



# Engine and Ambulance Equipment

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PRESENTED TO COUNCIL – DECEMBER 15, 2025



## Engines & Ambulances

# Engine and Ambulance Equipment

- On May 1, 2023 Council approved the purchase of two Pierce Custom Velocity (Pump Under Chassis) Engines *and the necessary equipment*
- On February 3, 2025 Council approved the purchase of two Ford 550 Horton 603 Type I Ambulances *and the necessary equipment*
- *December 15, 2025 Report and Presentation to Council for consideration of the necessary equipment for two Pierce Custom Velocity Engines (Pump Under Chassis) and two Ford 550 Horton 603 Type I Ambulances*



# Engines and Equipment

- On May 1, 2023 Council approved the purchase of two Pierce Velocity (Pumper Under Chassis) Engines and the necessary equipment

Per Engine

| Description                                 | Vendor            | Amount \$  |
|---|-------------------|------------|
| Lucas Device                                | Stryker Agreement | \$ 29,471  |
| Extrication Equipment                       | EMS Agreement     | 47,322     |
| Tools and Equipment                         | Metro Fire Eq.    | 55,931     |
| Zoll Cardiac Monitor/Svc Agreement 4 Yr     | Zoll Agreement    | 56,345     |
| Communications Technology                   | Multiple Vendors  | 34,984     |
| Blue Tooth Headsets/Equipment               | Multiple Vendors  | 4,081      |
| Hoses and Attachements                      | Multiple Vendors  | 11,507     |
| Tools and Equipment (Power Tools/Specialty) | Multiple Vendors  | 5,642      |
| TOTAL                                       |                   | \$ 245,282 |
| Approved Budget with Engines (05/23)        |                   | \$ 240,000 |
| Variance - Covered with Operating Budget    |                   | \$ 5,282   |



# Ambulances and Equipment

- On February 3, 2025 Council approved the purchase of two Ford 550 Horton 603 Type I Ambulances and the necessary equipment

## Per Ambulance

| Description                              | Purchase Method   | Amount \$  |
|--|-------------------|------------|
| Lucas Device                             | Stryker Agreement | \$ 29,471  |
| Stryker Cot, Load System, Chair          | Stryker Agreement | 92,022     |
| Zoll Cardiac Monitor/Svc Agreement 4 Yr  | Zoll Agreement    | 56,345     |
| Communications Technology                | Multiple Vendors  | 34,424     |
| SCBA Equipment, Cylinders, Masks         | Multiple Vendors  | 36,364     |
| TOTAL                                    |                   | \$ 248,626 |
| Approved Budget with Ambulances (02/25)  |                   | \$ 246,316 |
| Variance - Covered with Operating Budget |                   | \$ 2,310   |





## Zoll Zenix Cardiac Monitor – Main Functions

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- Compact, rugged monitor-defibrillator for EMS and critical care
- Real-time CPR feedback with Real CPR Help®
- 12-lead ECG acquisition and transmission
- External pacing with adjustable rate and output
- Multi-parameter monitoring: ECG, SpO<sub>2</sub>, EtCO<sub>2</sub>, NIBP, temperature
- Intuitive touchscreen interface for fast operation
- Long battery life and lightweight design for field use
- Seamless data connectivity with ePCR systems



# LUCAS – Key Functions & Benefits

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- Delivers automated, high-quality CPR with consistent depth of 2.1 inches and rate of 102 compressions per minute
- Enables CPR during transport, including in ambulances and helicopters
- Supports advanced care like ECMO and PCI by maintaining perfusion
- Shown to increase brain blood flow by 60% compared to manual CPR
- Operates with >99% reliability in clinical use
- Reduces caregiver fatigue and improves provider safety
- Frees up team to focus on diagnosis and other life-saving tasks
- Used globally with 50,000+ units and a patient treated every minute



## Power-PRO Cot + Power-LOAD – Integrated Transport Solution

### Power-PRO 2 Cot

- One-touch height adjustment for optimal transport and loading
- Retractable foot section extends/retracts 3 inches for tight spaces
- Ergonomic design reduces body fatigue during manual handling
- Smart hydraulics enable true unassisted lifts with load-sensing
- Built-in lights and reflectors for visibility in low-light conditions
- Bumper detection tech helps prevent cot and patient injury

### Power-LOAD Fastener System

- Supports cot during loading/unloading to reduce spinal strain
- Wirelessly syncs with Power-PRO cots—no steering required
- Minimizes patient drop risk by stabilizing until wheels touch down
- Crash-tested for maximum occupant safety
- Manual back-up system ensures reliability in any scenario



# Metro Contract Highlights of Equipment

## **Fire Hose & Couplings**

- Multiple sizes and types of high-flow combat-ready hoses (1.75", 2", 3", 5")
- Storz and NH couplings, swivel and rigid rocker lugs
- Custom laser etching and stenciling with "BURLESON" labeling

## **Tools & Forcible Entry**

- Maximus Rex, Pro Bar, bolt cutters, axes (flathead, pickhead), sledgehammers
- Roof hooks, trash hooks, pike poles, and crowbars

## **Water Supply & Hydrant Accessories**

- Adjustable hydrant wrenches, hose clamps, standpipe kits, hydrant valves
- Salvage covers, hose rollers, and hose clamps

## **Rescue & Safety Gear**

- NRS rescue duffel bags, throw bags, PFDs, helmets, whistles, and knives
- Gas detection instrument (Sensit Gold G2), SCBA cylinders and brackets

## **Lighting & Power**

- Command Light rapid deploy lights, battery-powered PPV fan
- Honda inverter generator (2200W), strobe lights

## **Thermal Imaging & Decon**

- Bullard QXT Pro thermal imager with accessories
- OnScene decon cloths and dispenser

## **Stabilization & Airbag Systems**

- Kevlar airbags (12–22 ton), struts, hoses, inline relief valves
- Control kits and carrying cases

## **Miscellaneous**

- Traffic cones, wheel chocks, fire line tape, elevator key sets
- Custom color fees and engraving charges

## **SCOTT X3 Pro SCBA**

- Designed for high-performance respiratory protection in demanding fireground conditions

## **Bluetooth-Enabled Face Mask**

- Integrated communication capabilities for enhanced team coordination



# Funds

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## Two Ambulances & Equipment

- In CIP FY26: \$1,326,000
- Current activity: \$832,659.93 currently encumbered to build ambulances

## Two Fire Engines & Equipment

- In CIP FY26: \$2,600,000
- Current activity: \$2,051,962.00 currently encumbered to build engines



## Equipment Agreements

## Council Consideration

| Council Consideration                        | Units | Unit Cost | Total      |
|--|-------|-----------|------------|
| Zoll (Cardiac Monitors) Engines & Ambulances | 4.00  | \$ 56,345 | \$ 225,380 |
| Metro (Power Tools & Equipment) Engines      | 2.00  | \$ 55,931 | \$ 111,861 |
| Stryker (Load System) Ambulances             | 2.00  | \$ 92,022 | \$ 184,044 |
| Stryker (Lucas Devices) Engines & Ambulances | 4.00  | \$ 29,471 | \$ 117,884 |



***Questions or Comments ?***