



CITY OF MOUNT VERNON, N.Y.

DEPARTMENT of PUBLIC WORKS

SHAWYN PATTERSON-HOWARD
Mayor

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DAMANI L. BUSH
Commissioner

JOHN NUCULOVIC
Deputy Commissioner

06 February 2025

Honorable City Council Members
The City of Mount Vernon
Mount Vernon, New York
(Through the Office of the Mayor)

Re: **Proposal -- [Purchase of One (1) Combo Vacuum Truck – Funding Source: (1) State Aid Sewer Capital; and (2) Equipment Sewers]**

Dear Honorable City Council Members,

1. PURPOSE. This communicate is hereby respectfully submitted in support of the acquisition of an indispensable apparatus for the city of Mount Vernon, almost all of which will be directly paid to our City from USEPA/EFC.

2. BACKGROUND. This specific apparatus, on-hold currently with the vendor, has been approved for Purchase by the Environmental Finance Centers of the United States Environmental Protection Agency.

The apparatus sought herein is a "Sewer Combo Truck" (also known as a **combo vacuum truck** or **vacuum truck** with a jetter) which is a specialized vehicle used for cleaning and maintaining sewer systems. It combines two main functions, **vacuuming** and **high-pressure water jetting**.

2.A. Current Inventory. Our inventory has two pieces of apparatus that can be viewed as related to the Combo Truck: (1) a Clamshell Truck; and (2) a Flusher Truck.

The clamshell truck which is routinely down and is currently again out of service. Over the course of the past five months, it has been out of service for more than a day/diagnosis more than eleven times, including complex electrical issues, and issues requiring manufacturer's expert intervention, with requisite trip to Long Island, N.Y. These many and sometimes multifaceted interruptions in service have not been due to lack of prowess concerning preventative nor corrective maintenance, nor misuse by staff. Moreover, by design, the clamshell is designed/intended to be used for heavy construction or, more often here, cleaning catch basins, not for sewer work.

Our Flusher Truck is even much less effective, both in number of days out of service and severity of issue. In less than two years it has spent two months straight at the dealer in Connecticut four times. We actually rate this unsafe/inoperable, and only have used it in extreme emergencies in recent times. It was a damaged demo model purchased with limited funds in 2018, even needing repair on the day of purchase. The intense industrial/commercial use of this apparatus was outside of this apparatus' capability causing its death, as it were.

*This proposed Combination Sewer Truck, which has been specifically designed to ensure the optimal performance and longevity of this essential piece of equipment.

"The Jewel of Westchester"

2.B. *Useful Life Expectancy/Maintenance.* The Combination Sewer Truck is built to withstand rigorous daily operations and is expected to have a useful life of approximately 10-15 years, depending on usage conditions, frequency, and adherence to maintenance protocols. However, with proper care and regular maintenance, the lifespan of the vehicle may extend beyond this period. We have collaborated with Garage Superintendent to ensure the Combination Sewer Truck remains in optimal working condition, with the agreed upon preventative maintenance schedule with regard to Daily, Monthly, Quarterly, and Annual inspections and checks. This plan outlines the expected useful life of the vehicle, routine maintenance procedures, and guidelines to maximize its efficiency and reliability over time.

3. JUSTIFICATION. With this apparatus, C.M.V.D.P.W. can prevent blockages, overflows, and other sewer-related issues that could exacerbate the issues with our already aging infrastructure. This proactive approach will help mitigate the risk of costly emergency repairs and reduce the likelihood of service disruptions. In addition, the enhanced efficiency and reliability of the truck will enable the city to better manage the ongoing challenges associated with our aging sewer and stormwater systems, ultimately extending their operational life and ensuring that they continue to serve the residents of Mount Vernon effectively.

Moreover, it affords us the opportunity to perform work in-house rather than contract out. And finally, it allow us to vacuum and jet miles of pipe that we are under a USEPA Consent Decree to clean, inspect, and replace (if necessary) under a tight time frame.

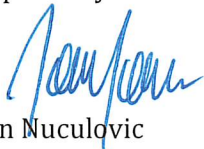
4. FUNDING/PROCUREMENT. The apparatus on hold is available via a Sourcewell Contract which is cooperative purchasing agreement that allows government agencies, non-profits, and educational institutions to procure goods and services at pre-negotiated prices. As Sourcewell goes to RFP and negotiates the terms/prices contracts, these rates and contracts are available for any government entity or eligible organization (including schools, municipalities, and non-profits) to use, saving us valuable time of the RFP process.

The total cost of the apparatus and requisite encumbrances (coverage, warranties, procurement contracting services) is 580,740.69USD. As previously eluded to in Paragraph One of this document, the EFC will pay for 96.64% of the costs, 561,226.21USD, sans aforementioned requisite encumbrances, leaving Mount Vernon to pay only the balance 3.36%, which is 19,514.48USD.

As such, we seek funding as follows: (1) **19,514.48USD** from **A8120.203 Equipment [Sewers]**; and (2) **561,226.21USD** from **H8120.203 C956**, via **H3990 C956 [State Aid Sewer Capital]**.

We again thank the City Counsel for their time and support.

Respectfully Submitted,



John Nuculovic
Deputy Commissioner of Public Works

Enclosures: (1) Estimate – Hudson Machinery LLC (297 – REVISED)
(2) Estimate – Hudson Machinery LLC (298)

Hudson Machinery LLC

37 West Washington Ave

Pearl River, NY 10965

Estimate

Date	Estimate #
1/13/2025	297-REVISED

Name / Address
Mt. Vernon DPW 1 Roosevelt Sq room 108 Mount Vernon, NY 10550

Ship To

Terms	Rep	FOB	Project
Net 30	NL		

Item	Description	Qty	Rate	Total
Camel 1200 EJ	2023 Super Products Camel 1200 Ejector Body. 8" vacuum system, Roots type PD Model 827 18" hg and 5500 CFM. 80 GPM A 2500 PSI Water system. Mounted on 2023 Freightliner FL114SD, Cummins X12 455 HP @ 1900 RPM 1550 ft-lb @ 1000RPM. 4000RDS Allison automatic transmission. VIN 1FVHG3FM4PHNW5300. As specified in Super Products quote # 23-0413.	1	561,226.21	561,226.21

Subtotal	\$561,226.21
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Sales Tax (8.375%)	\$0.00
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Total	\$561,226.21
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37 West Washington Ave
Pearl River, NY 10965

Date	Estimate #
12/29/2024	298

Name / Address
Mt. Vernon DPW 1 Roosevelt Sq room 108 Mount Vernon, NY 10550

Ship To	

Terms	Rep	FOB	Project
Due on receipt	NL		

Item	Description	Qty	Rate	Total
Sourcewell Fee	Sourcewell Fee - Combination Vacuum Truck	1	8,508.48	8,508.48
Ext. Chassis Warr...	Extended Chassis Warranty	1	5,131.00	5,131.00
Towing coverage	Freightliner towing coverage. \$1200.00 max. reimbursement.	1	2,875.00	2,875.00
Cummins X12 wa...	Cummins X12 Extended Warranty Coverage. Engine and aftertreatment warranty.	1	1,625.00	1,625.00
Allison warranty	Allison transmission warranty.	1	1,375.00	1,375.00

	Subtotal	\$19,514.48
	Sales Tax (8.375%)	\$0.00
	Total	\$19,514.48