

RESOLUTION

22-238

No. _____

Date of Adoption FAIL 07/07/2022

Factual content certified by _____

Approved as to Form and Legality


WESLEY BRIDGES, ESQ. DIRECTOR OF LAW


MARK LAVENBERG, DIRECTOR OF WATER AND SEWER

Councilman /woman _____ presents the following Resolution:

**RESOLUTION AWARDING A CONTRACT THROUGH A FAIR AND OPEN PROCESS
IN ACCORDANCE WITH N.J.S.A. 19:44 A-20.4 ET SEQ., TO UTILIS, INC. FOR
CONSULTING AND DESIGN SERVICES FOR SATELLITE LEAK DETECTION OF
DISTRIBUTION SYSTEM FOR A PERIOD OF ONE (1) YEAR
FROM MAY 20, 2022 TO MAY 19, 2023 IN AN AMOUNT NOT TO EXCEED
\$91,000.00 RFP2022-05**

WHEREAS, a Request for Proposal was advertised on January 21, 2021 by the Qualified Purchasing Agent and one (1) proposal was received on February 16, 2022 in the Division of Purchasing and said proposal was evaluated by a committee based on criteria that included experience, understanding of requirements and cost; and

WHEREAS, TWW received a grant from the NJ BPU Clean Energy Program for Permanent Acoustic Leak Detection in the amount of \$433,000.00. The first step in TWW's program involves satellite survey work that will inform the deployment of acoustic leak detection equipment by providing information on potential leaking areas. The satellite survey is not covered by the grant, but it is the necessary first step. TWW is expected to provide BPU with quarterly reports on the progress of the satellite survey; and

WHEREAS, the satellite survey will cover TWW's entire distribution system. It will provide imagery of areas where non-surfacing, potential leaks may be occurring in the water distribution network. This survey is a foundational component of TWW's Unaccounted for Water Program that is intended to reduce TWW's cost of water production by reducing the volume of water that is lost in the system by locating and repairing leaks. TWW estimates that unaccounted for water lies somewhere in the range of 25% to 45%, which is significantly above the industry target of 15%. Leak detection and repair comprise several strategies that TWW is implementing to reduce unaccounted for water. Satellite imagery is the most cost-effective way of assessing leaks in the entire distribution system; and

WHEREAS, the City of Trenton, by and through the Department of Water and Sewer has a need for consulting and design services for satellite leak detection of distribution system for a period of one (1) year from May 20, 2022 to May 19, 2023; and

WHEREAS, the sole proposal of Utilis, Inc., 4180 La Jolla Village Drive, Suite #455, La Jolla, California 92037 was deemed to include the necessary qualifications and expertise for the performance of design services on a consulting basis at the rates listed in the proposal; and

WHEREAS, funds in an amount not to exceed \$91,000.00 have been certified to be available in the following account number: 2-05- -55-5500-841-024 contingent upon the temporary and final adoption of CY'2022 budget. This contract shall be awarded for a period of one (1) year from May 20, 2022 to May 19, 2023.

RESOLUTION

NOW, THEREFORE BE IT RESOLVED, by the City Council of the City of Trenton as follows:

1. The above recitals are incorporated by reference as if set forth at length herewith.
2. The Mayor is hereby authorized to enter into a contract with Utilis, Inc., 4180 La Jolla Village Drive Suite #455, La Jolla, California 92037 for Consulting and Design Services for Satellite Leak Detection of Distribution System to the City of Trenton Department of Water and Sewer for a period of one (1) year from May 20, 2022 to May 19, 2023.
3. This contract is awarded pursuant to the authority set forth in the Local Public Contracts Law at N.J.S.A. 40A:11-5.
3. A notice of this action shall be printed once in the official newspaper for the City of Trenton and this Resolution, and the contract shall remain on file in the office of the City Clerk.

	Aye	Nay	Abstain	Absent		Aye	Nay	Abstain	Absent		Aye	Nay	Abstain	Absent
CALDWELL	✓				RODRIGUEZ					MCBRIDE		✓		
WILSON														
HARRISON	✓				VAUGHN		✓							
MUSCHAL	✓				WILKINS		✓							

This Resolution was adopted at a Meeting of the City Council of the City of Trenton on _____

President of Council


City Clerk

**CITY OF TRENTON
DEPARTMENT OF FINANCE**

CERTIFICATION OF AVAILABILITY OF FUNDS

I, Ronald Zilinski, Chief Financial Officer of the City of Trenton, do hereby certify, to the best of my knowledge and belief, that there are now sufficient funds to Contract with:

Vendor Name: UTILIS INC
Address: 4180 LA JOLLA VILLAGE DR
City: LA JOLLA
State: CALIFORNIA
Zip Code: 92037
PURPOSE: CONSULTING AND DESIGN SERVICES OF SATELLITE LEAK
DETECTION OF DISTRIBUTION SYSTEM RFP2022-05
REQ Q2-02585
TOTAL \$91,000.00
Fund: OPERATING BUDGET
Account Number: 2-05- -55-5500-841-024
Vendor ID: UTILI035



Chief Financial Officer OK, BT
5/3/22

Date



**CITY OF TRENTON
DEPARTMENT OF WATER AND SEWER
MEMORANDUM**

TO: Isabel Garcia, Purchasing Agent

CC: Joan Garrett, Budget Officer TWW
Yaritza Corado-Lemus
David Smith
Noemi de la Puente

FROM: Mark Lavenberg, Director

DATE: APRIL 12, 2022

**RE: RECOMMENDATION TO AWARD RFP 2022-05 IN SUPPORT OF THE TWW
ACOUSTIC LEAK DETECTION PROGRAM, TO UTILIS, INC.**

This memorandum formalizes TWW's recommendation to award RFP 2022-05 "Consulting and Design Services of Satellite Leak Detection of Distribution System for the City of Trenton, Department of Water and Sewer" to Utilis, Inc. in the amount of \$91,000.00. Utilis was the sole proposer on this RFP.

The satellite survey will cover TWW's entire distribution system. It will provide imagery of areas where non-surfacing, potential leaks may be occurring in the water distribution network. This survey is a foundational component of TWW's Unaccounted for Water Program that is intended to reduce TWW's cost of water production by reducing the volume of water that is lost in the system by locating and repairing leaks. TWW estimates that unaccounted for water lies somewhere in the range of 25% to 45%, which is significantly above the industry target of 15%. Leak detection and repair comprise several strategies that TWW is implementing to reduce unaccounted for water. Satellite imagery is the most cost-effective way of assessing leaks in the entire distribution system.

TWW received a grant from the NJ BPU Clean Energy Program for Permanent Acoustic Leak Detection in the amount of \$433,000.00. The first step in TWW's program involves satellite survey work that will inform the deployment of acoustic leak detection equipment by providing information on potential leaking areas. The satellite survey is not covered by the grant, but it is the necessary first step. TWW is expected to provide BPU with quarterly reports on the progress of the satellite survey.

The contract value of \$91,000.00 is less than the original estimated cost of \$100,000.00.

Funds are available in Account number 2-05-55-5500-841-024.