



## **AGENDA MEMORANDUM**

Future Item for the City Council Meeting of August 16, 2016  
Action Item for the City Council Meeting of August 23, 2016

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**DATE:** July 13, 2016

**TO:** Margie C. Rose, 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:** Dan Grimsbo, Interim Director of Water and Utilities  
DanG@cctexas.com  
(361) 826-1718

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

### **Engineering Contract**

Nueces Bay System  
Salinity and Freshwater Inflow Monitoring 2016-2017

### **CAPTION:**

Motion authorizing the City Manager or designee to execute Amendment No. 3 to the monitoring services contract with the Conrad Blucher Institute at Texas A&M University-Corpus Christi in the amount of \$97,835 for a total restated fee not to exceed \$386,555 for the Nueces Bay System Salinity and Freshwater Inflow Monitoring 2016-2017.

### **PURPOSE:**

The purpose of this agenda item is to obtain authority to execute a monitoring contract for the Conrad Blucher Institute at Texas A&M University-Corpus Christi for the Nueces Bay System Salinity and Freshwater Inflow Monitoring 2016-2017. The execution of this amendment is in compliance with the Amended Agreed Order between the City and Texas Natural Resource Conservation Commission (NRCC).

### **BACKGROUND AND FINDINGS:**

The amendment provides continued services for real-time salinity monitoring at the two salinity monitoring stations in Nueces Bay and one monitoring station in the Nueces River. The data

collected is to determine the frequency and quantity of fresh water pass through events from the City's reservoir system (Choke Canyon Dam and Wesley Seale Dam) as required by the City's amended reservoir operating plan. Services include real-time monitoring, data collection, regular site visits and routine maintenance/repairs for these three stations.

The Conrad Blucher Institute (CBI) of Texas A&M University-Corpus Christi has conducted extensive research in the Rincon Bayou, local bays and estuaries. The CBI is considered the foremost expert in local near shore salinity research and has existing salinity monitoring stations that will be used to collect the required data. The CBI has conducted the required salinity monitoring for the City since the Reservoir Operating Plan was amended by NRCC.

In November 2013, the City awarded CBI with a contract to initiate salinity and freshwater inflow monitoring. The contract term was from November 15, 2013 through September 30, 2014.

In September 2014, the City awarded CBI with an Amendment No. 1 contract to maintain salinity monitoring stations for the Nueces Bay System from October 1, 2014 to September 30, 2015.

In August 2015, the City award CBI with Amendment No. 2 contract to maintain salinity monitoring stations for the Nueces Bay System from October 1, 2015 to September 30, 2016.

This contract, Amendment No. 3, allows CBI to continue to maintain salinity monitoring stations for the Nueces Bay System. The contract term of this amendment is from October 1, 2016 to September 30, 2017.

#### **ALTERNATIVES:**

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

#### **OTHER CONSIDERATIONS:**

Not applicable

#### **CONFORMITY TO CITY POLICY:**

Conforms to City Fiscal Policy

#### **EMERGENCY / NON-EMERGENCY:**

Non-Emergency

#### **DEPARTMENTAL CLEARANCES:**

Utilities Department  
Environmental and Strategic Initiatives

**FINANCIAL IMPACT:**☒ Operating☐ Revenue☐ Capital☐ Not applicable

<b>Fiscal Year 2015-2016</b>	<b>Project to Date Budget &amp; Expenditures</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Line Item Budget (Operating)	\$288,720	\$121,835		\$410,555
Encumbered / Expended Amount	288,720			288,720
<b>This Item</b>		<b>97,835</b>		<b>97,835</b>
Future Anticipated Expenditures This Project		24,000		24,000
BALANCE	\$0	\$0		\$0

Fund(s): Water Operating

**Comments:** The contract amendment will result in the amount not to exceed \$97,835.**RECOMMENDATION:**

City Staff recommends approval of Amendment No. 3 to the monitoring services contract with the Conrad Blucher Institute at Texas A&M University-Corpus Christi in the amount of \$97,835 for a total restated fee not to exceed \$386,555 for the Nueces Bay System Salinity and Freshwater Inflow Monitoring 2016-2017.

**LIST OF SUPPORTING DOCUMENTS:**

Project Budget  
Location Map  
Contract  
Presentation