

**MAYOR AND CITY COUNCIL OF LAUREL
OFFICE OF THE CITY ADMINISTRATOR
ENVIRONMENTAL PROGRAMS**

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August 19, 2024

MEMORANDUM

TO: Mayor Keith R. Sydnor
Council President James Kole
Laurel City Councilmembers

THRU: Joanne Hall Barr, Deputy City Administrator *JHB*

FROM: Michele Blair, Sustainability Manager *MB*

SUBJ: Purchase – Rehrig Vision Service Verification Hardware/Software

As part of the City's commitment to long-term sustainability, the Mayor and City Council passed Ordinance No. 2010, which established the organics composting program and defined compliance of collection and provided an effective date.

Education and Outreach as well as compliance is based on accurate reporting of collections and areas of compliance that need to be addressed. The Rehrig Vision Service Verification Hardware and Software is an addition to the existing Vision Inventory Software and will enable the City to gather data on city-wide collections, provide the collection crews with a means to safely and effectively report such issues, accurately manage the City's assets (trash/recycling and composting carts) and enable the Sustainability Division to provide focused educational information to residents.

Background:

The vendor for this purchase is Rehrig Pacific Company, under **Omina/US Communities contract pricing (Contract #00254)**. Rehrig Pacific is a sole source vendor for the vision-based service verification platform supporting the current inventory system used by the City – Vision Software. The hardware can be mounted on multiple vehicles to accommodate new vehicles or vehicles that are out of service as necessary.

Specifications:

One-time cost \$99,300.00

- a. Vision RFID Reader – quantity 8 units for all trash/recycling and composting vehicles. Verifies location and type of collection using the built-in RFID tags on the collection carts.
- b. Observation Panel Kit – quantity 8 for all trash/recycling and composting vehicles. Allows the driver to report issues and flags them for staff review.
- c. RFID Reader Camera – quantity 8 – allows for picture of the address and allows staff to customize outreach and education.

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Software cost for 8 trucks -- \$14,400/year.

- a. Web-based collection data tracking, service verification reporting, live vehicle location, truck and route details in map center.

Funding:

Funding for this purchase is provided in the Adopted FY2025 CIP - Environmental Programs Project.

Recommendation:

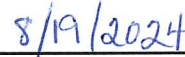
It is recommended that the City approve one-time purchase of the Rehrig Vision Service Verification Hardware (\$99,300) and provide for one year of the software costs (\$14,400) for a total purchase of \$113,700.

Should you have any questions or desire further information, please contact Michele Blair at 301-725-5300 extension 2203.

Reviewed for funding:



S. Michele Saylor, Director
Department of Budget and Personnel Services



Date