



CITY OF MOUNT VERNON, NEW YORK
DEPARTMENT of PUBLIC WORKS

SHAWYN PATTERSON-HOWARD
Mayor

City Hall
One Roosevelt Square – Room 108
Mount Vernon, NY, 10550
(914) 665-2343 – Fax: (914) 665-2476

DAMANI L. BUSH
Commissioner
ROBERT L. HACKETT
Deputy Commissioner

May 30, 2024

Honorable City Council
Of the City of Mount Vernon
City Hall, Mount Vernon, New York
(Through the Office of the Mayor)

RE: **“REQUEST FOR PERMISSION TO RELEASE AN RFP FOR CITY-WIDE IMAGERY AND LIDAR SCAN”**

Dear Council Members:

I am writing to request your approval to release a Request for Proposals (RFP) for the procurement of technology companies capable of conducting comprehensive city-wide imagery and LiDAR scan. This initiative aims to assess various infrastructural elements including pavement conditions, sidewalk conditions, traffic infrastructure and signage, tree inventory, and other critical attributes.

The primary objective of this project is to create a robust data inventory and asset management system that will significantly enhance our capability to maintain and improve the city's infrastructure. By leveraging advanced imaging and LiDAR technology, we will be able to:

1. **Pavement Condition Assessment:** Accurately determine the current state of our roads, allowing for informed decision-making regarding maintenance and repairs.
2. **Sidewalk Condition Evaluation:** Identify hazards and areas in need of improvement to ensure pedestrian safety.
3. **Traffic Infrastructure and Signage Analysis:** Capture the locations of all traffic signs and equipment to maintain and optimize traffic flow safely through a detailed examination of existing infrastructure and signage.
4. **Tree Inventory:** Develop a comprehensive inventory of the city's trees, facilitating better management and care of our urban forest.
5. **Comprehensive Asset Management:** Collect and analyze data on various other city assets, leading to improved efficiency in asset management and resource allocation.

This project is not only pivotal for enhancing the city's infrastructure management but also plays a crucial role in fulfilling our financial match obligations in various grants awarded to the city such as the USDOT Safe Streets for All (SS4A) and Urban and Community Forestry Grants. The collected data will provide the necessary documentation and justification required to secure and match grant funding, thereby maximizing the financial resources available for city projects. This data will also assist immensely in the design and implementation of the City's Complete Streets plan.



CITY OF MOUNT VERNON, NEW YORK
DEPARTMENT of PUBLIC WORKS

SHAWYN PATTERSON-HOWARD
Mayor

City Hall
One Roosevelt Square – Room 108
Mount Vernon, NY, 10550
(914) 665-2343 – Fax: (914) 665-2476

DAMANI L. BUSH
Commissioner
ROBERT L. HACKETT
Deputy Commissioner

I firmly believe that the implementation of this technology-driven assessment will bring significant benefits to our community. It will ensure that our infrastructure is well-maintained and that our investments are strategically directed towards areas of greatest need. Additionally, it aligns with our commitment to leveraging innovative solutions for better urban management.

I respectfully request the City Council's approval to proceed with the release of an RFP for the selection of a qualified technology company to perform the city-wide imagery and LiDAR scan. Your support in this endeavor is essential for the continued improvement and sustainability of our city's infrastructure.

Respectfully,

Damani L. Bush
Commissioner of Public Works
DB/db
CC: Comptroller's Office
Law Department
Engineering Bureau
Purchasing Department
Contracts File