



## AGENDA MEMORANDUM

Future Item for the City Council Meeting of September 9, 2014  
Action Item for the City Council Meeting of September 16, 2014

**DATE:** July 24, 2014

**TO:** Ronald L. Olson, City Manager

**THRU:** Gustavo Gonzalez, P.E., Assistant City Manager, Public Works and Utilities  
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**FROM:** Valerie H. Gray, P.E., Interim Executive Director, Public Works  
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### **Engineering Monitoring Contract**

Nueces River Water Quality, Oso Creek Water Level &  
City of Corpus Christi Meteorological Monitoring 2014-2015

### **CAPTION:**

Motion authorizing the City Manager or designee to execute Amendment No. 4 to the monitoring services contract with the Conrad Blucher Institute at Texas A&M University-Corpus Christi in the amount of \$98,439, for a total restated fee of \$555,081 Nueces River Water Quality, Oso Creek Water Level & City of Corpus Christi Meteorological Monitoring 2014-2015.

### **PURPOSE:**

The purpose of this agenda item is to obtain authority to execute the Conrad Blucher Institute contract for Nueces River Water Quality, Oso Creek Water Level & City of Corpus Christi Meteorological Monitoring 2014-2015.

### **BACKGROUND AND FINDINGS:**

The Watershed Monitoring Program consists of three parts: water quality monitoring, water level monitoring and meteorological monitoring. All data is available for public use through an interactive Watershed Monitoring website.

There are three stations that monitor water quality parameters every six minutes and they are located at Wesley Seale Dam, San Patricio Estates, and Nueces River Pump Station. These stations are currently monitored by the Utilities Department. The City will work with Conrad Blucher Institute (CBI) to turn this data into a dashboard with information that will aid operators at O.N. Stevens Water Treatment Plant in making process decisions based on water quality upstream of the plant.

There are three Oso Creek water level monitoring stations that are located in Oso Creek to gage river levels. These are monitored by the Utilities Department and were installed to gage flooding events.

The Corpus Christi Meteorological Stations are used to monitor weather conditions around the city including rainfall. The meteorological data increases efficiency of water consumption predictions.

In February 2012, the City awarded CBI with an Amendment No. 1 contract to initiate a watershed monitoring program with locations in Nueces River, Oso Creek, and Corpus Christi. The contract term of Amendment No. 1 was from March 1, 2012 to February 28, 2013.

In March 2013, the City awarded CBI with an Amendment No. 2 contract to continue the same monitoring program with a contract term of March 1, 2013 to July 31, 2013.

In November 2013, the City awarded CBI with an Amendment No. 3 contract to continue to maintain environmental monitoring stations and provide watershed monitoring services for the Nueces River, Oso Creek and the City of Corpus Christi. The contract term of this amendment was from November 15, 2013 to July 31, 2014.

This contract, Amendment No. 4, allows CBI to continue to maintain environmental monitoring stations and provide watershed monitoring services for the Nueces River, Oso Creek and the City of Corpus Christi. The contract term of this amendment is from August 1, 2014 to July 31, 2015.

**ALTERNATIVES:**

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

**OTHER CONSIDERATIONS:**

Not applicable

**CONFORMITY TO CITY POLICY:**

Conforms to City Fiscal Policy

**EMERGENCY / NON-EMERGENCY:**

Non-Emergency

**DEPARTMENTAL CLEARANCES:**

Utilities Department

**FINANCIAL IMPACT:**

Operating       Revenue       Capital       Not applicable

<b>Fiscal Year 2013-2014</b>	<b>Project to Date Expenditures</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Line Item Budget	\$363,261.00	\$222,349.00		\$585,610.00
Encumbered / Expended Amount	\$363,261.00	\$93,381.00		\$456,642.00
This Item		\$98,439.00		\$98,439.00
Future Anticipated Expenditures This Project		\$30,529.00		\$30,529.00
BALANCE	\$0.00	\$0.00		\$0.00

Fund(s): Water Operating

**Comments:** The contract amendment will result in the expenditure of an amount not to exceed \$98,439.

**RECOMMENDATION:**

City Staff recommends approval of Amendment No. 4 to the monitoring services contract with the Conrad Blucher Institute at Texas A&M University-Corpus Christi in the amount of \$98,439, for a total restated fee of \$555,081 Nueces River Water Quality, Oso Creek Water Level & City of Corpus Christi Meteorological Monitoring 2014-2015.

**LIST OF SUPPORTING DOCUMENTS:**

Project Budget  
Location Map  
Contract  
Presentation