



## City of Boynton Beach Agenda Item Request Form

**Meeting Date:** 02/ 4/2025

**Proposed Resolution No. R25-040- Approve single-source purchase and issuance of a purchase order for a Vapex Radical Odor Control System for Master Lift Station # 317 from Vapex Environmental Technologies, LLC for an amount of \$169,750.**

**Requested Action:** Staff recommends approval of Proposed Resolution No. R25-040.

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**Explanation of Request:** Odor Control is crucial in lift stations to ensure a safe and pleasant environment for employees, businesses, residents, and visitors.

During 2024, Utilities participated in a ninety (90) day pilot study with Vapex Environmental Technologies' odor control technology, which helped mitigate the odor concerns at the station. Utilities requested a second study, which is currently underway, due to the failure of the existing odor control unit at Master Lift Station #317. The current study is scheduled to end next month, and Utilities recommends purchasing the odor control system to continue odor mitigation throughout the rehabilitation project of Master Lift Station #317.

Master Lift Station # 317 is scheduled to undergo a complete rehabilitation in the next two years, and included in the scope of work is a new odor control system. Following the completion of the rehabilitation project, the Vapex odor control unit will be removed and installed at other lift stations as needed in the future.

This purchase will be procured under the single source exemption for a total cost of \$169,750.00. Even though the documentation states we will pay 15% down, we will pay the total amount upon receipt of the item. The purchase will be done through a purchase order, which incorporates all of the City's standard terms and conditions for purchasing.

**How will this affect city programs or services?** Vapex radical odor control technology generates hydroxyl radicals, the second most powerful oxidant, and the oxidant most desired to quickly, efficiently, and effectively oxidize and disinfect contaminants, bacteria, and viruses in water disinfection. This technology will assist in preventing odor control issues at sanitary sewer lift stations and reduce health and safety risks associated with strong odors.

**Budgeted Item:** Yes

**Account Line Item and Description:** Funds are budgeted in CIP account # 403-5000-536-65.04 Project #SW2404.

**Fiscal Impact:** The fiscal impact to Utilities is for the amount of \$169,750 which is budgeted

in CIP account # 403-5000-536-65.04 Project #SW2404.

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**Attachments:**

[R25-040 Agenda\\_Item\\_2641-](#)

[2025\\_Resolution\\_for\\_Vapex\\_Environmental\\_purchase\\_of\\_Vapex\\_Radical\\_Odor\\_Control\\_System](#)

[Exhibit A to Resolution - Firm Proposal - FL Boynton Beach - LS 317 - 2025-01-07.pdf](#)

[Sole-Single Source Justification Form- Vapex.pdf](#)

[COI.pdf](#)

[W9.pdf](#)