



# Fire Apparatus Repair Parts and Services Contracts

City Council

June 17, 2024

# Fire Fleet Background



- The Equipment Services Division of Public Works & Engineering is responsible for facilitating vehicle and equipment purchases as well as providing maintenance and repair of City fleet assets during their life cycle with the City.
- Fire Fleet consists of 30 distinct pieces of equipment, ranging from upfitted medium duty trucks to ambulances as well as aerial apparatuses.



# Fire Fleet Maintenance



- To ensure operational readiness, City Staff facilitate regular inspections and tests. These include:
  - Yearly state inspections
  - Annual pump tests
  - Annual aerial inspections
  - 5-year Non-Destructive Testing (NDT)
- The annual aerial inspections and 5-year tests, are performed by independent third-party inspectors who provide detailed reports on the condition of the equipment. These reports highlight critical and recommended services or repairs.

Hydraulic Components	
Hydraulic Reservoir	
The hydraulic reservoir was inspected for hydraulic fluid leakage:	No Defects Found
Hydraulic Pump	
The hydraulic pump was inspected for hydraulic fluid leakage:	No Defects Found
Power Take-Off (PTO)	
The PTO was inspected for hydraulic fluid leakage:	No Defects Found
The PTO engages and disengages properly:	Yes
Diverter Valve	
The diverter valve was inspected for hydraulic fluid leakage:	No Defects Found
Hydraulic Lines and Hoses	
Hydraulic lines in the chassis were inspected for kinks, cuts, abrasions, and hydraulic fluid leakage at connectors and fittings:	No Defects Found
Hydraulic lines in the torque box were inspected for kinks, cuts, abrasions, and hydraulic fluid leakage at connectors and fittings:	No Defects Found
Hydraulic lines in the turntable were inspected for kinks, cuts, abrasions, and hydraulic fluid leakage at connectors and fittings:	No Defects Found
Hydraulic lines in the aerial device sections were inspected for proper mounting, kinks, cuts, cracking, abrasions, and hydraulic fluid leakage at connectors and fittings:	No Defects Found
Hydraulic lines in the stabilizer system were inspected for kinks, cuts, abrasions, and hydraulic fluid leakage at connectors and fittings:	No Defects Found
Rotation Hydraulic Swivel	
The rotation hydraulic swivel was inspected for hydraulic fluid leakage:	No Defects Found

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Aerial Device Examination

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# Metro Fire Services and Siddons-Martin



The Burleson Fire Department Fleet includes:

- Six apparatuses manufactured by Spartan and Metro Fire Services is the authorized parts and service provider for this region.
- Three apparatuses, with additional units on order, manufactured by Pierce and Siddons-Martin is the authorized parts and service provider for this region.
- Four ambulances manufactured by Demers and Siddons-Martin is the authorized parts and service provider for this region.

# Parts and Repairs



- Previous contracts with both Siddons Martin and Metro Fire in November 2023.
- Approximately \$30k spent through administrative purchasing since October 2023 on parts for basic maintenance and repairs by Equipment Services staff.
- As the fleet grows and the Fire Fleet ages, there is an increasing need to use external resources for maintaining fleet readiness. The proposed agreements with both vendors will ensure that repairs are completed promptly and that equipment needing specialized attention is quickly returned to service.
- As designated warranty repair facilities, Siddons Martin and Metro Fire can coordinate warranty repairs at the same time as repairs that were identified through third-party inspections, reducing downtime and maintaining Fire Fleet readiness.



# BuyBoard Cooperative Purchasing



- BuyBoard cooperative contracts enhance procurement efficiency for local governments by leveraging collective purchasing power, allowing access to diverse goods and services at competitive rates, and saving time and resources.
- Rigorous solicitation processes ensure compliance with procurement regulations and provide access to reputable suppliers.
- BuyBoard offers a 1% rebate on purchases.
- The city has received almost \$20,000 in rebates through the use of BuyBoard Contracts since 2021.





# Action Requested

APPROVAL RECOMMENDED



Approve a Cooperative Purchase Customer Agreement for repair services and replacement parts for fire apparatuses from Siddons-Martin Emergency Group, LLC., for three years in the amount of \$325,000



Approve a Cooperative Purchase Customer Agreement for repair services and replacement parts for fire apparatuses from Metro Fire Apparatus Specialists, for three years in the amount of \$325,000



# Questions

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