

PURCHASING DIVISION ROOM 210 CITY HALL 142 EAST MAIN STREET MERIDEN, CONNECTICUT 06450-8022

RAWLE DUMMETT PURCHASING OFFICER

PHONE 203-630-4115

NOTICE TO BIDDERS ADDENDUM #002

TO THE BID FOR: B024-63 Gallery 53 Elevator Replacement & Egress Upgrades

FOR: City of Meriden

BID DUE DATE: July 3, 2024 at 11:00 AM

Please acknowledge receipt of all addenda on the Bid Pages.

The purpose of this addendum is to provide additional RFI answers to bidders and extend the Bid Due Date:

Please see attached RFI Responses.

Rawle Dummett Purchasing Officer Dated: June 25, 2024 Gallery 53 Elevator Replacement and Egress Upgrades Bidding RFI Responses June 25, 2024

1. Demo drawings mention D o8d Remove sprinkler head. Refer to fire protection drawings.

There are no o8d shown on the drawings. There are no fire protection drawings. Please advise

Not all symbols on standard symbol and key lists are used on this project. There is no sprinkler system in this project.

- 2. We request approval to use the KONE MonoSpace Flex DX machine room-less (MRL) elevator as a substitute for the specified three-stage, dual piston, telescopic hydraulic elevator.
 - A. The KONE MonoSpace Flex DX MRL elevator offers several benefits, including:

Energy Efficiency: Uses up to 70% less energy compared to hydraulic systems.

Sustainability: Features advanced eco-friendly technologies. Does not use hydraulic fluid.

Faster: floor to floor times would be drastically reduced, with faster leveling, and a speed increase to 150FPM

We believe that the KONE MonoSpace Flex DX MRL elevator will provide enhanced performance and overall cost savings for the project.

The MonoSpace Flex DX MRL option may be able to re-use the existing entrance frames and door panels, in lieu of replacing entrances, which would likely be less disruptive to the project.

Please advise if this is an option you would like to entertain.

For a proposed Substitution, follow the procedures in Section 012500 Substitution Procedures, Action Submittals 1.4.2. Verify that the proposed elevator will fit within the existing Hoistway opening.

B. Please confirm the materials used to construct the hoistway.

See Partition Type "J", A050.

C. Although we will verify in the field, are the hoistway dimensions shown on the drawing A601 somewhat accurate, as they are labeled "minimum".

Is it the intent to retain the existing hoistway dimensions?

The intent is to fit the elevator within the existing hoistway openings. The minimum dimensions shown are those required for the Basis of Design elevator. Field measurements indicate that this shaft size is achievable within the existing openings.

3. Can you tell us the thickness of the basement floor?

There is no information available as to the basement slab thickness. For the purpose of facilitating competitive bids, assume the basement floor slab is 6" thick. Adjustments to the contract price may be made if the slab proves to differ significantly.

4. On the 4th floor we must build a 2-hour rated wall below the beam and in between the posts. We noticed open joists on top of the beam, please provide a detail to meet the 2-hour rating.

See Attached sketch SK-1.

5. A101 basement drawing shows a waste line in the machine room. This may not be allowed. Please provide details to enclose the pipe.

This condition will be discussed with the incoming building inspector. Bid the project as drawn with the existing exposed pipe running through the space. Adjustments as to the scope of the work, if required, will be made by Change Order after contract is signed.

6. Drawing MEL 102: Key Notes; Key Value EL4 and EL5- Should the Key Value EL4 be part of Alternate #4, instead of Alternate #2? Should the Key Value EL5 actually be EL7, which is part of Alternate #5?

Key Value EL4 should be part of Alternate #4. Key Value EL5 should be read as EL7.

7.

A. Is a heating/cooling system required for the mechanical room?

See Revision #2 Machine Room Cooling.

B. Will the AISC and AWS requirements be waived if the work is done according to the requirements set forth in their Code of Standard Practice?

This question is not sufficiently specific to be able to be answered.

8. Request Submitted by Pellatier Construction Management for accepting a KONE MonoSpace Flex Traction Elevator as a Substitute for the specified Basis of Design.

The submission does not specifically address the following necessary to for the product to be considered as equal:

- A. Will it fit within the existing shaft opening? The Manufacturer stated minimum shaft size is 8'-11 X 5'-9" which exceeds the existing shaft size.
- B. Is the elevator cab interior dimensions equal or above those of the specified elevator.
- C. Will the elevator fit within the available headroom third floor to roof structure?
- D. Will the reaction forces be the same or less than that of the specified elevator and at the same locations?

We note that this elevator does not require a machine room. As such it avoids the question raised in #5 above, and in this sense would be a preferable solution, all other conditions being met.



1 ELECTRICAL POWER BASEMENT PLAN 3/16" = 1'-0"







3 ELECTRICAL POWER 2ND FL PLAN 3/16" = 1'-0"



CKT Circuit Description Trip Profes I F Profes Trip Profes Trip Circuit Description 1 EXISTING CIRCUIT 60.4 2 1.90 0.90 0 0 1 20.4 EXISTING CIRCUIT 5 EXISTING CIRCUIT 15.4 1 0 0 0 0.75 0.90 - - - - 7 EXISTING CIRCUIT 15.4 1 0.75 0.75 0.75 0.80 0.75 1 15.4 EXISTING CIRCUIT 10 EXISTING CIRCUIT 15.4 1 0.75 0.75 0.80 0.75 1 15.4 EXISTING CIRCUIT 13 - 0.80 0.90 - 1 20.4 EXISTING CIRCUIT 14 1 20.4 2.1 1.20 0.80 0.75 1 15.4 EXISTING CIRCUIT 15 EXISTING CIRCUIT 20.4 2 - 1.20 0.80 1.20 EXISTING CIRCUIT 14 - 1.20 1.30 0.90 1 2.04 EXISTING CIRCUIT 19 - 1.30		Location: BASEMENT E Supply From: UTILITY METI Mounting: Surface Enclosure: Type 1	Volts: 120/208 Wye Phases: 3 Wires: 4							A.I.C. Rating: 22K Bus Material: CU Bus Rating: 225 A MCB Rating / MLO: 200A /3P- MCB						
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49SPARE20 A10.000.00Image: Normal conditions of the symbolic conditions of the symbol	47	SPARE	20 A	1					0.00	0.00	1	20 A	SPARE	48		
51 SPARE 20 A 1 0.00 0.00 1 20 A SPARE 53 SPARE 20 A 1 Image: Constraint of the second secon	49	SPARE	20 A	1	0.00	0.00					1	20 A	SPARE	50		
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Phase Load: 20.31 kVA 25.06 kVA 23.83 kVA Phase 169.2 A 213.4 A 203 A Total Load: 69.20 kVA 203 A	53	SPARE	20 A	1					0.00	0.00	1	20 A	SPARE	54		
Phase 169.2 A 213.4 A 203 A Total Load: 69.20 kV/A 203 A			Phase Load:		20.31 kVA		25.06 kVA		23.83 kVA							
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		GENERAL				INDOOR UNIT					OU	TDOOR CO		JNIT	ELECTRICAL				REMARKS			
						COOLING		HEATING FAN		N				SOLIND							1	
TAG	MANUFACTURER	MODEL	LOCATION	COMP. UNIT	NOMINAL TONS	TOTAL MBH	SENSIBLE MBH	TOTAL MBH	CFM	SPEED	WEIGHT (LBS)	TEMP. (F)	SEER	PRESS. (dBA)	MCA	MOP	VOLTAGE	PHASE	TYPE	RATINGS	FEATURES	INSTA
AC	DAIKIN	FTX12NMVJU / RK12NMVJU	ELEVATOR	СИ	1	12	9.5	-	434	HIGH	60	95	19	49	12.2	15	208	1	1	1	ALL	1, 2,
REMARKS - TYPE REMARKS - RATINGS				REMARKS - FEATURES					REMARKS - INSTALL													
1. WALI	L MOUNTED		1. PERFORM 67°F EWB 2. LOW TEM DOWN TO	1ANCE AT 80' , 95°F ODB, 7 PERATURE () -4°F ODB	°F EDB, ′5°F OWB COOLING	 CONE PROC LOW SING FROM LOW BAFF 	DENSATE PU GRAMMABLE AMBIENT CC LE POINT PC M COMPRESS TEMPERATU LE	MP WIRED REM DOLING TO -2 WER - POWE SOR UNIT IRE COOLING	OTE CONTR 20°F OAT ER TO AIR F G KIT WITH	ROLLER HANDLER WIND	1. NON- 2. REFR PUMF CONE BE CO THE A DEVIO COOF ACCE	FUSED DISC IGERANT PI V, CONTROL IVIT, DISCOI DNCEALED; VIR HANDLE CES REQUIR RDINATE LOU SS PANELS	CONNECT S PING, CONE WIRING AN NNECT, REL THE ONLY (R. LOCATE (CATIONS W WHERE RE	VITCH DENSATE PIF D CONDUIT, AYS, AND C COMPONENT CONDENSAT S IN ACCESS ITH THE ARC QUIRED.	PING, CONDE POWER WII THER DEVIC I VISIBLE SH TE PUMP AN SIBLE LOCA CHITECT ANI	ENSATE RING AND ES SHALL IALL BE D OTHER FIONS; D PROVIDE	3. MO WI CO CO REI CO MA E EX	DUNT UNIT C TH 1" CHAM NTROL WIR MPRESSOF FRIGERANT MPRESSOF NUFACTUR NDUIT, & W TENT POSS JERTIGHT	DN 4" THICK IFERED EDG NING BETWE UNIT. PRC PIPING BE UNIT, SIZE ER'S RECOI IRING CONC IBLE. SEAL	REINFORCI GES. PROVIE EEN AIR HAN OVIDE SPLIT TWEEN AIR D AND CON MMENDATIC CEALED TO . WALL PIPIN	ED CONCRET DE POWER W IDLER AND SYSTEM HANDLER AN FIGURED PEI DNS. ROUTE THE GREATE NG PENETRA	IE PAD IRING ND R THE PIPING EST TIONS



LIGHTING FIXTURE SCHEDULE												
TYPE	BASIS OF DESIGN MANUFACTURER / MODEL	VOLTAGE	SOURCE	FIXTURE DESCRIPTION - BASIS OF DESIGN								
AE	COLUMBIA LIGHTING MPS4-30ML-CW-EDU	UNV	4800LM, 40W 3000K LED	SURFACE MOUNTED UTILITY STRIP FIXTURE, 4 FEET IN LENGTH WITH STEEL HOUSING, CURVED ACRYLIC LENS, 0-10V DIMMING, 80+ CRI, 60,000+ HR LED LIFE, DLC LISTING. PROVIDE MOUNTING ACCESSORY WHERE INDICATED ON FLOOR PLANS.								
BE	COLUMBIA LIGHTING MPS4-30HL-CW-EU-ELL14-MPSWG4	UNV	5800LM, 41.7W 3000K LED	4' WALL MOUNTED LED FIXTURE. CODE GAUGE COLD ROLLED STEEL HOUSING WITH FROSTED ACRYLIC LENS AND WIRE GUARD. LUMEN MAINTENANCE OF 60,000 HOURS AT L70; INTEGRAL BATTERY PACK.								
CE	COLUMBIA ESL4-30ML-FAW-EDU-ELL14-NXOS	UNV	4456LM, 34.4W 3000K LED	4' WALL MOUNTED LED FIXTURE. CODE GAUGE COLD ROLLED STEEL HOUSING WITH FROSTED ACRYLIC LENS. INTEGRAL OCCUPANCY SENSOR WITH 0-10V DIMMABLE, FIXTURE SHALL DIM TO 25%. LUMEN MAINTENANCE OF 60,000 HOURS AT L70; INTEGRAL BATTERY PACK.								
D	LITHONIA LIGHTING OLVTCM	UNV	600LM, 15W 4000K LED	CEILING MOUNTED LED FIXTURE, CAST ALUMINUM HOUSING, FROSTED GLASS DIFFUSER, LUMEN MAINTENANCE OF 50,000 HOURS AT L70.								
Е	COMPASS CU2SQSD	UNV	LED	WHITE THERMOPLASTIC, DUAL SQUARE HEAD EMERGENCY LIGHT, 120/277VAC INPUT, DAMP LOCATION LISTED, SELF-TEST/ SELF-DIAGNOSTICS, NICAD BATTERY - CAPABLE OF SUPPORTING UP TO TWO REMOTE HEAD FIXTURES.								
x	COMPASS CERG	UNV	LED	THERMOPLASTIC LED EXIT SIGN WITH UNIVERSAL MOUNTING. ALL SIGNS SHALL HAVE FIELD ADJUSTABLE CHEVRONS, AS NOTED ON PLANS, NICAD BATTERY.								
NL	NEW LOCATION OF RELOCATED FIXTURE	-	-	-								
RL	RELOCATED EXISTING FIXTURE	-	-	-								
 NOTES: 1. LIGHT FIXTURES IN THE SCHEDULE SHALL BE CONSIDERED BASIS OF DESIGN. EQUAL FIXTURE SUBSTITUTIONS ARE ACCEPTABLE FOR ALL FIXTURES IN THE LIGHTING FIXTURE SCHEDULE, UNLESS INDICATED OTHERWISE. EQUAL FIXTURE APPROVAL SHALL BE AS JUDGED BY THE ENGINEER AND THE ARCHITECT. IN ADDITION TO THE REQUIREMENTS LISTED IN THE LIGHTING FIXTURE SCHEDULE AND IN THE SPECIFICATIONS, THE PROPOSED EQUAL FIXTURES SHALL: A. BE THE SAME GENERAL SIZE, STYLE AND SHAPE, INCLUDING BUT NOT LIMITED TO LENS CONSTRUCTION AND SHADING. B. BE OF EQUAL QUALITY CONSTRUCTION AND FINISH. C. BE SUPPLIED WITH ALL REQUIRED ACCESSORIES TO MATCH THE SPECIFIED (BASIS OF DESIGN) FIXTURE. D. PROVIDE THE SAME DISTRIBUTION, EFFICACY AND SOURCE LUMEN OUTPUT. E. HAVE THE SAME LISTINGS AS THE BASIS OF DESIGN FIXTURE, INCLUDING DLC AND ENERGY STAR QUALIFICATIONS. 2. ALL FIXTURES SHALL BE UL LISTED. 3. ALL NECESSARY MOUNTING HARDWARE, HANGERS, BRACKETS, RAILS, YOKES, CANOPIES, STEMS, CHAINS, ROW JOINERS, ETC. SHALL BE FURNISHED AND INSTALLED. 4. REFER TO ARCHITECTURAL DRAWINGS FOR SPECIFIC DETAILS, ARRANGEMENT, MOUNTING HEIGHTS, SUSPENSION LENGTHS, CEILING CONSTRUCTION, ETC. ALL COLORS AND FINISHES SHALL BE SELECTED BY ARCHITECT. 5. FIXTURES SHALL BE INDEPENDENT OF DUCTS, PIPES, CEILINGS AND THEIR SUPPORTING MEMBERS. FIXTURES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE AND SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE AND SHALL BE SUPPORTED AND THE SUPPORTING MEMBERS. FIXTURES SHALL BE SUPPORTED WITH A 												

WIRE EMERGENCY FIXTURES AND EXIT SIGNS AHEAD OF SWITCHED LEGS.
 MINIMUM MOUNTING HEIGHT OF FIXTURES IN MECHANICAL AND ELECTRICAL SPACES IS 8'-6" AFF. COORDINATE MOUNTING HEIGHT IN FIELD WITH EQUIPMENT IN ROOM SUCH THAT LIGHTING IS NOT OBSTRUCTED BY DUCTWORK, PIPING AND CONDUIT. PROVIDE NECESSARY CHAIN-MOUNTING EQUIPMENT TO COMPANY TO SUCH THAT LIGHTING SECONDERNAL AND FILED BY DUCTWORK, PIPING AND CONDUIT. PROVIDE NECESSARY CHAIN-MOUNTING

HARDWARE TO SUSPEND FIXTURES WHERE REQUIRED. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. WHERE EXIT SIGNS ARE SHOWN AS WALL MOUNTED ABOVE A DOOR, MOUNT SUCH THAT THE BOTTOM OF THE SIGN IS NO MORE THAN 3" ABOVE THE DOOR FRAME, UNLESS INDICATED OTHERWISE ON PLANS.

10. UNLESS OTHERWISE NOTED, PENDANT FIXTURE MOUNTING HEIGHTS IN FINISHED SPACES SHALL BE AS FOLLOWS: A. CEILING HEIGHT 9'-0" OR LOWER: 7'-6" TO BOTTOM OF FIXTURE B. CEILING HEIGHT 9'-6" TO 11'-0": 8'-0" TO BOTTOM OF FIXTURE

C. CEILING HEIGHT 11-0" TO 12'-0": 9'-6" TO BOTTOM OF FIXTURE
D. MINIMUM PENDANT LENGTH SHALL BE 1'-6"
E. CONSULT WITH ARCHITECT AND ENGINEER FOR OTHER CEILING HEIGHTS.

