Legislation Details (With Text)

File #:	21-597	**Version:**	1	**Name:**	
Type:	CONSENT AGENDA			**Status:**	Approved
File created:	3/25/2021			**In control:**	Water Utilities Department
On agenda:	4/28/2021			**Final action:**	
Title:	Authorize a professional services contract with E Source Companies, LLC to perform a feasibility study and provide recommendations for the Citywide implementation of advanced water metering infrastructure - Not to exceed $1,459,400.00 - Financing: Water Construction Fund				
Sponsors:					
Indexes:	100				
Code sections:					
Attachments:	1. Map, 2. Resolution				

Date	Ver.	Action By	Action	Result

STRATEGIC PRIORITY: Mobility Solutions, Infrastructure, and Sustainability

AGENDA DATE: April 28, 2021

COUNCIL DISTRICT(S): All

DEPARTMENT: Water Utilities Department

EXECUTIVE: Majed Al-Ghafry

SUBJECT

Authorize a professional services contract with E Source Companies, LLC to perform a feasibility study and provide recommendations for the Citywide implementation of advanced water metering infrastructure - Not to exceed $1,459,400.00 - Financing: Water Construction Fund

BACKGROUND

The City of Dallas currently maintains and reads approximately 320,000 meters over approximately 400 square miles within the City of Dallas. The majority of Dallas water meters are read manually on a monthly basis. This current manual process is labor intensive, susceptible to human error and very limited in providing meaningful water usage data to the utility and its customers. Given the recent advances in advanced metering infrastructure, several technologies exist that could help the utility address these issues and provide additional benefits moving forward.

This action will authorize a feasibility study and provide recommendations for the Citywide implementation of advanced water metering infrastructure. The feasibility study will assess current Dallas Water Utilities infrastructure, analyze available and proven technologies, provide a recommended implementation strategy and develop a business case for moving forward. If

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implemented, advanced water metering infrastructure has the potential to lower the utility's labor cost, increase the accuracy of billed water charges and provide real-time water consumption data allowing customers to better manage their water usage.

ESTIMATED SCHEDULE OF PROJECT

Begin Design June 2021
Complete Design March 2022

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

The Transportation and Infrastructure Committee was briefed on Advanced Water Metering Technology on March 23, 2021.

FISCAL INFORMATION

Fund	FY 2021	FY 2022	Future Years
Water Construction Fund	$1,459,400.00	$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 $
$1,459,400.00	Architecture & Engineering	25.66%*	26.00%	$379,444.00
• *This item reflects previous Business Inclusion and Development Policy M/WBE goal.				
• This contract exceeds the M/WBE goal.				
• E Source Companies, LLC - Non-local; Workforce - 0.00% Local				

OWNER

E Source Companies, LLC

Dale Pennington, President

MAP

Attached

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