



## **AGENDA MEMORANDUM**

Future Item for the City Council Meeting of January 8, 2019  
Action Item for the City Council Meeting of January 15, 2019

**DATE:** December 13, 2018

**TO:** Keith Selman, Interim City Manager

**THRU:** Mark Van Vleck, Assistant City Manager  
MarkVV@cctexas.com  
(361) 826-3082

Valerie H. Gray, P.E., Executive Director, Public Works  
ValerieG@cctexas.com  
(361) 826-3729

**FROM:** Jeffrey H. Edmonds, P.E., Director, Engineering Services  
JeffreyE@cctexas.com  
(361) 826-3851

Dan Grimsbo, Executive Director of Water Utilities  
DanG@cctexas.com  
(361) 826-1718

### **Construction Contract**

Wesley E. Seale Dam Outlet Rehabilitation  
(Capital Improvement Project)

### **CAPTION:**

Motion to authorize execution of a construction contract with Associated Construction Partners, Ltd. of Boerne, Texas in the amount of \$1,507,612.87 for Wesley E. Seale Dam Outlet Rehabilitation project.

### **PURPOSE:**

This project provides upgrades to Wesley E. Seale Dam water outlet tower, including sluice gates, release valve, and miscellaneous improvements.

### **BACKGROUND AND FINDINGS:**

Wesley E. Seale Dam was constructed in 1958 with three earthen embankment sections, two 40-foot-high concrete spillways and one outlet tower. The concrete spillways include 60 crest gates which protect the dam by releasing water after large storm events. The outlet tower includes seven sluice gates and one large flow release valve. Water is periodically released for municipal/industrial use, downstream water rights, and as per the State's agreed order for freshwater releases. Three of the sluice gates provide for the intake (upstream) to the tower and

three provide for the outfall (downstream). The seventh sluice gate serves as a service gate for the flow release valve.

Four of the seven sluice gates and the flow release valve are beyond their service life and require replacement to ensure continual, reliable operation. This project addresses three outfall gates, service gate, flow release valve, and associated electrical gate operators. A previous project addressed the three intake sluice gates. A future project will address improvements to the 60 crest gates.

The project was developed with base bid and one additive alternate summarized below:

**BASE BID:**

- Removal and replacement of three 30" x 48" cast-iron sluice gates
- Removal and replacement of one 5' x 5' cast-iron service sluice gate to improve maintenance
- Removal and replacement one 48" flow release valve
- Upgrades to electrical actuators for all sluice gates and/or the flow release valve
- Miscellaneous minor improvements to spillways

**ADDITIVE ALTERNATE No. 1:**

- Provides for additional water bypass operation during construction for low water levels below the crest gates level

The City received proposals from four (4) bidders and their respective bids are as follows:

CONTRACTOR	BASE BID	ADD. ALT. 1	TOTAL BID
<b>Associated Construction Partners, Ltd. Boerne, TX</b>	<b>\$1,507,612.87</b>	<b>\$740,000.00</b>	<b>\$2,247,612.87</b>
H&S Constructors, Inc. Corpus Christi, TX	\$1,516,800.00	\$847,000.00	\$2,363,800.00
Alltech Engineering Corp. Mendota Heights, MN	\$1,663,000.00	\$533,000.00	\$2,196,000.00
ABBA Construction, LLC Laredo, TX	\$2,454,173.00	\$680,000.00	\$3,134,173.00
<b><i>Engineer's Opinion of Probable Cost</i></b>	<b><i>\$1,689,000.00</i></b>	<b><i>\$2,057,000.00</i></b>	<b><i>\$3,746,000.00</i></b>

The design engineer for this project is Freese and Nichols, selected under RFQ 2012-03.

**ALTERNATIVES:**

1. Authorize execution of the contract.
2. Do not authorize execution of the contract. (Not Recommended)

**OTHER CONSIDERATIONS:**

This is the second and final phase of improvements to Wesley E. Seale Dam outlet tower

**CONFORMITY TO CITY POLICY:**

Conforms to FY 2019 Capital Improvement Planning (CIP) Budget.

**EMERGENCY / NON-EMERGENCY:**

Non-Emergency

**DEPARTMENTAL CLEARANCES:**

Water Utilities

**FINANCIAL IMPACT:**

Operating      ☐ Revenue      ☒ Capital      ☐ Not applicable

<b>Fiscal Year 2018-2019</b>	<b>Project to Date Budget &amp; Expenditures</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Line Item Budget	573,700.00	2,000,000.00	1,000,000.00	3,573,700.00
Encumbered / Expended Amount	573,700.00			573,700.00
<b>This Item</b>		<b>1,507,612.87</b>		<b>1,507,612.87</b>
Future Anticipated Expenditures This Project		127,121.13		127,121.13
BALANCE	0	365,266.00	1,000,000.00	1,365,266.00

Fund(s): Water Supply CIP #6

**RECOMMENDATION:**

Staff and Freese and Nichols recommend awarding the construction contract to Associated Construction Partners, Ltd. for the base bid only.

**LIST OF SUPPORTING DOCUMENTS:**

Project Budget  
Location Map  
Presentation  
Letter of Recommendation