



Legislation Text

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File #: 20-112, Version: 1

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**CITY COUNCIL AGENDA ITEM**

**ACTION REQUESTED:**

Approve the award of Bid 20-002, 2020 Distribution System Leak Detection Survey Program, to ADS LLC for an amount not to exceed \$492,558 and for a three-year term

**DEPARTMENT:** Water Utilities

**SUBMITTED BY:** Darrell Blenniss, Director

**BOARD/COMMISSION REVIEW:**

N/A

**BACKGROUND:**

The Water Utilities began conducting annual leak surveys in 2007 and has experienced great success with finding undetected leaks. In 2018, the Water Utilities went from annual inspections of the entire water distribution system to semi-annual surveys. The most recent surveys conducted in 2019 resulted in the identification and repair of:

- 56 leaks with a total estimated leakage of 503,000 gallons per day in the spring/summer survey.
- 67 leaks with a total estimated leakage of 506,000 gallons per day in the fall/winter survey.

Using the current DuPage Water Commission wholesale rate of \$4.97 per 1,000 gallons and a six-month time period between surveys, the potential savings resulting from the 2019 surveys is estimated at \$456,233.58 for the spring/summer survey and \$458,954.65 for the fall/winter survey. Based on quantities and values, the Water Utilities has determined it would be beneficial to continue performing water distribution leak surveys on a semi-annual basis.

In December 2019, the Water Utilities issued Bid 20-002, 2020 Distribution System Leak Detection Survey Program, to obtain a vendor to perform water distribution system leak detection and correlation for approximately 748 miles (3,870,874 linear feet) of public water distribution mains. The survey includes appurtenant valves, hydrants, fire lines and service lines as required to detect and correlate leaks.

**DISCUSSION:**

Advertisement Date: 12/18/2019  
Opening Date: 01/17/2020

Notices Sent: 44  
Planholders: 4  
Bids Received: 1

Bids were received from the following vendors:

| Vendor Name                | Proposal Cost    |
|----------------------------|------------------|
| ADS, LLC                   | \$492,558        |
| <i>Engineer's Estimate</i> | <i>\$466,188</i> |

The engineer's estimate is lower than the proposed cost due to increasing labor costs.

Following the bid opening, the plan holders were contacted to find out why they did not submit a bid. The responses indicated either that the firm did not have the staff to provide the services or they were too busy to estimate the work for a competitive bid.

The term of this contract is for three years from January 1, 2020 to December 31, 2022 with two one-year options to extend.

**FISCAL IMPACT:**

CIP #: N/A

Leak surveys are expensed to the operational services account listed below. A total of \$155,396 is budgeted for surveys in 2020. The remainder of this contract will be budgeted appropriately in subsequent years.

| Account Number  | Fund Description        | Total Budget Amount |
|-----------------|-------------------------|---------------------|
| 41251510-531308 | Water & Wastewater Fund | \$ 406,146          |