



Tri-City Medical Center

Emergency Central Plant Upgrades

ADDENDUM #4

1/16/2018

1. The bid opening is being pushed to 3pm on Thursday January 25, 2018.
2. Details and specifications for the beams required by Trane for rigging will be provided as part of a future Addendum and will be the responsibility of the Contractor.
3. Please see the attached revised and additional responses to the RFIs.

**Tri-City Medical Center
Emergency Central Plant Improvements (PR#17-0475)
OSHDP #S172470-37-00
Bid RFI Log**

Version: 2.00
Date: 1/16/2018

RFI	Date Created	Submitted By	Contractor Reference	Question, Comment, or Request	Discipline(s)	Sheet	TeamComments	Open/Closed
1	12/29/2017	Murray Company	MC-001	The mechanical equipment schedule calls out notes 5, "Refrigerant Shipped loose in containers and charged on site by contractor" and Note 6, "Chiller Compressor to be removed from chiller in field to aid with installation..."We believe this scope of work will need to be performed by Trane authorized technicians to maintain the warranty. Are we to carry this scope of work in the bid proposal?	Chris Miechowski		This work will be performed by Trane. All work performed by Trane will be contracted directly between the district and the owner and all warranties for that work will be held by Trane.	Closed
2	1/3/2018	Murray Company	MC-002	Is the Chiller coming insulated from the factory, or will it require insulation in the field?	Chris Miechowski		This work will be performed by Trane. All work performed by Trane will be contracted directly between the district and the owner and all warranties for that work will be held by Trane.	Closed
3	12/29/2017	Cannon Building	RFI #1	M-002 - Please confirm the Chiller and Cooling tower are to be purchased by Tri-City Medical Center and not by General Contractor.	Chris Miechowski	M-002	Confirmed	Closed
4	12/29/2017	Cannon Building	RFI #1	If Tri-City is to purchase Chiller and Cooling tower equipment, who will provide warranty labor for these items?	Chris Miechowski		Contractor to provide warranty for the labor performed by self. Equipment supplier will provide labor warranty for work performed by self.	Closed
5	12/29/2017	Cannon Building	RFI #1	Who is responsible for coordination of the deliveries of the cooling tower and chiller to the job site?	Chris Miechowski		Contractor to coordinate deliveries with the equipment suppliers	Closed
6	12/29/2017	Cannon Building	RFI #1	M-002 - Please confirm the Chiller is a Trane unit, and Cooling Tower is Baltimore Air Cooler per the equipment schedule.	Chris Miechowski	M-002	See the specs provided in Addendum #2 & Addendum #3	Closed
7	12/29/2017	Cannon Building	RFI #1	What is the estimated lead time for the chiller and cooling tower equipment? If not available, please provide general assumption.	Chris Miechowski		No lead time available at this time. Start of the project to be determined after the award of contract and lead times will be taken into the consideration at that time.	Closed
8	12/29/2017	Cannon Building	RFI #1	Is there anticipated shut down for the disconnect/reconnection of the utilities? If so, who is responsible for the coordination?	Mechanical		Yes - Shutdowns to be coordinated by contractor with owner for duration, etc. and any temporary equipment as required.	Closed
9	12/29/2017	Cannon Building	RFI #1	A100 - There is a green waste plug valve just to right of Gridline 8 that is not shown on the drawing in the area to be demolished. Does this get demolished or protect in place? If demolished, how far down does the pipe go? If demolished, where is the nearest P.O.C. to safe off and cut?	Mechanical	A-100	Please re-issue RFI with supporting pictures and markups.	Closed
10	12/29/2017	Cannon Building	RFI #1	Is there a Tri-City Medical Center preferred Landscape vendor? If so, please provide.	Chris Miechowski		Landgraphics	Closed
11	12/29/2017	Cannon Building	RFI #1	Is there a Tri-City Medical Center preferred Fire Alarm vendor? If so, please provide.	Chris Miechowski		Redhawk	Closed
12	12/29/2017	Cannon Building	RFI #1	Is there any phasing for the parking lot area to be restriped?	Chris Miechowski		No	Closed
13	12/29/2017	Cannon Building	RFI #1	There is no detail for the refrigerant relief piping. Should there be a drip leg under the vertical riser in the chiller? What about a flex connector at the chiller?	Mechanical		Both are required - drip leg and flexible connectors are provided for in attached newly issued specification "SECTION 232300 - REFRIGERANT PIPING" - plans will be modified per OSHDP requirements after project award.	Closed
14	12/29/2017	Cannon Building	RFI #1	What is the height above the floor of the refrigerant relief pipe in the cooling tower area?	Mechanical		The approximate height of the refrigerant relief piping is 7'-8" from pipe centerline to finished floor.	Closed
15	12/29/2017	Cannon Building	RFI #1	The flow through the cooling tower is listed as 2,000 gpm and the condenser water pump flow is listed as 2,000 gpm. Shouldn't these be the same?	Mechanical		The question has same gpm's. The listed tower capacity was at maximum ability of tower which is above required for Chiller. Tower is correct, pump and chiller ratings are correct..	Closed

**Tri-City Medical Center
Emergency Central Plant Improvements (PR#17-0475)
OSHDP #S172470-37-00
Bid RFI Log**

Version: 2.00
Date: 1/16/2018

RFI	Date Created	Submitted By	Contractor Reference	Question, Comment, or Request	Discipline(s)	Sheet	TeamComments	Open/Closed
16	12/29/2017	Cannon Building	RFI #1	What size is the CHW pipe for the supply and return to the new pump?	Mechanical		8" - Provided supplemental sketch as well. See MSK-1.	Closed
17	12/29/2017	Cannon Building	RFI #1	M-002 per pump schedule, remark 2 is listed for both pumps. This is a straightening vane flex connector at the suction inlet; per Sheet M-401 details, this item only appears for the P-30, the pump without the suction diffuser. Should we bid per sheet M-401 details?	Mechanical	M-002;M-401	P-30, No suction diffuser, configured and installed per 4 on Sheet M103. Motorized valve and manual valve are shown configured on M103. Detail 2 on M-401 shows requirements but altered for installation on tower.	Closed
18	12/29/2017	Cannon Building	RFI #1	M-302 - Above the chiller there is a PD inside a circle. What is this?	Mechanical	M-302	Originally differential, revised to pressure gauge. See attached MSK-1 and MSK-2.	Closed
19	12/29/2017	Cannon Building	RFI #1	There is no specification for the chilled water insulation listed. Please advise.	Mechanical		Chilled water insulation is published in Specification "Section 230719 - HVAC Piping Insulation". Please verify you have specifications manual for project as extensive information is provided in manual.	Closed
20	12/29/2017	Cannon Building	RFI #1	Is there any work on this project for condenser water treatment?	Mechanical		No - Existing owner vendor shall maintain systems.	Closed
21	12/29/2017	Cannon Building	RFI #1	There are no pipe specifications for the nitrogen, nitric oxide, oxygen, and fluoride lines listed. Please advise.	Mechanical		See provided specification "Section 226313 - Gas Piping"	Closed
22	12/29/2017	Cannon Building	RFI #1	KN12/P-102 - is point of connection 4 feet or less below grade?	Mechanical		Estimated depth (to be verified by contractor) is identified in Detail 4 scaled detail.	Closed
23	12/29/2017	Cannon Building	RFI #1	There is no specification for 12" straightening vane flex connector listed. Please advise.	Mechanical		The flex connectors are listed in specification 232116. The following shall replace the flex connectors listed in 232116 "Flexible Connectors: Stainless-steel hose with woven, flexible, stainless steel braid; 150-psig minimum working pressure and 250 deg F maximum operating temperature. Connectors shall have flanged or threaded-end connections to match equipment connected and shall be capable of 3/8-inch misalignment. 1. Pump inlet and outlet flexible connectors: With integral S.S.	Closed
24	12/29/2017	Cannon Building	RFI #1	There is no specification for the refrigerant relief piping listed. Please advise.	Mechanical		See Specification Section - 232300 Refrigerant Piping.	Closed
25	12/29/2017	Cannon Building	RFI #1	Sheets E-002/E-003 show new 12 kV feeder to central plant (3) #6, #1/0 GND 4" C from equipment in existing electrical service building to unit substation "MSA". Please clarify whether new 12 kV feeders are not in the scope of work for this project.	Electrical	E-002;E-003	Correct this is not part of this projects scope, no new 12kv feed.	Closed