

# Woodbridge School District - Staff Report

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To: Woodbridge Board of Education / Finance Committee

From: Donna Coonan – Director of Business Services & Operations

Date: August 6, 2025

Subject: Micro-turbine Maintenance Contract

## 1. Purpose of Report

This report contains information to assist the Board in making a decision regarding the renewal options for the maintenance of Beecher Road School's micro-turbine.

## 2. Background / Context

The Capstone Micro-turbine was installed as part of the 2016 building upgrade. The equipment has a 30+ year useful life, and it is estimated to save us around \$64K annually in energy costs. In addition to saving energy, the system provides our emergency hallway lighting when the power goes out. The previous 9 Year Service Agreement expired on June 30, 2025.

## 3. Analysis / Key Information

RSP Systems has offered us two options for a service agreement. Option A is the Comprehensive Service Program where parts and labor are included in the annual fee. Option B only includes labor for service calls and repairs, and the district would have to pay extra for any necessary parts required.

- The price of the of Option A is almost double our prior contract's annual fee. However, staff still feels that Option A is the more cost effective option as we are due for a major overhaul in the next three years and the parts alone on that job are estimated at \$80,000. The difference in price between including parts or not including parts for the five-year contract is \$68,585.
- Option A is approximately \$15,000 more than we budgeted in the current fiscal year, but at least the total cost is known. The total budget implications of Option B are unknown.
- The Facilities staff has a good relationship with this vendor and they are reliable, they show up when they say they will and finish their work to completion.

- Staff attempted to obtain quotes from other suitable vendors (Advanced Turbine Services, LLC, Ethos Energy Accessories and Components and Turbine Maintenance Inc.) but no other vendor is able to provide the required service on this system. RSP Systems is the only Capstone authorized distributor in Connecticut.

#### **4. Recommendation(s)**

Staff recommends that we enter into a new five-year agreement with RSP Systems for the Comprehensive Service Program and that the Board waive the bid requirement and consider them a sole source vendor for this work.

#### **5. Attachments / Appendices**

RSP Systems Service Program Renewal Letter dated July 11, 2025



July 11, 2025

Woodbridge School District  
11 Meetinghouse Lane  
Woodbridge, CT 06525

RE: RSP Systems Capstone Turbine Service Program Renewal Options

Dear Vito Vesparo,

Thank you for being an RSP Systems service program client for the past 9 years. Your system has had many years of successful operation providing you with significant energy cost savings and a reduced carbon footprint. Your current program is at or approaching the end of the current term. The old contract included parts and labor for scheduled and unscheduled services and was provided previously at a flat annual rate for the past 9 years (07/01/16 – 06/30/25).

The Capstone turbine asset at your facility is expected to perform effectively for 30+ years with good preventative maintenance and scheduled service tasks performed at certain intervals based on run time hours. The parts and components inside your unit are of high quality and many are comprised of precious metals, circuit boards and materials that are unique and expensive. In the past 5 years, many of these items have doubled in cost (Not due to tariffs) and accordingly, the cost of new equipment and new parts inclusive services programs have increased as well.

The attached proposal for your next 5-year service program offers (2) choices for your consideration:

The “**Comprehensive Service Program**” is most similar to the previous all-inclusive contract (parts and labor) and would provide comfort to ownership with predictable OPEX for 5 years. All labor + material risks are on RSP Systems and Capstone.

COMPREHENSIVE SERVICE PROGRAM	
Year 1	\$31,656.00
Year 2	\$32,923.00
Year 3	\$34,239.00
Year 4	\$35,609.00
Year 5	\$37,033.00
TOTAL	\$171,461.00

The “**Silver Service Program**” provides all the same benefits of the comprehensive service program except NO parts, materials, any components or sundries are included. All parts and materials will be billed for at the prevailing prices, the risk of parts, materials

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components and sundries are on ownership/ Customer. All labor (regular time) for all service calls, repairs scheduled + unscheduled, engine work, engine replacement, etc. are included and covered at no charge.

<b>SILVER SERVICE PROGRAM</b>	
<b>Year 1</b>	<b>\$18,994.00</b>
<b>Year 2</b>	<b>\$19,754.00</b>
<b>Year 3</b>	<b>\$20,544.00</b>
<b>Year 4</b>	<b>\$21,365.00</b>
<b>Year 5</b>	<b>\$22,220.00</b>
<b>TOTAL</b>	<b>\$102,876.00</b>

New Term Dates: 07/01/25 – 06/30/30

Both contracts include remote monitoring and the full support of RSP Systems to meet and exceed your service expectations. Prices quoted do not include tax if applicable and there is a 4% escalator included after year 1. Please review the attached summary for the two options and contact Vince Zardus or Melissa Ovalles if you have any questions or to obtain the formal agreement for the service program that you would like to move forward with.

Sincerely,

Cory I. Glick,  
President & CEO