

# Question Log #2

## November 27, 2017



#	Reference/ Discipline	Bidder Question	Company Response								
1	Arch Sheet A-8.1.1	There is a discrepancy between the plan door schedule and the Specification Door schedule. Doors 1A, 1B, 2A, 2B, 3A, 3B, 4, 5, 6, and 56 on Sheet A-8.1.1 - the Door Schedule are called out to have wood doors and wood frames. Specification Section 08710, Door Hardware, Door Schedule, pages 29-31 is calling out for these doors to have HM frames. Please clarify which is correct.	Provide wood door frames.								
2	Elec Sheet E0.04	In reviewing the panel schedules on Sheet E0.04, Panel MEML1 is listed twice and there is nothing shown for Panel MWML1. Please provide a panel schedule for MWML1, so that the gear vendors will bid the correctly-configured panels.	Panel Schedule MWML1 is added on the sheet E0.04								
3	Elec	There are no circuits called out for battery charging or block heaters for the 300kW Generator. What should be included for these? Please clarify.	Provide 1-1/4" C-5#6+1#6EG, Ckt SL-27&29 for jacket heater, and ckt SL-31 for Battery Charger- will be shown on sheet E-1.04/2								
4	Arch	There is a fire extinguisher specification section, but there are no fire extinguishers shown in the drawings. Please provide a quantity and location if fire extinguishers are to be included in the bids.	Provide 10-lb ABC Multi-Purpose Dry Chemical portable fire extinguishers by Potter Roemer as follows: <table style="margin-left: 20px;"> <tr> <td>8 nos. at</td> <td></td> </tr> <tr> <td>Storage Building,</td> <td style="text-align: right;">2</td> </tr> <tr> <td>nos. at Garage Building.</td> <td style="text-align: right;">2</td> </tr> <tr> <td>nos. at Main Building.</td> <td></td> </tr> </table> Additionally, at Main Building, provide 14 nos. fire extinguishers with cabinet per specifications. Make provision for submittal of alternate semi recessed cabinets and finishes for selection.	8 nos. at		Storage Building,	2	nos. at Garage Building.	2	nos. at Main Building.	
8 nos. at											
Storage Building,	2										
nos. at Garage Building.	2										
nos. at Main Building.											
5	Arch FA0.01, FA1.01, FA1.02, FA1.03	The fire alarm system shown on the plans is an Edwards EST model. Will Company accept Simplex or others as an equal to the Edwards model?	Specified Edwards EST3, no substitution.								
6	Arch E2.02	Sheet E2.02, Notes 21 & 22, in Rooms 101, 102 and 103 show notes referring to run conduits to a Hoffman box. There is no Hoffman box called out anywhere else on the plans. Please clarify what should be provided and where.	Hoffman box located in Room 105, recessed in wall - see below #7 Response.								
7	Arch E2.02	There is a symbol that is a square with an "H" inside on the wall of Room 105 with four 1-1/4" conduits stubbed to the ceiling. Please clarify what this box is.	Symbol for Hoffman Box SRH, 12"X12"X4" recessed wall box, for AV cabling.								

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8	Arch E2.02	Several conduits are noted on Sheet E2.02 to be run to ladder rack in room 106. There is no detail for ladder racking in room 106. Are these Company-furnished and installed or for Company's Low Voltage contractor? Please clarify.	Ladder rack to be installed in Room 106, along east and south wall (east of door opening) - by Owner's Vendor.
9	Arch E2.02	There are several notes referring to the Security and AV drawings, but these have not been provided. Will these be provided to be able to verify with the electrical drawings for backbone requirements? Please advise.	GC shall install infrastructure as shown. Security and AV drawings by Owner's Vendors will be provided later for GC's coordination.
10	Elec	Please provide the company name for who the Phone & CATV providers are for this project so underground structures can be quoted.	Local Communication Service Company, AT&T
11	General	Due to the complexity and size of this very important project, we would like to request at least a two-week bid due date extension to ensure subcontractors have enough time to prepare price-competitive bids.	Bid due date was extended to December 15, 2017 in previous correspondence on Tuesday, November 28, 2017.

JOB NO :

PROJECT :

DATE :

PANEL : MWML1	PHASE : 3	WIRE : 4	MOUNTING : FLUSH
VOLTAGE : 208 / 120	LOCATION : ELECTRICAL RM	DISTANCE :	FT
BUS AMPERE : 100 AMP	FED FROM : DIST. BOARD "MBSL"	POLES :	42
MAIN C/B : 100 AMP	MAIN TYPE : AUTO C/B	SPARE CAP :	25 %

CK NO	DESCRIPTION	L T G	R E C	M T R	H T G	M I S	CIRCUIT BREAKER	CIRCUIT KVA			CK NO
								A	B	C	
1	FC-4T HALLWAY 156			1			15 / 2	0.30			1
2	FC-1T BREAKROOM 126			1			15 / 2	0.07			2
3	W/ CKT #1						-----/ ---		0.30		3
4	W/ CKT #2						-----/ ---		0.07		4
5	FC-4T LOBBY 157			1			15 / 2			0.30	5
6	FCD-4.5T-1 TRAINING RM 128			1			15 / 2			0.30	6
7	W/ CKT #5						-----/ ---	0.30			7
8	W/ CKT #6						-----/ ---	0.30			8
9	FCD-8T-5 CUSTOMER SVC 129			1			20 / 2		0.90		9
10	FC-.75T STORAGE 133			1			15 / 2		0.07		10
11	W/ CKT #9						-----/ ---			0.90	11
12	W/ CKT #10						-----/ ---			0.07	12
13	FC-0.75T STORAGE 132			1			15 / 2	0.07			13
14	FC-0.75T MEETING RM 130 132			1			15 / 2	0.07			14
15	W/ CKT #13						-----/ ---		0.07		15
16	W/ CKT #14						-----/ ---		0.07		16
17	FC-0.75T SHARE OFFICE 131			1			15 / 2			0.07	17
18	FCD-4.5T-2TRAINING RM & LAB 127			1			15 / 2			0.30	18
19	W/ CKT #17						-----/ ---	0.07			19
20	W/ CKT #18						-----/ ---	0.30			20
21	FC-4T RECEPTION LOBBY 153			1			15 / 2		0.30		21
22	SPARE						15 / 2		0.00		22
23	W/ CKT #21						-----/ ---			0.30	23
24	SPARE						-----/ ---			0.00	24
25	CU-1M & FC-1M SERVING IT ROOM					1	20 / 2	1.90			25
26	SPARE					1	20 / 2	0.00			26
27	W/ CKT #25						-----/ ---		1.90		27
28	SPARE						-----/ ---		0.00		28
29	SPARE					1	20 / 2			0.00	29
30	SPARE						15 / 2			0.00	30
31	SPARE						-----/ ---	0.00			31
32	SPARE						-----/ ---	0.00			32
33	SPARE						15 / 2		0.00		33
34	SPARE						15 / 2		0.00		34
35	SPARE						-----/ ---			0.00	35
36	SPARE						-----/ ---			0.00	36
37	FIRE SMOKE DAMPERS					2	20 / 1	0.10			37
38	EF1-7, EF1-13, EF1-14 TEST RM 135			3			20 / 1	0.60			38
39	EF1-1, EF1-2, EF1-3TEST RM 135			3			20 / 1		0.60		39
40	EF1-10, EF1-11, EF1-12 TEST RM 135			3			20 / 1		0.60		40
41	EF1-4, EF1-5, EF1-6 TEST RM 135			3			20 / 1			0.60	41
42	EF1-8, EF1-9 TEST RM 135			2			20 / 1			0.40	42
CONN LOAD = 12.20 KVA		TOTAL BY PHASE (KVA) =		4.08		4.88		3.24			
MIN FDR = 45 AMP	MIN C/B = 56 AMP	LGST MTR = 9 AMP	SPARE = 3.05 KVA								
LCL(LTG+HTG) = 0.00 KVA	25% LCL = 0.00 KVA	CONN LOAD + 25% LCL = 12.20 KVA									