



## Upper Captiva

### Fire Protection & Rescue Service District

FY 2024 Capital Funding/Expenditure Requests

**Date:** 01/16/2024

**Department:** Fire Department: EMS Operations

**Submitting Official:** Dan Garretto, Division Chief EMS

Seb Bledsoe, EMS Assistant

**Capital Item/Project Requested:** Zoll Z-Vent Ventilator

**Ranking among department requests:** 1 of 8

**Priority:** HIGH

**Capital Item/Project Cost:** Waiting for vendor to supply UCFD quote from demo on 1/15/24.

**Projected use of life:** N/A

**Capital Item/Project Description:** The Z-Vent portable critical care ventilator is a small, lightweight, fully featured ventilator designed to operate in Fire, EMS, hospitals and critical care environments.

**Purpose and/or benefit:** External power supply or internal Lithium-ion Battery to provide 10 hours of continued use. Provides 21 to 100% O<sub>2</sub>. Uses 1/3 less O<sub>2</sub> supply when attached to the machine. Used for CHF, Asthma, COPD patients. Ventilation, CPAP and BI-PAP support. Rugged, water resistant, shock resistant, dustproof. Works on room air without O<sub>2</sub> supply.

**Operating/Maintenance impacts:** Conforms to UCFD/LCEMS Updated Medical Protocol. Preventative Maintenance yearly. Will overnight unit if one were to fail.

**Availability of state/federal grant money:** Looking into grant availability.

**Attached supporting documentation:** Will show demonstration and supporting documents during the January 19<sup>th</sup> meeting.



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**Capital Item/Project Requested:** MedixSafe by Bioconnect Safe/Locker

**Ranking among department requests:** 2 of 8

**Priority:** HIGH

**Capital Item/Project Cost:** \$6200

\$1900-\$2050 per safe. Looking into 2 to 3 total. (1 large main, 1 or 2 small for rescue/transport units)

**Projected use of life:** Lifetime with warranty

**Capital Item/Project Description:** Flexible Authentication Narcotics Safe Locker with pin pad and web-based cloud storage.

**Purpose and/or benefit:** Multiple safe authentication access by card, PIN, fingerprint biometrics or mobile verification. Secures everyday medications and narcotics. Alerts and tracks users from entering and removing medications. Identity verification must be required to gain access. Prevents lost or stolen drugs and maintains accountability.

**Operating/Maintenance impacts:** Technical and Hardware Lifetime Warranty with license fee being activated. 3-year minimum term, one fee. Renew annually, 3 or 5 years after.

**Availability of state/federal grant money:** Looking into grant availability.

**Attached supporting documentation:**



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**Capital Item/Project Requested:** LUCAS 3 + EleGARD

**Ranking among department requests:** 3 of 8

**Priority:** HIGH

**Capital Item/Project Cost:** Waiting for quote from vendor. (online \$23k-\$32k)

**Projected use of life:** N/A

**Capital Item/Project Description:** External CPR Device

**Purpose and/or benefit:** Automated mechanical CPR device that delivers continuous hands-free chest compressions. This will eliminate the need for the rescuer to perform continuous long-term chest compressions. With minimum staffing and prolonged mutual aid and/or transport, this will be beneficial for cardiac arrests in the field. It will alleviate rescuer exhaustion and will free up extra hands for other patient care.

**Operating/Maintenance impacts:** Conforms to UCFD/LCEMS Updated Medical Protocol.

**Availability of state/federal grant money:** EMS Grant applied for.

**Attached supporting documentation:**



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**Date:** 01/16/2024

**Department:** Fire Department: EMS Operations

**Submitting Official:** Dan Garretto, Division Chief EMS

Seb Bledsoe, EMS Assistant

**Capital Item/Project Requested:** Video Laryngoscope

**Ranking among department requests:** 4 of 8

**Priority:** MEDIUM

**Capital Item/Project Cost:** \$500-\$3500+ (shopping for best vendor)

**Projected use of life:** N/A

**Capital Item/Project Description:** Endotracheal Video Laryngoscope, high resolution camera, rechargeable battery, anti-fog, anti-shatter capability.

**Purpose and/or benefit:** The Video Laryngoscope provides a high-resolution view of the glottis opening and will enable the paramedics first attempt success while minimizing any chance of complication during the intubation process.

**Operating/Maintenance impacts:** Conforms to UCFD/LCEMS Updated Medical Protocol.

**Availability of state/federal grant money:** Looking into grant availability.

**Attached supporting documentation:**





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**Date:** 01/16/2024

**Department:** Fire Department: EMS Operations

**Submitting Official:** Dan Garretto, Division Chief EMS

Seb Bledsoe, EMS Assistant

**Capital Item/Project Requested:** Arrow EZ I/O Kit

**Ranking among department requests:** 5 of 8

**Priority:** HIGH

**Capital Item/Project Cost:** Online \$1500-\$3000? (Searching for best vendor)

**Projected use of life:** 10 years or 500 IO accesses

**Capital Item/Project Description:** EZ I/O Drill kit. Carry case, needles.

**Purpose and/or benefit:** Electric drill for intraosseous access suitable for adults and children. Administration of fluid, medication and blood products.

**Operating/Maintenance impacts:** Conforms to UCFD/LCEMS Updated Medical Protocol.

**Availability of state/federal grant money:** Looking into grant availability.

**Attached supporting documentation:**



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**Submitting Official:** Dan Garretto, Division Chief EMS

Seb Bledsoe, EMS Assistant

**Capital Item/Project Requested:** Evac-U-Splint

**Ranking among department requests:** 6 of 8

**Priority:** MEDIUM-HIGH

**Capital Item/Project Cost:** \$1200 (Online) (Searching for best vendor)

**Projected use of life:** N/A

**Capital Item/Project Description:** The Evac-U-Splint mattress provides fast, effective and comfortable immobilization for the entire patient. Molding to the specific contours of the patient's body without providing pressure, the vacuum mattress reduces pressure point tenderness.

**Purpose and/or benefit:** Extremely durable, easy to clean fabric. Evenly distributes body weight eliminating specific pressure points. Reduces potential nerve, vessel and tissue damage. Provides thermal insulation which is beneficial to the geriatric patient. Ideal for injuries to the spine, back, hips, pelvis or trauma patients with multiple fractures. So much more!!

**Operating/Maintenance impacts:** Conforms to UCFD/LCEMS Updated Medical Protocol.

**Availability of state/federal grant money:** Looking into grant availability.

**Attached supporting documentation:**



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**Capital Item/Project Requested:** Wireless Ultrasound Device

**Ranking among department requests:** 7 of 8

**Priority:** LOW-MEDIUM

**Capital Item/Project Cost:** \$1500-\$5000 (Searching for best vendor)

**Projected use of life:** N/A

**Capital Item/Project Description:** Localized ultrasound imaging.

**Purpose and/or benefit:** Advanced ALS procedure to provide localized internal images within the body. Application for use in the abdomen, gynecology, obstetric, cardiac, urology, kidney. The probe will be able to determine if there are working functions in the body cavity.

**Operating/Maintenance impacts:** Conforms to UCFD/LCEMS Updated Medical Protocol, AP Paramedic

**Availability of state/federal grant money:** Looking into grant availability.

**Attached supporting documentation:**



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**Capital Item/Project Requested:** Miscellaneous Products

**Ranking among department requests:** 8 of 8

**Priority:** MEDIUM-HIGH

**Capital Item/Project Cost:** \$1000-\$5000 (online site or vendor)

**Projected use of life:** N/A

**Capital Item/Project Description:** Miscellaneous EMS equipment that may be used for patient rescue, stability, packaging, lifting. Rescuer equipment that may be used for rehab, comfortability, safety, BSI, PPE, etc.

**Purpose and/or benefit:** As mentioned above.

**Operating/Maintenance impacts:** N/A

**Availability of state/federal grant money:** Looking into grant availability.

**Attached supporting documentation:**

**Capital item/product pricing will be provided and updated upon receipt. All items requested have NOT been approved for any federal, state or local funding. Grants will be utilized ONLY if applicable and funded, if considered or approved.**