

Ground Water Plant Rehabilitation Project

CIP WA1904 & CIP WA2004

May 19, 2020

Engineering Department

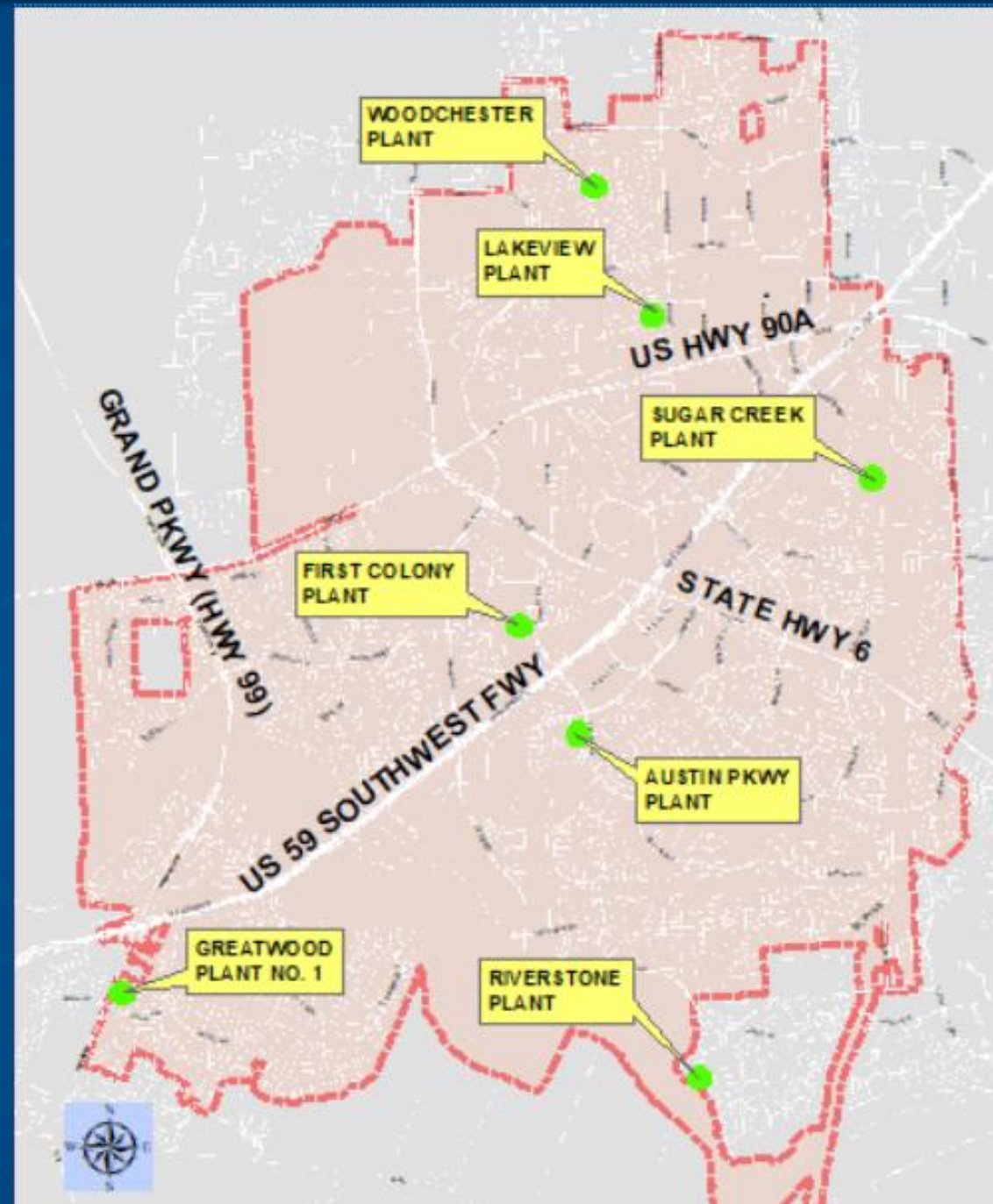
C I T Y O F S U G A R L A N D *Texas*

Project Background

- **Ground Water Plant Rehabilitation**
- **Annual CIP program to maintain, improve, and expand twelve (12) groundwater plants**
- **Identified annual Improvements based on ground water plant asset management model and working knowledge of groundwater plants**
- **Will provide more storage capacity and redundancy at Greatwood groundwater plant**
- **Design completed spring 2020**

Project Scope

- Construction of an additional 1 million gallon ground storage tank at the Greatwood #1 water plant to provide additional storage capacity
- Upsize and replace the existing caustic and liquid ammonium sulfate storage tanks at six (6) groundwater plants to increase operational efficiency and replace aging infrastructure
- Replace chemical feed pumps at three (3) groundwater plants due to aging infrastructure



Bid Phase

- Invitation to bid (ITB) on April 1 and April 8, 2020
- Bids opened on April 23, 2020
- Five (5) bids received

Bid Summary

CONTRACTOR	BASE BID	ALTERNATE BID	TOTAL BID
WW PAYTON CORPORATION	\$1,950,000	\$40,000	\$1,990,000
B-5 CONSTRUCTION	\$2,003,464	\$38,750	\$2,042,214
MATULA & MATULA	\$2,094,000	\$49,300	\$2,143,000
WHARTON-SMITH	\$2,460,000	\$37,000	\$2,497,000
GARNEY	\$2,460,000	\$72,000	\$2,532,000

Engineer's Probable Construction Cost: \$2,300,0000

Project Funding

Available budget :

➤ CIP WA1904 / Water Plant Rehab	\$1,857,299
➤ CIP WA2004 / Water Plant Rehab	<u>\$898,000</u>
	\$2,775,299

Construction Contract Funding Allocation:

➤ CIP WA1904 / Water Plant Rehab	\$1,857,299
➤ CIP WA2004 / Water Plant Rehab	<u>\$132,701</u>
	\$1,990,000

Project Funding

Future encumbrances CIP WA2004 Ground Water Plant Rehabilitation:

- **Construction admin., materials testing, and project contingency for an estimated amount of \$175,000**
- **Remaining balance of WA2004 Ground Water Plant Rehabilitation to be used for WA2004 for construction currently under design of 7 additional groundwater plants improvements**

Project Schedule

- **Notice to Proceed:** June 2020
- **Construction duration:** 330 calendar days
- **Substantial Completion :** May 2021

Construction Impact & Notification

- **Construction impact:**
 - **Minimal impact, all work inside the water plants**
 - **No service interruptions anticipated**
- **Notification Plan Per Policy CO-110**
 - **Door hangers**
 - **One-on-one communications**

REQUEST FOR APPROVAL

Staff recommends approval of a construction contract in the amount of \$1,990,000 with WW Payton Corporation for the Ground Water Plant Rehabilitation Project CIP WA1904 & CIP WA2004.

CLARIFYING QUESTIONS FOR STAFF

COUNCIL MOTION & DISCUSSION