



CITY COUNCIL CONSENT ITEM CITY OF FAIR OAKS RANCH, TEXAS

AGENDA TOPIC: Approval of a resolution authorizing the execution of an agreement with Patti Engineering, Inc. for Water Well Electrical Improvements

DATE: July 18, 2024

DEPARTMENT: Finance

PRESENTED BY: Consent Item – Clayton Hoelscher, Procurement Manager

INTRODUCTION/BACKGROUND:

The City budgeted \$240,000 for electrical improvements at four different water well locations: Wells 25, 27, 28 and 31. Like most heavy equipment, these well pumps are designed to run on three-phase power because three-phase motors are more efficient, more cost effective, and run at lower amperage for a given horsepower than single-phase motors. Because three-phase power is not available in the vicinity of these wells, rotary phase converters were used to add the third phase. This project replaces the existing rotophase converters with variable frequency drives (VFD's) to supply three-phase power and enable soft starts which bring the motors up to speed gradually and reduces wear and tear on the pumps.

To support this effort, a Request for Proposals was advertised. Proposals were received on June 14. One proposal was received from Patti Engineering, Inc. The negotiated price for this project is \$240,000.

POLICY ANALYSIS/BENEFIT(S) TO CITIZENS:

- Supports Priority 3.1 of the Strategic Action Plan to Enhance and Ensure Continuity of Reliable Water Resources.
- Complies with Competitive Procurement Requirements.

LONGTERM FINANCIAL & BUDGETARY IMPACT:

The City budgeted \$240,000 for this Project. The negotiated amount is within budget.

LEGAL ANALYSIS:

The Contractor will be required to sign and adhere to the City's Standard Construction Agreement prior to the commencement of work. A copy is attached as Exhibit A.

RECOMMENDATION/PROPOSED MOTION:

Consent Item – I move to approve a resolution authorizing the execution of an agreement with Patti Engineering, Inc. for a total value not to exceed \$240,000, expenditure of the required funds, and execution of all applicable documents by the City Manager.