



AGENDA MEMORANDUM

Future Item for the City Council Meeting of October 8, 2013
Action Item for the City Council Meeting of October 22, 2013

DATE: September 25, 2013

TO: Ronald L. Olson, City Manager

FROM: Daniel Biles, P.E., Director of Engineering Services
DanB@cctexas.com
(361) 826-3729

Gustavo Gonzalez, P.E., Director of Water Operations
GustavoGo@cctexas.com
(361) 826-1874

Engineering Design Contract
O.N. Stevens Water Treatment Plant
High Service Building No. 3

CAPTION:

Motion authorizing the City Manager or designee to execute the Amendment No. 1 to the Contract for Professional Services with LNV, Inc. of Corpus Christi, Texas in the amount of \$2,358,103.00, for a total restated fee of \$2,405,603.00 for the O.N. Stevens Water Treatment Plant High Service Building No. 3.

PURPOSE:

The purpose of this Agenda Item is to execute the amended contract for O.N. Stevens Water Treatment Plant High Service Building No. 3.

BACKGROUND AND FINDINGS:

The O.N. Stevens Water Treatment Plant (ONSWTP) is currently rated at 161.5 million gallons daily (MGD) and treats approximately five billion gallons of water per year via High Service Pump Building No. 1 and No. 2 (HSPB No. 1 and HSPB No. 2). The HSPB No. 1 is nine years beyond its design lifespan and most of its pumps are out of services. Meanwhile, a recent inspection indicated that the Clearwell No. 1 beneath the HSPB No. 1 needs immediate repairs and maintenance in order to extend its service life.

In order for ONSWTP to maintain its current treatment rating and meet the future water demands of Corpus Christi and the surrounding area as well as the requirements of Alternative Capacity Requirements (ACR) Exception by Texas Commission of Environmental Quality (TCEQ), the aging plant needs the addition of High Service Pump Building No. 3 (HSPB No. 3) to replace HSPB No. 1. The HSPB No. 3 will have a required capacity of approximately 104.2 MGD, and is able to reach 126.6 MGD by adding pumps in phases as needed.

The amended Contract allows the Consultant Engineer, LNV, Inc., to provide engineering services for the new HSPB No. 3. The scope of this project includes preliminary phase, design phase, bid phase, construction phase and additional services.

LNV Engineering was selected as the Consultant Engineer through RFQ No. 2011-05.

ALTERNATIVES:

1. Execute the amended Contract for Professional Services with LNV, Inc. as proposed.
2. Do not execute the amended Contract for Professional Services with LNV, Inc. as proposed.

OTHER CONSIDERATIONS:

Not applicable

CONFORMITY TO CITY POLICY:

Conforms to statues regarding FY 2013-2014 Water Capital Improvement Planning (CIP) 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	\$47,500.00	\$800,000.00	\$25,500,000.00	\$26,347,500.00
Encumbered / Expended Amount	\$47,500.00			\$47,500.00
This Item		\$600,000.00	\$1,758,103.00	\$2,358,103.00
Future Anticipated Expenditures This Project		\$200,000.00	\$23,543,000.00	\$23,743,000.00
BALANCE	\$0.00	\$0.00	\$198,897.00	\$198,897.00

Fund(s): Water CIP #14

Comments: This project requires approximately 1,518 calendar days with anticipated completion December 2017. The Contract for Professional Services will result in the expenditure of an amount not to exceed \$2,358,103.00. This amount will be funded over several years, with FY 14 funding in the amount of \$600,000.00 and future funding will be required in the amount of \$1,758,103.00 to complete the contract. Additional CIP money to cover the total project will be requested at a future time.

The design and construction costs for this project will be financed over multiple years to coincide with actual work performed to the extent funding allows and Council approves through the yearly Capital Improvement Budget program.

RECOMMENDATION:

City Staff recommends approval of Amendment No. 1 to the Contract for Professional Services with LNV, Inc. of Corpus Christi, Texas in the amount of \$2,358,103.00, for a total restated fee of \$2,405,603.00 for the O.N. Stevens Water Treatment Plant High Service Building No. 3.

LIST OF SUPPORTING DOCUMENTS:

Project Budget
Location Map
Contract
Power Point