



Staff Report

Annual Requirements Contract for Large Diameter Water Main Inspection, Project 23-0036

City Council Meeting Date: 01-24-2023 | Action Being Considered: Minute Order

Authorize the City Manager or his designee to execute an annual requirements contract for large diameter water main inspection with Pure Technologies US, Inc., of Carrollton, Texas, in the estimated amount of \$1,150,170. Pure Technologies US, Inc. is not a MWBE firm.

PRIOR BOARD OR COUNCIL ACTION

None.

ANALYSIS

This annual requirements contract is for internal, non-destructive, acoustic, electromagnetic, and closed-circuit television inspection of large diameter prestressed concrete cylinder pipe (PCCP), bar-wrapped concrete pipe (BWP), and ductile iron pipe (DIP) water mains.

Currently, two bar-wrapped pipe (BWP) water main sections critical to the operation of the Water Utility have been scoped for inclusion in this project. The first is approximately 3.22 miles of 16-inch water main along South Bowen Road from Southwest Green Oaks Boulevard to the Bowen Transfer Valve near Ventura Drive. The second section is approximately 0.58 miles of 24-inch water main near Pierce-Burch Water Treatment Plant along West Arkansas Lane from West Green Oaks Boulevard to Midhurst Drive.

This contract will utilize the non-invasive P-Wave technology developed and patented by Pure Technologies to assess the condition of the prestressed bars and determine a remaining pipes wall strength.

This effort will significantly increase the remaining useful life of the pipelines through planned replacements of specific pipe joints exhibiting structural degradation and dramatically reduce the likelihood of catastrophic pipe failure requiring emergency repair.

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|---|---------------------------------------|
| Bid closed: | December 29, 2022, at 2:00 P.M. |
| Vendors notified through IonWave: | 613 |
| MWBE Vendors Notified through Ionwave: | 0 |
| Vendors who Viewed bid: | 5 |
| MWBE Vendors who viewed bid: | 0 |
| Vendors responding to bid request: | 1 |
| MWBE Vendors responding to bid request: | 0 |
| Procurement Method: | Lowest Responsible, Responsive Bidder |
| Original contract term: | One year/two one-year renewals |
| | Current term: |
| | February 1, 2023 – January 31, 2024 |

| Name of Prime Vendor | Pure Technologies US, Inc. |
|--|-----------------------------------|
| Total Contract Value | \$1,150,170 |
| Prime Vendor's M/WBE Status | None |
| Dollar Amount of Prime Vendor's Self-Performance | \$1,150,170 |
| Percentage Amount of Prime Vendor's Self-Performance | 100% |
| Total MWBE Participation | \$0 (0%) |

Office of Business Diversity (OBD) recommended the citywide aspirational goal of 30% MWBE participation on this contract. Pure Technologies US, Inc., has opted to self-perform the project scope internally. OBD will assist the vendor with their efforts if any subcontracting opportunities become available.

FINANCIAL IMPACT

Pure Technologies US, Inc. returned the lowest responsive bid for an estimated amount of \$1,150,170. The Water Utilities Department and the Finance Department agree that Pure Technologies US Inc. met the bid specification requirements. The contract term is for one year and will be reviewed annually to determine subsequent renewal terms. The projected financial impact for this contract term is as follows:

| <u>FY 2023</u> | <u>FY 2024</u> | <u>FY 2025</u> |
|----------------|----------------|----------------|
| \$613,923 | \$536,247 | \$0 |

Funds are budgeted in the Water Pay Go No. CC678501-PJWUWS22014-SC0574 and subject to FY2024 budget approval.

ADDITIONAL INFORMATION

| | |
|-------------------------------------|----------|
| Attached: | None |
| Under separate cover: | None |
| Available in the Purchasing office: | Bid file |
| Form 1295: | Yes |
| MWBE: | No |

STAFF CONTACT(S)

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| Craig Cummings | Alysia Ducote | April Nixon |
| Director of Water Utilities | Purchasing Agent | Director of Finance |
| 817-575-8959 | 817-459-6304 | 817-459-6345 |
| Craig.Cummings@arlingtontx.gov | Alysia.Ducote@arlingtontx.gov | April.Nixon@arlingtontx.gov |