

**SUBMITTED BY:** Luis Pedroza, Deputy City Manager/City Treasurer

**MANAGEMENT TEAM REVIEW:** Ana Urquijo, City Manager

**FOCUS AREA:** Advanced Infrastructure Development and Improvement

**ORGANIZATIONAL  
IMPROVEMENTS:**

**SUBJECT:** **CONTRACT AWARD to STANTEC CONSULTING SERVICES Inc. for the Design and Construction Management Services for WELL #18.**

**EXECUTIVE SUMMARY:**

The City is in need of more potable water production. A new well site is needed to meet existing and future demands. The proposed contract with Stantec is for well design, installation, testing, reporting and project management of a new city well #18 to be constructed on the City owned parcel on A Avenue and 25<sup>th</sup> Street.

**BACKGROUND:**

The City continues to see growing demands for potable water. Its well infrastructure is aged, and our water table has decreased over the last few years. The city has 6 active wells, with well 16 and well 17 producing 75% of the city's total water. Well 15 is currently offline to address a contamination concern that must be remedied before placing online and three other wells 6, 9, and 11 are producing at low rates of only 300 gallons per minute. The City is in process of rehabilitation of Well 14 and installing an arsenic water treatment facility and hopes to get production of at least 800gpm from this well. Wells 6, 9 and 11 must be replaced and/or enhanced to meet ongoing and future water demands.

The construction of Well 18 will be constructed on city owned property with distribution lines already nearby. The site is currently going through a boundary and topographic survey necessary for construction. Stantec Engineers have provided a study of the City's wells and recommend the construction of this well. The City has submitted a non-binding application for funding from WIFA for financing through its drinking water state revolving fund. Currently, we understand that this grant application may be eligible for up to 50% forgivable principal. WIFA also offers lesser than market rate interest rates that the City is eligible as a small underserved rural community.

The construction of a new well will take approximately 1 year. This project must begin as soon as possible to get the water online before the peak water demand in 2023. The design and planning will start with the issuance of this contract with Stantec.

**DISCUSSION:**

Staff recommends awarding the contract in the amount of \$149,820.00 to Stantec for Design and Construction Management Services for new Well #18 as described in the attached proposal. The City will be, at the same time pursuing necessary financing. The contract for Stantec is being issued through the competitively bid City of Tucson contract 181820-02.

**FISCAL IMPACT:**

\$149,820.00 to be financed through a future WIFA loan and repaid by the Water Fund

**Fiscal Year:** 2021/2022

**Amount Requested:**

**Budgeted:** Y / N

**Account (s):**

**“...I MOVE THAT THE MAYOR AND COUNCIL APPROVE THE CONTRACT AWARD TO STANTEC CONSULTING SERVICES INC. FOR THE DESIGN AND CONSTRUCTION MANAGEMENT SERVICES FOR WELL #18.”**