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REQUEST FOR INFORMATION DATE: March 21, 2016 NO.: RFI-017

To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Devin Gates

Project Name: Webster University Interdisciplinary Science Building Project No.: 15051

Subject: BP2-2 bidding clarifications

Response Required By: March 28, 2016

Drawing / Spec Reference:

Information Requested:

1. Bidders are interpreting the specs as the only duct that needed to be welded stainless steel was the duct serving the Chemistry Lab (472) and any exposed kitchen duct. Please confirm this is correct.
If all of the ductwork that's connected to the Lab Exhaust system needs to be welded stainless, that'll be a big difference in cost.

2. On drawing P0204.A (Lab Level 4 Area A), there shows to be vacuum piping to 3 locations in Chem Lab – General 472, and 3 locations in Chem Lab Prep – 478 but no compressed air piping. However, it appears there are outlets for the compressed air. Is this piping not shown, or do these rooms get vacuum only?

3. Section 232500, 2.5 (Noise Control Covering) discusses the need for B-10 Lag/QFA-3. However the ductwork insulation schedule does not contain any information about what, if anything will be insulated with this material. The Legend, ME0002, has a symbol for Supply Air Sound Attenuator under the Heating and Air Conditioning section.

- a) Are we insulating only the SA that is designated with that symbol?
- b) Some EA in the labs have that symbol as well. Does that need to be insulated with the B-10 Lag?
- c) Are we insulating the Phoenix valves with the B-10 Lag?

Suggestion: Please advise

Response:

See WTA's responses to questions above on the next page.
Mark Schaefer - WTA 3/28/16

Answered By: _____

Date: _____



ARCHITECT'S RESPONSE:

This information is provided as an interpretation of the Contract Documents for implementation. It is not an authorization for change to the Contract Sum or Contract Time. If this information results in a claim for a change to the Contract, the Contractor shall notify the [Construction Manager][Architect] of a change through the change process.

WTA RESPONSE: 3/28/16

1) All fume handling exhaust ductwork shall be welded stainless steel as specified. Ductwork in Chemistry Lab 472 shall be 16 gauge or thicker material. (Mark Schaefer, WTA)

2) Drawing P0204.A -

Chem Lab General 472 - There are six fume hoods indicated, each with a vacuum connection and a connection each for the process water supply and return. Also refer to drawing A207.

Chem Lab Prep 478 - There is one fume hood indicated, with a vacuum outlet. Also, refer to Drawing A207. (Michael Whitworth, Webb)

3) Noise covering Insulation is not required unless directed by Sound Consultant.

- a) Not required at sound attenuators.
- b) The symbol on drawings for fume exhaust ductwork is the fire rated duct wrap as required by code.
- c) Not required for Phoenix valves, provide sound attenuators at fume hood valve inlets and insulate supply air valves with fiberglass duct wrap. (Mark Schaefer, WTA)

Answered By: _____

Date: _____