

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. 24-1646**, a Resolution of the Mayor and Council of the City of Douglas, Cochise County, Arizona, **AUTHORIZING** a scope of work for engineering design services from Stantec Consulting Services Inc. in the amount of **\$900,966.00**, for engineering design of the **WESTWARD EXPANSION WASTEWATER CROSSING** of **WHITEWATER DRAW**, 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 connection of the sewer from the West Expansion to the DOC wastewater line in Manhole 18 to the WWTP. This Scope of work is in the amount of \$900,966.00 and will cover several tasks necessary to design, bid and construct this portion of the project.

BACKGROUND:

The City of Douglas is continuing the work to expand utilities into the Westward Expansion area, to meet future needs. This Scope of Work will allow for Engineering from Stantec to connect sewer from the Westward Expansion to the DOC wastewater line in Manhole 18 to the Wastewater Treatment Plant, and is for Council's consideration of its acceptance in the amount of \$900,966.00.

The proposed design is consistent with the selected **Option 1B** alternative on the south side of the ADOT Right of Way on SR 80. This option was selected as it is the more cost effective option than a lift station or the option of utilizing the Freeport Easement. This option would have taken additional time to do a right of way acquisition. There are several permits that will be required for this project. The city will need to obtain a floodplain use permit from Cochise County, an ADEQ APP expansion permit, an ADOT permit, and a permit from the U.S. Army Corps of Engineers for construction over Waters of the U.S.

This important phase of the project allows the connection of the west expansion sewer extension to our WWTP. NADBank would not release final design funding if we did not get the connection of the sewer system to the WWTP underway.

Stantec designed a pipe bridge over Whitewater Draw for the sewer line only. The water line crosses the Whitewater Draw already and the future waterline connection point will be at Copper Avenue.

We will utilize NADBank or State ARPA funding, whichever funding is more readily available for the project. If NADBank does not finalize the NEPA in time, we will need to use State ARPA and utilize NADBank funds for other phases of the project. We are utilizing the Cooperative Purchasing Tucson Contract No. 212603-05.

DISCUSSION:

Staff recommends acceptance of this proposed scope of work in amount of \$900,966.00.

FISCAL IMPACT:

This project was budgeted as part of the infrastructure development Westward Expansion project funds.

Fiscal Year: 2024/2025

Amount Requested: \$900,966.00

Budgeted: Y / N

“...I MOVE THAT THE MAYOR AND COUNCIL APPROVE RESOLUTION NO. 24-1646.”