

January 3, 2025

Mayor Barrett
Haverhill City Hall
4 Summer Street
Suite #100
Haverhill, MA 01830



PROJECT: Haverhill Consentino Middle School
Dore + Whittier Project No.: 21-0818
SUBJECT: Extra Service Request #22
Remote Noise Monitoring

Dear Mayor,

Please accept this fee proposal for remote noise monitoring of the Consentino School construction site. The scope of work includes the initial remote noise monitoring of both the construction site and the adjacent neighborhoods to determine the nighttime level of noise. This task will include members from the acoustical team driving through the neighborhoods with handheld meters. This scope of work also includes placing remote monitors to record the noise levels for 30 days. The neighborhood monitoring will occur once per week for four weeks. A report will be issued following the 30-day monitoring period. A more detailed explanation of this work is provided on the attached pages.

Acentech	\$7,900
D+W 10% Mark-up	\$ 790
TOTAL	\$8,690

All other agreements of the prime contract remain unchanged.

Sincerely,

DORE + WHITTIER

Accepted:

Architects • Project Managers

Michele Barbaro-Rogers AIA, NCARB, MCPPO, CPTED
Project Manager

CC: DW, DAG, LPD, KG, File

Haverhill School District
Mayor Barrett
City of Haverhill

Date: _____



January 2, 2025

Michele Barbaro-Rogers
Dore + Whittier
260 Merrimac Street
Building 7, 2nd floor
Newburyport, MA 01950

Email: mrogers@DoreandWhittier.com

Subject: **Proposal for Additional Acoustics Consulting Services (Remote Noise Monitoring)**
Consentino Middle School
Haverhill, MA
Acentech Proposal No. P634475_AD3

Dear Michele,

Thank you for requesting this proposal for additional Acoustics Consulting services for the Consentino Middle School project. We understand that since the project has entered into construction, several neighbors to the east of the property have expressed concerns with noise from overnight construction equipment (primarily fans and other equipment used for curing concrete). The Owner would like us to assess noise levels on site to determine if sound levels from this equipment are exceeding local and state noise codes and, if so, for us to provide recommendations for mitigation methods.

To this end, we propose the following scope of services.

SCOPE OF SERVICES

Task 1: Initial Site Measurements

1. We will begin with a visit to the site, in the evening, to measure sound levels (presumably from the construction equipment) at the site property line and along the public road of the neighborhood that includes the impacted residents. This initial site survey will use handheld sound level meters to record spot measurements of sound levels, to determine if the nighttime noise criteria is exceeded. At this time we will also walk through the site to determine the best locations for our remote sound monitoring equipment.
2. Following this initial site assessment we will provide a memo detailing our measurement results and plan for the remote monitor locations. We will extrapolate our measured data as needed to estimate the sound levels at the neighbors' property line and house façade to determine if the noise criteria is likely to be exceeded.
3. We will then be available to meet with you to discuss the results and next steps and whether noise mitigation measures will be needed.

Task 2: Remote Monitoring and Attended Measurements

1. If, after our initial site survey, we determine that long term monitoring will be required, we will return to the site to install long term sound monitors at the locations determined in our initial site assessment. We anticipate the number of monitors could range from 1-4 systems depending on the site layout and locations that require monitoring.
 - a. We anticipate that these monitors will be in place for at least 1 month, with an option to extend the monitoring period if needed.
 - b. We anticipate that the monitors will require battery power, unless power from the project site can be provided. Battery powered monitors will require site visits every 3-4 days to replace batteries.

- c. The data from these remote monitors will be available in real time to you and the owner via a password protected website.
2. Per the owner's request, we will also be available to visit the site four times (once per week) in the evening to perform attended measurements at the property line and public areas of the neighborhood.
 - a. Following each attended measurement, we will provide a brief memo summarizing our measurement results.
3. Near the end of the 1 month measurement period we will meet with you and the owner to determine if additional monitoring is required.

CONSULTING FEES / TERMS AND CONDITIONS

We propose to provide the acoustic consulting services described above under TASK 1 only for a fixed fee of \$4,500, not including expenses for travel, in accordance with our previously agreed upon Terms and Conditions.

The fees for TASK 2 will vary depending on the number of monitoring systems needed, and whether they will be battery powered or receive power from the site. We have provided a table below with typical costs for your reference.

Task/Equipment	Fee
Base Scope (coordination, meetings, equipment and website preparation)	\$4,000
1 Remote monitoring System for 1 month	\$1,300
Site visits to perform attended measurements and memo (per visit)	\$2,000
Site visits to change batteries for battery powered systems (per visit) (Visits are anticipated 1/week if attended measurements are also planned, 2/week if no attended measurements are planned)	\$600

My colleagues and I are eager to work with you toward a successful outcome on this project. Please contact me if you have any questions or if I can modify the attached proposal to better suit your needs. You can reach me at 617-499-8031 or at rconnick@acentech.com.

Sincerely,



Robert Connick

Principal

CC: Ioana Pieleanu, Marc Newmark (Acentech)

Accepted for **Dore + Whittier**:

Name (Print): _____

Signature: _____

Title: _____

Date: _____