



MICHAEL PLICKYS, P.E.
DOUGLAS CAMP, P.E.

MACCHI ENGINEERS, LLC

Diversified Structural and Civil Engineering Services

January 13, 2026

Ms. Katie Black
Senior Designer
id3A, LLC
655 Winding Brook Drive
Glastonbury, CT 06033

Re: Civil Engineering Add. Service Proposal . Generator Replacement
Naugatuck Valley Health District (NVHD)
98 Bank Street
Seymour, CT 06483

Dear Katie,

Macchi Engineers is pleased to provide this additional service scope of work and fee proposal for the potential replacement of the existing generator for the above referenced project.

We understand there are two (2) Generator Design options being considered both with diesel belly tanks for the fuel supply. The first being a full building stand-by 250-KW generator measuring 6q0+x 13q6+. This option would support full building back-up, including full heating and cooling, IT requirements, clinic and operations center. The second would be a partial stand-by 125-KW generator measuring 4q6+x 12q6+. This option would support heating and cooling in building, but back-up power and operations for the command center, clinic area, and IT requirements only. Also, full building power and lighting back-up would not be provided.

In general, the scope will provide a site design for the sitting of the proposed generator. The site plan will provide the necessary items such as:

- Erosion and Sedimentation Plans
- Site Preparation and Demolition Plans
- Layout and Material Plans . including the generator slab.
- Site Grading and Retaining Wall (if required) Plans.
- Site Details

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The following assumptions have been made in the preparation of this proposal:

1. The proposed generator location will be in general vicinity of the existing equipment and standalone fuel tank. There will be sufficient site area for the proposed generator options within the existing area without affecting the existing vehicular access drive.

We will defer to the MEP Engineer for the proposed generator location but typically code requirements for the generator placement require a minimum of 5q0+from building and 20q0+from any openings (doors/windows/vents).

2. Additionally, any desired or required fencing enclosures design is included but will also meet the requirements of the above item number one.
3. Acoustic measuring and sound attenuation design will be provided by others if required.
4. Since the generator fuel source is planned to be diesel connection to natural gas in the street will not be required but can be provided as an additional service if desired.
5. Geotechnical explorations and recommendations will be provided for the design of any necessary retaining walls and equipment pads.
6. Local Planning and Zoning (P&Z) permitting is not included but can be provided as an additional service if desired.
7. Environmental assessments or testing are not included.
8. Site landscaping design is not included.

Our firm will provide services for the following scope of work.

SCOPE OF WORK

Schematic Design

1. Review all existing information on the site and topographic survey relating to the expanded scope of work.
2. Complete a site visit to evaluate the existing conditions.
3. In conjunction with the MEP Engineer review and establish the need to relocate any existing utilities or equipment resulting from the expanded scope of work.
4. Prepare two (2) Conceptual Site plans for each option.
5. Coordinate with other subconsultants such as Architect, M/E/P, Geotech, etc. as required for the expanded scope of work.
6. Attend a maximum of one (1) virtual coordination meetings with the Design Team for the expanded sitework.

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Design Development

1. Based on the selected option prepare Civil Engineering Design Development Drawings to include the following:
 - a. Site Preparation and Demolition Plans
 - b. Erosion Control Plans
 - c. Proposed Site Layout and Materials Plans (Including Generator Slab)
 - d. Site Grading and Retaining Wall (if required) Plans
 - e. Site Utility Plans (Generator Utility Trenching Routing to be Provided MEP Engineer)
 - f. Plan Enlargements and Details
 - g. Site Details
 - h. All other plans and details to adequately define all elements of the facility and site as required to a Design Development level of detail.
2. Prepare any additional Technical Specifications related to the expanded scope of work.
3. Submit the Design Development Design drawings and technical specifications.
4. Attend a maximum of one (1) virtual coordination meetings with the Design Team for the expanded sitework
5. Review design development estimates prepared by the project estimator.

Construction Documents

1. Prepare and finalize the Construction Document drawings and incorporate any necessary revisions from the Design Development review comments.
2. Finalize the Technical Specifications related to expanded scope of work.
3. Attend a maximum of one (1) coordination meeting with the Design Team as required for the expanded scope of work.

Bidding

1. Include the additional scope of work in the Contract Documents for reproduction. The drawings shall be stamped and signed.
2. Provide digital copies of the contract documents.
3. Attendance at the Prebid meeting is covered in the subsequent proposal.
4. Review and respond to bidders Requests for Information (RFI). Provide addenda for any expanded scope of work items.

Contract Administration

1. Review contractor's shop drawings and schedule of construction values related to the additional service work.

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2. Expanded site visits to review the expanded scope of work for general conformance with the Contract Documents. The subsequent proposal outlines the anticipated construction duration and attendance at meetings.
3. Respond to contractor's RFI's, prepare modification bulletins, and assist in the preparation of change orders related to the additional service work.
4. Review the construction site work and prepare a final punch list for substantial completion related to the additional service work.
5. Provide the owner with final as-built drawings based on information provided by the contractor related to the additional service work.

F E E P R O P O S A L

We will provide the above scope of work for the lump sum fee of **\$11,500**. The fee is broken down in accordance with the following table:

PHASE	Fee
Schematic Design	\$2,250
Design Development	\$5,750
Construction Documentation	\$1,750
Bidding	\$ 500
<u>Construction Administration</u>	<u>\$1,250</u>
TOTAL	\$11,500

Any additional services, meetings, site visits or any item beyond the scope identified above will be in accordance with the hourly fee schedule shown below.

Principal	\$240.00
Project Manager	\$195.00
Senior Engineer	\$175.00
Engineer	\$150.00
CAD Operator	\$115.00
Technician	\$115.00

We look forward to working with you on this project and if you have any questions or require any additional information, please feel free to contact us.

Sincerely,
MACCHI ENGINEERS, LLC



HERBERT S. MAY, JR., P.E.
Chief Civil Engineer