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HOUSATONIC
COMMUNITY COLLEGE



DERBY
HIGH SCHOOL

Advanced Manufacturing Technology Center

Timeline

01/2/19

License Agreement for Housatonic CC to use laboratory and classroom space, G01 and G03, located on the ground floor of Derby High School.

02/19/19

Purchase Order Issued to GDonovan Contractors

04/30/19

Project was completed

05/06/19

Ribbon Cutting Ceremony



Objective

- Provide College credit courses to Derby High School students
- Transfer 16 credit hours – applicable to HCC Industrial Technology Degree Program. Upon completion of:
 - Metrology
 - CNC Machining
 - Bench work
 - Solid works



Goal

- College Connection Program with high school students
- Non-Credit Advanced Manufacturing Program for adult learners, and incumbent worker population



Budget and Cost

Task	Budget	Actual Cost
Equipment Cost	\$306,657.0	\$360,657.0
Tooling and Cabinets	\$104,732.2	\$79,931.0
General Constructon	\$85,000.0	\$85,000.0
Riggers	\$12,000.0	\$15,700.0
Data/ cabling	\$8,000.0	\$0.0
AC/dehumidifaction system/MP	\$105,000.0	
Total Cost	\$621,389.2	\$541,288.0

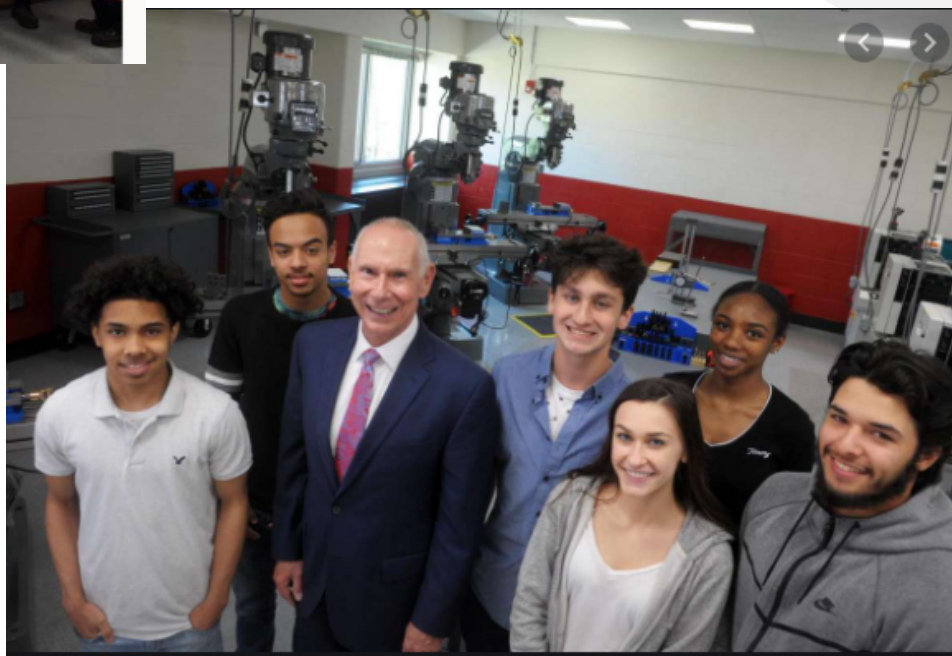
**The City of Derby Board of Education
in Partnership with
Housatonic Community College
Cordially Invites You To Attend The
**Ribbon Cutting Ceremony for the
Advanced Manufacturing and Technology Center****

May 6, 2019

9:00 a.m. Ribbon Cutting
75 Chatfield Street, Derby, CT



RSVP to (203) 736-5027
by 4/26/2019
dgotowala@derbyps.org



Advanced Manufacturing Technology Center

Issues

- Summer 2020

Due to high humidity in the machine lab, moisture accumulated on electronic components on the machines, resulting in corrosion.

- Target

- Design an HVAC system that will remediate the high humidity and provide AC in the Machine Lab, computer lab, and science room (add-alternate).

HVAC Upgrades

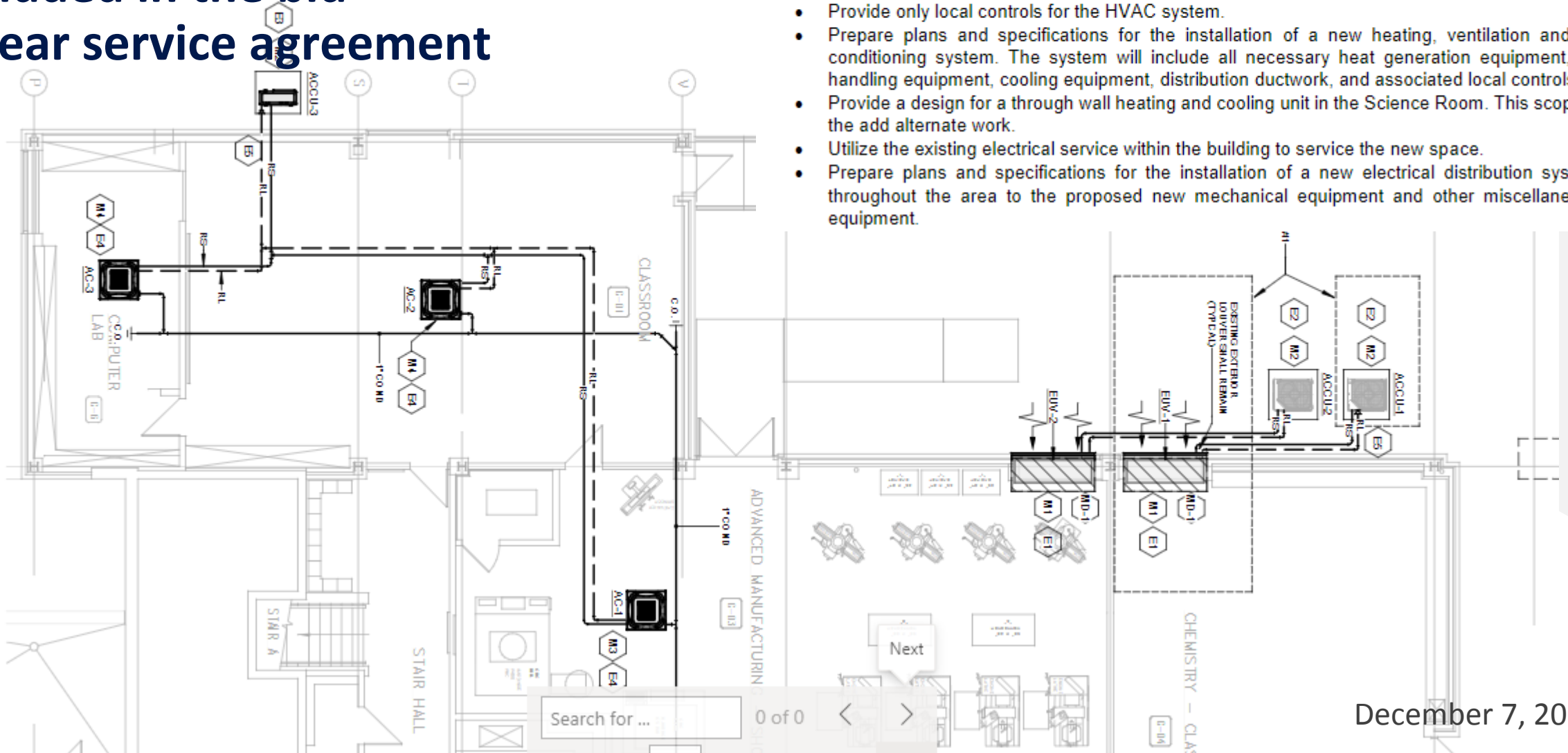
Included in the bid 2 year service agreement

1. Scope

Design a HVAC system that will remediate the high humidity and provide air-conditioning in the Machine Lab, Computer Lab and Science Room space which Connecticut State Colleges and Universities (CSCU) is leasing from Derby High School. The Science Room shall be designed as an add alternate.

The scope of work shall include, but is not limited to the following:

- Review the existing HVAC system within the Machine Lab, Computer Lab and provide a recommendation for a type of HVAC system to control the humidity within these two spaces.
- Provide only local controls for the HVAC system.
- Prepare plans and specifications for the installation of a new heating, ventilation and air conditioning system. The system will include all necessary heat generation equipment, air handling equipment, cooling equipment, distribution ductwork, and associated local controls.
- Provide a design for a through wall heating and cooling unit in the Science Room. This scope is the add alternate work.
- Utilize the existing electrical service within the building to service the new space.
- Prepare plans and specifications for the installation of a new electrical distribution system throughout the area to the proposed new mechanical equipment and other miscellaneous equipment.



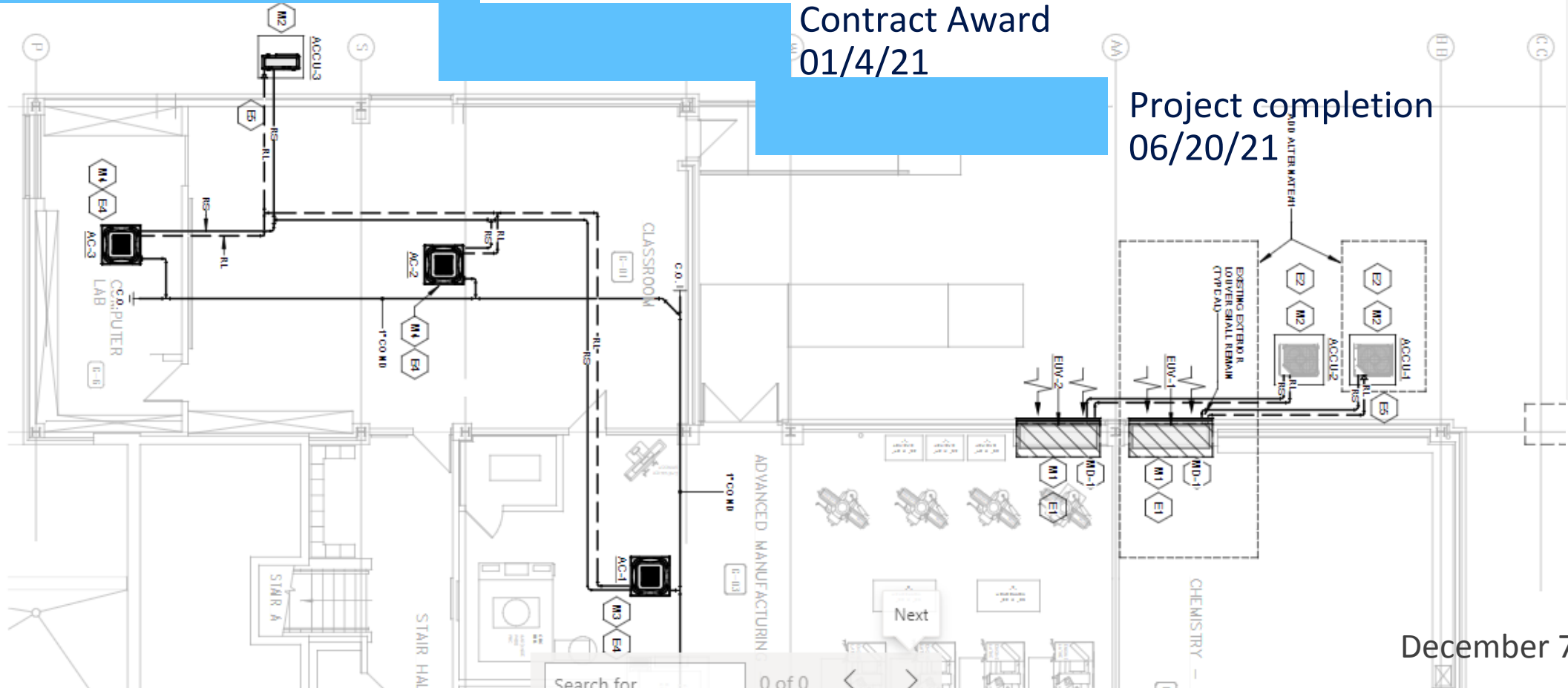
Time Line

Site Inspection
11/20/20

Bids are due
12/17/20

Contract Award
01/4/21

Project completion
06/20/21





Thank You.



Keith Epstein and Yolanda Hacia



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CSCU

This project is in collaboration with the state, Asnuntuck CC, Housatonic CC, City of Derby BOE, and Derby High School.

December 7, 2020