



## Legislation Text

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**File #:** 21-1191, **Version:** 1

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**STRATEGIC PRIORITY:** Mobility Solutions, Infrastructure, and Sustainability  
**AGENDA DATE:** August 11, 2021  
**COUNCIL DISTRICT(S):** Outside City Limits  
**DEPARTMENT:** Water Utilities Department  
**EXECUTIVE:** Majed Al-Ghafry

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### **SUBJECT**

Authorize a professional services contract with Carollo Engineers, Inc. to provide engineering services for the Beltwood Pump Station Replacement Project - Not to exceed \$2,245,195.00 - Financing: Water Capital Improvement E Fund

### **BACKGROUND**

Dallas Water Utilities (DWU) provides water, wastewater, and storm water services to approximately 2.5 million customers in the City of Dallas and neighboring communities. DWU currently operates the Beltwood Pump Station and ground storage reservoirs located at Belt Line Road and Inwood Road immediately south of the Addison Airport. This critical pump station serves the North High Pressure Zone as well as the Meandering Way High and Intermediate Pressure Zone with a pumping capacity of 157 million gallons per day. The Beltwood Pump Station is over 60 years old and based on a recent assessment of the facility has exceeded its useful life.

This action will authorize a professional services contract to complete the preliminary design of the replacement pump station and ground storage reservoirs. The design will enable the continued operation of the existing pump station while the replacement station and ground storage reservoirs are being constructed. Carollo Engineers, Inc. will assess existing DWU pumping and distribution operations to develop a new facility that is reliable, safe, and easy to maintain. They will also evaluate operation and maintenance practices for optimization, and address and incorporate sustainable practices and energy management. Following preliminary design efforts, a supplemental agreement will be necessary to complete the final design and authorize construction phase engineering services. Construction of the replacement pump station facility is currently budgeted in 2024.

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 Design                      September 2021  
Complete Design                April 2023

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

This item has no prior action.

## **FISCAL INFORMATION**

Fund	FY 2021	FY 2022	Future Years
Water Capital Improvement E Fund	\$2,245,195.00	\$0.00	\$0.00

## **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	M/WBE %	M/WBE \$
\$2,245,195.00	Architecture & Engineering	25.66%*	25.71%	\$577,338.00
• *This item reflects previous Business Inclusion and Development Policy M/WBE goal.				
• This contract exceeds the M/WBE goal.				
• Carollo Engineers, Inc. - Local; Workforce - 21.54% Local				

## **OWNER**

**Carollo Engineers, Inc.**

B. Narayanan, Chief Executive Officer

## **MAP**

Attached