

**SUBMITTED BY:** Elise Moore, Public Works Director/City Engineer

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

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

**ORGANIZATIONAL  
IMPROVEMENTS:**

**SUBJECT:** **RESOLUTION NO. 24-1643**, a Resolution of the Mayor and Council of the City of Douglas, Cochise County, Arizona, **AUTHORIZING** the scope of work for **ENGINEERING DESIGN SERVICES** from Carollo Engineers in the amount of **\$205,792.00**, to design, prepare bid documents, and **CONSTRUCT WELL 18** for **FUTURE WATER SUPPLY**, and authorizing the City Manager to execute all necessary documents.

**EXECUTIVE SUMMARY:**

This Scope of Work will allow the City of Douglas to develop Engineering Design for the Well 18 replacement with Carollo Engineers. This Scope of work is in the amount of \$205,792.00 and will cover several tasks necessary to design, bid and construct a replacement well at the current location of Well 11. This well, once completed, will be called Well 18, and the old well 11 will be taken out of service.

**BACKGROUND:**

As you may know, the City borrowed \$2.1 million from WIFA for the construction of Well 18 originally planned to be built on City vacant property by 25<sup>th</sup> Street and A Avenue. During design, the Douglas AMA passed and forced us to conduct an impact study of the surrounding area as a result of the proposed construction of the well. The study showed an abandoned well was discovered a few feet south of the proposed well site. City approached the owner to ask if the well was operational, but unfortunately, we did not receive communication for several months. When we did hear back, the property owner requested a buy out of the water rights in the amount of \$250,000.

As a result, City staff searched for another location and found the alternative to instead drill a replacement well for Well 11 that would not require an impact study. The well is old built in 1981 and only producing about 320 GPM for a maximum of 2 hours and there is more need for a well in the high zone instead of the low zone. Well 11 is located by the water towers at Joe Causey Park, the new well would be drilled in the same area next to Well 11.

The City of Douglas is continuing the work to increase water production in the City of Douglas, to meet future water delivery needs. This Scope of Work for the Well 18 Replacement Well Design Engineering from Carollo Engineers is for Council's consideration of its acceptance in the amount of \$205,792.00. Funding for this work will be through WIFA funding. This new location will be able to meet the AMA requirements for siting.

**DISCUSSION:**

Staff recommends acceptance of this scope of work in amount of \$205,792.00.

**FISCAL IMPACT:**

This project was budgeted as part of the infrastructure development in the Water Division Budget using WIFA funds.

**Fiscal Year:** 2024/2025

**Amount Requested:** \$205,792.00

**Budgeted:** Y / N

**Account (s):**

**“...I MOVE THAT THE MAYOR AND COUNCIL APPROVE RESOLUTION NO. 24-1643.”**