

## **FY2021 EMS Project Summary – Page 1**

### **24<sup>th</sup> Annual First There First Care EMS Conference**

Funding Requested - \$35,000.00

Funding Recommended - \$25,000.00

The First There First Care Conference provides innovative EMS education to over 500 EMS Nursing Professionals working in pre-hospital and Emergency Department settings. It allows the opportunity for networking, trend and treatment tracking, and provides EMS and Nursing professionals continuing education credits to ensure that Broward County residents are receiving the best care possible.

### **Broward Pre-Hospital Training and Education**

Funding Requested - \$70,000.00

Funding Recommended - \$35,000.00

Broward Pre-Hospital Training and Education provides Pre-Hospital Trauma Life Support (PHTLS), an internationally recognized 16-hour CE program. PHTLS offers two options to take the course: a 2-day in-person, or a one day hybrid (online didactic and in-person simulation). Both improve trauma care by focusing education on critical thinking and provides opportunity for skills training. The course includes topics such as scene/patient assessment, shock, airway management, emergency management, education on special populations, and traumatic injuries. Each EMS agency will have the opportunity to send one representative to become a PHTLS instructor.

Dynamic Airway Labs has developed a 4-hour advanced airway course designed specifically for pre-hospital providers. The course includes both a didactic and simulation component. The didactic session will review critical airway management, pitfalls, and proper technique. The simulation session will use three-dimensional printed tracheas, simulation ski, and human interaction to practice both basic and advanced airway management.

**Pre-Hospital Ventilator – Improving Survivability Tamarac**

Funding Requested - \$18,000.00

Funding Recommended - \$8,010.00

Tamarac’s population continues to grow at a rate of 1% per year over the past 10 years (US Census Bureau). With significant population increase, cardiac arrest calls are also increasing. For 2020, Tamarac Fire Rescue (TFR) is up to 136 calls through August and annual snowbirds have not yet arrived (TFR In-house records).

The calls are followed by transport to a hospital or resuscitation center. During this critical time, a patient’s oxygen levels must be maintained for optimum survivability. TFR requires prehospital ventilators to improve its pre-hospital emergency medical response to meet the expanding number of transports while minimizing first responder fatigue.

Research shows for optimal outcomes, immediate chest compressions and if appropriate, defibrillation to restart the heart, are essential in the chain of survivability. This proposed device is an O-TWO Care vent. It would give TFR the ability to properly auto-ventilate the increasing number of patients requiring a pre-measured amount of tidal volume for tissue perfusion without increasing intrathoracic pressure.

This purchase provides for one pre-hospital ventilator for every front-line Advanced Life Support (ALS) apparatus plus one pre-hospital ventilation to be put in service for emergency activations. Broward Health, Florida Medical, and University Hospital & Medical Center strongly support the equipment as a critical for Tamarac’s first responders.

**Ballistic Protective Equipment**

Funding Requested - \$52,680.00.00

Funding Recommended - \$26,000.00

This is an opportunity for EMS agencies in Broward County to be supplied with body armor during incoming small and large scale city (violent) events, but not limited to active killer, domestic violence, and bomb threats. Ballistic Protective Equipment (BPE) provides an essential protective barrier between fire/rescue and EMS personnel who respond to active killer, and mass casualty events and a high layer of torso and head protection.

Wearing BPE during threatening events, is not a trend but a current mandated safety and protection policy for many fire/rescue and EMS agencies in Broward County. The intent of this proposal (and due to funding constraints) is for their Battalion Chief SUV’s to carry six sets of BPE each (not three), so that the Pompano Beach Fire Rescue (BPFR) Battalion Chief can immediately supply BPFR emergency responders or mutual aid agencies or mutual zones with immediate access to 12 sets of BPE. The grant would help supply front line ALS units with BPE on each unit. Currently, none of their ALS transports or non-transport vehicles carry BPE.