

ThermoDynamics Corp.

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Engineer's answers in bold. Where specified, answers from Yorktown employees also bold.

Yorktown Community Center

- A. Existing Boiler Steam supply is tied into side of header, installation best practice is to provide steam inlet tied into top of header. Please confirm we are to tie into point of connection indicated drawing at side of header.

The intent is to reuse the existing shutoff valve between the existing header and the new boiler.

- B. Piping Insulation materials are not included in specifications, please confirm insulation is to be per NYS Energy Code. Please confirm all new piping is to be insulated.

Yes. All piping should be insulated. Material and thickness as per NYS Energy Code.

- C. (3) Total Condensate Pumps on Boiler Feed, (1) serves Boiler that is to remain. Please confirm we are to twin (2) existing pumps together to feed (1) new steam boiler.

This question is unclear to me. There should be no work related to the condensate pumps in the pit. A new boiler feed line should be provided from the boiler feed system.

- D. Please advise if any insulation has been tested for Asbestos (ACM), existing insulation is suspect and is to be excluded from the scope of work.

Per Al Pisano, there is no asbestos.

- E. Please advise if there is any control work associated with this scope of work.

The intent is that all new controls will be contained within the new Powerflame burner, just as the new boiler provided 2 years ago.

Yorktown Town Hall

- A. Contract drawings indicate installation of (1) Housekeeping pad for (1) New Steam Boiler, please confirm new housekeeping pad should be installed Hot Water Boiler.

Provide new housekeeping pads for each the hot water and the steam boilers

- B. Please advise if existing steam condensate piping within boiler room serving floor above is to be replaced (adjacent to outside wall).

The intent is to replace the condensate piping immediately upstream of the existing Hartford loop to the new boiler.

- C. Please advise if existing heat timer (Model EPU-CH-70) is to be replaced with new.

Yes. New heat timer should be provided and relocated.

- D. Piping Insulation materials are not included in specifications, please confirm insulation is to be per NYS Energy Code. Please confirm all new piping is to be insulated.

Yes. All piping should be insulated. Material and thickness as per NYS Energy Code.

- E. Please advise if (2) louvers with motorized dampers and associated control wiring is to be installed serving each Boiler where window currently exists. If so, please provide sketch & specification.

The intent is for the room to remain as existing

- F. Please advise if any insulation or brick base below steam boiler has been tested for Asbestos (ACM), existing insulation is suspect and is to be excluded from the scope of work.

Per Al Pisano, there is no asbestos.

- G. Please advise if new breeching pipe material is to match existing (smoke pipe). Also, please advise if it is to be insulated. If it is to be insulated, please provide spec and material thickness (existing systems are uninsulated).

The new breeching should match existing. Material and insulation shall be per NYS Building and Energy Code

Yorktown Police Department

- A. Please advise if (1) motorized damper and associated control wiring is to be installed serving new boiler on existing outside air louver.

There was no intent to provide a motorized damper with controls. Existing louver is to remain

- B. Please advise if any insulation has been tested for Asbestos (ACM), existing insulation is suspect.

Per Al Pisano, we are arranging for the performance of asbestos testing. An amendment will be posted regarding the asbestos later this week.

- C. Please advise if New Pump Starters/VFD's are to be furnished with New Pumps.

New disconnects and starters are to be provided with pumps. Confirm if VFD's are desired with YPD Facilities.

- D. Please advise if existing supply water temperature control system & associated 3-Way Valve is to remain?

No. The intent is to remove the existing three-way valve and associated control system. New boiler will control the supply temperature.

- E. Please advise if existing Domestic Circulation Pump is to be replaced?

Domestic water circulator pump is existing to remain.

- F. Please advise if existing Expansion Tank and Air Separator is to be replaced.

Provide new expansion tank and air separator

- G. Please advise if any insulation has been tested for Asbestos (ACM), existing insulation is suspect and is to be excluded from the scope of work.

Per Al Pisano, we are arranging for the performance of asbestos testing. An amendment will be posted regarding the asbestos later this week.

1. Please advise estimated project start date.

Start date is as soon as possible after signing of contract. Completion target is September 30, 2022.

2. Please advise if there is any known asbestos surrounding the associated scope of work.

No asbestos in Town Hall or YCC, but PD must be tested.

3. Town of Yorktown – Town Hall

- a. Please indicate Burner Specification Model Numbers for (2) replacement Boilers.

The Powerflame burner should be coordinated with the final boiler selection.

4. Town of Yorktown – Police Department

- a. Please indicate Burner Specification Model Numbers for (1) replacement Boiler

The Powerflame burner should be coordinated with the final boiler selection.