ADDENDUM NO. 1

May 25, 2022

HAYES LEONARD ELEMENTARY SCHOOL CHILLER, BOILERS, AND MISCELLANEOUS WORK

Valparaiso, IN 46385

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated May 5, 2022, by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Proposal Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-1 and attached Addendum No. 1 from Gibraltar Design dated May 24, 2022 consisting of 1 page and 1 drawing.



ADDENDUM ONE

Addendum One (AD.01) to the drawings and specifications prepared by Gibraltar Design and The Skillman Corporation for **Hayes Leonard School Mechanical Upgrades and Related Work** for Valparaiso School Corporation, Valparaiso, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original BID CATEGORY NO. Documents. All Contractors shall acknowledge on their bid form that they have received this Addendum and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

- 1. Specification Section 23 33 00 Duct Accessories
 - A. Add Pottorff to the list of approved manufacturers.
- 2. Specification Section 23 51 00 Breechings, Chimneys and Stacks
 - A. Add Duravent to the list of approved manufacturers.

DRAWINGS

3. Sheet M-601

- A. Pumps CHP-HL1 and CHP-HL2 are to be 208 Volt, 3 Phase. Remove reference Note #1 from schedule for these two pumps.
- B. VFD specifications are referenced in Section 23 05 14 of the Contract Documents.

4. Sheet E-610

A. Refer to revised, full size drawing sheet included in this Addendum for added Motor Starter Schedule.

Page 1, and One (1) full-size Drawing constitutes the total makeup of **Addendum One**.

GIBRALTAR DESIGN

19 Valgaraiso CS - Hayes Leonard School Mcchanical Systems, Boilers, Chiller Replacement and Related Work\Specs\ADDENDUM
AD01.doc

MAY 24, 2022 AD.01-1

Н	AYI	ES L	EON	WARD	ELE	MEN	TARY	'SC	HOOL	PAN	IELB	OARI) SC	HED	DUL	.E
MARK & TYPE				REMA												
"BPB"				EXISTIN	G SQU	ARE D N	IQOD P	ANELB	OARD							
TYPE: EXISTING SQUA	RE D	NQOD														
120/208V, 3 PH, 4W 225 AMP MAIN LUGS																
NEMA 1																
SURFACE MOUNTED																
DESCRIPTION	9.575.55	POLE	25500 VOISO I	LTS	REC	EQUIP	Α	В	С	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
UNKNOWN	1	1	20						 				1	20	2	SPARE
UNKNOWN	3	1	20										'	20		OFFICE
													1	20	4	BOILER PANEL
EF-017,EF-018	5	1	20										4	20	_	EE A402 A 404
FCU-A101,UV-017,													1	20	6	EF-A103,A-104
UV-018	7	1	20													
													1	20	8	SPARE
BOILER ROOM UH	9	1	20													047 LICUTO FANIAND
													1	20	10	017 LIGHTS,FAN AND RECPS
UV-A106	11	1	20	3												
													1	20	12	SPARE
OUTSIDE LIGHTS	13	2	20													FRONT ENTRY AND
													1	20	14	HALL
	15		$\overline{}$													
																018 1 ROW OF
													1	20	16	LIGHTS,FANS AND RECPS
FLAG POLE LIGHTS	17	1	20										- 1	20	10	RECPS
													1	20	18	SPARE
SPARE	19	1	20	3									,			
SPARE	21	1	20										1	20	20	UNKNOWN
OI AILE	21	1	20													A106 2 ROW OF
								V20044444444444444444444444444444444444					1	20	22	LIGHTS AND FANS
SPARE	23	1	20	3												DOLLED DOOM
																BOILER ROOM, HALL,A-106,
																STORAGE, TUNNEL
													1	20	24	LIGHTS
JOHNSON CONTROLS	25	1	20						ļ				4	20	20	CDA DE
SPARE	27	1	20										1	20	20	SPARE
0171112													2	20	28	CHAIR LIFT
SPARE	29	1	20													
A106,STORAGE															30	
UNDER STAIRS																
RECPS	31	1	20													
																017,018 LIGHTS,
A106 1 ROW OF									 				1	20	32	RECPS
LIGHTS, RECPS	33	1	20													
													1	20	34	SPARE
UV-HL22 (1/4 HP)	35	1	20			0.67			0.67				4	20	20	DOUED 4
WATER HEATER													1	20	36	BOILER 1
CIRC. PUMPS	37	1	20													
													1	20	38	BOILER 2
WATER HEATER	39	1	20										4	20	40	DOILED 2
BL-HL2	41	1	20			1.56			1.56				1	20	40	BOILER 3
1 1-6	71	'	20			1.50			1.50				1	20	42	BOILER 4
TOTAL CONNE						2.23			2.23							
TOTAL DEI						2.23										

MARK & TYPE				REMA		MEN										
"BPE"						ILAB PA	NELBO	ARD								
TYPE: EXISTING GE N	LAB															
120/208V, 3 PH, 4W																
225 AMP MAIN LUGS NEMA 1																
SURFACE MOUNTED																
DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	Α	В	С	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
109 LIGHTS	1	1	20													
													4	20	2	106,111,112,113,114 LIGHTS
109 LIGHTS	3	1	20										1	20		LIGHTS
													1	20	4	101 LIGHTS, FAN
108 LIGHTS	5	1	20													
100 LICUTO	7	- 4	20										1	20	6	101 LIGHTS
108 LIGHTS	7	1	20										1	20	8	102,103,104 LIGHTS
109 4 RECPS	9	1	20										'	20	0	102,100,104 El01110
													1	20	10	105 LIGHTS
108 4 RECPS	11	1	20													
103,104,105 6 RECPS	13	1	20										1	20	12	105 LIGHTS,FAN
103, 104, 103 6 RECPS	13	- 1	20										1	20	14	RM 3 COPIER
106 RECPS	15	1	20													
													1	20	16	101 4 RECPS
106 RECPS	17	1	20												40	100 100 1 05000
CH,HL-3 HH HL-2	19	1	20										1	20	18	102,106 4 RECPS
OH, HE-3 HITTIE-2	13	-	20										1	20	20	CH,HL-1,HL-2,UH-L1
UV-HL10 (1/4 HP)																
UV-HL11 (1/4 HP)	21	1	20			1.34		1.34								
													1	20	22	A106 2 ROW OF LIGHTS AND FANS
REF HL-4,HL-2	23	1	20										1	20	22	LIGHTS AND PANS
112 1,112 2													1	20	24	RM 2 4 RECPS
UV-HL19 (1/4 HP)							201000000000000000000000000000000000000									
UV-HL20 (1/4 HP)	25	1	20			1.34	1.34									CANODYLIGHTO
																CANOPY LIGHTS, OUTSIDE LIGHT AT
													1	20	26	CHILLER
NIGHT LIGHTS	27	1	20													
													1	20	28	109 3 RECPS
REF HL-1,HL-2	29	1	20										1	20	30	RM 5 RECPS
UV-HL18 (1/4 HP)	31	1	20			0.67	0.67						1	20	30	RIVI 5 RECPS
OV 11210 (1/141111)	-					0.0.	0.07						1	20	32	112,113,114 3 RECPS
METASYS IN THIS																
ROOM	33	1	20										4	20	24	DM 4 DEODO
MIC AND WATER													1	20	34	RM 4 RECPS
COOLER	35	1	20													
													1	20	36	RM 2 RECPS
EASTSIDE PARKING	~~	4	20													
LOT TIMER	37	1	20													REFRIGERATOR AN
													1	20	38	COFFEE POT RECP
CIRCULATNG PUMP	39	2	20													
													1	20	40	OUTSIDE LIGHTS
	41												1		42	SPACE
TOTAL CONNE	CTE		(k\/^\			3.35	2.01	1.34					1		42	OFAGE
TOTAL DE						3.35	2.01	1.57		<u> </u>	—		-			

MARK & TYPE				REMA	RKS											
'BPF"						ARE D N	NQOD P	ANELBO	DARD							
TYPE: EXISTING SQUA	RE D	NQOD														
120/208V, 3 PH, 4W																
225 AMP MAIN LUGS																
NEMA 1																
SURFACE MOUNTED				8/9/199												
DESCRIPTION	_	POLE		LTS	REC	EQUIP	Α	В	С	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
CU-HL2 (0.08 HP)	1	1	20			0.34	0.34									WORK DOOM NING
														00		WORKROOM NW
IV UI 24 (4/4 UD)	3	1	20			0.67		0.67					1	20	2	RECPS
JV-HL21 (1/4 HP)	3	- 1	20			0.67		0.67								WORKROOM NE
													1	20	4	RECPS
SPARE	5	1	20										'	20	7	ILOI O
5171112																WORKROOM SE
													1	20	6	RECPS
SPARE	7	1	20										-			
																WORKROOM S
				<u> </u>									1	20	8	RECPS
SPARE	9	1	20													
																ROOM 24 SW
													1	20	10	CORNER RECPS
SPARE	11	1	20													
																VIDEO TECH POWER
																SUPPLY ON SOUTH
													1	20	12	WALL
SPARE	13	1	20													
	45		20										1	20	14	SPARE
SPARE	15	1	20										4	20	10	SPARE
SPARE	17	1	20										1	20	10	SPARE
DPARE	17	- 1	20						_				1	20	18	SPARE
SPARE	19	1	20										1	20	10	OFAIL
JI / IIIL	13	-	20										1	20	20	SPARE
SPARE	21	1	20													0171112
30 W W													1	20	22	SPARE
SPARE	23	1	20													
													1	20	24	SPARE
RTU RECP	25	1	20													
													3	15	26	AHU-1
RTU OFFICE																
BLOWER	27	2	45													
								00000144000001440000001440							28	
	29															
	24												\rightarrow		30	
SPARE	31	1	20										4	20	22	SPARE
SPARE	33	1	20										1	20	32	SPARE
SPARE	33	1	20													NE RECPS AND
													1	20	3/	WATER COOLER
SPARE	35	1	20										1	20	34	WATER COOLER
21 / N.L.		-	20													NORTHWALL - EAST
													1	20	36	RECPS
SPARE	37	1	20										-			
		-											1	20	38	WASHING MACHINE
SPARE	39	2	30										-			
CO. (O. TILICO)		_											2	30	40	DRYER
	41															
										İ					42	
TOTAL CONNE	CTEE	LOAD	/k\//\			1.01	0.34	0.67					_			

MARK & TYPE				REM/	ARKS											
"BPG"						ARE D I	JOOD D	ANELDO	VDD							
"BPG" TYPE: EXISTING SQUA	DED	NOOD								EDS (C	PCILITO	37 421	W/I TU	TMO 1	3) 3D	50 AMP CIRC
	KE D	MMOD				(6) 1P-2 IRCUITS					KCUI IS	31-42)	VVIIH	1440 (Z) 3P-	JU ANIP CIRC
120/208V, 3 PH, 4W 225 AMP MAIN LUGS				BREAK	ERS (C	IKCUI IS	31,39,4	H AND	08,40,42	.)						
NEMA 1															-	
SURFACE MOUNTED															-	
	OID	DOL E	TDID	1.70	DEO	FOLUD			_	LIEAT	A / O	FUTD	DOL E	TOLO	OID	DECODIDE
DESCRIPTION		POLE		LTS	REC	EQUIP	Α	В	С	HEAT	A/C	FUTR	POLE	IRIP	CIR	DESCRIPTIO
UH-HL1	1	1	20													
													1	20	2	SPARE
TEMPERATURE	_					4.00		4.00								
CONTROL PANEL	3	1	20	3		1.00		1.00								00405
OUIL FE BIENG													1	20	4	SPARE
CHILLER PIPING	_		-00			4.50			4.50							
HEAT TRACE	5	1	20	8		1.50			1.50						!	00455
00405	.												1	20	6	SPARE
SPARE	7	1	20	:											<u> </u>	
00.405				ļ									1	20	8	SPARE
SPARE	9	1	20												ļ.,.	
00405													1	20	10	SPARE
SPARE	11	1	20												1	
													1	20	12	SPARE
SPARE	13	1	20													
							300000000000000000000000000000000000000						1	20	14	SPARE
SPARE	15	1	20													
													1	20	16	SPARE
SPARE	17	1	20													
													1	20	18	SPARE
SPARE	19	1	20												1	
							20002220000						1	20	20	SPARE
SPARE	21	1	20													
													1	20	22	SPARE
SPARE	23	1	20												1	
													1	20	24	SPARE
SPARE	25	1	20												1	
													1	20	26	SPARE
SPARE	27	1	20	ļ												
													1	20	28	SPARE
SPARE	29	1	20													
									110000000000000000000000000000000000000				1	20	30	SPARE
SPARE	31	1	20													
													1	20	32	SPARE
SPARE	33	1	20													
													1	20	34	SPARE
SPARE	35	1	20													
													1	20	36	SPARE
CIRCULATING PUMP															1 _	
CHP-HL1 (7 1/2 HP)	37	3	50		<u></u>	3.05	3.05									
																CIRCULATIN
					<u> </u>	3.05	3.05					<u> </u>	3	50	38	CHP-HL2 (7
	39					3.05		3.05								
						3.05		3.05							40	
	41					3.05			3.05							
						3.05			3.05						42	
TOTAL CONNE	CTE	LOAD	(kVA)			20.80	6.10	7.10	7.60							
TOTAL DE						20.80							1			
			()													-

	IAYL	-5 L	.EOI		ELEMEN	IARY	SU	HOOL	- PAN	NETR	UARI	7 20	HEL	JUL	<u>.</u> E
MARK & TYPE				REMAR											
"BPH"				EXISTING	SQUARE D	QOD P	ANELBO	DARD							
TYPE: EXISTING SQUA	RE D	NQOL)												
120/208V, 3 PH, 4W 225 AMP MAIN LUGS															
NEMA 1															
SURFACE MOUNTED				08-09-07											
DESCRIPTION	CIR	POLE	TRIP	LTS I	REC EQUIP	Α	В	С	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
FCU-012	1	1	20												
042 DI LIOMOL D	,	4	20									1	20	2	012 PLUGMOLD
012 PLUGMOLD	3	1	20									1	20	4	012 PLUGMOLD
012 PLUGMOLD	5	1	20									'	20	7	012 FLOGIVIOLD
												1	20	6	012 PLUGMOLD
NET BOOKCARTS	7	1	20												
												1	20	8	012 PLUGMOLD
NET BOOKCARTS	9	1	20									1	20	10	012 POWER POLE
NET BOOKCARTS	11	1	20									-	20	10	012 POWER POLE
THE POOR OF THE POOR			20									1	20	12	012 POWER POLE
NET BOOKCARTS	13	1	20												
												1	20	14	012 POWER POLE
SPARE	15	1	20											40	ODADE.
SPARE	17	1	20									1	20	16	SPARE
OI AILE	- 17	'	20									1	20	18	SPARE
UV-HL3 (1/4 HP)															
UV-HL7 (1/4 HP)	19	1	20		1.34	1.34									
															UV-HL6 (1/4 HP)
UV-HL8 (1/4 HP)					1.34	1.34						1	20	20	UV-HL5 (1/4 HP)
UV-HL9 (1/4 HP)	21	1	20		1.34		1.34								
OV 1120 (114 111)					1.01		1.01								UV-HL4 (1/4 HP)
					1.01		1.01					1	20	22	FCU-HL1 (0.08 HP)
UV-HL17 (1/4 HP)	23	1	20		0.67			0.67							
UV-HL15 (1/4 HP)					0.67			0.67				1	20	24	UV-HL12 (1/4 HP)
UV-HL16 (1/4 HP)	25	1	20		1.34	1.34									
••••••••••••••••••••••••••••••••••••••															UV-HL13 (1/4 HP)
					1.34	1.34						1	20	26	UV-HL14 (1/4 HP)
SPARE	27	1	20												
SPARE	29	1	20									1	20	28	SPARE
SPARE	29	ı	20									1	20	30	SPARE
SPARE	31	1	20												
												1	20	32	SPARE
SPARE	33	1	20												
SPARE	25	- 1	20									1	20	34	SPARE
SPARE	35	1	20									1	20	36	SPARE
SPARE	37	1	20										23		OI / II LE
												1	20	38	SPARE
SPARE	39	1	20									-			
SPARE	41	1	20									1	20	40	SPARE
OFARE	41	1	20	+ +								1	20	42	SPARE
TOTAL CONNE	CTE	LOAL) (kVA		9.05	5.36	2.35	1.34							
TOTAL DE				-	9.05										
			Ţ, ,												

	IATI	_3 L	LOI			MEN	IANI	301	IOOL	- FAN	ILLD	OAN		/IILL	JUL	
MARK & TYPE				REM/												
'BPJ"				EXISTIN	IG SQU	ARE D N	QOD P	ANELBO	DARD							
TYPE: EXISTING SQUA	RE D	NQOD														
120/208V, 3 PH, 4W																
225 AMP MAIN LUGS NEMA 1																
SURFACE MOUNTED				8/9/199	7											
DESCRIPTION	CIR	POLE	TRIP	LTS		EQUIP	Α	В	С	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
FCU-021	1	1	20	LIO	INLO	LQOII	- /\			TIEAT	700	TOIR	1 OLL	HAII	Oiix	DECORT HOLV
00 021		,	20										1	20	2	SPARE
JV-HL1 (1/4 HP)															_	0.72
JV-HL2 (1/4 HP)	3	1	20			1.34		1.34								
													1	20	4	SPARE
CU-HL2 (0.08 HP)	5	1	20						000000000000000000000000000000000000000							
													1	20	6	SPARE
SPARE	7	1	20													
													1	20	8	SPARE
SPARE	9	1	20													
20405	44		20										1	20	10	SPARE
SPARE	11	1	20										1	20	12	SPARE
SPARE	13	1	20										-	20	12	GFARE
JI AIL	13	'	20										1	20	14	SPARE
SPARE	15	1	20											20		OI /IIIL
													1	20	16	SPARE
SPARE	17	1	20													
													1	20	18	SPARE
SPARE	19	1	20													
													1	20	20	SPARE
SPARE	21	1	20													
20.405													1	20	22	SPARE
SPARE	23	1	20										4	20	24	CDADE
SPARE	25	1	20							-			1	20	24	SPARE
SPARE	23	- 1	20										1	20	26	SPARE
SPARE	27	1	20											20	20	OI AIL
													1	20	28	SPARE
SPARE	29	1	20													
													1	20	30	SPARE
SPARE	31	1	20													
													1	20	32	SPARE
SPARE	33	1	20													
20.405	0.5												1	20	34	SPARE
SPARE	35	1	20										4	20	20	CDADE
SPARE	37	1	20										1	20	30	SPARE
JI / IIIL	31	-	۷.										1	20	38	SPARE
SPARE	39	1	20										_	20	- 50	51 / IIIL
	-												1	20	40	SPARE
SPARE	41	1	20													
													1	20	42	SPARE

MOTOR STARTER SCHEDULE												
MARK	ITEM	NEMA SIZE	HP	ROOM NO.		TROL	SEE NOTES					
MS-1	AIR HANDLING UNIT HL-1	1	7.4		ENCL. SA	REMOTE 	1,3,5,7,8					

MOTOR STARTERS SHALL HAVE 480/120 VOLT CONTROL CIRCUIT TRANSFORMER WITH CONTROL CIRCUIT FUSES.
 MOTOR STARTERS SHALL HAVE 120 VOLT COIL AND 600 VOLT CONTACTS.
 120 VOLT MOMENTARY CONTACT PUSH BUTTON: P=ON-OFF; T=TEST BUTTON; T2=HI-LO TEST PUSH BUTTON; PO2=HI-LO-OFF.
 120 VOLT MAINTAINED CONTACT SELECTOR SWITCH: S=ON-OFF; S2=HI-LOW; S02=HI-LO-OFF; SA=HAND-OFF-AUTOMATIC.
 PILOT LIGHTS SHALL BE FURNISHED WITH ALL REMOTE CONTROL UNITS.
 MOTOR STARTERS SHALL BE SINGLE SPEED.
 MOTOR STARTER SHALL HAVE ONE NORMALLY OPEN CONTACT.

GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

HAYES LEONARD SCHOOL MECHANICAL UPGRADES AND RELATED WORK

VALPARAISO COMMUNITY SCHOOLS VALPARAISO, INDIANA

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260 Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778

22-119 05/06/22 COORDINATED BY PCB DRAWN BY PCB/JVC

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MARK DATE ISSUED FOR AD-1 05/24/22 ADDENDUM NO. 1

ELECTRICAL SCHEDULES

HAYES LEONARD SCHOOL MECHANICAL UPGRADES AND RELATED WORK

E-601

Thursday, 5/19/2022 — 2:12 PM — LAST SAVED BY:JCHAMB Y:\22—119 VALPARAISO CS — HAYES LEONARD SCHOOL MECHANICAL SYSTEMS, BOILERS, CHILLER REPLACEMENT AND RELATED WORK\22—119 DRAWINGS\09 ELEC\E—601.DWG

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