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GRACE LUTHERAN SCHOOL ADDITION

320 BATES AVENUE, SE WINTER HAVEN, FLORIDA 33880

OWNER

ARCHITECT

ADDENDA

Addendum Issued: NONE

Please review any Addendum issued after Date
03/12/2022

ID: 1671

BIDDER NAME: _____



S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	Calc.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
								MHrs/ Unit	\$/Hour	(\$Per Unit)				
			042000	UNIT MASONRY										
				CMU WALL										
73				Rebar's (Grade 60)	21210	21208.258	LB							
74				(8" THK) CMU Wall.	18445	18441.964	SF							
				Subtotal										
			050000	DIVISION 05 - METAL										
			051200	STRUCTURAL STEEL										
75				(14"x14"x1-1/4") Steel plate. (15 EA)	1040	1040.0603	LB							
76				HSS6x6x3/8 (30 EA)	11816	11816.125	LB							
77				W8x18	15110	15110.28	LB							
78				W10x19	12185	12184.51	LB							
79				W12x19	34319	34318.75	LB							
80				W12x14	346	346.08	LB							
81				W14x22	18823	18823.2	LB							
82				W14x26	1153	1152.84	LB							
83				W16x26	10566	10566.14	LB							
84				W16x31	5847	5846.29	LB							
85				W16x40	871	870.8	LB							
86				W21x44	9998	9997.24	LB							
87				W21x62	5265	5265.04	LB							
88				W16x31	1338	1337.65	LB							
89				W18x35	9774	9773.75	LB							
90				W18x40	3106	3106	LB							
91				W24x55	1990	1989.9	LB							
92				W24x68	17076	17075.48	LB							
93				L5x3x1/4	1640	1639.36	LB							
94	A-121 to			(3-5/8") Bulkhead soffit framing.	4330	4325.7772	LF							
95	A-122			(6") Bulkhead soffit framing.	60	59.34	LF							
				GWb FURRING WALL (1047 LF):										
96	A-101 &			(1-1/2") (25 GA.) ZEE Furring @ 16" O.C	11525	11524.561	LF							
97	A-103			(1-1/2") Top & bottom track.	2094	2094	LF							
				GWb FURRING WALL (121 LF):										
98	A-101 &			(3-5/8") 20 GA. Metal furring stud @ 16" O.C	1300	1298.8089	LF							
99	A-103			(3-5/8") 20 GA. Top & bottom track.	242	242	LF							
				GWb FURRING WALL (22 LF):										
100	A-101 &			(6") 20 GA. Metal furring stud @ 16" O.C	220	216.43351	LF							
101	A-103			(6") 20 GA. Top & bottom track.	44	44	LF							
				GWb WALL (1075 LF):										
102	A-101 &			(3-5/8") 20 GA. Metal stud @ 16" O.C	11610	11605.788	LF							
103	A-103			(3-5/8") 20 GA. Top & bottom track.	2150	2150	LF							
				GWb WALL W/ INSULATION (84 LF):										
104	A-101 &			(3-5/8") 20 GA. Metal stud @ 16" O.C	1105	1103.7337	LF							
105	A-103			(3-5/8") 20 GA. Top & bottom track.	168	168	LF							
				GWb WALL (46 LF):										
106	A-101 &			(6") 20 GA. Metal stud @ 16" O.C	565	564.2822	LF							
107	A-103			(6") 20 GA. Top & bottom track.	92	92	LF							
			053000	METAL DECK										
108	S-101 to			(1-1/2" THK) Metal pan stair.	875	872.63	SF							
109	S-104			(1.5VL) 20 GA. Composite deck.	27520	27516.87	SF							
			055000	METAL FABRICATIONS										
110				MISC. ITEMS.	1		LS							
			057000	ORNAMENTAL METAL										
111	A101 TO			(42" H) Hand rail.	200	193.71	LF							
112	A201			(42" H) Guard rail.	55	52.63	LF							
113				(7H) Decorative fence.	186	185.54	LF							
				Subtotal										
			060000	DIVISION 06 - WOOD, PLASTIC AND COMPOSITES										
			061000	ROUGH CARPENTRY										
114	S-104			(5/8") CDX Plywood roof sheathing.	1480	1477.95	SF							
			064100	ARCHITECTURAL WOOD CASEWORK										
115				(114"Lx2"Dx2'10"H) Base cabinet. (1 EA)	32	32.0639	SF							
116				(3'Lx2'Dx2'10"H) Base cabinet. (24 EA)	204	203.76	SF							
117				(11'10"Lx2'Dx2'10"H) Base cabinet. (1 EA)	33	33.4789	SF							
118				(4'9"Lx2'Dx2'10"H) Base cabinet. (1 EA)	13	13.4425	SF							
119				(17'Lx2'Dx2'10"H) Base cabinet. (1 EA)	48	48.11	SF							
120				(18'9"Lx2'Dx2'10"H) Base cabinet. (1 EA)	53	53.0625	SF							
121				(5'Lx2'Dx2'10"H) Base cabinet. (1 EA)	14	14.15	SF							
122				(12'7"Lx2'Dx2'10"H) Base cabinet. (1 EA)	36	35.6014	SF							
123				(4'10"Lx2'Dx2'10"H) Base cabinet. (4 EA)	55	54.6756	SF							
124				(9'Lx2'Dx2'10"H) Base cabinet. (2 EA)	51	50.94	SF							
125				(10'10"Lx2'Dx2'10"H) Base cabinet. (2 EA)	61	61.2978	SF							
126				(4'10"Lx1'Dx2'6"H) Wall cabinet. (4 EA)	48	48.3	SF							
127				(9'Lx1'Dx2'6"H) Wall cabinet. (2 EA)	45	45	SF							
128				(10'10"Lx1'Dx2'6"H) Wall cabinet. (2 EA)	54	54.15	SF							
129				(17'Lx1'Dx2'6"H) Wall cabinet. (1 EA)	43	42.5	SF							
130				(11'4"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	28	28.325	SF							
131				(11'10"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	30	29.575	SF							
132				(4'9"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	12	11.875	SF							
133				(5'Lx1'Dx2'6"H) Wall cabinet. (1 EA)	13	12.5	SF							
134				(18'9"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	47	46.875	SF							
				Subtotal										
			070000	DIVISION 07 - THERMAL AND MOISTURE PROTECTION										
				ROOFING										
135	A101 TO			(MIN R-30) Ridgid insulation.	12355	12351.51	SF							
136	A201			Asphalt shingle	12355	12351.51	SF							
137				Standing seam metal roofing system	1490	1486.4	SF							
				GWb FURRING WALL (1047 LF):										
138	A-101 &			(1-1/2") Rigid insulation board.	13705	13704.486	SF							
139	A-101 &			GWb WALL W/ INSULATION (84 LF):										
	A-103			(3-1/2") Batt insulation.	1450	1448.1722	LF							
				Subtotal										
			080000	DIVISION 08 - OPENING										
140	A101 TO			Pre finished aluminum awning.	145	144.8	SF							
	A201													
			082100	WOOD DOORS										
141	A101 TO			(3'-0" W x 7'-0" H) Wood door & frame. (58 EA)	1218	1218	SF							
142	A201			(6'-0" W x 7'-0" H) Wood door & frame. (5 EA)	210	210	SF							
			084200	FIRE RATED STEEL FRAMED ENTRANCES AND STOREFRONTS										
143				(11'8"Wx22'6"H) Aluminum storefront. (2 EA)	525	525.15	SF							
144	A101 TO			(12'8"Wx10'8"H) Aluminum storefront. (1 EA)	135	135.1889	SF							
145	A201			(9'Wx10'H) Aluminum storefront. (1 EA)	90	90	SF							
146				(8'Wx10'H) Aluminum storefront. (2 EA)	160	160	SF							

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								MHrs/ Unit	\$/Hour	(\$Per Unit)				
147				(12Wx10'H) Aluminum storefront. (3 EA)	360	360	SF							
			085113	ALUMINUM WINDOWS										
148	A101 TO A201			(4'3"Wx10'6"H) Aluminum window. (28 EA)	1250	1249.5	SF							
149				(5'4"Wx13'4"H) Aluminum window. (2 EA)	145	142.0978	SF							
150				(3'8"Wx16'10"H) Aluminum window. (1 EA)	62	61.7661	SF							
			087100	FINISH HARDWARE										
151	A101 TO A201			Door hardware. (63 EA)	63	63	SET							
				Subtotal										
			090000	DIVISION 09 - FINISHES										
152	A101 TO A201			Cooler/ Freezer panel ceiling panels.	190	189.84	SF							
153				Beige brick W/ Red brick accents.	8407	8406.6637	SF							
154				Exterior wall stucco finish.	4629	4628.905	SF							
155				(8"x8") Pre-Cast concrete molding.	1308	1307.71	LF							
156				Prefinished aluminum cap flashing over continuous cleat.	783	782.79	LF							
			092600	GYPSUM BOARD ASSEMBLIES										
157	A-101 & A-103			GWB FURRING WALL (1047 LF):										
				(5/8", 1-Layer) Gyp. Bd. one side.	13705	13704.486	SF							
158	A-101 & A-103			GWB FURRING WALL (121 LF):										
				(5/8", 1-Layer) Gyp. Bd. one side.	1695	1692.8779	SF							
159	A-101 & A-103			GWB FURRING WALL (22 LF):										
				(5/8", 1-Layer) Gyp. Bd. one side.	275	272.06598	SF							
160	A-101 & A-103			GWB WALL (1075 LF):										
				(5/8", 1-Layer) Gyp. Bd. both side.	30835	30833.502	SF							
161	A-101 & A-103			GWB WALL W/ INSULATION (84 LF):										
				(5/8", 1-Layer) Gyp. Bd. both side.	2900	2896.3443	SF							
162	A-101 & A-103			GWB WALL (46 LF):										
				(5/8", 1-Layer) Gyp. Bd. both side.	1380	1380.5486	SF							
163	A-101 & A-103			GWB BLUKHEAD WALL (441 LF):										
				(5/8", 1-Layer) Gyp. Bd. one side.	450	441	SF							
164	A101 TO A201			GWB CEILING										
				GWB ceiling.	4500	4500.3848	SF							
			093100	CERAMIC / PORCELAIN TILING										
165	A101 TO A201			Ceramic floor tile.	860	857.01	SF							
			095100	ACOUSTICAL CEILINGS										
166	A101 TO A201			Acoustical ceiling.	13505	13504.5	SF							
			096000	FLOORING										
167	A101 TO A201			Concrete paver.	7818	7818.25	SF							
168				Luxury vinyl tile floor. (Assumed)	17335	17332.16	SF							
169				(4" H) Wall base.	3405	3404.14	LF							
			099100	PAINTING										
170	A-101 & A-103			GWB Wall paint.	49240	49240	SF							
171				CMU Wall paint.	6145	6142	SF							
172				GWB Ceiling paint.	4500	4500.3848	SF							
173				Expose structure paint.	9442	9442	SF							
174				Exterior wall stucco paint.	4629	4628.905	SF							
175				(42" H) Hand rail paint.	200	197.46	LF							
176				(42" H) Guard rail paint.	55	52.63	LF							
177				Door & frame paint										
				Door paint. (2856 SF)	63	63	EA							
178				Frame paint. (386 SF)	63	63	EA							
				Subtotal										
			100000	DIVISION 10 - SPECIALTIES										
179				Elevator (2-Stops)	1	1	EA							
180				Urinal screen	2		LF							
181				RR Compartment wall	68		LF							
			108100	TOILET AND BATH ACCESSORIES										
182				Coat hook.	8		EA							
183				Tissue paper dispenser.	10		EA							
184				Soap dispenser	12		EA							
185				(2'-6" W x 3'-0" H) Mirror	12		EA							
186				(18") S.S Grap bar.	8		EA							
187				(36") S.S Grap bar.	8		EA							
188				(42") S.S Grap bar.	8		EA							
				Subtotal										
			110000	DIVISION 11 - EQUIPMENT										
189				Refrigerator	1	1	EA							
190				MICROWAVE OVEN (Assumed)	1		EA							
				Subtotal										
			120000	DIVISION 12 - FURNISHING										
191				LOCKERS	140	1	EA							
192				LOBBY SINGLE SOFA	4	4	EA							
193				OFFICE CHAIR	2	2	EA							
194				(2'8"Wx5') OFFICE TABLE W/ 2 CHAIRS	3	3	EA							
195				(2'Wx52") OFFICE TABLE W/ CHAIR	3	3	EA							
196				(1'6"Wx6') OFFICE TABLE	3	3	EA							
197				ROUND DINNING TABLE W/ 4 CHAIRS	1	1	EA							
198				(2'x12') CONFERENCE TABLE W/ 4 CHAIRS	2	2	EA							
199				(2'x6') CONFERENCE TABLE W/ 2 CHAIRS	1	1	EA							
200				CLINIC SOFA	2	2	EA							
201				(4'4"x2') CLINIC BENCH	1	1	EA							
202				(15'x4') BREAK ROOMTABLE W/ 8 CHAIRS	1	1	EA							
203				(2'X2'5") BREAKROOM BENCH	1	1	EA							
204				CLASSROOM CHAIR	125	125	EA							
205				(26"x10') SCEINCE LAB TABLE W/ 4 CHAIRS	6	6	EA							
206				(5'x52") COLLAB TABLE W/ 4 CHAIRS	3	3	EA							
207				THREE SEAT SOFA COLLAB ROOM	2	2	EA							
208				SINGLE SOFA COLLAB ROOM	8	8	EA							
209				CLASSROOM ROUND TABLE W/ 6 CHAIRS	6	6	EA							
210				(26"x5') TEACHER TABLE	5	5	EA							
				Subtotal										
			150000	DIVISION 15 - HEATING, VENTILATING, AND AIR- CONDITIONING (HVAC)										
211				(VAV-2-3)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
212				(VAV-2-2)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
213				(VAV-2-4)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							

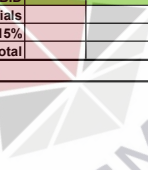
S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	Calc.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
								MHrs/ Unit	\$/Hour	(\$Per Unit)				
214				(VAV-2-12)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
215				(VAV-2-5)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
216				(VAV-2-6)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
217				(VAV-2-11)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
218				(VAV-1-10)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
219				(VAV-2-7)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
220				(VAV-2-8)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
221				(VAV-2-9)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
222				(VAV-2-1)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
223				(MS-2)- DX Minisplit, Manuf: Trane (4MXW8509A) (CU-2)- DX Minisplit-Outdoor Unit, Manuf: Trane (4TXM6536A).	1	1	EA							
224				(VAV-1-7)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
225				(VAV-1-2)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
226				(VAV-1-3)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
227				(VAV-1-8)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
228				(VAV-1-6)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
229				(VAV-1-5)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
230				(VAV-1-1)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
231				(VAV-1-4)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
232				(MS-1)- DX Minisplit, Manuf: Trane (4MXW8509A) (CU-1)- DX Minisplit-Outdoor Unit, Manuf: Trane (4TXM6536A).	1	1	EA							
233				(VAV-2-13)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
234				(AHU-1)- Air Handling Unit, Manuf: Trane (CSIA012)	1	1	EA							
235				(AHU-2)- Air Handling Unit, Manuf: Trane (CSIA012)	1	1	EA							
236				(ACCU-1)- Air-Cooled Condensing Unit, Manuf: Trane.	1	1	EA							
237				(ACCU-2)- Air-Cooled Condensing Unit, Manuf: Trane.	1	1	EA							
238				(EF-1)- Exhaust Fan, Manuf: Greenheck (G-099).	1	1	EA							
239				(EF-2)- Exhaust Fan, Manuf: Greenheck (G-099).	1	1	EA							
240				(EF-3)- Exhaust Fan, Manuf: Greenheck (G-099).	1	1	EA							
241				Louver Dormer	2		EA							
242				Connect To Existing Exhaust System	1	1	EA							
243				Install New Intake Air Louver. Connect To Existing System.	1	1	EA							
244				Allowances for air Diffusers, Grilles & dampers	1		LS							
245				Allowances for Metal ducts and accessories	1		LS							
				Subtotal										
			150000	DIVISION 15 - PLUMBING										
246				CONFERENCE ROOM SINK (Assumed)	1	1	EA							
247				BREAK ROOM SINK (Assumed)	1	1	EA							
248				CLASSROOM SINK (Assumed)	6	6	EA							
249				CLINIC SINK (Assumed)	1	1	EA							
250				Drinking fountain (Assumed)	1	1	EA							
251				Lavatory (Assumed)	2	2	EA							
252				Water closet (Assumed)	2	2	EA							
253				(WC-1)- Floor Mounted Water Closet, Battery Sensor Vitreous China, 1.28 Gallon, China-American - 2234.001.020, Flush Valve- American Standard- 6065121.002 Seat-Bemis- 1665-SS.	6	6	EA							
254				(WC-2)- Floor Mounted Water Closet, Battery Sensor Vitreous China, 1.28 Gallon, China-American - 3043.001.020, Flush Valve- American Standard- 6065121.002 Seat-Bemis- 1665-SS.	6	6	EA							
255				(L-1)- Self-Rimming Lavatory, Battery Sensor Faucet, Chine-American Standard- 0476-028, Faucet- T&S Brass- EC3100-4DP-VF09, Strain/Trap- MCGUIRE- 155A/8902, Supplies-MCGUIRE-2165CC.	4	4	EA							
256				(L-2)- Wall Hung Lavatory, Battery Sensor Faucet, Vitreous China Lavatory, (20"x18"), Punched For Single Hole.HW&CW Checks And Mechanical Mixing Valve. China-American Standard - 0355.012, Faucet Brass, EC3100-4DP-2125WC.	6	6	EA							
257				(U-1)- Wall Hung Urinal, Battery Sensor. Chine-American Standard - 6590125.020. Flush Valve- American Standard - 6063013-002.	1	1	EA							
258				(U-2)- Wall Hung Accessible Urinal,Battery Sensor. Chine-American Standard - 6590125.020. Flush Valve- American Standard - 6063013-002.	1	1	EA							
259				Exterior sanitary cleanout	1	1	EA							
260				10 Gal. 3kw Electric water heater	1	1	EA							
261				Thermal expansion tank - Amtrol ST-12	2	2	EA							
262				Vacuum relief valve	1	1	EA							
263				(1/2") calibrated balancing Valve w/ positive shutt-Off Armstrong	1	1	EA							
264				Recirculation pump	1	1	EA							
265				Thermostatic mixing valve set discharge - Powers - Model: LM491-1	1	1	EA							
266				Tank drain valve	1	1	EA							
267				(1-1/2") High Gal. steel pan	1	1	EA							
268				Temp & pressure relief valve	1	1	EA							
269				Check valve	5	5	EA							
270				Ball valve	4	4	EA							
271				Water heater stand - Oatey 34057	1	1	EA							
272				Caliberated balancing valve	1	1	EA							
273				Shutt off valve	38		EA							
274				Roof drain (Assumed)	4		EA							
275				Fire Sprinkler system	1		LS							
				DOMESTIC WATER PIPING COPPER TYPE "L"										
276				(2"Dia) Domesting Cold Water Pipe	195	187.02	LF							
277				(1-1/2"Dia) Cold Water Pipe	65	60.64	LF							
278				(1"Dia) Cold Water Pipe	52		LF							
279				(3/4"Dia) Cold Water Pipe	40		LF							
280				(1/2"Dia) Cold Water Pipe	240		LF							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	Calc.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
								MHrs/ Unit	\$/Hour	(\$Per Unit)				
356				DETECTABLE WARNING SURFACE	70	69.50	SF							
357				CONCRETE CURB (6"x18" ASSUMED)	875	872.30	LF							
			321700	PAVEMENT MARKING										
358				HANDCAP PARKING SIGN	8		EA							
359	SHEET 7			4"W PARKING STRIPES	695	694.10	LF							
360				ARROW PAVEMENT MARKING	14		EA							
			328000	IRRIGATION										
361	SHEET 4			IRRIGATION PIPE LINE (2" DIA, PVC ASSUMED)	12	11.90	LF							
362				IRRIGATION BACK FLOW PREVENTOR	1	1.00	EA							
			329000	PLANTING										
				PARKING CANOPY TREE										
363				LIVE OAK, 10'H, 2" DBH	29		EA							
				PARKING ISLAND TREES										
364				SWEET BAY MANGOLIA, 8'H, 2" DBH	1		EA							
365				DAHOON HOLLY, 8'H, 2" DBH	1		EA							
366				EAST PALATKA HOLLY, 8'H, 2" DBH	1		EA							
				BUFFER OVER STORY TREE										
367				MACROPHYL PODOCARPUS, 8'H, 2" DBH	1		EA							
368				EAST PALATKA HOLLY, 10'H, 2" DBH	1		EA							
369				LIQUSTRUM LUCIDUM, 10'H, 2" DBH	1		EA							
370				SOUTHERN REDCEDAR, 10'H, 2" DBH	1		EA							
				BUFFER UNDER STORY TREE										
371				MYRTLE OAK, 8'H, 2" DBH	1		EA							
372				SOUTHERN REDCEDAR, 8'H, 2" DBH	1		EA							
373				SAND LIVE OAK, 8'H, 2" DBH	1		EA							
374	SHEET 6			SCRUBY HICKORY, 8'H, 2" DBH	1		EA							
				LARGE SHRUB										
375				SILVER BUCKTHORN, 4H, 3 GAL @ 36" O.C.	1		EA							
376				SCRUBY HOLLY, 4H, 3 GAL @ 36" O.C.	1		EA							
377				RUSTY LYONIA, 4H, 3 GAL @ 36" O.C.	1		EA							
378				SILK BAY, 4H, 3 GAL @ 36" O.C.	1		EA							
				SMALL/MEDIUM SHRUB										
379				GARBERIA, 12"H	1		EA							
380				ST.JOHN'S WORT	1		EA							
381				SAW PALMETTO	1		EA							
382				DWARF SHORE JUNIPER	1		EA							
				NOTE: QUANTITIES OF TREE & SHRUBS NOT GIVEN ON DRAWING EXCEPT PARKING CANOPY TREES, SO 1EA QTY. ASSUMED FOR OTHER TREE & SHRUBS FOR PRICING PROVISION										
383				CYPRESS MULCH @ NEW SHRUBS PLANTINGS	1		LS							
384				SOD ALL DISTURBED AREA WHERE NO TREE & SHRUBS PLANTED WITH BAHIA SOD	1		LS							
				Subtotal										
			330000	UTILITIES										
			331000	WATER UTILITIES										
385				2", SCH 40, PVC WATER SERVICE	110	108.90	LF							
386				2" GATE VALVE	2	2.00	EA							
387				6"x2" WET TAP	1	1.00	EA							
388				2" WATER METER	2	2.00	EA							
389				RPZ BFP: BACK FLOW PREVENTOR	1	1.00	EA							
				FIRE										
390	SHEET 4			UNDERGROUND FIRE LINE & RISER (4" PVC ASSUMED)	93	92.50	LF							
391				AUTOMATIC FIRE SPRINKLER SYSTEM WET TAP	1	1.00	EA							
392				DDCV BFP: BACK FLOW PREVENTOR	1	1.00	EA							
393				FIRE DEPARMENT CONNECTION (FDC)	1	1.00	EA							
394				EXCAVATION	40		CY							
395				BEDDING	5		CY							
396				TRENCH SPOIL EXPORT	1		CY							
397				BACK FILLING	35		CY							
			331000	SANITARY SEWER										
398				6" SDR-26 PVC SANITARY SEWER SERVICE	140	139.40	LF							
399				CLEANOUT	3		EA							
400				SAWCUT ROADWAY	106	106.00	LF							
401	SHEET 4			OPEN CUT AND REPAIR ROADWAY	431	430.20	SF							
402				VERIFY AND INSTALL SEWER TAP	1		EA							
403				EXCAVATION	63		CY							
404				BEDDING	9		CY							
405				TRENCH SPOIL EXPORT	1		CY							
406				BACK FILLING	53		CY							
			331000	STORM DRAINAGE										
407				STORMTECH OUTFALL TO SW OR NW (6" DIA, PVC ASSUMED)	516	515.30	LF							
408	SHEET 5			STORMTECH CHAMBERS DRAINAGE SYSTEM AREA (11600 SF)	1	11596.50	LS							
409				EXCAVATION	188		CY							
410				BEDDING	24		CY							
411				TRENCH SPOIL EXPORT	1		CY							
412				BACK FILLING	164		CY							
			337000	ELECTRICAL UTILITIES										
413	SHEET 6			SITE LIGHTING: FOR PARKING AND LOADING AREAS DESIGNATED OR INTENDED FOR PUBLIC USE	1		LS							
				Subtotal										
				</										

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	Calc.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
								MHrs/ Unit	\$/Hour	(\$Per Unit)				
503	A-103			(6") 20 GA. Metal stud @ 16" O.C	665	660.93202	LF							
504				(6") 20 GA. Top & bottom track.	108	108	LF							
			053000	METAL DECK										
505	S-101 to			(1-1/2" THK) Metal pan stair.	875	872.63	SF							
506	S-104			(1.5VL) 20 GA. Composite deck.	27520	27516.87	SF							
			055000	METAL FABRICATIONS										
507				MISC. ITEMS.	1		LS							
			057000	ORNAMENTAL METAL										
508	A101 TO A201			(42" H) Hand rail.	200	193.71	LF							
509				(42" H) Guard rail.	55	52.63	LF							
510				(7H) Decorative fence.	186	185.54	LF							
				Subtotal										
			060000	DIVISION 06 - WOOD, PLASTIC AND COMPOSITES										
			061000	ROUGH CARPENTRY										
511	S-104			(5/8") CDX Plywood roof sheathing.	1480	1477.95	SF							
			064100	ARCHITECTURAL WOOD CASEWORK										
512	A101 TO A201			(114"Lx2"Dx2'10"H) Base cabinet. (1 EA)	32	32.0639	SF							
513				(3'Lx2'Dx2'10"H) Base cabinet. (24 EA)	204	203.76	SF							
514				(11'10"Lx2'Dx2'10"H) Base cabinet. (1 EA)	33	33.4789	SF							
515				(4'9"Lx2'Dx2'10"H) Base cabinet. (1 EA)	13	13.4425	SF							
516				(17'Lx2'Dx2'10"H) Base cabinet. (1 EA)	48	48.11	SF							
517				(16'Lx2'Dx2'10"H) Base cabinet. (1 EA)	45	45.28	SF							
518				(5'10"Lx2'Dx2'10"H) Base cabinet. (1 EA)	16	16.4989	SF							
519				(11'Lx2'Dx2'10"H) Base cabinet. (1 EA)	31	31.13	SF							
520				(142"Lx2'Dx2'10"H) Base cabinet. (1 EA)	40	40.0728	SF							
521				(142"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	35	35.4	SF							
522				(16'Lx1'Dx2'6"H) Wall cabinet. (1 EA)	40	40	SF							
523				(5'10"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	15	14.575	SF							
524				(18'9"Lx2'Dx2'10"H) Base cabinet. (1 EA)	53	53.0625	SF							
525				(5'Lx2'Dx2'10"H) Base cabinet. (1 EA)	14	14.15	SF							
526				(12'7"Lx2'Dx2'10"H) Base cabinet. (1 EA)	36	35.6014	SF							
527				(4'10"Lx2'Dx2'10"H) Base cabinet. (4 EA)	55	54.6756	SF							
528				(9'Lx2'Dx2'10"H) Base cabinet. (2 EA)	51	50.94	SF							
529				(10'10"Lx2'Dx2'10"H) Base cabinet. (2 EA)	61	61.2978	SF							
530				(4'10"Lx1'Dx2'6"H) Wall cabinet. (4 EA)	48	48.3	SF							
531				(10'10"Lx1'Dx2'6"H) Wall cabinet. (2 EA)	54	54.15	SF							
532				(17'Lx1'Dx2'6"H) Wall cabinet. (1 EA)	43	42.5	SF							
533				(11'4"Lx1'Dx2'6"H) Wall cabinet. (2 EA)	57	56.65	SF							
534				(11'10"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	30	29.575	SF							
535				(5'Lx1'Dx2'6"H) Wall cabinet. (1 EA)	13	12.5	SF							
				Subtotal										
			070000	DIVISION 07 - THERMAL AND MOISTURE PROTECTION										
				ROOFING										
536	A101 TO A201			(MIN R-30) Rigid insulation.	12355	12351.51	SF							
537				Asphalt shingle	12355	12351.51	SF							
538	A-101 & A-103			Standing seam metal roofing system	1490	1486.4	SF							
539				GWB FURRING WALL (994 LF):										
540				(1-1/2") Rigid insulation board.	12840	12836.026	SF							
				GWB WALL W/ INSULATION (117 LF):										
				(3-1/2") Batt insulation.	2025	2025.881	LF							
				Subtotal										
			080000	DIVISION 08 - OPENING										
541	A101 TO A201			Pre finished aluminum awning.	145	144.8	SF							
			082100	WOOD DOORS										
542	A101 TO			(3'-0" W x 7'-0" H) Wood door & frame. (56 EA)	1176	1176	SF							
543	A201			(6'-0" W x 7'-0" H) Wood door & frame. (4 EA)	168	168	SF							
			084200	FIRE RATED STEEL FRAMED ENTRANCES AND STOREFRONTS										
544	A101 TO A201			(11'8"Wx22'6"H) Aluminum storefront. (2 EA)	525	525.15	SF							
545				(12'8"Wx10'8"H) Aluminum storefront. (1 EA)	135	135.1889	SF							
546				(9'Wx10'H) Aluminum storefront. (1 EA)	90	90	SF							
547				(8'Wx10'H) Aluminum storefront. (2 EA)	160	160	SF							
548				(5'3"Wx9'H) Aluminum storefront. (1 EA)	50	47.25	SF							
549				(12'Wx10'H) Aluminum storefront. (3 EA)	360	360	SF							
			085113	ALUMINUM WINDOWS										
550	A101 TO A201			(4'3"Wx10'6"H) Aluminum window. (28 EA)	1250	1249.5	SF							
551				(5'4"Wx13'4"H) Aluminum window. (1 EA)	71	71.0489	SF							
552				(3'8"Wx16'10"H) Aluminum window. (1 EA)	62	61.7661	SF							
			087100	FINISH HARDWARE										
553	A101 TO A201			Door hardware. (60 EA)	60	1	SET							
				Subtotal										
			090000	DIVISION 09 - FINISHES										
554	A101 TO A201			Cooler/ Freezer panel ceiling panels.	190	189.84	SF							
555				Beige brick W/ Red brick accents.	8407	8406.6637	SF							
556				Exterior wall stucco finish.	4629	4628.905	SF							
557				(8"x8") Pre-Cast concrete molding.	1308	1307.71	LF							
558				Prefinished aluminum cap flashing over continuous cleat.	783	782.79	LF							
			092600	GYP SUM BOARD ASSEMBLIES										
559	A-101 & A-103			GWB FURRING WALL (994 LF):										
				(5/8", 1-Layer) Gyp. Bd. one side.	12840	12836.026	SF							
560	A-101 & A-103			GWB FURRING WALL (115 LF):										
				(5/8", 1-Layer) Gyp. Bd. one side.	1600	1599.993	SF							
561	A-101 & A-103			GWB FURRING WALL (22 LF):										
				(5/8", 1-Layer) Gyp. Bd. one side.	275	272.06598	SF							
562	A-101 & A-103			GWB WALL (1056 LF):										
				(5/8", 1-Layer) Gyp. Bd. both side.	30300	30296.77	LF							
563	A-101 & A-103			GWB WALL W/ INSULATION (117 LF):										
				(5/8", 1-Layer) Gyp. Bd. both side.	4050	4051.7621	LF							
564	A-101 & A-103			GWB WALL (54 LF):										
				(5/8", 1-Layer) Gyp. Bd. both side.	1645	1641.187	LF							
565	A-101 & A-103			GWB BLUKHEAD WALL (441 LF):										
				(5/8", 1-Layer) Gyp. Bd. one side.	450	441	SF							
566	A101 TO A201			GWB CEILING										
				GWB ceiling.	4220	4216.12	SF							
			093100	CERAMIC / PORCELAIN TILING										
567	A101 TO A201			Ceramic floor tile.	860	857.01	SF							
			095100	ACOUSTICAL CEILINGS										
568	A101 TO A201			Acoustical ceiling.	13695	13692	SF							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	Calc.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
								MHrs/ Unit	\$/Hour	(\$Per Unit)				
			096000	FLOORING										
569	A101 TO A201			Concrete paver.	7818	7818.25	SF							
570				Luxury vinyl tile floor. (Assumed)	17335	17332.16	SF							
571				(4" H) Wall base.	3405	3404.14	LF							
			099100	PAINTING										
572	A-101 & A-103			GWB Wall paint.	49160	49160	SF							
573				CMU Wall paint.	5770	5769	SF							
574				GWB Ceiling paint.	4220	4216.12	SF							
575				Expose structure paint.	9820	9816.61	SF							
576				Exterior wall stucco paint.	4630	4628.905	SF							
577				(42" H) Hand rail paint.	194	193.71	LF							
578				(42" H) Guard rail paint.	53	52.63	LF							
579				Door & frame paint										
				Door paint. (2688 SF)	60	60	EA							
580			Frame paint. (363 SF)	60	60	EA								
					Subtotal									
			100000	DIVISION 10 - SPECIALTIES										
581				Elevator (2-Stops)	1	1	EA							
582				Urinal screen	2		LF							
583				RR Compartment wall	68		LF							
			108100	TOILET AND BATH ACCESSORIES										
584				Coat hook.	9		EA							
585				Tissue paper dispenser.	11		EA							
586				Soap dispenser	13		EA							
587				(2'-6" W x 3'-0" H) Mirror	13		EA							
588				(18") S.S Grap bar.	9		EA							
589				(36") S.S Grap bar.	9		EA							
590				(42") S.S Grap bar.	9		EA							
					Subtotal									
			110000	DIVISION 11 - EQUIPMENT										
591				Refrigerator	1	1	EA							
592				MICROWAVE OVEN (Assumed)	1		EA							
					Subtotal									
			120000	DIVISION 12 - FURNISHING										
593				LOCKERS	140	1	EA							
594				LOBBY SINGLE SOFA	4	4	EA							
595				OFFICE CHAIR	2	2	EA							
596				(28"Wx5') OFFICE TABLE W/ 2 CHAIRS	3	3	EA							
597				(2'Wx5'2") OFFICE TABLE W/ CHAIR	3	3	EA							
598				(1'6"Wx6') OFFICE TABLE	3	3	EA							
599				ROUND DINNING TABLE W/ 4 CHAIRS	1	1	EA							
600				(2x12') CONFERENCE TABLE W/ 4 CHAIRS	2	2	EA							
601				(2'x6') CONFERENCE TABLE W/ 2 CHAIRS	1	1	EA							
602				CLINIC SOFA	2	2	EA							
603				(4'4"x2') CLINIC BENCH	1	1	EA							
604				(15'x4') BREAK ROOMTABLE W/ 8 CHAIRS	1	1	EA							
605				(2'X2'5") BREAKROOM BENCH	1	1	EA							
606				CLASSROOM CHAIR	125	125	EA							
607				(2'6"x10') SCEINCE LAB TABLE W/ 4 CHAIRS	6	6	EA							
608				(5'x5'2") COLLAB TABLE W/ 4 CHAIRS	3	3	EA							
609				THREE SEAT SOFA COLLAB ROOM	2	2	EA							
610				SINGLE SOFA COLLAB ROOM	8	8	EA							
611				CLASSROOM ROUND TABLE W/ 6 CHAIRS	6	6	EA							
612				(2'6"x5') TEACHER TABLE	5	5	EA							
					Subtotal									
			150000	DIVISION 15 - HEATING, VENTILATING, AND AIR- CONDITIONING (HVAC)										
613				(VAV-2-3)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
614				(VAV-2-2)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
615				(VAV-2-4)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
616				(VAV-2-12)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
617				(VAV-2-5)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
618				(VAV-2-6)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
619				(VAV-2-11)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
620				(VAV-1-10)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
621				(VAV-2-7)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
622				(VAV-2-8)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
623				(VAV-2-9)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
624				(VAV-2-1)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
625				(MS-2)- DX Minisplit, Manuf: Trane (4MXW8509A)	1	1	EA							
626				(VAV-1-7)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
627				(VAV-1-2)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
628				(VAV-1-3)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
629				(VAV-1-8)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
630				(VAV-1-6)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
631				(VAV-1-5)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
632				(VAV-1-1)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
633				(VAV-1-4)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
634				(MS-1)- DX Minisplit, Manuf: Trane (4MXW8509A)	1	1	EA							
635				(VAV-2-13)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
636				(AHU-1)- Air Handling Unit, Manuf: Trane (CSIA012)	1	1	EA							
637				(AHU-2)- Air Handling Unit, Manuf: Trane (CSIA012)	1	1	EA							
638				(CU-1)- DX Minisplit-Outdoor Unit, Manuf: Trane (4TXM6536A).	1	1	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	Calc.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
								MHrs/ Unit	\$/Hour	(\$Per Unit)				
714				GFCI Receptacle With Weeatherproof Cover	3	3	EA							
715				(6") LED can, Recessed, Surface Ceiling	44	44	EA							
716				(16')- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	2	2	EA							
717				(14')- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	2	2	EA							
718				(8'L)- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	16	16	EA							
719				(6')- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	3	3	EA							
720				(24')- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	1	1	EA							
721				(16')- Linear LED, Recessed, Pendant Surface Ceiling.	2	2	EA							
722				(4')- Linear LED, Recessed, Pendant Or Surface Ceiling.	3	3	EA							
723				(28')- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	2	2	EA							
724				(23')- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	2	2	EA							
725				(12'L)- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	2	2	EA							
726				(2x2) LED Or Fluorescent Fixture, Recessed, Surface Ceiling	8	8	EA							
727				Collab room pendants	4	4	EA							
728				Tele/data outlet	8	8	EA							
729				Floor mntd junction box	1	1	EA							
730				MDP - Main distribution panel - 800A, 277/480V, 3-PH, 4W	1	1	EA							
731				Surge protection device	10	10	EA							
732				LDP - distribution panel, 277/480v, 3Ph, 4W, 600A	1	1	EA							
733				Transformer, 150kVA, 480v-120/208v	1	1	EA							
734				Electric panel, 125A	2	2	EA							
735				Electric panel, 250A	1	1	EA							
736				Electric panel, 100A	3	3	EA							
737				Electric panel, 225A	2	2	EA							
738				Time clock/ Motor starter	1	1	EA							
739				Thermostat	3	3	EA							
740				MOTORIZED SWITCH	4		EA							
741				NON FUSED DISCONNECT SWITCH	5	1	EA							
742				WIRING & CONDUIT	1		LS							
				Subtotal										
				Total.										
				Add wastage of materials										
				Add Contractor's overhead & profit @ 15%										
				G.Total										
				TOTAL WITH DEDUCT ALTERNATE BID										
				Add wastage of materials										
				Add Contractor's overhead & profit @ 15%										
				G.Total										



SMA
Estimating LLC

EXCAVATION & BEDDING

DESCRIPTION	Length	Unit	Dia of pipe	Trench width	EXC DEPTH	EXCAVATION QTY	BEDDING DEPTH	BEDDING QTY	Pipe volume	NET BEDDING	BACK FILLING
WATER UTILITIES											
2", SCH 40, PVC WATER SERVICE	110	LF	0.25	2.75	3.58	1083.86	0.46	138.55	2.70	135.85	945.31
Total (CY)						40.14		5.13	0.10	5.03	35.01
SAN SEWRAGE											
6" SDR-26 PVC SANITARY SEWER SERVICE	140	LF	0.58	3.08	3.92	1690.22	0.62	269.55	18.68	250.87	1420.68
Total (CY)						62.60		9.98	0.69	9.29	52.62
DRAINAGE											
STORMTECH OUTFALL TO SW OR NW (6" DIA, PVC ASSUMED)	516	LF	0.25	2.75	3.58	5084.28	0.46	649.90	12.66	637.24	4434.38
Total (CY)						188.31		24.07	0.47	23.60	164.24

