



Engine and Ambulance Equipment

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
<i>Variance - Covered with Operating Budget</i>		<i>\$ 2,310</i>



Zoll Zenix Cardiac Monitor – Main Functions

- 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, SpO₂, EtCO₂, 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

- 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

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 ?