



AGENDA MEMORANDUM

Future Item for the City Council Meeting of January 28, 2013
Action Item for the City Council Meeting of February 11, 2014

DATE: January 15, 2014

TO: Ronald L. Olson, City Manager

THRU: Mark Van Vleck, P.E., Interim Assistant City Manager for Public Works and Utilities
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FROM: Gustavo Gonzalez, P.E., Executive Director of Utilities
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Engineering Design Contract
Whitecap Wastewater Treatment Plant
Ultra-Violet (UV) Disinfection System Upgrade

CAPTION:

Motion authorizing the City Manager or designee to execute Amendment No. 3 to the engineering design contract with Freese and Nichols, Inc. of Corpus Christi, Texas in the amount of \$416,540.00, for a total restated fee of \$743,640.00 for the Whitecap Wastewater Treatment Plant (WWTP) Ultra-Violet (UV) Disinfection System Upgrade.

PURPOSE:

The purpose of this Agenda Item is to obtain authority to execute Amendment No. 3 to the engineering design contract for Whitecap Wastewater Treatment Plant Ultra-Violet Disinfection System Upgrade.

BACKGROUND AND FINDINGS:

Amendment No. 3 provides for the additional design services of Freese and Nichols, Inc. (FNI) which are outside of the original project scope, but are necessary to facilitate construction and operation of the enhanced Ultra-Violet (UV) disinfection system for the Whitecap Wastewater Treatment Plant. Additional services include the design elements of up to three new UV channels to replace the existing system, a re-lift pump station to provide sufficient head for the disk filters, canopies over the disk filters and UV channels to prevent algae growth, and provide an improved working environment for operation's employees. The recommended improvements will also include electrical and instrumentation improvements required for supporting the disinfection improvements. This project is needed to ensure compliance with new TCEQ discharge permit requirements.

ALTERNATIVES:

1. Authorize the execution of the contract.
2. Do not authorize the execution of the 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 2013-2014	Project to Date Expenditures	Current Year	Future Years	TOTALS
Line Item Budget	\$347,206.00	\$2,327,021.00	\$2,300,000.00	\$4,974,227.00
Additional CIP Request			\$4,600,000.00	\$4,600,000.00
Encumbered / Expended Amount	\$347,206.00			\$347,206.00
This Item		\$416,540.00		\$416,540.00
Future Anticipated Expenditures This Project		\$1,910,481.00	\$6,847,413.00	\$8,757,894.00
BALANCE	\$0.00	\$0.00	\$52,587.00	\$52,587.00

Fund(s): Wastewater CIP #8

Comments: This project requires approximately 1,530 calendar days with anticipated completion in September 2016. The amendment will result in the expenditure of an amount not to exceed \$416,540.00.

RECOMMENDATION:

City Staff recommends approval of Amendment No. 3 to the Engineering Design Contract with Freese and Nichols, Inc. of Corpus Christi, Texas in the amount of \$416,540.00, for a total restated fee of \$743,640.00 for the Whitecap Wastewater Treatment Plant (WWTP) Ultra-Violet (UV) Disinfection System Upgrade.

LIST OF SUPPORTING DOCUMENTS:

- Project Budget
- Location Map
- Contract
- Presentation