

JOB QUOTATION

QUOTE NO 1587

CHARLES M MORAN PLB & HTG, INC

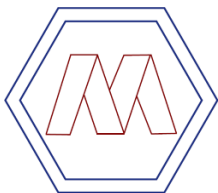
54 ALLEN ST.
CLINTON, MA 01510
Phone: (978) 368-0355
Fax: (978) 368-0890

TO THE COLLEGE CHURCH OF
SEVENTH DAY ADVENTISTS
337 MAIN ST.
SOUTH LANCASTER, MA 01561

QUOTE DATE	VALID THRU	JOB NAME--LOCATION	PAGE
8/30/2022	10/28/2022	COLLEGE CHRUCH HVAC UPGRADE	1

Thank you for the opportunity to quote the upgrade of the HVAC systems at the College Church in Lancaster, Ma. Our price is based on the engineering report by BER Engineering dated 4-15-22. Our price includes all the necessary labor, materials, equipment and permits for a complete installation. The scope of work includes:

- 1) Refurbishing the main air handler units in the church. Two of the air handlers have had the coils replaced within the last 2 years and those coils will remain in place. All 5 units will have new controls provided by Trane, new valves and sensors, and new piping. Three of the coils will be replaced. All belts and bearing will be replaced and repaired on all 5 units.
- 2) Removal and replacement of the 4 main circulator pumps with new high efficiency pumps with VFD drives, new controller by Trane, and new valves. Replace the expansion tank, air separator and automatic air vents on the heating system. Install Hw unit heater in boiler room.
- 3) Install a buffer tank, gasketed plate heater exchanger and glycol feeder system on the chiller system.
- 4) Install 3 electric reheat coils in AHU 3,4 & 5 for dehumidication in the summer time.
- 5) Add motorized damper (by Trane) and ductwork to the existing combustion air in the boiler room interlocked with the boiler system.
- 6) Provide all power wiring for new circulator pumps, reheat coils, and necessary power wiring for new control system. DMH Electric quote the job at \$35,000 with the work to be done on T&M not to exceed price.
- 7) Insulate all new boiler and chiller piping with fiberglass insulation. Install fire proof insulation on the duct from the kitchen hood at the exterior of the building.
- 8) Provide testing and balancing of all air and hydronic systems. Work with BER and Trane at the end of the project to do complete commissioning of all systems.



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Please note the Church is to contract with Trane directly for new BAS system and Trane is to provide all controls components necessary for the operation of the system. We advise the Church to purchase the 3 coils and the boiler room components this fall and store them in the building for a spring start of the project. The cost of the materilas will be \$83,700. Lead time is approximately 8-10 weeks for most of the equipment. There could be a significant price increase if the material are not bought at this time.

Please call if you have any questions.

Quoted by:

Michael J. Moran

Michael J. Moran,
President

ITEM NO	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENDED
	1	TOTAL THIS QUOTATION	285,000.00	285,000.00

TOTAL AMOUNT \$ 285,000.00

