

PROJECT																	REV0	
ADDRESS																O&P		
Date of Submission		11/27/2023	Please confirm/Add price for these items														10.00%	
Date of plans		11/22/2023	Please confirm inclusion in scope															
Comments		Please go through all the comments and exclusions																
BASE BID		\$	-															
SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT MATERIAL	RATE/HR	LAB Hrs	SUB CONTR.	MATERIAL SUB TOTAL	LABOR SUB TOTAL	SUB CONTR. TOTAL	TOTAL COST	SUB TOTALS	
	GENERAL CONDITIONS																	
1				General Requirements - Mobilization / Demobilization - Temporary facilities - Daily & Final clean up - Close out procedures & Documentation - Project management & Supervision - Coordination w/ other trades - Permit & Fees Testing of imported fill - Hydraulic calculations must include a hose allowance	1	0%	1	LS	\$ -	\$ -	0	\$ -	\$ -	\$ -	\$ -	\$ -		
				Sub Total									-	-	-		\$ -	
	22 00 00 PLUMBING																	
				Water Pipe (Copper Tubing Type L & X-Linked Polyethylene)														
2	P0100-P03.07	P00.01		3/4" Cold Water Pipe	469	10%	515	LF										
3	P0100-P03.07	P00.01		2" Cold Water Pipe	5788	10%	6367	LF										
4	P0100-P03.07	P00.01		3" Cold Water Pipe	50	10%	55	LF										
5	P0100-P03.07	P00.01		5" Cold Water Pipe	33	10%	36	LF										
6	P0100-P03.07	P00.01		Cold Water Pipe Note: Plans don't provide size for this pipe, please confirm it size	26431	10%	29074	LF										
7	P0100-P03.07	P00.01		Hot Water Pipe Note: Plans don't provide size for this pipe, please confirm it size	27980	10%	30778	LF										
8	P0100-P03.07	P00.01		4" Hot Water Pipe	229	10%	252	LF										
9	P0100-P03.07	P00.01		5" Hot Water Pipe	50	10%	55	LF										
10	P0100-P03.07	P00.01		Tempered Water Pipe	3190	10%	3509	LF										
11	P0100-P03.07	P00.01		Domestic Water Service	23	10%	25	LF										
				Sub Total													\$ -	
				Under Slab Storm Pipe (PVC SCH. 40 Drainage Pipe)														
12	P0100-P03.07	P00.01		3" Under Slab Strom Pipe	547	10%	602	LF										
13	P0100-P03.07	P00.01		4" Under Slab Strom Pipe	655	10%	720	LF										
				Sub Total													\$ -	
				Pump Discharge Pipe (PVC SCH. 40 Drainage Pipe)														
14	P0100-P03.07	P00.01		Elevator Shaft Sump Pump Discharge Pipe	480	10%	528	LF										
				Sub Total													\$ -	
				Storm Pipe (PVC SCH. 40 Drainage Pipe)														
15	P0100-P03.07	P00.01		3" Storm Pipe	942	10%	1036	LF										
16	P0100-P03.07	P00.01		4" Storm Pipe	1775	10%	1953	LF										

PROJECT																	REV0	
ADDRESS																O&P		
Date of Submission	11/27/2023	Please confirm/Add price for these items														10.00%		
Date of plans	11/22/2023	Please confirm inclusion in scope																
Comments	Please go through all the comments and exclusions																	
BASE BID	\$	-																
SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT MATERIAL	RATE/HR	LAB HRS	SUB CONTR.	MATERIAL SUB TOTAL	LABOR SUB TOTAL	SUB CONTR. TOTAL	TOTAL COST	SUB TOTALS	
17	P0100-P03.07	P00.01		5" Storm Pipe	1004	10%	1105	LF										
18	P0100-P03.07	P00.01		6" Storm Pipe	679	10%	747	LF										
19	P0100-P03.07	P00.01		8" Storm Pipe	917	10%	1009	LF										
20	P0100-P03.07	P00.01		10" Storm Pipe	400	10%	440	LF										
21	P0100-P03.07	P00.01		12" Storm Pipe	138	10%	152	LF										
22	P0100-P03.07	P00.01		15" Storm Pipe	119	10%	131	LF										
23	P0100-P03.07	P00.01		Storm Pipe Note: Plans don't provide size for this pipe, please confirm it size	152	10%	168	LF										
				Sub Total														
				Sanitary Pipe (PVC SCH. 40 Drainage Pipe)														
24	P0100-P03.07	P00.01		2" Sanitary Pipe	332	10%	365	LF										
25	P0100-P03.07	P00.01		3" Sanitary Pipe	92	10%	101	LF										
26	P0100-P03.07	P00.01		4" Sanitary Pipe	1736	10%	1909	LF										
27	P0100-P03.07	P00.01		5" Sanitary Pipe	200	10%	220	LF										
28	P0100-P03.07	P00.01		6" Sanitary Pipe	516	10%	567	LF										
29	P0100-P03.07	P00.01		8" Sanitary Pipe	160	10%	176	LF										
30	P0100-P03.07	P00.01		10" Sanitary Pipe	40	10%	44	LF										
31	P0100-P03.07	P00.01		Sanitary Pipe Note: Plans don't provide size for this pipe, please confirm it size	6162	10%	6778	LF										
				Sub Total														
				Vent Pipe (PVC SCH. 40 Drainage Pipe)														
32	P0100-P03.07	P00.01		Vent Pipe	872	10%	959	LF										
				Sub Total														
				Gas Pipe (Black Iron Pipe)														
33	P0100-P03.07	P00.01		1" Gas Pipe	25	10%	28	LF										
34	P0100-P03.07	P00.01		2" Gas Pipe	56	10%	62	LF										
35	P0100-P03.07	P00.01		3" Gas Pipe	790	10%	869	LF										
36	P0100-P03.07	P00.01		Gas Pipe Note: Plans don't provide size for this pipe, please confirm it size	2049	10%	2254	LF										
				Sub Total														
				Pipe Insulation														
37	P0100-P03.07	P00.01		All Exposed Sanitary Pipe to be Heat Traced	5062	10%	5568	LF										
38	P0100-P03.07	P00.01		All Sanitary Pipe to be Insulated	15845	10%	17430	LF										
39	P0100-P03.07	P00.01		All Water Pipe to be Insulated	64244	10%	70668	LF										
40	P0100-P03.07	P00.01		All Gas Pipe to be Insulated	2921	10%	3213	LF										
				Sub Total														
																	\$ -	

PROJECT																	REVO	
ADDRESS																O&P		
Date of Submission	11/27/2023	Please confirm/Add price for these items														10.00%		
Date of plans	11/22/2023	Please confirm inclusion in scope																
Comments	Please go through all the comments and exclusions																	
BASE BID	\$ -																	
SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT MATERIAL	RATE/HR	LAB HRS	SUB CONTR.	MATERIAL SUB TOTAL	LABOR SUB TOTAL	SUB CONTR. TOTAL	TOTAL COST	SUB TOTALS	
				Plumbing Fixture														
41	P0100-P03.07	P00.01		WC-1: ADA Compliant Elongated, Gravity Water Closet With 1.28 GPF Flush, Floor, Make Kohler, Model K-25077	516	0%	516	EA										
42	P0100-P03.07	P00.01		WC-3: Elongated, Pressure Assisted Water Closet With 1.0 GPF Flush. Rear, Make Kohler, Model K-3652	4	0%	4	EA										
43	P0100-P03.07	P00.01		WC-4: Elongated, Pressure Assisted Water Closet With 1.0 GPF Flush. Rear, Make Kohler, Model K-3652	7	0%	7	EA										
44	P0100-P03.07	P00.01		LAV-1: Undermount Lavatory Furnish With Single-Hole ADA Faucet 1.2 GPM, Make Kohler, Model Vertical K-2882	516	0%	516	EA										
45	P0100-P03.07	P00.01		LAV-2: Vitreous China, Countertop, Lavatory Furnish With Center set Two Handle ADA Faucet 0.5 GPM, Make Kohler	6	0%	6	EA										
46	P0100-P03.07	P00.01		URN-1: ADA Compliant Urinal With 0.5 GPF Battery Operated Flushometer, Make Kohler, Model K-4991-ET	3	0%	3	EA										
47	P0100-P03.07	P00.01		BT-1: ADA Adaptable 60"x29" Bathtub With Integral Apron & Above Floor Rough In, Make Sterling, Model 71041112	485	0%	485	EA										
48	P0100-P03.07	P00.01		SH-1: Stainless Steel, Undermount, Single-Bowl Kitchen Sink, Make Sterling, Model Ludington	29	0%	29	EA										
49	P0100-P03.07	P00.01		SH-2: Commercial Shower System Kit With Pressure Balance Valve, Trim And Hand Shower With 1.5 GPM Shower Head, Make Kohler, Model K-9132	1	0%	1	EA										
50	P0100-P03.07	P00.01		SH-3: Commercial Shower System Kit With Pressure Balance Valve, Trim And Hand Shower With 1.5 GPM Shower Head, Make Kohler, Model K-9132	3	0%	3	EA										
51	P0100-P03.07	P00.01		KS-1: Stainless Steel, Undermount, Single-Bowl Kitchen Sink, Make Sterling, Model Ludington	477	0%	477	EA										
52	P0100-P03.07	P00.01		WF-1: Barrier-Free, Bottle Filling Station And Wall Mount Water Cooler, 8 GPH, Make Elkay, Model LZSG8WSSK	2	0%	2	EA										
53	P0100-P03.07	P00.01		DT-1: 6"x10" Clothes Washer Drain Trough With Lint Filter, Make H-M Company	2	0%	2	EA										
54	P0100-P03.07	P00.01		DW-1: Dishwasher (Specified By Others), Make By Others, Model By Others	516	0%	516	EA										
55	P0100-P03.07	P00.01		IM-1: Fire Rated ICE Maker Outlet Box For Refrigerator Or Coffee Maker With 1/4 Turn Ball Valve Outlet, Make Oatley, Model 38586	516	0%	516	EA										
56	P0100-P03.07	P00.01		CW-1: Recessed Clothes Washer Supply Box With 1/4 Turn Ball Valves And 2" Standpipe Connection, Make Oatley, Model 38398	516	0%	516	EA										
57	P0100-P03.07	P00.01		WC-2: Elongated, Pressure Assisted Water Closet With 1.0 GPF Flush. Rear, Make Kohler, Model K-3652	1	0%	1	EA										
58	P0100-P03.07	P00.01		HB-1: Anit-Siphon, Automatic Draining Non Freeze Wall Hydrant With Integral Backflow Preventer, Make Zurn, Model Z1321-C	1	0%	1	EA										
59	P0100-P03.07	P00.01		Sink-1: Stainless Steel, Undermount, Single-Bowl Kitchen Sink	1	0%	1	EA										
60	P0100-P03.07	P00.01		MS-1: Molded Stone Mop Basin	1	0%	1	EA										
				Sub Total													\$ -	

PROJECT																REVO		
ADDRESS															O&P			
Date of Submission		11/27/2023													10.00%			
Date of plans		11/22/2023																
Comments		Please go through all the comments and exclusions																
BASE BID		\$ -																
SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT MATERIAL	RATE/HR	LAB HRS	SUB CONTR.	MATERIAL SUB TOTAL	LABOR SUB TOTAL	SUB CONTR. TOTAL	TOTAL COST	SUB TOTALS	
				Drains														
61	P0100-P03.07	P00.01		FD-1: Clothes Washer Pan With Center Drain, Model 99, Make Mustee	343	0%	343	EA										
62	P0100-P03.07	P00.01		FD-2: 7" Medium Duty C.I Drain, Model Z507-P, Make Zurn	8	0%	8	EA										
63	P0100-P03.07	P00.01		FD-3: 6" Medium Duty C.I Drain W/Nickel Bronze Top, Model ZN415B, Make Zurn	8	0%	8	EA										
64	P0100-P03.07	P00.01		FD-4: 9" Heavy-Duty Parking Deck Drain, Model Z533, Make Zurn	19	0%	19	EA										
65	P0100-P03.07	P00.01		RD-1: 12" Dia Roof Drain W/Overflow, Model Z164, Make Zurn	77	0%	77	EA										
				Sub Total													\$ -	
				Tankless Electric Hot Water Heaters														
66	P0100-P03.07	P00.01		IHWH-1: MFR&Model Eemax XTP016480, Turn On (GPM) 0.5, Power REQ.(V/PH) 408/3, AMPS PER Phase 19	516	0%	516	EA										
				Sub Total														\$ -
				Domestic Water Pressure Booster Pumps														
67	P0100-P03.07	P00.01		DWB1: Location Water Service Room, Total Number Of Pumps 3, Pump Motor HP 15, Pump Housing Material Cast Iron, Weight (LBS) 1800, MFR&Model Grundfos BoosterpaQ Hydro MPC-E/3CRE45-2	1	0%	1	EA										
				Sub Total														\$ -
				Sump Pump Schedule														
68	P0100-P03.07	P00.01		S1: Sump Pump With Oil Sensing Controls, MFR Little Giant, Model WS100HM-12-20	3	0%	3	EA										
69	P0100-P03.07	P00.01		S2: Storm Duplex Sump Pump, MFR Zoeller, Model N161	1	0%	1	EA										
				Sub Total													\$ -	
				Recirculation Pump Schedule														
70	P0100-P03.07	P00.01		RP1: Domestic HWR, MFR Grundfos, Model Magna3 65-150 F, HP 1.5	1	0%	1	EA										
71	P0100-P03.07	P00.01		RP2: Boiler HW, MFR Grundfos, Model Magna3 65-150 F, HP 1.5	1	0%	1	EA										
				Sub Total														\$ -
				TurboTax Hot Water Heater - West Tower														
72	P0100-P03.07	P00.01		TM1-5: Thermo 2000 Turboman 109, 119 Gallon	20	0%	20	EA										
				Sub Total														\$ -

PROJECT																	REV0	
ADDRESS																O&P		
Date of Submission	11/27/2023	Please confirm/Add price for these items														10.00%		
Date of plans	11/22/2023	Please confirm inclusion in scope																
Comments	Please go through all the comments and exclusions																	
BASE BID	\$ -																	
SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT MATERIAL	RATE/HR	LAB HRS	SUB CONTR.	MATERIAL SUB TOTAL	LABOR SUB TOTAL	SUB CONTR. TOTAL	TOTAL COST	SUB TOTALS	
				Gas Fired Hot Water Boiler														
73	P0100-P03.07	P00.01		B-1: Location Boiler Room, MFR&Model Lochinvar FB1251, 1250 MBH	1	0%	1	EA										
74	P0100-P03.07	P00.01		B-2: Location Boiler Room, MFR&Model Lochinvar FB1251, 1250 MBH	1	0%	1	EA										
75	P0100-P03.07	P00.01		B-3: Location Boiler Room, MFR&Model Lochinvar FB1251, 1250 MBH	1	0%	1	EA										
				Sub Total													\$ -	
				Air Separator														
76	P0100-P03.07	P00.01		AS-1: Location Boiler Room, Service TM-1 Thru 20, Type Rolairtrol, MFR&Model Bell & Gossett RL-4F	1	0%	1	EA										
				Sub Total												\$ -		
				Expansion Tank														
77	P0100-P03.07	P00.01		ET-1: Location Water Service Room, Diameter (IN) 22, Volume (GAL) 34, Acceptance VolumeMFR&Model Amtrol Well-X-Trol WX-205P	1	0%	1	EA										
				Sub Total												\$ -		
				Boiler Water Expansion Tank														
78	P0100-P03.07	P00.01		ET-2: Location Boiler Room, Service B-1 Thru 12, Tank Volume (Gallons) 53, MFR&Model Bell & Gossett B-200	4	0%	4	EA								\$ -		
				Sub Total														
				Potable Water Expansion Tank														
79	P0100-P03.07	P00.01		ET-3: Location Boiler Room, Service TM-1 Thru 20, Capacity (Gallons) 132, MFR&Model Bell & Gossett PTA-450	4	0%	4	EA										
				Sub Total												\$ -		
				Duplex Sewage Ejector Pump														
80	P0100-P03.07	P00.01		SE-1: Location Cellar, Service Duplex Sewage Ejector, MFR&Model Zoeller Model G294	1	0%	1	EA										
				Sub Total												\$ -		
				Misc. Items / Connections														
81	P0100-P03.07	P00.01		Meter	2	0%	2	EA										
82	P0100-P03.07	P00.01		1" RPZ	1	0%	1	EA										
83	P0100-P03.07	P00.01		CODP	3	0%	3	EA										
84	P0100-P03.07	P00.01		NFWH (TBD)	4	0%	4	EA										

PROJECT																	REVO			
ADDRESS																O&P				
Date of Submission		11/27/2023		Please confirm/Add price for these items														10.00%		
Date of plans		11/22/2023		Please confirm inclusion in scope																
Comments		Please go through all the comments and exclusions																		
BASE BID		\$ -																		
SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT MATERIAL	RATE/HR	LAB HRS	SUB CONTR.	MATERIAL SUB TOTAL	LABOR SUB TOTAL	SUB CONTR. TOTAL	TOTAL COST	SUB TOTALS			
85	P0100-P03.07	P00.01		Cleanout	9	0%	9	EA												
86	P0100-P03.07	P00.01		Reduced Pressure Zone Assembly	3	0%	3	EA												
87	P0100-P03.07	P00.01		Dual Check with Atmospheric Vent	1	0%	1	EA												
88	P0100-P03.07	P00.01		Hose Connection Vacuum Breaker	1	0%	1	EA												
89	P0100-P03.07	P00.01		Anti-Siphon Vacuum Breaker	438	0%	438	EA												
90	P0100-P03.07	P00.01		Dual Check ASSE 1012	1	0%	1	EA												
91	P0100-P03.07	P00.01		Check Valve	6	0%	6	EA												
92	P0100-P03.07	P00.01		Shut Off Valve	326	0%	326	EA												
93	P0100-P03.07	P00.01		Three Way Valve	122	0%	122	EA												
94	P0100-P03.07	P00.01		3" Gas DN	6	0%	6	EA												
95	P0100-P03.07	P00.01		Air Inlets	1	0%	1	EA												
96	P0100-P03.07	P00.01		Elevator Sump Discharge	1	0%	1	EA												
97	P0100-P03.07	P00.01		8" Vents And Fresh Air Intakes	146	0%	146	EA												
98	P0100-P03.07	P00.01		House Trap In Maintenance Box	4	0%	4	EA												
99	P0100-P03.07	P00.01		3" ST DN	4	0%	4	EA												
100	P0100-P03.07	P00.01		5" CW, DN	1	0%	1	EA												
101	P0100-P03.07	P00.01		5" ST DN	150	0%	150	EA												
102	P0100-P03.07	P00.01		5" CW DN	2	0%	2	EA												
103	P0100-P03.07	P00.01		4" ST DN	43	0%	43	EA												
104	P0100-P03.07	P00.01		3" GAS, DN	1	0%	1	EA												
105	P0100-P03.07	P00.01		Gas Line UP	6	0%	6	EA												
106	P0100-P03.07	P00.01		5" CW, UP&DN	5	0%	5	EA												
107	P0100-P03.07	P00.01		3" Gas UP&DN	2	0%	2	EA												
108	P0100-P03.07	P00.01		Gas Up To RTU	159	0%	159	EA												
109	P0100-P03.07	P00.01		Gas UP To GEN	147	0%	147	EA												
110	P0100-P03.07	P00.01		Gas Line Down	3	0%	3	EA												
111	P0100-P03.07	P00.01		3" Gas , UP&DN	6	0%	6	EA												
112	P0100-P03.07	P00.01		5" CW & 3" Gas DN	2	0%	2	EA												
113	P0100-P03.07	P00.01		4" Storm From RD-1	4	0%	4	EA												
114	P0100-P03.07	P00.01		3" Gas UP To Boiler Room	1	0%	1	EA												
115	P0100-P03.07	P00.01		3" GAS UP To Boiler RM	1	0%	1	EA												
116	P0100-P03.07	P00.01		5" HW AND 1" HWR DN	4	0%	4	EA												
117	P0100-P03.07	P00.01		5"CW, 5" HW And 1 1/4" HWR DN	1	0%	1	EA												
118	P0100-P03.07	P00.01		5" CW&HW, 3" Gas & 1 1/4" HWR UP	8	0%	8	EA												
119	P0100-P03.07	P00.01		5" CW, From Below Offset And UP To Boiler Room	2	0%	2	EA												
				Sub Total													\$ -			
TOTAL													-	-	-	\$ -	\$ -			
OVERHEAD AND PROFIT															15.000%	\$ -				
BASE BID																\$ -				
EXCLUSIONS:																				
- 2-12 floor slab thickness																				
- How thick is the concrete on the Eco Span decks																				
- cast in rated sleeves on the dec																				
- Actually just please confirm that ground and floor 2 are both podium slabs and that floors 3-12 are Eco Span																				
- Painting of gas piping																				
- Pool related Plumbing																				

PROJECT															REVO		
ADDRESS														O&P			
Date of Submission	11/27/2023	Please confirm/Add price for these items												10.00%			
Date of plans	11/22/2023	Please confirm inclusion in scope															
Comments	Please go through all the comments and exclusions																
BASE BID	\$ -																
SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT MATERIAL	RATE/HR	LAB HRs	SUB CONTR.	MATERIAL SUB TOTAL	LABOR SUB TOTAL	SUB CONTR. TOTAL	TOTAL COST	SUB TOTALS
- anything not mentioned above.																	