#### CITY MANAGER PROCUREMENT AWARD

### **ACTION REQUESTED:**

Approve the award of RFP 19-085, Improvements to City Wells No. 28 and No. 31, to Strand Associates for an amount not to exceed \$83,621

**DEPARTMENT:** Water Utilities

**SUBMITTED BY:** Darrell Blenniss, Director

### **BOARD/COMMISSION REVIEW:**

N/A

#### **BACKGROUND:**

The Water Utilities owns and operates Deep Well 28, located at 1603 N. West Street, and Deep Well 31, located at 1570 W. Diehl Road. Both wells are in need of repair. Deep Well 28 was drilled and had its original equipment installed in May 1987. The well hole was drilled to a depth of approximately 1,490 feet below grade. Due to motor failure, the well is not in service.

Deep Well 31 was drilled and had its original equipment installed in June 1989. The well hole was drilled to a depth of approximately 1,447 feet below grade. In 2016, a new 450 HP SME motor was installed and the bowl assembly reconditioned. The pump design flow rate was not changed, but the well is not in service due to motor failure. The 2016 installed SME motor was removed from the well. and reconditioned by SME.

In March 2018, the Water Utilities completed a Request for Qualifications (RFQ-18-064) for engineering services for water and wastewater projects for a three-year term from July 30, 2018 through July 29, 2021 with four, one-year options to extend. Five consultants were shortlisted as result of the process. The consultants are:

Crawford Murphy & Tilly, Inc.
Walter E. Deuchler Associates, Inc.
Donohue & Associates, Inc.
Lockwood Andrews & Newnam, Inc.
Strand Associates, Inc.

In May 2019, the Water Utilities conducted a Request for Proposals (RFP) with the shortlisted engineering firms to prepare construction documents to improve the existing pumping equipment, controls, disinfection system, valves and piping at Deep Wells 28 and 31.

## DISCUSSION:

Advertisement Date:

05/06/2019

Notices Sent:

5

Opening Date:

05/30/2019

Planholders:

5

Proposals Received:

4

Proposals were received from four of the shortlisted consultants:

Crawford Murphy & Tilly, Inc.
Deuchler Engineering Corporation
Donohue Associates
Strand Associates, Inc.

Lockwood, Andrews & Newnam, Inc declined to submit a proposal since the firm did not have a deep well consultant outside of Texas at the time of the RFP.

A selection team comprised of staff from the Water Utilities and Transportation Engineering Development Business Group evaluated the proposals, which were scored based upon the criteria set forth in the RFP:

- 1. Capability, Capacity and Qualifications of the Offeror (35%)
- 2. Suitability and Quality of the Approach (35%)
- 3. Milestones and Deliverables (20%)
- 4. Outcomes to be Achieved (10%)

After review and scoring of proposals, the selection committee invited three firms to submit cost proposals. Donohue Associates was not invited to submit a fee proposal because the firm had a qualification score below 70%. The cost proposals were opened, and quality adjusted costs were calculated:

	Proposed	Option Update WaterGems		Qualification	Quality
Consultant Firm	Fee	Model	Total Fee	Score	Adjusted Cost
Strand Associates, Inc.	\$81,616	\$2,005	\$83,621	87.15	\$95,950.66
Deuchler Engineering	\$101,161	\$4,200	\$105,421	70.10	\$150,386.59
Crawford Murphy & Tilly	\$103,017	\$31,460	\$134,477	76.70	\$175,328.55

Per the RFP document, final award is recommended to Strand Associates, Inc., the vendor with the lowest quality adjusted cost. The consultant has experience in deep well pump, electrical, control and structural design that meets all requirements of the RFP.

The fee worksheet included an option to update the Water Utilities' WaterGems model. This work is included in the award; the consultant will provide data input services to update the City's current WaterGems model extended period simulation (EPS) scenario.

# **FISCAL IMPACT:**

CIP#: WU29

Engineering services for emergency well projects are expensed to the infrastructure account listed below as part of the capital improvement program. A total of \$1,100,000 is budgeted for WU29 in 2019. The requested award is within budget.

Account Number	Fund Description	Total Budget Amount
41251500-551502	Water & Wastewater	\$11,576,000

SUBMITTED BY:

Darrell Blenniss, Director

Water Utilities

ate

Rachel Maver

Chief Procurement Officer

Date

1/31/19

**APPROVED BY:** 

Douglas A. Krieger

City Manager

Date