



## Legislation Text

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**File #:** 21-1803, **Version:** 1

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**STRATEGIC PRIORITY:** Mobility Solutions, Infrastructure, and Sustainability

**AGENDA DATE:** October 27, 2021

**COUNCIL DISTRICT(S):** 2, 6, 13

**DEPARTMENT:** Water Utilities Department

**EXECUTIVE:** Majed Al-Ghafry

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### **SUBJECT**

Authorize a construction services contract for Bachman Lake Dredging Improvements - Renda Environmental, Inc., lowest responsible bidder of five - Not to exceed \$24,775,602.98 - Financing: Water Capital Improvement G Fund

### **BACKGROUND**

The Bachman Dam and Spillway was built in 1901 to form Bachman Lake, a 205-acre lake located on the north side of Love Field Airport. The Bachman Lake area includes a highly utilized park with features such as a hike and bike trail, recreation center and planned improvements including an aquatics center, skate park and connections to adjacent green belt style recreation areas. In 2016, the City Council authorized a feasibility study that yielded three alternatives for Bachman Lake. A Task Force made up of City staff and council district appointed representatives evaluated the issues and alternatives and recommended to "Maintain the Lake." This recommendation was briefed to the Mobility Solutions, Infrastructure and Sustainability Committee on April 8, 2019, who voted to approve the recommendation.

Following this recommendation, Dallas Water Utilities (DWU) has undertaken engineering efforts for dredging at Bachman Lake as well as dam and spillway improvements to ensure dam safety and regulatory compliance and to minimize flood risk. Dredging plans and specifications have been developed and a construction project was bid in June 2021. The project calls for hydraulic dredging with mechanical dewatering as recommended by a dredging feasibility study. Hydraulic dredging is the most effective method as it removes the dredge material with the smallest construction staging area and the shortest project duration.

This action will authorize a construction services contract for the dredging of Bachman Lake that will result in the removal of 370,000 cubic yards of accumulated sediment from the lake and restore the water depth to a minimum of eight feet. This depth prevents invasive aquatic vegetation from taking hold and removes debris and trash from the lake bottom, improving water quality. Dredging work is anticipated to begin this Winter and be completed within approximately 12 months. Funding will be provided by DWU with Park and Recreation contributing \$4 million to be paid back to DWU over the next five years.

Bachman Lake was dredged in 1976 and most recently in 2002. Since that time, sediment has been accumulating that is impacting the aesthetics, health, and recreational usability of the lake. These improvements will help revitalize the lake, improve water quality, and allow residents to enjoy the lake for years to come.

The following chart illustrates Renda Environmental, Inc.'s contractual activities with the City of Dallas for the past three years:

	<u>PBW</u>	<u>DWU</u>	<u>PKR</u>	<u>TRN</u>
Projects Completed	0	0	0	0
Active Projects	1	0	0	0
Change Orders	0	0	0	0
Projects Requiring Liquidated Damages	0	0	0	0
Projects Completed by Bonding Company	0	0	0	0

**ESTIMATED SCHEDULE OF PROJECT**

Begin Construction            December 2021  
 Complete Construction      January 2023

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

This item has no prior action.

**FISCAL INFORMATION**

Fund	FY 2022	FY 2023	Future Years
Water Capital Improvement G Fund	\$24,775,602.98	\$0.00	\$0.00

<u>Council District</u>	<u>Amount</u>
2	\$ 2,477,560.30
6	\$18,581,702.24
13	<u>\$ 3,716,340.44</u>
Total	\$24,775,602.98

**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 %</b>	<b>M/WBE \$</b>
\$24,775,602.98	Construction	32.00%	24.76%	\$6,135,499.58
• This contract does not meet the M/WBE goal, but complies with good faith efforts.				
• Renda Environmental, Inc. - Non-local; Workforce - 46.00% Local				

**PROCUREMENT INFORMATION**

The following five bids with quotes were received and opened on June 25, 2021:

\*Denotes successful bidder

**Bidders**

**Bid Amount**

* Renda Environmental, Inc. 522 Benson Lane Roanoke, Texas 75262	\$24,775,602.98
American Process Group, Inc	\$28,551,999.31
Mobile Dredging and Video Pipe, Inc.	\$28,853,974.72
Ragle, Inc.	\$28,922,722.84
Merrell Brothers, Inc.	\$38,455,013.20

**OWNER**

**Renda Environmental, Inc.**

Oscar Renda, President

**MAP**

Attached