



AGENDA MEMORANDUM

Action Item for the City Council Meeting September 10, 2024

DATE: September 10, 2024
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Purchase of LifePak Cardiac Monitors and Accompanying Software Licenses and Preventative Maintenance for the Corpus Christi Fire Department

CAPTION:

Resolution authorizing the purchase of four additional LifePak cardiac monitors and accompanying software licenses and preventative maintenance services from Stryker Sales, of Kalamazoo, Michigan, for the Corpus Christi Fire Department for \$311,160.68, with FY 2024 funding from the General Fund.

SUMMARY:

This resolution authorizes an agreement for the purchase of four additional LifePak cardiac monitors and accompanying software licenses and preventative maintenance services from Stryker Sales, LLC. The LifePak will be used by the Fire Department during Emergency Medical Service (EMS) calls.

BACKGROUND AND FINDINGS:

Cardiac monitors are critical medical devices used in emergency settings to continuously observe and display patients' heart activity, including heart rate and rhythm. Cardiac monitors can identify abnormalities and deliver electrical shocks (defibrillation) to restore normal heart function when necessary. The devices also enhance patient care by providing real-time data to EMS providers which helps facilitate timely interventions during cardiac emergencies.

Cardiac monitors also allow EMS providers to provide hospitals with patients' electrocardiogram so that doctors and nurses can deliver appropriate care in an expeditious manner. Additionally, cardiac monitors are compatible with the web-based LIFENET System 5.0, which allows EMS providers to share critical patient data with various patient care teams at the hospitals. The devices also include CODE-STAT software, which allows EMS providers to analyze cardiopulmonary resuscitation (CPR) statistics that are used to provide targeted training and feedback for EMS personnel.

The Corpus Christi Fire Department (CCFD) currently has 17 LifePak cardiac monitors. Fourteen of the LifePaks are assigned to frontline ambulances, two are assigned to the Ambus, and one is assigned to the

Training Division for cadet instruction.

The purchase of four additional LifePak cardiac monitors will be used to support the peak demand medic unit stationed at Fire Station 14. They will also be used to enhance readiness for disaster deployments, and to accommodate special events such as the Mayor's Big Bang Celebration, Buc Days Parade, and other events that require additional ambulances. Furthermore, the four additional LifePak cardiac monitors will function as backups if any of the current LifePak cardiac monitors require repairs.

Below is a table displaying the 14 CCFD Fire Stations with front line medic units with LifePaks cardiac monitors.

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 LifePak cardiac monitors includes a seven-year warranty with preventative maintenance that includes a complete functionality run through on an annual basis, computer-aided performance inspection procedure to check for exterior physical damage and basic functionality, therapy testing, electrocardiogram performance testing, patient parameter function, data management and leakage current testing. This maintenance will ensure that the LifePaks are calibrated correctly and up to standard, along with software updates. The warranty also includes parts, labor, travel, and battery/charger replacement.

PROCUREMENT DETAIL:

This procurement is a direct purchase with Stryker Sales, LLC., of Kalamazoo, Michigan, under the Local Government Code, Section 252.022(a) (2), as this purchase is necessary to preserve or protect the public health or safety of the city's residents, and Local Government Code 252.022(a) (7) (a) items that are available from only one source because of patents, copyrights, secret processes, or natural monopolies. Lifepak monitor technology system units are manufactured by and available for purchase from Stryker Sales, LLC.

ALTERNATIVES:

The alternative is to not purchase the four additional LifePak cardiac monitors and to instead continue responding to EMS calls with the current available equipment. However, this will lead to more downtime for the existing cardiac monitors due to more frequent repairs and maintenance as a result of increased usage.

FISCAL IMPACT:

The fiscal impact for CCFD in FY 2024 is \$311,160.68, which will be funded through the General Fund.

FUNDING DETAIL:

Fund:	1020	General Fund
Organization/Activity:	35100	City Ambulance
Department:	10	Fire Department
Project # (CIP Only):	N/A	
Account:	520090	Minor Tools & Equipment
Amount:	\$311,160.68	

RECOMMENDATION:

Staff recommends approval of the resolution authorizing the purchase of four LifePak cardiac monitor technology system units for the Corpus Christi Fire Department with Stryker Sales, LLC., as presented.

LIST OF SUPPORTING DOCUMENTS:

Resolution
Price Sheet