



AGENDA MEMORANDUM

Action Item for the City Council Meeting of December 10, 2019

DATE: October 23, 2019

TO: Peter Zaroni, City Manager

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Construction Contract

Greenwood WWTP Headworks and Grit Removal Rehabilitation

CAPTION:

Motion awarding a contract to Associated Construction Partners, Ltd. of Boerne, Texas in the amount of \$3,118,590 to upgrade the headworks and odor control systems for the Greenwood Wastewater Treatment Plant Headworks and Grit Removal Rehabilitation Project located in Council District 3, effective upon notice to proceed with funding available through FY 2020 Wastewater Capital Reserves Fund.

SUMMARY:

This action will award a construction contract to replace bar screens, grit removal equipment, rehabilitate concrete walls and odor control covers at the Greenwood Wastewater Treatment Plant (WWTP) as part of the Headworks and Grit Removal Rehabilitation Project.

BACKGROUND AND FINDINGS:

The Greenwood WWTP was constructed in 1957 with 2 Million Gallon per Day (MGD) capacity and was expanded to 6 MGD capacity in 1988 which included construction of a single mechanical bar screen and grit removal equipment. Another 2 MGD expansion occurred in 1999 that included construction of a second mechanical bar screen, grit removal equipment, and the first odor control system. The last major upgrade at the plant occurred in 2016 with replacement of the Odor Control Treatment Unit. The remaining structures and equipment are beyond their useful life and cannot be economically maintained. The deteriorated condition of the headworks impacts plant

capacity, operational cost and Texas Commission on Environmental Quality (TCEQ) Discharge Permit compliance.

This project consists of the removal and replacement of mechanical and manual bar screens, grit removal equipment, grit classifiers, grit pumps, valves and piping, aluminum covers, slide gates, handrails and electrical gear, conduit and wiring, rehabilitation of the concrete walls and new epoxy coating, concrete wall and beam replacement, new concrete pavement, control of flow pumping and miscellaneous items of work required to complete project in accordance with plans, specifications and contract documents

PROJECT TIMELINE:

2019					2020											
A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Bid/ Award					Construction											

This project schedule reflects City Council award in December 2019 with anticipated completion in December 2020.

COMPETITIVE SOLICITATION PROCESS:

On September 25, 2019 the City received three bids. All were considered responsive. The City analyzed the bids in accordance with the contract documents and determined Associated Construction Partners, Ltd., is the lowest responsive and responsible bidder. A summary of the bids is provided below.

BID SUMMARY – BASE BID	
CONTRACTOR	BID AMOUNT
Associated Construction Partners Ltd. Boerne, Texas	\$3,118,590
J.S. Haren Company Athens, Tennessee	\$3,347,000
CSA Construction, Inc Houston, Texas	\$3,854,000
<i>Engineer's Opinion of Probable Cost</i>	<i>\$4,398,800</i>

ALTERNATIVES:

An alternative is to not award the construction contract to the low-bidder, Associated Construction Partners, Ltd. Not awarding the construction contract and rebidding the project would delay the needed improvements and could result in increased construction costs.

FINANCIAL IMPACT:

This item proposes to award a construction contract to Associated Construction Partners, Ltd., in the amount of \$3,118,590 for the construction phase of Greenwood Wastewater Treatment Plant Headworks and Grit Removal Rehabilitation Project. Project funds are available in FY 2020 Wastewater Capital Reserve Funds. The project is located in City Council District 3 and the contract is effective upon issuance of a notice to proceed.

FUNDING DETAIL:

Funding details include:

Fund:	Wastewater Capital Reserve (Fund 4510)
Mission Element:	Wastewater Collection System (ME 042)
Project:	Greenwood WWTP Headworks and Grit Removal Rehabilitation (18067A)
Account:	Construction (550910)
Activity:	18067-A-4510-EXP
Amount:	\$3,118,590

RECOMMENDATION:

City staff and the City's A/E Consultant, Urban Engineering, recommend awarding low bidder, Associated Construction Partners Inc., of Boerne, Texas a construction contract in the amount of \$3,118,590 for the Greenwood Wastewater Treatment Plant Headworks and Grit Removal Rehabilitation Project.

LIST OF SUPPORTING DOCUMENTS:

Location Maps
Letter of Recommendation
Bid Tabs