

CITY OF CHIPPEWA FALLS, WISCONSIN

NOTICE OF PUBLIC MEETING

In accordance with the provisions of the Wisconsin State Statutes, Sec. 19.84, notice is hereby given that a public meeting of:

Committee #3
Transportation, Construction, Public Safety and Traffic

Will be held on Tuesday, July 20, 2021 at 5:00 pm, Council Chambers, City Hall, 30 West Central Street, Chippewa Falls, WI.

Items of business to be discussed or acted upon at this meeting are shown on the agenda below:

- 1. Discuss potential need for drone for public safety services. Possible recommendations to the Council.**
- 2. Discuss Operator (Bartender) and Taxicab Driver licensing criteria and process. Possible recommendations to the Council.**
- 3. Adjournment.**

NOTICE IS HEREBY GIVEN THAT A MAJORITY OF THE CITY COUNCIL MAY BE PRESENT AT THIS MEETING TO GATHER INFORMATION ABOUT A SUBJECT OVER WHICH THEY HAVE DECISION MAKING RESPONSIBILITY.
NOTE: REASONABLE ACCOMMODATIONS FOR PARTICIPATION BY INDIVIDUALS WITH DISABILITIES WILL BE MADE UPON REQUEST. FOR ADDITIONAL INFORMATION OR TO REQUEST THIS SERVICE, CONTACT THE CITY CLERK AT 726-2719.

Please note that attachments to this agenda may not be final and are subject to change. This agenda may be amended as it is reviewed.

TO MAKE ARRANGEMENTS TO PARTICIPATE DIRECTLY IN THE MEETING, PLEASE CONTACT THE CITY CLERK AT 715-726-2719 IN ADVANCE OF THE MEETING.

Due to COVID-19, public attendance is at your own risk.

CERTIFICATION OF OFFICIAL NEWSPAPER

I hereby certify that a copy of this notice has been posted on the City Hall bulletin board and a copy has been given to the Chippewa Herald on July 15, 2021 at 7:20 am by BNG

CHIPPEWA FALLS POLICE

Integrity • Compassion • Commitment

Drone Proposal

The Chippewa Falls Police Department has been researching drones as a public safety tool. As part of this research we believe that the Maverick Drone Systems product matches our needs at a reasonable cost. This the same system used by some other police agencies in our area and the school district. Maverick Drone Systems came to the department this year on June 30th and explained their products and we flew two different drones. Below are costs associated with what we believe to be the best fit for what our department is looking for in a drone to do to assist with public safety.

The primary reason of interest in obtaining a drone is preservation of life. Use of a drone could be the determining factor in finding someone safely who has walked away from a home due to dementia or other mental illness. The requested drone also has thermal imaging which will assist during cold weather searches when time is critical. The ability of a drone to scan a large area overhead adds a new capability for police & fire.

Rescue Services

- ✓ Efficiently scan vast areas and pinpoint missing individuals with high-resolution digital and thermal cameras
- ✓ Direct and monitor search teams and assets

Firefighting and HazMat

- ✓ Overhead view of developing fire scene
- ✓ Identification of hot spots through smoke during a fire and after the fire is knocked down
- ✓ Safe entry into Hazardous Materials areas such as crashes, derailments or spills

Law Enforcement

- ✓ Rapidly and safely map, document, and preserve crime scenes, vehicle collisions, and more
- ✓ Help eliminate exposing officers to unnecessary risk by remotely checking hidden areas and blind spots
- ✓ Provide real-time overhead view for mission planning and remote observation

Inspection

- ✓ Allows safe inspection of elevated areas such as on buildings, water towers, forestry, etc.
- ✓ Overhead views for city planning or build site inspections with an optional add-on module that allows for centimeter close GPS positioning for measurements

City Promotion

- ✓ Opportunities for generation of photo and video content to be used for promotional materials and social media engagement promoting the city for tourism and investment

Total Estimated Initial Project Cost (+5% for unexpected costs): \$8,963 – \$10,263

- (1) Primary Drone
- (3) Drone Operators (Training and Certification)
- (2) Field Deployable Drones - optional

DJI Mavic 2 Enterprise Advanced

- 48 MP Visual Camera with 4x Zoom (32x Digital Zoom)
- 640 x 512 Thermal Camera with 16x Zoom and temp measurement accurate to within 2 degrees
- 6000 meter ceiling and 44 mph max speed
- -4 to 104 degree operating temp
- 31 minute flight time per battery
- FCC Max Range – over 6 miles
- Spotlight and Speaker attachments

Price quote includes

- Mavic 2 Enterprise Advanced Drone
- 2 extra batteries (5 total)
- Rapid charger with ability to charge 4 batteries at one time
- Propeller guards for flying inside a building
- DJI care 1 year (crash replacement \$520/\$580)

Total cost \$7420.00

Training

In order to operate a drone for Law Enforcement use, drone operators must be “Part 107 certified” through the Federal Aviation Administration. This includes a test that must be taken at a designated testing center. Drone operators are recertified every two years. There is no cost for the recertification.

The cost to take the test is \$173.00 per person. Maverick Drone Systems offers live virtual training to prepare Officers to take the test. The cost is \$199.00 per person.

Officer Brian Flug is already certified as a drone operator. A minimum of three additional operators would be recommended to be trained so the drone has a pilot when needed. More pilots would be added as needed and as funding becomes available.

- \$199 Virtual Drone Training Class from Maverick Done Systems
- \$173 Part 107 FAA Drone Operator Certification Test

Total cost per additional operator is \$372.

DJI Mini 2 Drone - Optional

This is a smaller easily field deployable drone that could be used on patrol anytime an officer is in a position to visually check an area without exposing themselves to danger. It could also be used to supplement the larger drone during battery changes or to expand a search area.

- 12 MP Visual camera with 2x-4x Zoom
- 31 minute flight time per battery
- Propeller guard for indoor flying
- Operating using smart phones already in squad cars

Total cost \$618.99 per drone

CITY OF CHIPPEWA FALLS
APPLICABLE OFFENSE CRITERIA FOR
OPERATOR (BARTENDER) LICENSE APPLICATION/RENEWAL

The applicant may be denied if:

1. The applicant has been convicted of two (2) applicable offenses within thirty-six (36) months of the filing of the application;

AND

One (1) of the above convictions must have been committed within twelve (12) months of the date of application.

2. The applicant has been convicted of any one of the following offenses within thirty-six (36) months of the filing of the application: Obstructing/Resisting an Officer, Battery, Delivery of a Controlled Substance, or Maintaining a Drug House.
3. The applicant has been convicted of a felony that is substantially related to the licensed activity within 10 years of filing the application.
4. The applicant has ever been convicted or has a pending charge of an "Exempt Offense" or a "Violent Crime Against a Child" as defined by WI State Statute 111.335.

Historically the City has deemed these examples of offenses to relate to the licensed activity:

Licensed Premises Violations

No licensed bartender
Serving without a license
Permitting underage person on premises
Serving underage person
Open after hours
Possession of illegal stock
Gambling violations
Juvenile providing entertainment
Failure to allow inspection
Sale to an intoxicated person

Individual Alcohol Violations

Underage presence in place of sale
Underage consumption
OWI
Absolute sobriety
Open intoxicants in a motor vehicle
Transportation of alcohol by a minor
Falsely representing age
Furnishing alcohol to an underage person
Open container
Adult permitting or failing to take action

Other Violations

Drug possession
Possession of drug paraphernalia
Disorderly conduct
Obstructing an officer
Resisting an officer
Battery
Delivery of a controlled substance
Maintaining a drug house