VILLAGE OF INDIANTOWN, FLORIDA
AGENDA MEMORANDUM

MEETING DATE: November 13, 2025

MEETING TYPE: Regular Village Council Meeting

AGENDA ITEM TITLE: Approval of a Purchase Agreement with Beaver Ecoworks LLC for Sewage Water Post-Treatment Trailer.

SUMMARY OF ITEM:

Consideration and Approval of Purchase Agreement with Beaver EcoWorks LLC for the Purchase of a Sewage Water Post-Treatment Trailer

Background:
The Village of Indiantown (Village) previously entered a pilot program with Beaver EcoWorks LLC (Beaver) to evaluate an innovative post-treatment solution designed to enhance the purification process of the Village's wastewater system. The objective of the pilot was to reduce dependency on chemical treatments while improving effluent quality. The pilot program yielded successful results, demonstrating both the efficiency and long-term viability of technology.

On July 25, 2024, the Village Council approved a short-term lease agreement with Beaver for the use of the Post-Treatment Trailer System. This lease period provided several months of operational evaluation to confirm system performance and determine eligibility for State Revolving Fund (SRF) financing. Following the completion of the evaluation and confirmation of SRF eligibility, the Village is now prepared to proceed with the purchase of the system.

System Overview:

The Sewage Water Post-Treatment Trailer was custom engineered for the Village's wastewater treatment plant to meet its specific operational and regulatory needs. Key features include:

- **High Flow Capacity:** Capable of processing up to

1,500 gallons per minute using three (3) independent 15HP pumps, ensuring rapid and efficient water treatment and discharge.

- **Comprehensive Treatment Capabilities:** Equipped with four (4) advanced oxidation reactors, four (4) ultra-fine bubble units, and a chlorine water injection system with a fully automated control panel. The system effectively oxidizes contaminants, pathogens, and impurities, achieving or exceeding applicable regulatory standards for effluent quality.
- **Mobility and Flexibility:** The trailer-mounted configuration allows for rapid deployment and relocation within the facility as needed, providing adaptable treatment capabilities without the need for permanent infrastructure.
- **Minimal Operational Disruption:** The unit's modular, self-contained design minimizes downtime and avoids costly infrastructure modifications, offering a cost-effective and efficient treatment solution.

Additional Information:
The Purchase Agreement includes a two-year warranty on parts and has been reviewed and approved for legal sufficiency by the Village Attorney.

FISCAL IMAPCT STATEMENT:

The total purchase price for the Post-Treatment Trailer System is $819,000.00, less a lease credit of $348,075.00, resulting in a final balance due of $470,925.00. The purchase will be financed through the FDEP Wastewater CIP Fund- Capital Machinery and Equipment (4500-530-535000-00-6400-00).

RECOMMENDATION:

Motion to approve the Purchase Agreement with Beaver EcoWorks LLC in the amount of $470,925.00 for the acquisition of the Sewage Water Post-Treatment Trailer System.

PREPARED BY: Kali Beams DATE: 11/03/25

ATTACHMENTS:
Description
Purchase Agreement