



AGENDA MEMORANDUM

Action Item for the City Council Meeting August 13, 2024

DATE: August 13, 2024

TO: Peter Zaroni, City Manager

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Purchase of Taylor'd Prop Series 12 training container for the Corpus Christi Fire Department

CAPTION:

Resolution authorizing the purchase of one new re-purposed shipping container extensively modified to be used as a firefighter training device for the Corpus Christi Fire Department from Taylor'd Systems, of Spokane Valley, Washington, in the amount of \$76,275.00, with FY 2024 funding from the General Fund.

SUMMARY:

This resolution authorizes the purchase of one new re-purposed shipping container used as props for firefighter training from Taylor'd Systems in the amount of \$76,275.00 for the Corpus Christi Fire Department.

BACKGROUND AND FINDINGS:

The re-purposed shipping container is a modular, multifunctional repurposed shipping container made of steel that is designed for use by fire departments to train firefighters for real-life situations. The re-purposed shipping container is pre-designed and engineered to allow for immediate on-site firefighting training for multiple scenarios. The container comes pre-assembled and will be delivered on-site by Taylor'd Systems.

The re-purposed shipping container includes the following firefighting training apparatuses: forcible entry of doors, ground level rebar cutting, second story ladder work and high point rescue, roof hatch ingress/egress, confined spaces, hose management, garage door simulation, wall breaching, and several other exercises. Importantly, the re-purposed shipping container is portable and can be moved to different stations and territories so that firefighting units can conduct training on-site.

CCFD currently utilizes a similar training system located at Del Mar College's training facility. This requires CCFD's firefighting units to go out of service to travel outside of their designated territories to conduct the training. This results in a reduced amount of time on the training ground, wear and tear on

CCFD’s fleet, and it negatively impacts available fire coverage for Corpus Christi residents. Additionally, the Del Mar training facility is shared by Del Mar College’s Regional Fire Academy, Del Mar’s Corporate Training Program, and CCFD’s Fire Cadet Academy. As a result, CCFD has to reserve the training facility in order to conduct this training.

The re-purposed shipping container will give CCFD an additional container training prop at the Del Mar Training Facility but will also give CCFD the ability to train its firefighters and cadets on-site throughout the year since the unit can be delivered to any fire station or other location. Furthermore, the re-purposed shipping container from Taylor’d Systems uses universal training parts which will allow CCFD to continually change and improve its firefighting training. The availability of on-site training and features offered from Taylor’d Systems’ re-purposed shipping container will provide CCFD firefighters with better preparedness to help reduce the number of injuries and deaths of firefighters and civilians during firefighting activities. The training features available from Taylor’d Systems’ re-purposed shipping container will also help firefighters train to reduce property damage that can occur during firefighting activities.

PROCUREMENT DETAIL:

This is a sole source procurement from Taylor’d Systems for their re-purposed shipping container. The Taylor’d Systems re-purposed shipping container is proprietary equipment and therefore a sole source purchase as it is manufactured, sold, and distributed exclusively by Taylor’d Systems. No other company makes a similar product, and there are no other agents or dealers authorized to represent this product. The Taylor’d Systems re-purposed shipping container is a one-of-a-kind training device that allows fire stations to have compact and mobile training device on-site. Additionally, competition is precluded by the existence of a pending patent.

The statutory exemption for this purchase falls under Local Government Code, Section 252.022. (2) (a) for a procurement necessary to preserve or protect the public health or safety of the municipality’s residents; and Local Government Code 252.022. (7) (A), as this purchase is available from only one source due to special processes or patents.

The proprietary equipment and features from Taylor’d Systems, LLC. will be installed per specifications and authorizations by the Corpus Christi Fire Department.

ALTERNATIVES:

The alternative is not to approve the purchase of the re-purposed shipping container for the Corpus Christi Fire Department Training Division and to continue conducting this training through Del Mar College’s Training Facility.

FISCAL IMPACT:

The fiscal impact for CCFD in FY 2024 is \$76,275.00, which will be paid through the General Fund.

FUNDING DETAIL:

Fund:	1020	General Fund
Organization/Activity:	12030	Training
Project # (CIP Only):	N/A	
Account:	520090	Minor Tools & Equipment
Amount:	\$76,275.00	

RECOMMENDATION:

Staff recommends approval of this resolution authorizing purchase of one new re-purposed shipping

container for CCFD with Taylor'd Systems, LLC., as presented.

LIST OF SUPPORTING DOCUMENTS:

Resolution
Price Sheet