



PURCHASE OF CARDIAC MONITOR/DEFIBRILLATORS

RS-25-180

November 4, 2025

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- ❑ Cardiac monitors/defibrillators are used to detect and treat life-threatening heart rhythms by continuously monitoring the heart's electrical activity and delivering electrical shocks to restore a normal heart rhythm or to pace the heart.
- ❑ These devices are used for patients at risk of sudden cardiac arrest, those with conditions like heart failure or ventricular tachycardia, and to diagnose the cause of symptoms like fainting, chest pain, or palpitations.
- ❑ The monitors are used to assess every patient the fire department contacts, which is more than 23,000 times each year.

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- An end-user study and evaluation was performed to assess available options from various manufacturers, to include a 4-year service warranty, after action patient case review, blood pressure cuffs, electrodes, electrode cables, defibrillator pads, batteries, storage cases, durability, etc.

- Alternatives considered:
 - LifePak 35 from Stryker
 - X-Series from Zoll
 - Tempus Pro from Philips
 - Not evaluated due to two-piece design

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Philips



Stryker



Zoll

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- Staff recommends the Zoll X-Series for the following reasons:
 - ▣ Ability to see the underlying cardiac rhythm while performing CPR
 - ▣ CPR feedback for manual compressions
 - ▣ Includes EKG printer in unit (printed EKG required for Justice of the Peace)

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- Staff recommends the Zoll X-Series for the following reasons:
 - ▣ Provides respiratory rate and tidal volume for airway management
 - ▣ Transmits information to the hospital through Bluetooth and Cradlepoint
 - ▣ Remote access to real-time and post event cardiac data for quality improvement

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- Financial Impact
 - ▣ \$1,590,728.62 over 5 years at Zero (0)% interest
- FY26 expenditure:
 - ▣ Due net 30 days: \$318,145.72
 - ▣ FY27: \$318,145.72
 - ▣ FY28: \$318,145.72
 - ▣ FY29: \$318,145.72
 - ▣ FY30: \$318,145.72
- Conforms to City Policy: Zoll Sourcewell Cooperative Contract #041823

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- Staff recommends authorizing the City Manager, or his designee, to execute the purchase of 24 cardiac monitors/defibrillators and associated accessories from Zoll Medical Corporation through their Sourcewell Contract #041823, in an amount not to exceed \$1,590,728.62 over 5 years at Zero (0) % interest, paid \$318,145.72 annually, and that the City Manager or his designee is expressly authorized to execute any and all change orders within the amounts set by state and local law.