



## AGENDA MEMORANDUM

Future item for the City Council Meeting of June 23, 2015  
Action item for the City Council Meeting of July 14, 2015

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**DATE:** June 10, 2015

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

**THRU:** Gustavo Gonzalez, P. E., Assistant City Manager of Public Works and Utilities  
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**THRU:** Susan Thorpe, Assistant City Manager of Safety, Health, and Neighborhoods  
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**FROM:** Valerie H. Gray, P. E., Executive Director of Public Works  
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<p style="text-align: center;"><b><u>Amendment No. 1 to Engineering Design Contract</u></b> <b>Corpus Christi Police Department Building Fire Alarm System Improvements</b></p>
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**CAPTION:**

Motion authorizing the City Manager or designee to execute Amendment No. 1 to an Engineering Design Contract with NRG Engineering from Corpus Christi, Texas in the amount of \$48,880, for a total restated fee of \$55,080, for the Corpus Christi Police Department (CCPD) Building Repair/Replacement project for upgrades and repairs to the fire suppression and alarm systems.

**PURPOSE:**

The purpose of this Agenda Item is to obtain authority to execute Amendment No. 1 to an Engineering design Contract with NRG Engineering for the CCPD Building Repair/Replacement project for upgrades and repairs to the fire suppression and alarm systems.

**BACKGROUND AND FINDINGS:**

The Corpus Christi Police Department (CCPD) Building was built in the 1980s. The fire protection system in that building is close to the end of its service life and needs upgrade or replacement. In December 2014, the City administratively awarded an AE contract to NRG Engineering to conduct a comprehensive investigation to identify any potential deficiencies associated with the fire protection system in the building. The investigation results indicated that the existing fire alarm and suppression system were experiencing critical deficiencies preventing proper operation and function of the system, and the City needed to take immediate actions to repair the fire pump, halon tanks, sprinklers, fire alarm, and domestic water pump of the CCPD Building to prevent any life safety issues.

This Amendment provides for the engineering design to restore the fire alarm system. NRG Engineering will also create computer-aided design and drafting (CADD) documents for the entire building that will allow for better space planning and future projects as needed.



The contract specifically authorizes NRG Engineering to provide Design Phase Services, Bid Phase Services, and Construction Phase Services for the following improvements:

1. Remove and replace existing Halon tanks with new tanks
2. Remove and replace existing fire detection and alarm system with new advanced components
3. Remove and replace domestic water pumps
4. Install new dedicated electrical service for existing fire pump and associated controller

**ALTERNATIVES:**

1. Authorize execution of Amendment No. 1. (Recommended)
2. Do not authorize execution of Amendment No. 1. (Not Recommended)

**OTHER CONSIDERATIONS:**

This project is necessary to solve the potential life safety issues in the City’s Police Building.

**CONFORMITY TO CITY POLICY:**

The Engineering Design Contract and selection process comply with the Professional Procurement Act and City Policy.

**EMERGENCY / NON-EMERGENCY:**

Not applicable

**DEPARTMENTAL CLEARANCES:**

Police Department

**FINANCIAL IMPACT:**

<b>Fiscal Year 2014-2015</b>	<b>Project to Date Expenditures</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Budget	\$0.00	\$500,000.00	\$0.00	\$500,000.00
Encumbered / Expended Amount	\$0.00	\$0.00	\$0.00	\$0.00
This item	\$0.00	\$48,880.00	\$0.00	\$48,880.00
Future Anticipated Expenditures This Project	\$0.00	\$451,120.00	\$0.00	\$451,120.00
BALANCE	\$0.00	\$0.00	\$0.00	\$0.00

Fund(s): Facility and Property Management Fund

**Comments:** None

**RECOMMENDATION:**

City Staff recommends the approval of Amendment No. 1 to the Engineering Design Contract with NRG Engineering.

**LIST OF SUPPORTING DOCUMENTS:**

- Project Budget
- Location Map
- Amendment No. 1
- Presentation