



## AGENDA MEMORANDUM

Action Item for the City Council Meeting December 3, 2024

**DATE:** December 3, 2024

**TO:** Peter Zanoni, City Manager

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### Purchase of Vehicles and Equipment for the Corpus Christ Fire Department and the Public Works Department

#### **CAPTION:**

Resolution authorizing the purchase of three replacement 2025 Ford F-450 regular cab ambulance chassis from Silsbee Ford, of Silsbee, Texas, through the TIPS Cooperative for the Corpus Christi Fire Department in the amount of \$213,629.79 and one replacement 2024 Caterpillar AP1000 Paver from Holt Cat Company, of Corpus Christi, Texas, through the Sourcewell Cooperative for the Public Works Department in the amount of \$619,778.96, for a total combined amount of \$833,408.75, with FY 2025 funding in the amount of \$619,778.96 from the Fleet Equipment Replacement Fund and \$213,629.79 from the General Fund.

#### **SUMMARY:**

This resolution authorizes the purchase of three replacement 2025 Ford F-450 regular cab ambulance chassis for the Corpus Christi Fire Department and one 2024 replacement Caterpillar AP1000 Paver for the Public Works Department.

#### **BACKGROUND AND FINDINGS:**

##### **Fire Department:**

The Corpus Christi Fire Department will purchase three replacement 2025 Ford F-450 regular cab ambulance chassis in the amount of \$213,629.79. Once the three replacement Ford F-450 regular cab ambulance chassis are received, they will be upfitted with the appropriate equipment and parts and then placed into service. This will allow for three current front-line medic units to be rotated to the reserve fleet. The three current medic units that will be rotated to the reserve fleet are each over nine years old and past their useful service lives. By moving the three current medics to the reserve fleet, it will help CCFD continue to provide a sufficient and reliable reserve fleet while adding replacement medic units to its frontline fleet. Maintaining dependable frontline and reserve fleet units helps CCFD to maintain its overall fleet capacity

and response times.

Currently, CCFD's fleet has 14 front line medic units. Below is a chart signifying the 14 CCFD fire stations with front line medic units.

Station	Address	Medic Unit	Council District
1	514 Belden 78401	Yes	1
2	13421 Leopard St 78410	Yes	1
3	1401 Morgan Ave 78404	Yes	1
4	2338 Rodd Field Rd 78414	No	4
5	3105 Leopard St 78408	No	1
6	6713 Weber Rd 78413	Yes	3
7	3722 S Staples St 78411	Yes	2
8	4645 Kostoryz Rd 78415	Yes	2
9	501 Navigation Blvd 78408	Yes	1
10	1550 Horne Rd 78416	Yes	3
11	910 Airline Rd 78412	Yes	4
12	2120 Rand Morgan Rd 78410	Yes	1
13	1802 Waldron Rd 78418	Yes	4
14	5901 S Staples St 78413	Yes	3
15	14202 Commodores Dr 78418	Yes	4
16	8185 State Hwy 361 78418	No	4
17	6869 Yorktown 78414	Yes	5
18	6226 Ayers St 78415	No	3

The purchase of the three replacement Ford F-450 regular cab ambulance chassis is part of an approved FY 2025 Budget Initiative.

**Public Works Department:**

The Public Works Department will purchase one replacement 2024 Caterpillar AP1000 Paver in the amount of \$619,778.96. The replacement paver will replace Public Work's current 2010 Caterpillar AP-1000D Paver, which is 14 years old and past its useful service life.

The current 2010 Caterpillar AP-1000D Paver is experiencing frequent breakdowns (nine breakdowns during FY 2024) which are causing significant delays and increased maintenance costs. With the implementation of the City's Rapid Pavement Program and the recently approved Non-Structural Overlay program, it is crucial that Public Works has reliable and efficient equipment to meet its operational goals. The new Caterpillar AP1000 Paver offers several advanced features that will enhance productivity and efficiency. These features include:

- Improved fuel efficiency with advanced Eco-mode and integrated generator design
- Enhanced operational capabilities and superior turning capability
- Advanced technology such as pave start assistant, thermal mapping, and hopper level sensors

The funds for this replacement paver unit will come from the FY 2025 Vehicle Equipment Replacement Fund. This purchase will be for one of the two new pavers that will be acquired by Public Works during FY 2025.

**PROCUREMENT DETAIL:**

This procurement is through the Sourcewell Cooperative and the TIPS Cooperatives. Contracts awarded through the Sourcewell and TIPS Cooperatives have been competitively procured in compliance with local and state procurement requirements.

For the three replacement Ford F-450 ambulance chassis, the City obtained a quote from Rockdale Country Ford through the BuyBoard Cooperative in the amount of \$247,005.00 and another quote from Silsbee Ford through the TIPS Cooperative in the amount of \$213,629.79.

For the replacement Caterpillar AP1000 Paver, Holt Cat Company offers an 18% discount (\$126,045.00) through the Sourcewell Cooperative versus an 8% discount (\$56,020.08) through the BuyBoard Cooperative. Holt Cat Company is the exclusive Caterpillar vendor for South Texas.

Below are two summary tables that provide respective cost comparisons for the purchase of the one replacement Caterpillar AP1000 Paver and the purchase of the three replacement Ford F-450 medic unit chassis. The first table shows the cost comparison between the Sourcewell Cooperative and the Buyboard Cooperative for the purchase of the replacement Caterpillar AP1000 Paver. The second table shows the cost comparison between the TIPS Cooperative and the BuyBoard Cooperative for the purchase of the three replacement Ford F-450 regular cab ambulance chassis.

The costs provided in the table below are based on quotes provided in advance of the units being ordered through the approved vendor. The final price of the units is subject to change and will be realized upon finalization of the individual vendor contracts. To combat the potential price fluctuations, contingency funding of 10% has been included within the final costs to cover any price increases resulting from inflation, volatility of market conditions, and supply chain issues. Having a built-in contingency allows for greater flexibility in procuring vehicles and equipment in this fast-moving market. The contingency funds will only be accessed on an as-needed basis and any unused funds will remain available for future replacement purchases.

**F-450 Ambulance Chassis**

Cooperative	Base Cost	Coop Discount %	Cost Less Coop Discount	Dealer Charges and Discounts (+)	Total Co-op Cost Per Unit	Contingency Costs of 10% (Per Unit)	Final Cost for 3 F-450 Chassis
BuyBoard	\$55,995.00	22.94%	\$43,150.00	\$31,700.00	\$74,850.00	\$7,485.00	\$247,005.00
TIPs	\$55,995.00	16.72%	\$46,631.00	\$18,105.30	\$64,736.30	\$6,473.63	\$213,629.79

**AP1000 Paver**

Cooperative	Retail Cost	Coop Discount %	Cost Less Coop Discount	Dealer Charges and Discounts (-)	Total Co-op Cost Per Unit	Contingency Costs of 10%	Final Cost for 1 AP1000 Paver
Sourcewell	\$700,251.00	18%	\$574,206.00	\$10,770.58	\$563,435.42	\$56,343.54	\$619,778.96
BuyBoard	\$700,251.00	8%	\$644,230.92	\$10,643.84	\$633,587.08	\$63,358.71	\$696,945.79

**ALTERNATIVES:**

The alternative is not to approve these purchases and instead continue using current units that are beyond their expected service lives. This would increase the cost of repairs and result in a loss of productive man-hours due to more frequent maintenance issues. It would also affect employee safety since the current units are beyond their expected services lives and could suffer malfunctions and other issues.

**FISCAL IMPACT:**

The fiscal impact in FY 2025 is an amount of \$833,408.75, with funding in the amount of \$619,778.96 from the Fleet Equipment Replacement Fund and \$213,629.79 from the General Fund.

**FUNDING DETAIL:**

Fund: 1020 General  
Organization/Activity: 35100 City Ambulance Operations  
Department: 10 Fire  
Project # (CIP Only): N/A  
Account: 550020 Vehicles & Machinery  
Amount: \$213,629.79

Fund: 5111 Fleet Equipment Replacement  
Organization/Activity: 12431 Streets Fund Fleet  
Department: 13 Fleet  
Project # (CIP Only): N/A  
Account: 550020 Vehicles & Machinery  
Amount: \$619,778.96

**RECOMMENDATION:**

Staff recommends approval of this item authorizing the purchase of three replacement 2025 Ford F-450 regular cab ambulance chassis and one replacement 2024 Caterpillar AP1000 Paver, as presented.

**LIST OF SUPPORTING DOCUMENTS:**

Resolution  
Exhibit 1 Spreadsheet  
Exhibit 2 Spreadsheet