PD request re 2022 budget

From: Dan Jenks
Sent: Wednesday, June 29, 2022 12:30 PM
To: Tim Swadley <TSwadley@ci.stoughton.wi.us>; Dave Ehlinger <DEhlinger@ci.stoughton.wi.us>
Subject: PD Request re: 2022 Budget

Gents,

I am requesting transferring the 10k appropriation budgeted for a second CAD session center to fund our first unmanned aircraft vehicle (drone). Our new Office Manager, Nate Anfinson, has determined that our radio and CAD systems will need some significant upgrades in the future. Due to changing technology and other options that are being worked on by the Dane County 911 Center (our CAD provider), We have come to the conclusion that holding off until 2023 is a better option for adding our second CAD work station. In fact, currently, The Dane County Communication Center is researching less costly options for our entire county.

The UAV would have a multitude of uses. Here are a few uses:

- Lost people
  - Children – Children with special needs such as autism. Often times they are drawn to water. A UAV could be deployed to check marshes and waterways quicker and safer bringing a quicker result to a search, TIME is of the essence in these situations.
  - Vulnerable adults. With our large elderly population and numerous memory care facilities, we do get requests to help locate walkaways. Some of the centers are located near somewhat hostile terrain including natural waterways and busy highways.
- Tactical Deployment
  - A UAV can be sent to check potential hostile situations where currently we would send an officer into harms ways
  - Enables officers to collect data and obtain real-time vital situational awareness making it a quicker and safer option
- Accident Reconstruction
  - Deploying UAS for accident reconstruction cuts down the evidence-gathering process - taking less than 30 minutes for a job that used to take three or four hours.
- Evidence Gathering
  - Photos of scenes to bring a more detailed view of a scene
- Disaster Response
  - Every second counts, and drones can be deployed quickly and cost-effectively, reaching inaccessible areas and providing vital information about the crisis in real-time - all while keeping officers and responders safe.
- Crowd Control
  - Can be used to monitor crowds or protests that would normally require an officer to be boots on the ground

- Can be used to get a first look at medical incidents in the middle of a crowd.

Currently we have two licensed UAV pilots. Officer Ronnie Sime and myself. Ronnie is new to flying. I have been operating drones for the past six years including operations for our PD with my own drone. The two recent examples included capturing videos and stills of the Syttende Mai parade which we shared on Facebook and provided the IT Department with copies. The other incident in which a stolen vehicle crashed into another vehicle and the occupants fled on foot. The drone was used to attempt to locate the subjects and provide aerial intelligence to officers on the ground.

We would offer our drone and pilot(s) to other City departments where the aerial photos would be helpful. Perhaps an active fire scene or a building inspection. As I am typing this, the IT Department just asked if I could take aerial photos with my drone of the Fair and the Catfish River Festival.

The drone I am considering is the EVO II Dual. The kit that includes the drone with thermal setup, smart controller with built in screen, the speaker, beacon, and spotlight attachment, which also includes three flight batteries and hard pelican style case is $8,650.00 for government entities ($9,200 retail).

See it here:
https://www.adorama.com/ar102000543.html

I would be glad to talk to you both in person about this.

Thanks,

Dan

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