



## Legislation Text

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**File #:** 22-1991, **Version:** 1

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**STRATEGIC PRIORITY:** Transportation & Infrastructure

**AGENDA DATE:** November 9, 2022

**COUNCIL DISTRICT(S):** 4, 8

**DEPARTMENT:** Water Utilities Department

**EXECUTIVE:** Kimberly Bizer Tolbert

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### **SUBJECT**

Authorize a professional services contract with Black & Veatch Corporation to provide engineering and consulting services for the City of Dallas Wastewater Facilities and Operations Strategic Plan - Not to exceed \$3,498,000.00 - Financing: Wastewater Construction Fund

### **BACKGROUND**

The City of Dallas owns and operates two wastewater treatment plants with a combined capacity of 280 million gallons per day as well as various lift stations and flow control/diversion structures. Dallas Water Utilities (DWU) completed its most recent Wastewater Treatment Facilities Master Plan in 2010. It analyzed future capacity needs, regulatory issues, future treatment requirements, infrastructure replacement needs, operation and maintenance practices, energy management, sustainability practices, security, and other issues in coordination with City of Dallas initiatives to develop a trigger-based capital improvements plan. Nearly all of the recommended projects in that plan meeting the requisite triggers have been completed or are currently under design or construction. It is now time to initiate a new Wastewater Facilities and Operations Strategic Plan that builds on the work of the previous plan and provides an updated road map for a 20-year planning horizon.

This action will authorize a professional services contract with Black & Veatch Corporation to develop a comprehensive strategic plan for DWU's Wastewater Treatment Facilities and Operations. The effort will consist of assessing the City of Dallas' treatment facilities and wastewater diversion and lift station facilities as well as the pretreatment program. The assessment will address infrastructure replacement needs, future capacity needs, regulatory issues, future treatment requirements, coordination with other City initiatives, operations and maintenance practices, energy management and physical facilities planning. The goal of the Wastewater Facilities and Operations Strategic Plan is to identify needs and use a comprehensive and systematic approach to establish priorities and develop recommendations for a long-range capital improvements plan.

The strategic plan will align wastewater treatment operation needs with other completed planning efforts and provide a holistic approach to the future operation, maintenance, and capital investment in DWU's wastewater treatment system. Black & Veatch Corporation will develop both short-term and long-term improvement recommendations and deliver the strategic plan in 24 months.

The consulting firm for this project was selected following a qualifications-based selection process in accordance with City of Dallas Administrative Directive 4-05 procurement guidelines.

### **ESTIMATED SCHEDULE OF PROJECT**

Begin Services	November 2022
Complete Services	November 2024

### **PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

This item has no prior action.

### **FISCAL INFORMATION**

Fund	FY 2023	FY 2024	Future Years
Wastewater Construction Fund	\$3,498,000.00	\$0.00	\$0.00

#### **Council District**

#### **Amount**

4	\$ 1,749,000.00
8	\$ 1,749,000.00
Total	\$ 3,498,000.00

### **M/WBE INFORMATION**

In accordance with the City's Business Inclusion and Development Policy adopted on September 23, 2020, by Resolution No. 20-1430, as amended, the M/WBE participation on this contract is as follows:

Contract Amount	Procurement Category	M/WBE Goal	
\$3,498,000.00	Architecture & Engineering	34.00%	
M/WBE Subcontracting %		M/WBE Overall %	M/WBE Overall
34.22%		34.22%	\$1,197,150.00
• This contract exceeds the M/WBE goal.			
• Black & Veatch Corporation - Local; Workforce - 19.51% Local			

**OWNER**

**Black & Veatch Corporation**

Mario Azar, Chief Executive Officer

**MAPS**

Attached