		CB2: 18" x 24" Reinforced Concrete Beam	21	CY	\$118	\$130	\$ 5,318
36		CB3: 8" W X 24" Deep Concrete Beam Reinforced w/ 2#7 Bottom Bars 2#7 Middle Bars	1	CY	\$123	\$130	\$ 226
		Concrete Topping					
37		1" Thk. Gypcrete Concrete Topping	60090	SF	\$1	\$2	\$ 154,206
		Stairs					
38		4'-0"W Concrete Stair No. of 6" H Risers	215	EA	\$28	\$110	\$ 29,563
39		Concrete Slab at Landing	254	SF	\$3	\$3	\$ 1,443
		Subtotal (Concrete)					\$333,039
DIVISION 04- MASONRY							
		CMU					
40	S-001 TO S-501	8" THk. CMU Wall Reinforced w/ #5 @ 8" O.C. Each Way	29713	SF	\$13	\$4	\$ 490,900
41		8" THk. CMU Wall Reinforced w/ #5 @ 16" O.C. Each Way	2760	SF	\$13	\$4	\$ 45,599
42		8" THk. CMU Wall Reinforced w/ #5 @ 48" O.C. Each Way	5490	SF	\$13	\$4	\$ 90,708
43		8" THk. CMU Wall Reinforced w/ #5 @ 24" O.C. Each Way	6310	SF	\$13	\$4	\$ 104,255
							\$4
		BOND BEAM					
44		BB1:8" W X 8" D Bond Beam Reinforced w/ 2#5 Bottom Bars	8	CY	\$126	\$130	\$ 2,178
45		BB2:8" W X 16" D Bond Beam Reinforced w/ 2#5 Bottom Bars	43	CY	\$128	\$130	\$ 11,059
		Grout					
46		Grout for Masonry	496	CY	\$84	\$65	\$ 73,650
		Subtotal (Masonry)					\$818,349
DIVISION 05- METAL							
	A102	Canopy					
47	A131	Aluminum canopy	1266	SF	\$1	\$3	\$ 4,726
48	A131	1'-4"thk. Aluminum Roof canopy	980	SF	\$2	\$3	\$ 3,961
49		soffit panels Specs: 2-3/4"x6" deck pan w/ 3"x2" Aluminum angle welded to gutter beam, 3-5/8"x1-5/8" C Channel screwed to 2"x2" angle, sealant w/ weeps @ 4'-0" oc, 2"x2" aluminum angle welded to gutter beam, back plate welded to gutter beam, 8x8" structural steel for canopy connections	980	SF	\$2	\$3	\$ 5,251
		Beam					
50		W12X14 (15 LF)	205	LBS	\$1	\$2	\$ 458
51		W21X201 (31 LF)	6211	LBS	\$1	\$2	\$ 13,912
52		W18X158 (13 LF)	2105	LBS	\$1	\$2	\$ 4,714
53		W18X192 (31 LF)	5996	LBS	\$1	\$2	\$ 13,431
54		W12X45 (58 LF)	2614	LBS	\$1	\$2	\$ 5,855
55		W24X229 (29 LF)	6675	LBS	\$1	\$2	\$ 14,953
56		W16X89 (37 LF)	3328	LBS	\$1	\$2	\$ 7,454
57		W14X68 (18 LF)	1191	LBS	\$1	\$2	\$ 2,667
58		W12X40 (14 LF)	562	LBS	\$1	\$2	\$ 1,260
59		W30X235 (31 LF)	7388	LBS	\$1	\$2	\$ 16,549
60		W18X106 (14 LF)	1516	LBS	\$1	\$2	\$ 3,396

61		W12X65 (17 LF)	1098	LBS	\$1	\$2	\$	2,459
62		W12x14 (42 LF)	588	LBS	\$1	\$2	\$	1,317
63		W10X15 Hoist Beam (18 LF)	270	LBS	\$1	\$2	\$	605
64		W10X15 Hoist Beam (1632 LF)	24480	LBS	\$1	\$2	\$	54,833
65	S-001 TO S-501	W7X26.5 (228 LF)	6042	LBS	\$1	\$2	\$	13,534
		Column						
66		C1: HSS 8X8X5/8 (27 LF)	1581	LBS	\$1	\$2	\$	3,543
67		C2: HSS 8X8X1/2 (40 LF)	1954	LBS	\$1	\$2	\$	4,376
68		C3 HSS 8X8X3/8 (133 LF)	5024	LBS	\$1	\$2	\$	11,254
69		C4: HSS 8X8X5/16 (107 LF)	3395	LBS	\$1	\$2	\$	7,606
70		C5: HSS 8X8X1/4 (13 LF)	344	LBS	\$1	\$2	\$	771
		Base Plates (3/8" Thickness Assumed)						
71		16"LX 16"W Base Plate	2	EA	\$27	\$75	\$	205
72		16"LX 16"W Base Plate	3	EA	\$27	\$75	\$	308
73		14"LX 14"W Base Plate	10	EA	\$27	\$59	\$	866
74		14"LX 14"W Base Plate	8	EA	\$24	\$59	\$	669
75		14"LX 14"W Base Plate	1	EA	\$24	\$59	\$	84
		Railings						
76		Steel Handrail	380	LF	\$13	\$26	\$	14,650
77		Steel Guardrail	220	LF	\$13	\$32	\$	9,802
							\$	-
Subtotal (Metal)								\$225,471

DIVISION 06- WOOD, PLASTIC & COMPOSITES

		Blocking						
78		2x4 blocking	41	LF	\$1	\$1	\$	75
79		Wood Blocking	7232	LF	\$1	\$1	\$	12,063
		Plates						
80		2x8 Continuous dbl plate w/ embedded anchor bolts @ 7'-0" oc	1028	LF	\$1	\$1	\$	2,376
		Backing						
81		Provide 3/4" Exterior Ply backing(VERIFY IN FIELD)	305	LF	\$1	\$1	\$	727
		Interior trim						
82	A-001 TO	Interior trim at doors	7252	LF	\$1	\$0	\$	12,298
83	A-651	Interior trim at windows	3616	LF	\$1	\$0	\$	6,155
		Wood Beam						
84		2x8 Syp#2 @ 12" O.C.	866	LF	\$2	\$2	\$	2,671
		Post						
85		6x6 Post SYP # 2	180	LF	\$3	\$6	\$	1,533
		Sheathing						
86		8" HC Plank	60090	SF	\$1	\$1	\$	105,916
87		Solid Precast Planks	1246	SF	\$1	\$1	\$	2,259
88		8" Pre Stressed Hollow Core Planks	12688	SF	\$1	\$2	\$	31,880
							\$	-
Subtotal (Wood & Plastic Composites)								\$177,953

DIVISION 07- THERMAL & MOISTURE PROTECTION

		Water Proof Material						
89		60 Mil TPO fully adhered roof membrane	16422	SF	\$1	\$2	\$	51,113
90		Walkway pad	763	SF	\$1	\$2	\$	2,484
91		Equipment Pads	232	SF	\$1	\$2	\$	531
92		1'-4"h Metal fascia	169	LF	\$1	\$1	\$	272
93		Insulation at roof	16422	SF	\$1	\$0	\$	15,190
94		1" Rigid fiberboard insulation	10	SF	\$1	\$0	\$	10
95		Flashing & sealant for canopy connection	155	SF	\$2	\$1	\$	404
96		1/2" OSB Sheathing at Parapet	3083	SF	\$0	\$1	\$	5,017
97		Wall to roof flashing	514	LF	\$2	\$0	\$	1,286
98		12"w Aluminum metal Coping	51	LF	\$2	\$2	\$	166
99		8"W x 6"H Clear anodized aluminum metal coping	514	LF	\$1	\$1	\$	1,240
100		2x8 Continuous dbl plate w/ embedded anchor bolts @ 7'-0" oc	514	LF	\$2	\$1	\$	1,118
		Scupper						
101		Scupper	8	EA	\$18	\$36	\$	424
		Hood						
102		8"W x 1'-6"L roofing hood	1	EA	\$18	\$86	\$	103

		Toilet Accessories					
253		36" L Horizontal Vertical grab Bar	154	EA	\$11	\$32	\$ 6,657
254		42" L Horizontal Vertical grab Bar	154	EA	\$17	\$45	\$ 9,517
255		Soap Dispenser	157	EA	\$7	\$25	\$ 4,955
256		Wall Mounted Mirror	157	EA	\$12	\$55	\$ 10,448
257		Tissue Dispenser	154	EA	\$7	\$15	\$ 3,442
258	A-001	Napkin Disposal	2	EA	\$13	\$25	\$ 76
259	TO	Shower Rod	50	EA	\$17	\$85	\$ 5,090
260	A-651	Curtain Rod	60	EA	\$11	\$24	\$ 2,105
261		Tub Grab Bars	60	EA	\$12	\$26	\$ 2,253
262		Robe Hook	154	EA	\$13	\$5	\$ 2,791
		Misc.					
263		Wall Mounted, Internally illuminated sign by other	1	EA	\$38		\$ 38
Subtotal (Specialties)							\$48,174

DIVISION 11- EQUIPMENT

264		Bottle cooler Mfr: Krowne Model: BC36-SS	1	EA	\$41	\$254	\$ 295
265		Hand sink Mfr: Krowne Model: KR24-1C	1	EA	\$51	\$155	\$ 206
266		Bottle storage unit Mfr: Krowne Model: KR24-12RD-LC	1	EA	\$81	\$1,050	\$ 1,131
267		Soda gun Mfr: Custom Model: SG	1	EA	\$22	\$1,565	\$ 1,587
268		Ice bin Mfr: Krowne Model: KR19-30-10	1	EA	\$18	\$255	\$ 273
269		Drainboard Mfr: Krowne Model: KR19-C24L	1	EA	\$27	\$120	\$ 147
270		Underbar sink units Mfr: Krowne Model: KR19-43R	1	EA	\$22	\$2,555	\$ 2,577
271		Back bar cabinet, refrigerated Mfr: Glastender Model: C1SB44	2	EA	\$61	\$3,540	\$ 7,202
272		Draft beer cooler Mfr: Glastender Model: KC72	1	EA	\$49	\$1,560	\$ 1,609
273		Microwave oven Mfr: Acp Model: RFS12TS	1	EA	\$26	\$540	\$ 566
274		Induction range warmer, countertop Mfr: Vollrath Model: 5950275	2	EA	\$81	\$455	\$ 1,073
275		Conveyor toaster Mfr: Waring Model: CTS1000	1	EA	\$18	\$210	\$ 228
276		Waffle maker/ baker Mfr: Waring Model: WW180X	2	EA	\$10	\$354	\$ 729
277		Juice dispenser, electric Mfr: Cornelius Model: 721404101JU1	1	EA	\$22	\$112	\$ 134
278		Counter refrigerator Mfr: True Model: GDM-05-S-HC-TSL01	1	EA	\$41	\$2,540	\$ 2,581
279		Drop-In sink Mfr: Glastender Model: DI-HS12	2	EA	\$22	\$155	\$ 354
280		Soda ice & beverage dispenser, In- counter Mfr: Multiplex Model: 2705481	1	EA	\$41	\$540	\$ 581
281		Beverage cooler Mfr: john boos Model: BC	1	EA	\$26	\$136	\$ 162
282		Iced tea brewer Mfr: BUNN Model: 36700.0009	1	EA	\$22	\$240	\$ 262
283		Shelving, wall mounted Mfr: John Boos Model: EWS8-1248-X	3	EA	\$81	\$366	\$ 1,342
284		Coffee brewer Mfr: Bunn Model: 38700.0013	1	EA	\$22	\$255	\$ 277
285	FS1 TO	Bag in box syrup tank rack Mfr: Eagle group Model: STR2430B	1	EA	\$18	\$650	\$ 668

286	FS-E1.1	Hand sink Mfr: Krowne Model: HS-30L	1	EA	\$61	\$201	\$ 262	
287		Corner sink Mfr: John boos Model: 3BCS-184-2D18-X	1	EA	\$65	\$155	\$ 220	
288		Soiled dishtable Mfr: John boos Model: JDTS-20-60R-X	1	EA	\$41	\$256	\$ 297	
289		Pre-Rinse faucet assembly Mfr: T&S brass Model: B-0133	1	EA	\$49	\$105	\$ 154	
290		Dishwasher,door type Mfr: CMA dish machines Model: AH	1	EA	\$26	\$155	\$ 181	
291		Clean dishtable Mfr: John boos Model: JDTC-20-36L-X	1	EA	\$22	\$136	\$ 158	
292		Reach-In refrigerator Mfr: True Model: T-49-HC	1	EA	\$81	\$1,550	\$ 1,631	
293		Ice bin for ice machines Mfr: Follett Model: SG700S-30	1	EA	\$41	\$3,550	\$ 3,591	
294		Ice maker, cube style Mfr: Hoshizaki Model: KM-901MAJ	1	EA	\$61	\$245	\$ 306	
295		Reach-In refrigerator Mfr: True Model: TSD-69G-LD	1	EA	\$81	\$1,550	\$ 1,631	
296		Wire shelving Mfr: Oneida hospitality Model: FF2136G	23	EA	\$10	\$455	\$ 10,699	
297		Under counter refrigerator Mfr: True Model: TUC-36-ADA-HC	1	EA	\$41	\$1,666	\$ 1,707	
298		Work table with sink Mfr: John boos Model: WTS	1	EA	\$49	\$245	\$ 294	
299		Combi oven,electric Mfr: Alto-shaam Model: CTP7-20E-QS	1	EA	\$24	\$365	\$ 389	
300		Multi-cook oven Mfr: Alto-shaam Model: VMC-H4H	2	EA	\$9	\$255	\$ 528	
301		Equipment stand,refrigerated base Mfr: True Model: TRCB-52	1	EA	\$18	\$365	\$ 383	
302		Sandwich/salad preparation refrigerator Mfr: True Model: TSSU-48-12-HC	2	EA	\$13	\$1,540	\$ 3,106	
303		Hot food wekk unit,drop-in,electric Mfr: Wells Model: MOD-100TD-QS	1	EA	\$6	\$444	\$ 450	
304		Spreader cabinet Mfr: John boos Model: Custom	1	EA	\$61	\$450	\$ 511	
305		Heat lamp Mfr: Hatco Model: GRA-60	1	EA	\$6	\$325	\$ 331	
306		Plate cabinet/overhelf Mfr: John boos Model: Custom	1	EA	\$15	\$1,555	\$ 1,570	
307		Reach-in freezer Mfr: True Model: T-23F-HC	1	EA	\$41	\$3,650	\$ 3,691	
Subtotal (Equipment)							\$56,074	

DIVISION 12- FURNISHING

Millwork & Countertop							
308	A-001 TO A-651	2'-0" W Bath Counter Top	1384	SF	\$6	\$33	\$ 53,093
309		2'-0" W Counter Top	57	SF	\$6	\$33	\$ 2,187
310		2'-0" W Base Cabinet	726	LF	\$16	\$85	\$ 73,092
311		1'-0" W Upper Cabinet	24	LF	\$16	\$85	\$ 2,428
312		2'-0" W Upper Cabinet	12	LF	\$16	\$85	\$ 1,214
313		2'-0" W Shelves	9	LF	\$17	\$96	\$ 1,009
Window Sill							
314		6-5/8" x 1-1/4" Solid surface sill	1072	LF	\$5	\$9	\$ 14,151
Subtotal (Furnishing)							\$147,174

DIVISION 14- CONVEYING SYSTEM								
		Elevator					\$ -	
315	A-001-	6'-10"W X 6'-2"L ElevatorNo. of Floors = 6 EA	2	EA	\$7,500	\$65,580	\$ 146,160	
316	A-651	Ladder for Elevator Pit Note: Provided by Unit Manufacturer	1	EA	\$25		\$ 25	
							\$ -	
Subtotal (Conveying System)							\$146,185	
DIVISION 21- FIRE SUPPRESSION								
317		Allowance for Fire Sprinklers, Pipe fittings etc. Area = 67,140 SF	1	LS	\$92,506		\$ 92,506	
		Pump						
318	FP-001 TO FP-SC1	FP-1: Fire Pump Model# 4-383-10B Mfr: PENTAIR	1	EA	\$138	\$410	\$ 548	
319		JP-1: Jockey Pump Model# PVM1-10 Mfr: PENTAIR	1	EA	\$138	\$550	\$ 688	
		Misc.						
320		Double Check Detector	1	EA	\$22	\$33	\$ 55	
321		Free Standing FDC	1	EA	\$15	\$110	\$ 125	
322		6" Fire Line	354	LF	\$25	\$5	\$ 10,564	
323		2" Fire Line	114	LF	\$11	\$3	\$ 1,536	
324		Fire Sprinkler Main Line	1559	LF	\$8	\$4	\$ 17,862	
325		6" Riser	4	EA	\$24	\$41	\$ 260	
326		Fire Sprinkler Riser	1	EA	\$17	\$6	\$ 22	
327	Pressure gauge	1	EA	\$24	\$125	\$ 149		
Subtotal (Fire Suppression)							\$124,314	
DIVISION 22- PLUMBING								
328		Allowance for Plumbing Piping Fittings, Valves etc. Area = 67,140 SF	1	LS	\$70,305		\$ 70,305	
		Plumbing Equipments						
329		WC-1: Water Closet Model# 3451001 MFR: American Standard	4	EA	\$224	\$251	\$ 1,902	
330		WC-2: Ada Water Closet Model# 3043.001 MFR: American Standard	10	EA	\$247	\$235	\$ 4,818	
331		WC-3: Water Closet Model# 2462.100 MFR: American Standard	20	EA	\$209	\$256	\$ 9,309	
332		WC-4: Ada Water Closet Model# 2467.100 MFR: American Standard	10	EA	\$247	\$280	\$ 5,268	
333		L-1: Lavatory Model# 0614.000 MFR: American Standard	8	EA	\$230	\$354	\$ 4,675	
334		L-2: Ada Lavatory Model# 0321.026 MFR: American Standard	9	EA	\$247	\$365	\$ 5,512	
335		L-3: Lavatory Model# 0614.000 MFR: American Standard	30	EA	\$217	\$369	\$ 17,577	

336		S-1: Sink Model# KW1012522 MFR: Dayton Moen	2	EA	\$165	\$155	\$ 639
337		U-1: Urinal Model# 6590.525 MFR: American Standard	4	EA	\$97	\$165	\$ 1,049
338		EWC-1: Electric Water Cooler Model# VRCTL8SC MFR: Elkay	2	EA	\$329	\$254	\$ 1,166
339		MS-1: MOP Sink Model# MSB 2424 MFR: FIAT	5	EA	\$247	\$154	\$ 2,004
340	P-001 TO P-503	SH-1: Shower Pan Model# SP-3660-C/SF MFR: Mincey	6	EA	\$239	\$221	\$ 2,762
341		SH-2: Shower Pan Model# SP-3648-C/SF MFR: Mincey	5	EA	\$97	\$211	\$ 1,541
342		SH-3: Ada Shower Pan Model# Custom MFR: Mincey	11	EA	\$82	\$410	\$ 5,407
343		SH-4: Shower Pan Model # K-22170-G MFR: Kohler	1	EA	\$224	\$410	\$ 634
344		4" FS: Floor Sink Model# Z 1388 Mfr: ZURN	18	EA	\$180	\$265	\$ 8,001
345		HB-1: Hose Bibb Model# LFSC-6 Mfr:WATTS	1	EA	\$81	\$66	\$ 146
346		BT-1	10	EA	\$299	\$125	\$ 4,242
347		American Standard Water Closet	110	EA	\$224	\$254	\$ 52,622
348		American Standard Lavatory	110	EA	\$97	\$265	\$ 39,846
349		Shower	50	EA	\$299	\$110	\$ 20,459
350		Bath Tub	60	EA	\$449	\$455	\$ 54,226
351		Grease Trap, 750 Gallon	1	EA	\$299	\$285	\$ 584
		Plumbing Equipments					
352		Proposed Genset (2,115 CFH)	1	EA	\$748	\$5,850	\$ 6,598
353		SP-1: Submersible Pump Model# E293 MFR: ZOELLER	1	EA	\$299	\$354	\$ 653
354		WH-1: Wall Hydrant Model# HY-420 MFR: WATTS	5	EA	\$52	\$110	\$ 812
355		PH-1: Non Freeze Hydrant Model# Z 1388 MFR: ZURN	2	EA	\$75	\$102	\$ 354
356	P-001 TO P-503	HP-1: Pump Model# 3U-32-125 MFR: Synchroflo	1	EA	\$299	\$655	\$ 954
357		GWH: Gas Water Heater Model# NC380-SV-ASME MFR: NORITZ	9	EA	\$329	\$455	\$ 7,057
358		RCP-1: Pump Model# PL-36B MFR: B & G	1	EA	\$329	\$385	\$ 714
359		RCP-2: Pump Model# PL-30B MFR: B & G	1	EA	\$329	\$410	\$ 739
360		IWH-1: Instantaneous Electric Heater Model# M-20L MFR: Chromomite	1	EA	\$224	\$366	\$ 590

Drains/Clean Outs							
361		3" Floor Drain	11	EA	\$67	\$46	\$ 1,241
362		4" Floor Drain	3	EA	\$52	\$65	\$ 352
363		ECO: Exterior Clean Out	4	EA	\$36	\$26	\$ 246
364	P-001	FCO: Floor Clean Out	7	EA	\$37	\$37	\$ 513
365	TO	2" VTR: Vent Through Roof	1	EA	\$53	\$66	\$ 119
366	P-503	WCO: Wall Clean Out	1	EA	\$38	\$26	\$ 63
367		4" VTR: Vent Through Roof	14	EA	\$34	\$55	\$ 1,232
368		6" RD: Roof Drain	3	EA	\$38	\$79	\$ 349
369		6" OD: Overflow Drain	3	EA	\$49	\$110	\$ 476
Valves							
370	P-001	Shut Off Valves	114	EA	\$52	\$46	\$ 11,156
371	P-503	Back Flow preventer	1	EA	\$67	\$37	\$ 104
Plumbing Pipes							
372		1 1/4" Gas Pipe	117	LF	\$20	\$3	\$ 2,604
373		1 1/4" CD Pipe	1409	LF	\$20	\$3	\$ 31,337
374		1/2" Vent Pipe	61	LF	\$15	\$3	\$ 1,062
375		6" Storm Pipe	392	LF	\$31	\$8	\$ 15,384
376		1" CD	149	LF	\$20	\$1	\$ 3,217
377		3/4" CD	7	LF	\$17	\$2	\$ 130
378		4" Storm Pipe	737	LF	\$28	\$4	\$ 23,385
379		3" Storm Pipe	58	LF	\$26	\$4	\$ 1,747
380		2" Vent Pipe	152	LF	\$23	\$3	\$ 3,866
381		3" Vent Pipe	71	LF	\$26	\$3	\$ 2,079
382		2 1/2" Vent Pipe	60	LF	\$24	\$3	\$ 1,628
383		6" Waste Pipe	70	LF	\$32	\$9	\$ 2,808
384		2" Storm Pipe	96	LF	\$20	\$2	\$ 2,145
385		3/4" HW Pipe	364	LF	\$17	\$1	\$ 6,525
386		1 -1/4" HP CW Line	138	LF	\$20	\$3	\$ 3,076
387		2" HP CW Line	339	LF	\$16	\$5	\$ 6,851
388		1 -1/2" HP CW Line	56	LF	\$28	\$3	\$ 1,723
389		1" HW Pipe	118	LF	\$17	\$3	\$ 2,335
390	P-001	8" Storm Pipe	51	LF	\$48	\$2	\$ 2,530
391	TO	1/2" HW Pipe	187	LF	\$20	\$2	\$ 4,114
392	P-503	1" HWR Pipe	160	LF	\$20	\$2	\$ 3,527
393		1 1/2" HWR Pipe	50	LF	\$21	\$3	\$ 1,196
394		1 1/4" HWR Pipe	94	LF	\$17	\$3	\$ 1,866
395		1 1/4" HW Pipe	140	LF	\$21	\$3	\$ 3,341
396		2" Gas Pipe	61	LF	\$17	\$1	\$ 1,088
397		3" CW Pipe	43	LF	\$20	\$5	\$ 1,034
398		1" CW Pipe	89	LF	\$16	\$2	\$ 1,575
399		2" CW Pipe	74	LF	\$24	\$3	\$ 1,943
400		1 1/2" HW Pipe	10	LF	\$20	\$4	\$ 243
401		1 1/2" Vent Pipe	132	LF	\$20	\$3	\$ 2,982
402		1 1/2" Gas Pipe	85	LF	\$20	\$3	\$ 1,931
403		1/2" CW Pipe	53	LF	\$12	\$1	\$ 686
404		1 1/4" CW Pipe	12	LF	\$17	\$2	\$ 228
405		3/4" CW Pipe	205	LF	\$9	\$2	\$ 2,076
406		3/4" Vent Pipe	50	LF	\$9	\$2	\$ 511
407		1" Vent Pipe	58	LF	\$12	\$2	\$ 800
408		3" Vent Pipe	80	LF	\$23	\$6	\$ 2,286
409		3/4" CD	75	LF	\$17	\$1	\$ 1,324
410		1/2" Vent Pipe	39	LF	\$14	\$1	\$ 599
Misc.							
411	P-001	Gas meter per utility	1	EA	\$112	\$205	\$ 317
412	P-503	Water heater controller	1	EA	\$82	\$110	\$ 192
Subtotal (Plumbing)							\$497,308

DIVISION 23- HEATING, VENTILATING & AIR-CONDITIONING

413		Allowance Provided for Mechanical Duct Fittings, Insulation etc. Area = 67,140 SF	1	LS	\$3,887		\$ 3,887
		Mechanical Duct					
414	M-001 TO M-501	10" Dia Exhaust Duct	37	LF	\$35	\$5	\$ 1,440
415		10" Dia Supply Duct	52	LF	\$34	\$5	\$ 2,033
416		10x10 Exhaust Duct	54	LF	\$37	\$16	\$ 2,820
417		10x10 Return Duct	57	LF	\$37	\$16	\$ 2,961
418		10x12 Supply Duct	41	LF	\$37	\$21	\$ 2,376
419		10x14 Return Duct	14	LF	\$37	\$23	\$ 839
420		10x8 Supply Duct	24	LF	\$38	\$19	\$ 1,344
421		12" Dia Exhaust Duct	16	LF	\$41	\$6	\$ 731
422		12" Dia Supply Duct	10	LF	\$41	\$6	\$ 472
423		12x10 Supply Duct	16	LF	\$40	\$23	\$ 996
424		12x12 Supply Duct	34	LF	\$40	\$25	\$ 2,198
425		12x14 Supply Duct	14	LF	\$42	\$26	\$ 978
426		12x6 Supply Duct	269	LF	\$40	\$20	\$ 16,195
427		14x12 Return Duct	28	LF	\$43	\$32	\$ 2,109
428		14x14 Supply Duct	23	LF	\$43	\$33	\$ 1,709
429		14x16 Supply Duct	24	LF	\$43	\$36	\$ 1,920
430		14x8 Supply Duct	525	LF	\$43	\$37	\$ 41,588
431		16x12 Supply Duct	27	LF	\$48	\$38	\$ 2,316
432		16x14 Return Duct	25	LF	\$48	\$42	\$ 2,235
433		16x14 Supply Duct	31	LF	\$48	\$42	\$ 2,739
434		16x16 Return Duct	15	LF	\$49	\$43	\$ 1,338
435		18x10 Supply Duct	5	LF	\$56	\$49	\$ 499
436		18x16 Return Duct	9	LF	\$47	\$51	\$ 840
437		18x18 Return Duct	5	LF	\$60	\$54	\$ 582
438		20x14 Return Duct	49	LF	\$55	\$61	\$ 5,624
439		20x14 Supply Duct	31	LF	\$56	\$61	\$ 3,603
440		20x16 Return Duct	5	LF	\$60	\$63	\$ 644
441		20x16 Supply Duct	36	LF	\$55	\$63	\$ 4,258
442		20x18 Return Duct	19	LF	\$57	\$69	\$ 2,441
443		22x20 Exhaust Duct	8	LF	\$62	\$73	\$ 1,128
444		22x22 Supply Duct	29	LF	\$62	\$76	\$ 3,987
445		22x6 Supply Duct	5	LF	\$72	\$70	\$ 685
446		24x12 Return Duct	5	LF	\$774	\$75	\$ 4,227
447		4" Dia Supply Duct	973	LF	\$18	\$2	\$ 19,893
448	4x8 Supply Duct	24	LF	\$20	\$7	\$ 655	
449	6" Dia Supply Duct	264	LF	\$27	\$13	\$ 10,382	
450	6x4 Supply Duct	68	LF	\$28	\$15	\$ 2,862	
451	6x6 Return Duct	4	LF	\$33	\$15	\$ 188	
452	6x6 Supply Duct	23	LF	\$28	\$17	\$ 1,031	
453	6x8 Supply Duct	35	LF	\$28	\$4	\$ 1,089	
454	8" Dia Exhaust Duct	18	LF	\$34	\$4	\$ 668	
455	8" Dia Return Duct	59	LF	\$34	\$4	\$ 2,220	
456	8" Dia Supply Duct	51	LF	\$33	\$14	\$ 2,413	
457	8x10 Supply Duct	149	LF	\$33	\$12	\$ 6,718	
458	8x4 Supply Duct	25	LF	\$34	\$11	\$ 1,124	
459	8x6 Supply Duct	197	LF	\$33	\$12	\$ 8,857	
460	8x8 Return Duct	27	LF	\$34	\$13	\$ 1,264	
461	8x8 Supply Duct	67	LF	\$34	\$13	\$ 3,098	
		Piping					
462	M-001	7/8" RS & 3/8" RL Piping	878	LF	\$9	\$1	\$ 9,061
463	TO	4" PVC for all Underground Refrigerant Piping	142	LF	\$24	\$1	\$ 3,673
464	M-501	Ref Piping	89	LF	\$13	\$2	\$ 1,276
		Thermostat					
465	M-001 TO M-501	Furnish & Install Thermostat	55	EA	\$41	\$25	\$ 3,577

Mechanical Equipment							
466		CU-1: Condensing Unit Model# CBA27UHE-060 Mfr: LENNOX	1	EA	\$434	\$3,580	\$ 4,014
467		CU-2: Condensing Unit Model# CBA27UHE-060 Mfr: LENNOX	1	EA	\$434	\$3,580	\$ 4,014
468		CU-3: Condensing Unit Model# CBA27UHE-060 Mfr: LENNOX	1	EA	\$434	\$3,580	\$ 4,014
469		CU-4: Condensing Unit Model# CBA27UHE-060 Mfr: LENNOX	1	EA	\$434	\$3,580	\$ 4,014
470		CU-5: Condensing Unit Model# CBA27UHE-036 Mfr: LENNOX	1	EA	\$434	\$3,225	\$ 3,659
471		CU-6: Condensing Unit Model# CBA27UHE-048 Mfr: LENNOX	1	EA	\$434	\$3,454	\$ 3,888
472		CU-7: Condensing Unit Model# CBA27UHE-042 Mfr: LENNOX	1	EA	\$434	\$2,525	\$ 2,959
473		CU-8: Condensing Unit Model# CBA27UHE-060 Mfr: LENNOX	1	EA	\$434	\$3,580	\$ 4,014
474		CU-9: Condensing Unit Model# CBA27UHE-060 Mfr: LENNOX	1	EA	\$434	\$3,580	\$ 4,014
475		CU-10: Condensing Unit Model# PUY-A24NHA7-BS Mfr: MITSUBISHI	1	EA	\$434	\$6,585	\$ 7,019
476		AHU-1: Air Handling Units Model# ML14XC1-060-230 Mfr: LENNOX	1	EA	\$434	\$6,550	\$ 6,984
477		AHU-2: Air Handling Units Model# ML14XC1-060-230 Mfr: LENNOX	1	EA	\$434	\$6,550	\$ 6,984
478		AHU-3: Air Handling Units Model# ML14XC1-060-230 Mfr: LENNOX	1	EA	\$434	\$6,550	\$ 6,984
479		AHU-4: Air Handling Units Model# ML14XC1-060-230 Mfr: LENNOX	1	EA	\$434	\$6,550	\$ 6,984
480		AHU-5: Air Handling Units Model# ML14XC1-036-230 Mfr: LENNOX	1	EA	\$434	\$6,550	\$ 6,984
481		AHU-6: Air Handling Units Model# ML14XC1-048-230 Mfr: LENNOX	1	EA	\$434	\$6,550	\$ 6,984
482		AHU-7: Air Handling Units Model# ML14XC1-042-230 Mfr: LENNOX	1	EA	\$434	\$6,550	\$ 6,984
483		AHU-8: Air Handling Units Model# ML14XC1-060-230 Mfr: LENNOX	1	EA	\$434	\$6,550	\$ 6,984
484		AHU-9: Air Handling Units Model# ML14XC1-060-230 Mfr: LENNOX	1	EA	\$434	\$6,550	\$ 6,984
485	M-001 TO M-501	AHU-10: Air Handling Units Model# PKA-A24KA7 Mfr: MITSUBISHI	1	EA	\$434	\$5,580	\$ 6,014
486		AHU-6-1: VRV Split System Model# ARNU073TRD4 Mfr: LG	1	EA	\$434	\$4,588	\$ 5,022
487		AHU-6-2: VRV Split System Model# ARNU183L2G4 Mfr: LG	1	EA	\$434	\$3,565	\$ 3,999
488		AHU-X-1: VRV Split System Model# ARNU183L2G4 Mfr: LG	4	EA	\$434	\$5,454	\$ 23,553
489		AHU-X-2: VRV Split System Model# ARNU053TRD4 Mfr: LG	4	EA	\$434	\$2,554	\$ 11,953
490		PTAC-1 Model# PTC073G Mfr: AMANA	88	EA	\$434	\$5,458	\$ 518,518
491		PTAC-2 Model# PTC093G Mfr: AMANA	22	EA	\$434	\$5,485	\$ 130,224
492		CU-7-1: Condensing Unit Model# ARUM121BTES Mfr: LG	1	EA	\$434	\$2,550	\$ 2,984

493		BSB-1: Condensing Unit Model# PRHR023A Mfr: LG	5	EA	\$434	\$2,550	\$ 14,921
494		EUH-1: Unit Heater CFM: 400 Model# UHEC-03	1	EA	\$324	\$445	\$ 769
		Exhaust Fan					
495		EF-1: Exhaust Fan CFM: 175 Model# G-080-VG	2	EA	\$67	\$140	\$ 414
496		EF-2: Exhaust Fan CFM: 300 Model# G-080-VG	7	EA	\$67	\$240	\$ 2,150
497		EF-3: Exhaust Fan CFM: 250 Model# G-080-VG	2	EA	\$67	\$200	\$ 534
498		EF-4: Exhaust Fan CFM: 125 Model# G-079-VG	2	EA	\$67	\$100	\$ 334
499		EF-5: Exhaust Fan CFM: 2875 Model# USF-24	1	EA	\$67	\$2,300	\$ 2,367
500		EF-6: Exhaust Fan CFM: 420 Model# CSP-A510	1	EA	\$67	\$336	\$ 403
501		EF-7: Exhaust Fan CFM: 100 Model# CSP-A510	1	EA	\$67	\$80	\$ 147
502		EF-8: Exhaust Fan CFM: 75 Model# CSP-A110	1	EA	\$67	\$60	\$ 127
503		EF-9: Exhaust Fan CFM: 300 Model# CSP-A110	1	EA	\$67	\$240	\$ 307
504		EF-10: Exhaust Fan CFM: 140 Model# SE1-10-428-P	1	EA	\$67	\$112	\$ 179
		Diffuser register Grill					
505		A,Ceiling Supply Diffuser, 10" Dia, CFM 225	6	EA	\$87	\$180	\$ 1,601
506		A,Ceiling Supply Diffuser, 10" Dia, CFM 250	2	EA	\$87	\$200	\$ 574
507		A,Ceiling Supply Diffuser, 10" Dia, CFM 275	6	EA	\$87	\$220	\$ 1,841
508		A,Ceiling Supply Diffuser, 10" Dia, CFM 300	1	EA	\$87	\$240	\$ 327
509		A,Ceiling Supply Diffuser, 10" Dia, CFM 325	4	EA	\$87	\$260	\$ 1,387
510		A,Ceiling Supply Diffuser, 12" Dia, CFM 425	4	EA	\$87	\$340	\$ 1,707
511		A,Ceiling Supply Diffuser, 12" Dia, CFM 475	2	EA	\$87	\$380	\$ 934
512		A,Ceiling Supply Diffuser, 12" Dia, CFM 500	4	EA	\$87	\$400	\$ 1,947
513		A,Ceiling Supply Diffuser, 6" Dia, CFM 100	7	EA	\$65	\$80	\$ 1,014
514		A,Ceiling Supply Diffuser, 6" Dia, CFM 50	9	EA	\$52	\$40	\$ 829
515		A,Ceiling Supply Diffuser, 6" Dia, CFM 75	5	EA	\$75	\$60	\$ 676
516		A,Ceiling Supply Diffuser, 8" Dia, CFM 125	2	EA	\$64	\$100	\$ 327
517		A,Ceiling Supply Diffuser, 8" Dia, CFM 150	2	EA	\$52	\$120	\$ 344
518		A,Ceiling Supply Diffuser, 8" Dia, CFM 175	11	EA	\$69	\$140	\$ 2,304
519		A,Ceiling Supply Diffuser, 8" Dia, CFM 200	12	EA	\$75	\$160	\$ 2,823
520		A,Ceiling Supply Diffuser, 8" Dia, CFM 450	1	EA	\$52	\$360	\$ 412
521		B,Supply Grille, 10X8, CFM 200	1	EA	\$87	\$160	\$ 247
522		B,Supply Grille, 28X5, CFM 330	5	EA	\$75	\$264	\$ 1,696
523		B,Supply Grille, 6X4, CFM50	21	EA	\$52	\$40	\$ 1,934
524		B,Supply Grille, 6X6, CFM 75	1	EA	\$64	\$60	\$ 124
525	M-001	B,Supply Grille, 10X8, CFM 200	1	EA	\$74	\$160	\$ 234
526	TO	C,Ceiling Supply Diffuser, 4" Dia, CFM 35	20	EA	\$52	\$28	\$ 1,602
527	M-501	C,Ceiling Supply Diffuser, 4" Dia, CFM 30	23	EA	\$41	\$24	\$ 1,484
528		C,Ceiling Supply Diffuser, 4" Dia, CFM 40	5	EA	\$52	\$32	\$ 421
529		D, Ceiling Return Grille, 12" Dia, CFM 485	5	EA	\$76	\$388	\$ 2,319
530		D, Ceiling Return Grille, 14" Dia, CFM 530	5	EA	\$63	\$424	\$ 2,436
531		D,Ceiling Return Grille, 6" Dia, CFM 90	13	EA	\$75	\$72	\$ 1,915
532		D, Ceiling Return Grille, 22X22	9	EA	\$52	\$150	\$ 1,819
533		E, Ceiling Exhaust Grille, 4" Dia, CFM 35	9	EA	\$64	\$28	\$ 825
534		E, Ceiling Exhaust Grille, 4" Dia, CFM 25	15	EA	\$55	\$20	\$ 1,125
535		E, Ceiling Exhaust Grille, 4" Dia, CFM 30	8	EA	\$76	\$24	\$ 799
536		F, Ceiling Supply Diffuser,6" Dia, CFM 75	2	EA	\$64	\$60	\$ 247
537		F, Ceiling Supply Diffuser,6" Dia, CFM 100	1	EA	\$75	\$80	\$ 155
538		F, Ceiling Supply Diffuser,8" Dia, CFM 150	1	EA	\$56	\$120	\$ 176
539		F, Ceiling Supply Diffuser,10" Dia, CFM 325	2	EA	\$76	\$260	\$ 673
540		G, Return Grille , 6X4, CFM 75	1	EA	\$52	\$60	\$ 112
541		G, Return Grille , 6X4	5	EA	\$64	\$25	\$ 443
542		G, Return Grille , 610X8	2	EA	\$74	\$35	\$ 218
543		H, Exhaust Grille, 8" Dia	2	EA	\$75	\$26	\$ 201
544		H, Exhaust Grille, 10X10	1	EA	\$65	\$16	\$ 80
545		H, Exhaust Grille, 6" Dia, CFM 70	2	EA	\$75	\$56	\$ 263
546		H, Exhaust Grille, 8" Dia, CFM 210	2	EA	\$56	\$168	\$ 447
547		I, Linear Slot Diffuser, 8" Dia, CFM 150	3	EA	\$75	\$120	\$ 586

Louvers							
548		8'-0"W x 2'-2"H PTAC Louver at windows	120	EA	\$232	\$589	\$ 98,472
549	M-001	3'-0"W x 1'-4"H Louver	1	EA	\$174	\$225	\$ 399
550	TO	1'-8"W x 1'-4"H Louver	3	EA	\$139	\$155	\$ 882
551	M-501	4'-0"W x 1'-4"H Louver	5	EA	\$185	\$355	\$ 2,701
552		2'-6"W x 1'-4"H Louver	3	EA	\$174	\$305	\$ 1,436
Dampers							
553		Motorized Damper	9	EA	\$41	\$70	\$ 995
554	M-001	Fire Damper	40	EA	\$29	\$63	\$ 3,677
555	TO	Volume Damper	9	EA	\$41		\$ 365
556	M-501	Barometric Relief Damper	2	EA	\$49	\$120	\$ 337
557		Combine Fire/Smoke Damper	35	EA	\$37		\$ 1,305
Rooftop Unit							
558	M-001 TO	OARTU-1: Packaged Outside Air Unit CFM: 3550 Model# RV-45-25S	1	EA	\$579	\$6,650	\$ 7,229
559	M-501	OARTU-2: Packaged Outside Air Unit CFM: 3450 Model# RV-45-25S	1	EA	\$579	\$5,850	\$ 6,429
							\$ -
Subtotal (Heating, Ventilating & Air-Conditioning)							\$1,199,042
DIVISION 26- ELECTRICAL							
560		Allowance Provided for Electrical Wiring etc.Area = 67,140 SF	1	LS	\$5,125		\$ 5,125
561		Allowance Provided for Conduiting = 78720 total items No. of Light F	1	LS	\$7,634	\$26,520	\$ 34,153
Lighting Fixtures							
562		A: Wafer LED Fixture Model# WF6-LED-35K-MW Mfr: Lithonia	130	EA	\$99	\$95	\$ 25,251
563		B: Recessed LED 4" Open Light Fixture Model# LDN4SQ-35K-40LM-LS4-WR-LSS MVOLT-EZ10 Mfr: Juno	65	EA	\$83	\$155	\$ 15,484
564		BE: Recessed LED 4" Open Light Fixture W/ Battery Back up Model# LDN4SQ-35K-40LM-LS4-WR-LSS MVOLT-EZ10-EL10WCP Mfr: Juno	41	EA	\$100	\$54	\$ 6,317
565		C: Recessed LED 4" Open, Square Clear Light Fixture Model# LDN4SQ-35K-20LM-LS4-WR-LSS MVOLT-EZ10 Mfr: Juno	42	EA	\$98	\$85	\$ 7,706
566		CE: Recessed LED 4" Open, Square Clear Light Fixture W/ Battery Back up Model# LDN4SQ-35K-20LM-LS4-WR-LSS MVOLT-EZ10-EL10WCP	13	EA	\$100	\$65	\$ 2,144
567		D: 6' 12V Track w/ 5 LED Track Heads, Black Track, Electronic Driver Model# TVL-6FT-BL-TL38-TRACK Mfr: Lithonia	6	EA	\$100	\$55	\$ 926
568		F: Surface Wraparound Model# LBL4-40-EZ1-120-P835 Mfr: Lithonia	10	EA	\$82	\$125	\$ 2,074
569		F: Surface Wraparound w/ Battery Back up Model# LBL4-40-EZ1-120-P835-EL14L Mfr: Lithonia	9	EA	\$86	\$86	\$ 1,546
570		G: Recessed Wall Wash Downlight Model# LDN3SQ-30/10-LSW3-AR-LSS-MVOLT-UGZ Mfr: Lithonia	3	EA	\$107	\$79	\$ 555
571		H: Surface Vaporitte Model# VAP 4000LM FST MD MVOLT 30K 80CRI Mfr: Lithonia	2	EA	\$104	\$96	\$ 399
572		HE: Surface Vaporitte w/ Battery Back up Model# VAP 4000LM FST MD MVOLT 30K 80CRI-E15WCP Mfr: Lithonia	6	EA	\$115	\$115	\$ 1,377
573		J: 2X2 Acrylic Lens Model# 2TL-33L-FW-A12-Z1-LP835 Mfr:Lithonia	26	EA	\$93	\$125	\$ 5,671
574		J: 2X2 Acrylic Lens w/ Battery Back up Model# 2TL-33L-FW-A12-Z1-LP835-EL14L Mfr:Lithonia	25	EA	\$115	\$111	\$ 5,638
575		L: Exterior Wall Sconce, LED w/ Photocell and emergency Battery Model# WPSLL-LED-4L-30-PC120-CWBB Mfr:LSI	4	EA	\$100	\$98	\$ 791
576		Stairwell LED w/ Battery Model# WPSLL-LED-4L-30-PC120-CWBB Mfr: Lithonia	37	EA	\$107	\$49	\$ 5,738
577		L-01: Recessed LED Shallow Housing Model# L6-2330OU-G3-L600P-C Mfr: Lithonia	440	EA	\$94	\$65	\$ 69,864
578		X: Universal Exit Light Model# EXG LED EL M6 Mfr: Lithonia	68	EA	\$115	\$46	\$ 10,881
579	E-001 TO E-702	EM: Emergency Battery Model# ELM4L Mfr: Lithonia	51	EA	\$105	\$70	\$ 8,899
580		EMWP: Wet Location Emergency Battery Model# WLTU-MR Mfr: Lithonia	4	EA	\$119	\$86	\$ 818

				#DIV/0!		
581	P-LT-200: Lobby Medium Ceiling Fixture	5	EA	\$54	\$46	\$ 498
582	P-LT-205: Medium pendant at media Center	2	EA	\$82	\$66	\$ 296
583	P-LT-206: Smedium pendant at media Center	1	EA	\$69	\$86	\$ 154
584	P-LT-207: Small pendant at media Center	2	EA	\$82	\$70	\$ 304
585	P-LT-208: XSmall pendant at media Center	1	EA	\$67	\$75	\$ 142
586	P-LT-210: Corridor Wall Sconce	12	EA	\$82	\$99	\$ 2,171
587	P-LT-212: Large Cylindrical Pendant At Bar	13	EA	\$39	\$44	\$ 1,076
588	P-LT-213: Small Cylindrical Pendant At Bar	16	EA	\$53	\$54	\$ 1,719
589	P-LT-214: Mini Cylindrical Pendant At Bar	14	EA	\$53	\$58	\$ 1,560
590	P-LT-215: Large Lobby Ceiling Fixture	5	EA	\$82	\$66	\$ 742
591	P-LT-220: Castle Pendant	6	EA	\$84	\$85	\$ 1,014
592	P-LT-221: Basket Pendant Light	12	EA	\$61	\$110	\$ 2,053
					\$56	
	Power Items					
593	Bi Directional Antenna System	30	EA	\$50	\$150	\$ 5,989
594	Card Reader	5	EA	\$50	\$25	\$ 373
595	Combine Tele/Data and Duplex Receptacle	17	EA	\$32	\$5	\$ 630
596	Data Outlet	349	EA	\$33	\$2	\$ 12,224
597	Disconnect Switch	10	EA	\$38	\$6	\$ 438
598	DL	7	EA	\$47	\$55	\$ 716
599	Door Bell Annunciator and Transformer	15	EA	\$38	\$4,550	\$ 68,815
600	Door Bell Push button	15	EA	\$32	\$16	\$ 713
601	Duplex Receptacle	1179	EA	\$50	\$6	\$ 65,887
602	Duplex Receptacle- Top Half Switch	525	EA	\$49	\$7	\$ 29,062
603	Duplex Receptacle USB	6	EA	\$33	\$6	\$ 232
604	Fire Alarm Shut Down Relay	5	EA	\$32	\$16	\$ 238
605	Fire/Smoke Damper	15	EA	\$33	\$23	\$ 841
606	Flow Switch	13	EA	\$35	\$7	\$ 542
607	Flush Wall Outlet w/ Horn and Light	28	EA	\$38	\$36	\$ 2,063
608	Flush Wall Outlet w/ Speaker and Light	39	EA	\$37	\$36	\$ 2,814
609	GFI Duplex Receptacle	123	EA	\$40	\$7	\$ 5,694
610	Heat Detector	3	EA	\$52	\$16	\$ 202
611	Horn Strobe	110	EA	\$40	\$37	\$ 8,470
612	Horn W/ Light	98	EA	\$39	\$24	\$ 6,152
613	Junction Box	136	EA	\$39	\$16	\$ 7,382
614	Manual Pull Station	21	EA	\$36	\$37	\$ 1,520
615	Occupancy Sensor	13	EA	\$34	\$25	\$ 764
616	Quad Receptacle	232	EA	\$37	\$6	\$ 9,870
617	Single Switch	78	EA	\$40	\$5	\$ 3,518
618	Single Way Switch	455	EA	\$37	\$16	\$ 24,072
619	Smoke Detector	114	EA	\$36	\$37	\$ 8,289
620	Special Outlet	116	EA	\$37	\$6	\$ 4,989
621	Tamper Switch	12	EA	\$41	\$7	\$ 567
622	WAP Duplex Receptacle	51	EA	\$49	\$7	\$ 2,839
623	WP GFI Duplex Receptacle	13	EA	\$37	\$8	\$ 584
624	WP Junction Box	2	EA	\$49	\$16	\$ 129
625	WP Switch	14	EA	\$53	\$6	\$ 832
	Panel					
626	Panel 2LA, 120/208/3PH, A.I.C = 22 KA Fully Rated	2	EA	\$321	\$455	\$ 1,551
627	Panel 3LA, 120/208/3PH, A.I.C = 22 KA Fully Rated	2	EA	\$321	\$455	\$ 1,551
628	Panel 4LA, 120/408/3PH, A.I.C = 22 KA Fully Rated	2	EA	\$321	\$455	\$ 1,551
629	Panel 5LA, 120/208/3PH, A.I.C = 22 KA Fully Rated	2	EA	\$321	\$455	\$ 1,551
630	Panel 6LA, 120/208/3PH, A.I.C = 22 KA Fully Rated	2	EA	\$321	\$455	\$ 1,551
631	Panel 2HA, 120/208/3PH, A.I.C = 22 KA Fully Rated	1	EA	\$321	\$455	\$ 776
632	Panel 6LA, 120/208/3PH, A.I.C = 22 KA Fully Rated	1	EA	\$321	\$455	\$ 776
633	Panel 1PA, 120/208/3PH, A.I.C = 22 KA Fully Rated	2	EA	\$321	\$455	\$ 1,551
634	Panel 1LA, 120/208/3PH, A.I.C = 22 KA Fully Rated	1	EA	\$321	\$455	\$ 776
635	Panel 3HA, 120/208/3PH, A.I.C = 22 KA Fully Rated	1	EA	\$321	\$455	\$ 776
636	Panel 6LB, 120/208/3PH, A.I.C = 22 KA Fully Rated	2	EA	\$321	\$455	\$ 1,551
637	Panel 1PB, 120/208/3PH, A.I.C = 22 KA Fully Rated	1	EA	\$321	\$455	\$ 776
638	Panel K1A, 120/208/3PH/42, A.I.C = 22 KA Fully Rated	1	EA	\$321	\$455	\$ 776
639	Panel 4HA, 120/208/3PH, A.I.C = 22 KA Fully Rated	1	EA	\$321	\$725	\$ 1,046
640	Panel 5HA, 120/208/3PH, A.I.C = 22 KA Fully Rated	1	EA	\$321	\$565	\$ 886
641	Panel 2LB, 120/208/3PH, A.I.C = 22 KA Fully Rated	2	EA	\$321	\$555	\$ 1,751
642	Panel 3LB, 120/208/3PH, A.I.C = 22 KA Fully Rated	2	EA	\$321	\$425	\$ 1,491
643	Panel 4LB, 120/208/3PH, A.I.C = 22 KA Fully Rated	2	EA	\$321	\$625	\$ 1,891
644	Panel 5LB, 120/208/3PH, A.I.C = 22 KA Fully Rated	2	EA	\$321	\$452	\$ 1,545
645	Panel 1HA, 120/208/3PH, A.I.C = 22 KA Fully Rated	1	EA	\$321	\$540	\$ 861
646	Panel 1HB, 120/208/3PH, A.I.C = 22 KA Fully Rated	1	EA	\$321	\$415	\$ 736
647	Panel 1HC RainTight, 120/208/3PH, A.I.C = 22 KA Fully Rated	1	EA	\$321	\$525	\$ 846
648	Panel E, 120/208/3PH, A.I.C = 22 KA Fully Rated	1	EA	\$321	\$444	\$ 765
649	MSWD-A, 120/208V, 728.75 KVA Connected Load	1	EA	\$321	\$428	\$ 749
650	MSWD-B, 120/208V, 1307 KVA Connected Load	1	EA	\$321	\$550	\$ 871
	Site Electrical Works					
651	Emergency Generator	1	EA	\$305	\$2,550	\$ 2,855
652	In Ground Pull box 13"x24"x12"D	3	EA	\$61	\$26	\$ 260
653	Utility Company Transformer	1	EA	\$50	\$5,665	\$ 5,715
654	Site PIV	1	EA	\$763	\$23	\$ 786
655	WP GFI Receptacle	1	EA	\$50	\$6	\$ 55
656	Single Pole Weatherproof Switch	1	EA	\$82	\$5	\$ 87
657	Disconnect Switch	1	EA	\$49	\$15	\$ 64
658	1LA-17	4	EA	\$153	\$36	\$ 755
659	1LA-19	3	EA	\$153	\$36	\$ 566

DIVISION 33- UTILITIES

		Pool					
699		Pool Area	876	SF	\$4		\$ 3,128
		Equipment					
700		Spa Heater, LOCHINVAR ERN-402	1	EA	\$170	\$254	\$ 424
701		SPA Collectiono Tank	1	EA	\$340	\$155	\$ 495
702		Chemical Storage Pool and Spa	4	EA	\$374	\$215	\$ 2,356
		Services					
703		12" x 12" Main Drain Lawson	1	EA	\$55	\$410	\$ 465
704		Ladder	1	EA	\$43	\$151	\$ 194
705		Skimmers	3	EA	\$60	\$220	\$ 839
706		1.5" Dia pipe	79	LF	\$40	\$7	\$ 3,656
707		2" Dia Pipe	92	LF	\$38	\$7	\$ 4,106
708		3" Dia Pipe	27	LF	\$60	\$9	\$ 1,856
709		4" Dia Pipe	13	LF	\$66	\$10	\$ 1,024
710		8" Dia Pipe	75	LF	\$79	\$11	\$ 6,698
711		Depth Mark	9	EA	\$9	\$5	\$ 122
712		No diving Mark	9	EA	\$9	\$5	\$ 122
713		Handrail	15	LF	\$27	\$16	\$ 641
714		Underwater lights	2	EA	\$43	\$26	\$ 136
715		Wall returns	5	EA	\$55	\$115	\$ 851
716		Adjustable Floor Returns	2	EA	\$38	\$210	\$ 497
717		Level	1	EA	\$56	\$5	\$ 61
		SPA					
718		Spa Area	101	SF	\$4	\$0	\$ 360
		Services					
719		Inlets	3	EA	\$43	\$550	\$ 1,778
720		skimmer	1	EA	\$20	\$220	\$ 240
721	1 TO 7	main drain	1	EA	\$17	\$1,550	\$ 1,567
722		light	1	EA	\$54	\$25	\$ 79
723		level	1	EA	\$20	\$5	\$ 25
724		Spa Jet	8	EA	\$26	\$16	\$ 328
725		2" Dia Pipe	61	LF	\$59	\$3	\$ 3,800
726		1 1/2" Dia Pipe	155	LF	\$36	\$4	\$ 6,083
727		Handrail	13	LF	\$28	\$16	\$ 552
		Fixtures					
728		Main Lug Breaker Panel	1	EA	\$340	\$155	\$ 495
729		GFCI	2	EA	\$36	\$6	\$ 82
730		Spa Light	1	EA	\$36	\$25	\$ 61
		SPA					
731		Recirculation Pump	1	EA	\$204	\$450	\$ 654
732		Therapy Pump	1	EA	\$255	\$352	\$ 607
733		Chemical Controller	1	EA	\$37	\$155	\$ 192
734		Chlorine Feeder Pump	1	EA	\$170	\$365	\$ 535
735		Acid Feeder Pump	1	EA	\$170	\$455	\$ 625
736		Gas Heater Ignition	1	EA	\$255	\$51	\$ 306
		POOL					
737		Recirculation Pump	1	EA	\$255	\$450	\$ 705
738		Vacuum / Feature Pump	1	EA	\$255	\$255	\$ 510
739		Chlorine Feeder Pump	1	EA	\$255	\$365	\$ 620
740		Acid Feeder Pump	1	EA	\$255	\$455	\$ 710
741		Pool Lights	3	EA	\$255	\$25	\$ 840
		Panel					
742		1 Phase 3 Wire, 120/240 VAC, Insulated/Bondable Split Neutral Total Maximum Load: 73.1	1	EA	\$680	\$426	\$ 1,106
Subtotal (Utilities)							\$50,530

		PROJECTED COST		\$	9,011,501
		OVERHEAD	25%	\$	2,252,875
		CONTIGENCY	7%	\$	630,805
		INSURANCE	5%	\$	450,575

SUGGESTED BID \$ **12,345,756**

Notes: