



## Legislation Text

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**File #:** 22-1553, **Version:** 1

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**STRATEGIC PRIORITY:** Transportation & Infrastructure

**AGENDA DATE:** September 14, 2022

**COUNCIL DISTRICT(S):** 3, 6

**DEPARTMENT:** Water Utilities Department

**EXECUTIVE:** Kimberly Bizer Tolbert

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### **SUBJECT**

Authorize Supplemental Agreement No. 1 to the professional services contract with HDR Engineering, Inc. to provide additional engineering services associated with the delivery of raw water from the Integrated Pipeline delivery point near Joe Pool Lake to the Bachman Water Treatment Plant - Not to exceed \$1,208,737.00, from \$2,695,000.00 to \$3,903,737.00 - Financing: Water Construction Fund (\$1,000,000.00) and Water Capital Improvement G Fund (\$208,737.00)

### **BACKGROUND**

Since 2007, the City of Dallas and the Tarrant Regional Water District (TRWD) have partnered on the development and construction of an integrated raw water transmission pipeline system that is required to meet future water needs in North Texas. The Integrated Pipeline (IPL) Project will bring water from Lake Palestine, Richland-Chambers Reservoir, and Cedar Creek Reservoir to Dallas and TRWD in a more reliable and cost-efficient manner. The approximately 150-mile long raw water transmission pipeline from Lake Palestine to Lake Benbrook ranges in diameter from 84-inch to 120-inches and will convey raw water with a planned peak capacity of 347 million gallons per day (MGD). Dallas' portion of the shared pipeline capacity is a planned 150 MGD. Included within the IPL Project is a delivery point near Joe Pool Lake constructed for Dallas' use.

On September 26, 2018, City Council authorized a professional services contract with HDR Engineering, Inc. to evaluate alignment alternatives and conveyance methods to deliver 150 MGD to the Bachman Water Treatment Plant. A preferred alternative and associated alignment were recommended and accepted by Dallas Water Utilities for further development. This alternative utilizes Joe Pool Lake for eight miles of open channel flow and another 21 miles of gravity pipeline flow from the northeast end of Joe Pool Lake to the Bachman Water Treatment Plant. HDR Engineering, Inc. has completed a Preliminary Design Report for the selected alternative that includes key elements, design criteria, and an implementation plan.



**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:

<b>Contract Amount</b>	<b>Procurement Category</b>	<b>M/WBE Goal</b>	<b>M/WBE Subcontracting %</b>	<b>M/WBE Overall %</b>	<b>MWBE Overall Participation \$</b>
\$1,208,737.00	Architecture & Engineering	25.66%*	32.60%	32.60%	\$394,000.00
• *This item reflects previous Business Inclusion and Development Policy M/WBE goal.					
• This contract exceeds the M/WBE goal.					
• Supplemental Agreement No. 1 - 25.95% Overall M/WBE Participation					
• HDR Engineering, Inc - Local; Workforce - 27.10% Local					

**OWNER**

**HDR Engineering, Inc.**

Eric Keen, Chief Executive Officer

**MAP**

Attached