



CITY OF NORMAN, OK STAFF REPORT

MEETING DATE: 01/09/2024

REQUESTER: Matthew Elliott, Fire Marshal

PRESENTER: Matthew Elliott, Fire Marshal

ITEM TITLE: CONSIDERATION OF ACCEPTANCE, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF A DONATION IN THE AMOUNT OF \$45,218 FOR THE PURCHASE OF DRONES FROM THE CLEVELAND COUNTY PUBLIC SAFETY SALES TAX COMMITTEE (CCPSST) TO BE USED BY THE NORMAN FIRE DEPARTMENT, AND APPROPRIATION OF FUNDS AS OUTLINED IN THE STAFF REPORT.

BACKGROUND:

Section 8-111 of the City Code requires that the City Council accept all donations received by the City prior to the use or disbursement of same. Therefore, it is requested that Council review and consider the following items for acceptance and use by the Norman Fire Department.

DISCUSSION:

Cleveland County PSST has donated the amount of \$45,218 for the purchase of two drones, all the cameras, batteries, mobile tactical command case with a 24" screen with wireless streaming HDMI module (command can see what the controller is seeing in live time), "Talon" drop hook system for the larger drone (to carry a life jacket, working end of a rescue rope, etc.), replacement batteries, mobile battery charging cases/stations, hard storage rolling cases for each drone, 13k lumen mounted spotlight that effectively lights up to a 4000 square foot area (follows what the camera is looking at), FAA Part 107 class training and materials from one of their instructors for six people (test prep for part 107 certification), a day of practical training on the drones, and 24/7 product support.

Designated Uses for Drone Operations:

1. On any fire ground within Cleveland County, where the use of a drone can aid in the safety of fire department personnel, aid in finding entry points or means of egress, aid in locating the head of fires and hotspots, aid in the investigation of any fire, delivery of needed resources within the tested limits of the drone
2. Any search and rescue operation being carried out by NFD and its surrounding agencies within Cleveland County. These operations include, but are not limited to:

- a. Locating victims on land or water by use of any technology applicable to the capabilities of the drones (thermal imaging, geo-mapping, laser guidance, etc.)
- b. Deploying any equipment, tools, resources within the tested limits of the drone (life jacket, rescue rope, communication device, lighting equipment, food/water, etc.)
- c. Monitoring and tracking personnel and victims during structural collapse rescue operations, trench rescue, ropes rescue and any other rescue operation where the use of a drone can aid in the safety of fire department personnel or the rescue of a victim

RECOMMENDATION:

It is recommended that City Council accept the donation of \$45,218 and deposit the funds into Donations-Organizations (account 109-363373), and appropriate the funds into Fire Prevention: Other Plant and Operating Equipment (account 10664142-45199).