



Mar 3, 2026

CITY COMMISSION STAFF REPORT

NMB Water Norwood Water Treatment Plant

SUBJECT:

Motion to approve and authorize a piggyback procurement with Vortex Services, LLC for Filters #1 and 8 Rehabilitation not to exceed \$271,782.00 for the NMB Water Norwood Water Treatment Plant.

BACKGROUND:

Filtration is a vital process in water treatment that removes particles and impurities. It is the final purification step before disinfection, which ensures the water is completely free of contaminants before entering the distribution system.

Recent inspection of filters #1 and 8 revealed corrosion in the underdrain system and degradation of the filter structure necessitating rehabilitation. Filter rehabilitation includes media replacement, underdrains cleaning, and structural recoating and is essential to maintain safe and efficient potable water production and ensure regulatory compliance.

ANALYSIS:

The proposed filter rehabilitation will restore operational efficiency, improve infrastructure sustainability, reduce maintenance cost, and improve water quality and regulatory compliance

Key Benefits

- Improve Water Quality & Regulatory Compliance
- Operational Efficiency
- Reduce Operational Costs:
- Infrastructure Sustainability:

Strategic Value: Supports the City's strategic objective of maintaining a high-performing utility delivering safe, reliable, and compliant potable water.



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SCOPE OF PURCHASE:

FL - North Miami Beach - Filters 1 & 8 Rehabilitation

- **Vendor:** Vortex Services, LLC
- **Contract Source:** Piggyback on Houston-Galveston Area Council - H-GAC 14548 - TP07-25
- **Purpose:** Norwood Water Treatment Plant Filters #1 and 8 Rehabilitation
- **System Function:** Improved Water Quality, Regulatory Compliance and Safety, Operational Efficiency and Cost Savings, and Improved Performance.

Item #	Item Description	Estimated Quantity Unit	Unit Price	Total Price
B16	Each Additional .5" Thickness - If Needed, For Build Back On Walls And Floor	1,999.00 SF	\$22.00	\$43,978.00
G19	Rehabilitation - 125 Mil Epoxy / Polyurea / Or Approved Equal (Includes Existing Coating Removal, Sand Blast, Remove Sand Blast Media, And Pressure Wash With 5-6K Blaster Coat Underdrain Center Flume Filter Arrangement, Applying 125mil (Structure Guard -Water) In Both Filters 1 & 8	1,999.00 SF	\$76.00	\$151,924.00
G19A	Rehabilitation - 125 Mil Epoxy / Polyurea / Or Approved Equal - Additional SF As Required	630.00 SF	\$76.00	\$47,880.00
P14	Mobilization - Florida	4.00 EACH	\$7,000.00	\$28,000.00
Total Bid Price:				<u>\$271,782.00</u>

Total Not to Exceed: \$271,782.00

- **FY26 – 410904-533347**

<u>General Ledger Acct. Number</u>	<u>Budgeted Amount</u>	<u>Available Amount</u>	<u>Available After Budget Transfer</u>	<u>New Request Amount</u>	<u>Remaining Amount</u>
410904-533347	\$1,181,290.33	\$860,421.00	\$0.00	\$271,782.00	\$588,639.00

RECOMMENDATION:

Staff recommends that the City Commission authorize the expenditure of \$271,782.00 for the Norwood Water Treatment Plant Filters #1 and 8 Rehabilitation.

ATTACHMENTS:

- Vortex Services Proposal
- H-GAC 14548 - TP07-25 Contract
- Piggyback Cooperative Purchase Request Form