



AGENDA MEMORANDUM

Future Item for the City Council Meeting of October 29, 2013
Action Item for the City Council Meeting of November 12, 2013

DATE: October 14, 2013

TO: Ronald L. Olson, City Manager

FROM: Daniel Biles, P.E., Director of Engineering Services
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Engineering Monitoring Contract

Nueces River Water Quality, Oso Creek Water Level &
City of Corpus Christi Meteorological Monitoring 2013

CAPTION:

Motion authorizing the City Manager, or designee, to execute Amendment No. 3 to the Contract for Monitoring Services with the Conrad Blucher Institute at Texas A&M University - Corpus Christi in the amount of \$93,381.00, for a total restated fee of \$456,642.00 for Nueces River Water Quality, Oso Creek Water Level & City of Corpus Christi Meteorological Monitoring 2013.

PURPOSE:

The purpose of this Agenda Item is to execute the amended contract for Nueces River Water Quality, Oso Creek Water Level & City of Corpus Christi Meteorological Monitoring 2013.

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 Water Quality. The City will work with Conrad Blucher Institute 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 our Storm Water 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 Watershed Monitoring Program with locations in Nueces River, Oso Creek, and Corpus Christi. The contract term of Amendment No. 1 is 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.

This contract, Amendment No. 3, 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 November 15, 2013 through July 31, 2014. If contract is approved, the first invoice from CBI may cover period beginning on August 1, 2013.

ALTERNATIVES:

1. Execute the amended Contract for Monitoring Services with the Conrad Blucher Institute at Texas A&M University - Corpus Christi as proposed.
2. Do not execute the amended Contract for Monitoring Services with the Conrad Blucher Institute at Texas A&M University - Corpus Christi as proposed.

OTHER CONSIDERATIONS:

Not applicable

CONFORMITY TO CITY POLICY:

Conforms to statues regarding FY 2013-2014 Water Operating Budget

EMERGENCY / NON-EMERGENCY:

Non-Emergency

DEPARTMENTAL CLEARANCES:

Water Department

FINANCIAL IMPACT:

Operating Revenue Capital Not applicable

Fiscal Year 2013-2014	Project to Date Expenditures	Current Year	Future Years	TOTALS
Line Item Budget	\$363,261.00	\$125,345.00		\$488,606.00
Encumbered / Expended Amount	\$363,261.00			\$363,261.00
This Item		\$93,381.00		\$93,381.00
Future Anticipated Expenditures This Project		\$31,964.00		\$31,964.00
BALANCE	\$0.00	\$0.00		\$0.00

Fund(s): Water Operating

Comments: The amendment Contract for Monitoring Services will result in the expenditure of an amount not to exceed \$93,381.00.

RECOMMENDATION:

City Staff recommends approval of Amendment No. 3 to the Contract for Monitoring Services with the Conrad Blucher Institute at Texas A&M University - Corpus Christi in the amount of \$93,381.00, for a total restated fee of \$456,642.00 for Nueces River Water Quality, Oso Creek Water Level & City of Corpus Christi Meteorological Monitoring 2013.

LIST OF SUPPORTING DOCUMENTS:

Project Budget
Location Map
Contract
PowerPoint Presentation