



AGENDA MEMORANDUM

Action Item for the City Council Meeting June 29, 2021

DATE: June 29, 2021
TO: Peter Zaroni, City Manager
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Purchase of Detection Equipment and Containment Devices for Corpus Christi Fire Department

CAPTION:

Motion authorizing the purchase of additional detection equipment and containment devices for hazardous leaks and spills for the Corpus Christi Fire Department from FarrWest Environmental Supply Inc., of Schertz, Texas through the HGAC Buy Cooperative for a total amount of \$111,057.40, effective upon issuance of Notice to Proceed with FY 2021 funding through the Fire Grants Fund.

SUMMARY:

The Corpus Christi Fire Department (CCFD) is requesting to purchase detection and containment devices in an amount of \$111,057.40. The equipment will benefit the CCFD HazMat response team. The equipment will increase the team's safety and ability to identify hazardous unknowns and contain hazardous spills to protect the community and environment.

BACKGROUND AND FINDINGS:

The CCFD is requesting to purchase of multi-gas detectors with various sensors that can monitor oxygen and threats such as Gamma radiation, volatile organic compounds, combustibles, and toxics. The multi-gas detectors will include AreaRAE Pro, QRAE III, MultiRAE Lite, identiFINDER R425-GN devices and RAELink3 mesh modem kits and leak containment tools. The AreaRAE Pro, QRAE III, and MultiRAE Lite devices are multi-gas detectors with various sensors that can monitor oxygen and threats such as Gamma radiation, volatile organic compounds, combustibles, and toxics. The identiFINDER is a radionuclide identification device that locates and measures gamma and neutron radioactive sources. The RAELink3 mesh modem kit enables remote monitoring (data and GPS location) of the equipment and personnel from up to two miles away from the hazard. It also provides real-time sensor readings. The department currently has five QRAE III, MultiRAE Lite, and RAELink3 mesh modem kits.

The leak containment tools include a Midland Emergency Response Kit and MAGNASEAL leak patch. The Midland ERK allows for the quick and safe capping of leaking fittings on the top of pressurized railcars.

The leak patch is a high-strength, magnetic, flexible urethane patch that can hold up to 30 pounds of pressure and will be used to stop or prevent hazardous materials leaks.

The equipment will be purchased through an FY 2019 Citgo donation of \$175,000.

PROCUREMENT DETAIL:

The Fire Department requested Contracts and Procurement to issue a contract through the HGACBuy Cooperative. Contracts awarded through the HGACBuy Cooperative have been competitively procured in compliance with Texas local and state procurement requirements.

ALTERNATIVES:

The alternative is not to purchase the equipment which will result in less detection and containment devices for the HazMat team to utilize when responding to hazardous materials incidents.

FISCAL IMPACT:

The purchase of the detection equipment and detainment devices are a one-time purchase with FarrWest Environmental Supply Inc. of Schertz, TX. The total cost and fiscal impact for CCFD in FY 2021 is \$111,057.40 and will be funded through the Fire Grants Fund.

FUNDING DETAIL:

Fund:	1062	Fire Grants
Organization/Activity:	840016L	CCFD – Citgo Donation FY 2019
Mission Element:	093	Emergency Response Calls
Project # (CIP Only):	N/A	
Account:	520090	Minor Tools & Equipment
Amount:	\$111,057.40	

RECOMMENDATION:

Staff recommends approval of this motion authorizing the purchase of detection equipment and containment devices with FarrWest Environmental Supply Inc. as presented.

LIST OF SUPPORTING DOCUMENTS:

Price Sheet