TOWN OF BURLINGTON, MASSACHUSETTS
July 1, 2020
ADDENDUM NO. 1

TO

CONTRACT DOCUMENTS
FOR
Town Library HVAC Controls Upgrade
20C-192-0079

The following changes and additional information are hereby made part of the Contract Documents:

Updated: Project Description

- The following page will replace the Project Description page (4) in the bid documents.
- Also added as Appendix A the HVAC plans.
PROJECT DESCRIPTION

Scope

The work under this contract will include all equipment, labor, material, supplies, etc. necessary to furnish the work described in this contract.

Controls for the building shall include but is not limited to the following:

- Furnish & install new energy management system as manufactured by Johnson Controls Supervisory controller to replace all pneumatic controls in the building. System to be web accessible.
- Furnish and install Bacnet/MSTP communication bus daisy connected to all FPT/VAV boxes on each floor.
- Furnish and install all control interlock wiring required for a turnkey installation.
- Provide full color graphics reflecting all equipment on the new DDC system including floor plan graphics.
- FPT/VAV Boxes: Furnish and install new controller, space sensor, discharge air sensor, start/stop/status supply fan, hot water valve replacement, actuator and wiring for each box. (Typ. of 30)
- Provide and install new controller, space sensor, start/stop/status, wiring and all items necessary for each Unit Heater located in the basement (Typ. of 5)
- Provide and install controls for the boiler and the new hot water mixing valve
- Provide and install controls for the 2 hot water pumps
- 2 RTU’S: The new RTU’s will be Bacnet compatible. Provide and install all items necessary to control and monitor both discharge air temperatures, modulate heating and cooling based on building demand, control dampers, modulate supply fan and return fan based on building pressure and duct pressure, and provide start/stop/status of each unit.
- Provide and install new controllers for all exhaust fans 3 in the basement, 1 in the attic and 1 in the roof.
- Programming, commissioning & checkout.
- Configure trends & alarms on all points. Critical points can be configured to email or text a pre-determined list of recipients.
- System must have room for future expansion. Exterior lighting, temperature monitoring, ejector pump control and monitoring etc.
- Contractor shall apply for applicable rebates from utility companies on behalf of the town
- Training must be included in bid price
- Contractor must obtain all necessary permits to complete the scope of work. The Town of Burlington will waive local permit fees.
- See attached plans for unit locations.