



AGENDA MEMORANDUM

Future Item for the City Council Meeting of May 12, 2015
Action Item for the City Council Meeting of May 19, 2015

DATE: March 24, 2015

TO: Ronald L. Olson, City Manager

THRU: Gustavo Gonzalez, P.E., Assistant City Manager, Public Works and Utilities
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Engineering Contract

Alternative Capacity Power Generation

CAPTION:

Motion authorizing the City Manager or designee to execute Amendment No. 1 to the engineering contract with Bath Engineering of Corpus Christi, Texas in the amount of \$90,955 for a total restated fee not to exceed \$123,455 for the Alternative Capacity Power Generation.

PURPOSE:

The purpose of this agenda item is to obtain authority to execute a contract amendment for the Alternative Capacity Power Generation. The amendment added scope to study potentially more economical backup alternatives.

BACKGROUND AND FINDINGS:

In June 2012, the Texas Commission on Environmental Quality (TCEQ) approved the City's Alternative Capacity Requirement (ACR) Implementation Plan to replace four existing elevated storage tanks (ESTs) at Pressure Zone 1 (including the O.N. Stevens Water Treatment Plant and three pump stations) with four new ESTs in four phases over a nine-year period. This Plan increases the combined capacity of elevated storage for Pressure Zone 1 from current 3.5 Million Gallon (MG) to 7.5 MG. The first Phase of the ACR Implementation Plan is to install two emergency power generators at the Navigation and Staples Pump Stations. These two emergency power generators will allow for better protection during a City-wide power outage scenario (assumed to be the worst case scenario).

In July 2014, the City administratively awarded the Bath Engineering, the AE consultant, an AE contract to perform feasibility study identifying the best choice of two emergency power generators for the City. Based on the feasibility study, Bath Engineering recommended installing diesel power generators with fuel system at the Navigation and Staples Pump Stations. This recommendation will minimize the construction cost and shorten the construction duration for these two emergency generators.

This AE Contract authorizes Bath Engineering to provide engineering services for the installation of two diesel power generators at the Navigation and Staples Pump Stations. This project is anticipated to complete in October 2016.

Bath Engineering was selected for this project through RFQ 2012-03 Bond Issue 2012 and CIP Projects, dated August 31, 2012.

ALTERNATIVES:

1. Authorize the execution of the engineering contract.
2. Do not authorize the execution of the engineering 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

FINANCIAL IMPACT:

Operating Revenue Capital Not applicable

Fiscal Year 2014-2015	Project to Date Expenditures	Current Year	Future Years	TOTALS
Line Item Budget	\$38,300.00	\$3,752,300.00		\$3,790,600.00
Encumbered / Expended Amount	\$38,300.00			\$38,300.00
This Item		\$90,955.00		\$90,955.00
Future Anticipated Expenditures This Project		\$971,298.00		\$971,298.00
BALANCE	\$0.00	\$2,690,047.00		\$2,690,047.00

Fund(s): Water CIP #3

Comments: This project requires approximately 505 calendar days with anticipated completion in October 2016. The amendment will result in the expenditure of an amount not to exceed \$90,955.

RECOMMENDATION:

City Staff recommends approval of Amendment No. 1 to the engineering contract with Bath Engineering of Corpus Christi, Texas in the amount of \$90,955 for a total restated fee not to exceed \$123,455 for the Alternative Capacity Power Generation.

LIST OF SUPPORTING DOCUMENTS:

Project Budget
Location Map
Contract
Presentation