Project Title: Replace Fan Coils and Convectors

Solicitation Number: VA263-13-B-1736

Project Number: 636A8-13-009

Provided are a list of responses to questions that have been received by his office from potential offerors, relative to this solicitation.

1. There are 2 hot water risers that will be installed. One will be installed in the pipe chase and the other in the dumb waiter shaft. One riser is for the East Wing, the other for the West Wing. Scaffolding will be needed to install the pipe in the chase. Access appears to be difficult. Can the Contractor expand the opening to this pipe chase?

Answer: No, there is actually a full height access to the chase on the basement (not-subbasement) level. Access is through Room BN01.

2. If additional asbestos is found in the working areas that is NOT identified on the drawings, who is responsible for the abatement costs associated with this work?

Answer: If asbestos that is not identified in the construction documents is found, a change order would be issued.

3. There is a steam line that will be run in the tunnel under the sub-basement to feed the new Heat Exchanger. This is a tight space and the stairs will need to be moved for access. A shut down will likely be required to make the connection. We cannot locate a valve on the prints to temporarily shut off the steam for this work. Can the Contractor perform a shut down for this portion of the work, if required? How long can this shutdown last (time limit)?

Answer: There is access to the tunnel on the other side, so the stairs will not have to be taken down. As for the steam shutdown, it depends on the time of year. If it is in the summer time, it would be fairly easy. Expect after hours shutdowns, and I'm pretty sure this work could be done under four hours.

4. There is some outside excavation to get the pipe run from the new heat exchanger to the bottom of the dumb waiter shaft. Some walls will be required to be drilled, turns, obstructions to overcome, etc. The exterior wall will likely be required to be core drilled. What is this exterior wall made of?

Answer: The excavation required is within the building footprint. The existing wall that needs to be core drilled is concrete.

5. On each floor of the dumb waiter work, it appears that the specifications require a new 4" concrete slab-type floor on each floor to be added within the dumb waiter shaft. Can a mesh steel flooring material be utilized for future renovation and accessibility ease in lieu of concrete?

Answer: Once you concrete in these floors, the shaft will be rendered useless and/or difficult for future work. Direction has not changed. Plan to install 4" concrete floor as required.

6. Section 02-82-11 – Traditional Asbestos Abatement – In this section it indicates the removal of approx. 120-140 lineal feet of 2"-6" diameter pipe insulation and approx. 500 square feet of boiler/tank insulation. Since there is no asbestos survey provided in the specification it is unclear on what actually contains asbestos – upon review of the site conditions it was discussed that the black tar adhesive/vapor barrier contained asbestos that was located on piping and softener tanks in the basement. The insulation that is presently on these items is "Armaflex" (not typically asbestos containing). Please advise as to what "insulation" or "adhesive" contains asbestos. There appears to be considerably more pipe than 140 lineal feet of pipe that needs to be removed from the work area – maybe not all of this piping that needs to be removed contains asbestos – please advise on quantity of asbestos to be removed.

Answer: The asbestos was found in the adhesive under the black foam insulation on the tanks only. Asbestos was not found on the piping. This will be addressed in Addendum #2.

7. In the bid documents – drawing 1-AS1.00 Sub-Basement Floor Asbestos Abatement Plan – it shows a hatched area where asbestos removal is to be performed, however there is additional piping that is being removed outside of the regulated area indicated on the drawings. Is the piping that needs to be removed outside of the regulated area non-asbestos containing? It appears to be insulated with the same "Armaflex" insulation that is present on the other piping being removed. Please advise if any asbestos piping needs to be removed that may be outside of the asbestos area.

Answer: As noted above, the asbestos abatement is only required for the insulation adhesive on the tanks.