

# J.J. BAFARO Inc.

PLUMBING - HEATING - AIR CONDITIONING - SPRINKLER CONTRACTORS

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Mr. Eric Lane  
Advanced Math and Science Academy  
201 Forest Street  
Marlborough, MA 01752

November 18, 2022

RE: Replacement of (2) existing Carrier chillers with new specifications for future expansion

Dear Eric,

We are pleased to provide to you our proposal for the above referenced work

The work on this project is based on the engineering that was done previously by JMR Designs

The pricing is valid for 30 days and our scope of work would include the following:

- Recover the refrigerant from the (2) existing chillers
- Disconnect, remove and dispose of the (2) existing chillers and (2) existing cooling towers
- Disconnect, remove and dispose of all the existing chilled water piping, pumps and expansion tank
- Provide and install a new Carrier, AquaSnap, 115 ton, outdoor, air cooled chiller in the space next to the mechanical building
- Provide and install a 750 gallon chilled water buffer tank for the chilled water system
- Provide and install (2) Grundfos, 10 Horsepower, chilled water, circulation pumps with built in VFD's
- Provide and install a new B & G floor mounted expansion tank

- Provide and install all necessary chilled water piping for the new chiller including suction diffusers, flex connectors and triple duty valves
- Insulation of all new piping and components
- Provide, install and integrate a pump controller for the (2) new Grundfos pumps
- Provide and install all necessary water supply piping including pressure reducing valve and backflow preventer
- Start up and test new chiller operation with factory assistance
- Hole coring
- Crane & rigging service

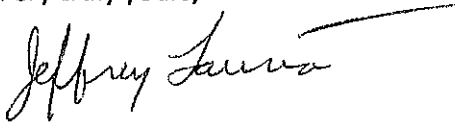
**Cost: \$313,866.00**

Excluded from the above pricing is the following:

- All electrical work
- Glycol and labor to install
- Roof repair after the existing cooling towers are removed
- Water testing of the existing water in the chilled water loop
- Cleaning and flushing of the existing piping in the chilled water loop
- Premium time (All work to be done during normal business hours)

If you have any questions, please call

Very truly yours,



Jeffrey Lauria  
HVAC/R Service Manager

JL:JL