



Hamburg Township Public Safety Department

PO BOX 157 • HAMBURG, MICHIGAN 48139
PHONE: (810) 231-9391 • FAX: (810) 231-9401

EMAIL: HATP@hamburg.mi.us

RICHARD DUFFANY, DIRECTOR OF PUBLIC SAFETY



TO: Hamburg Township Board
FROM: Chief Richard Duffany
DATE: July 27, 2023
RE: Agenda Item Topic: **Purchase of Unmanned Aerial System**
General Ledger #: **206-000.000-967.000**
207-000.000-967.000
Number of Supporting Documents: **1**
NEW/OLD BUSINESS: **XXX** New Business
_____ Old Business – Previous Agenda #:

Requested Board Action

- Motion to approve the purchase of a DJI Matrice 30T Unmanned Aerial System with accessories, as outlined in the attached quote, from Unmanned Vehicle Technologies at a total cost of \$15,499.22.

Background Information

One of the goals for this fiscal year is to enhance the abilities of the Public Safety Drone team by adding an unmanned aerial system (UAS) with enhanced capabilities on a small platform. Due to advances in technology, the DJI Matrice 30T UAS possesses similar capabilities (camera quality, infrared capability, thermal imaging, etc) as our largest UAS but on a much smaller platform which can be carried in our patrol vehicles allowing for quicker deployment.

Additionally, it is equipped with livestream capabilities to allow incident commanders, who may be located at different locations, to observe evolving incident conditions in real time. This is especially useful in major incidents where decision-makers may be at the scene as well as at the Emergency Operations Center.

DJI sets the pricing for distributors who market their products. As such, the price for the DJI Matrice 30T Unmanned Aerial System is the same for all vendors. We received a quote for the UAS according to our specifications, which is attached, from Unmanned Vehicle Technologies of Fayetteville, AR in the amount of \$15,499.22.



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Budget Impact

The cost for the purchase of this Unmanned Aerial System is being shared between the Police and Fire budgets and has been included in the adopted FY 23/24 budget. This purchase will not adversely impact the FY 23/24 budget.

Respectfully,

A handwritten signature in blue ink, appearing to read "Richard Duffany".

Chief Richard Duffany
Director of Public Safety



Unmanned Vehicle Technologies

Tel: +1 844-595-8010

hello@uvt.us

https://www.uvt.us

Invoicing Address:

Hamburg Township Police Department, Danielle Price
10409 Merrill Road
Hamburg MI 48139
United States
☎ +1 810-231-9391

Hamburg Township Police Department, Adam
Fischhaber
10409 Merrill Road
Whitmore Lake MI 48189
United States

Shipping Address:

Hamburg Township Police Department, Adam Fischhaber
10409 Merrill Road
Whitmore Lake MI 48189
United States

Quotation # S0210355

Quotation Date:

06/16/2023

Expiration:

09/14/2023

Salesperson:

Matthew Rybar

DESCRIPTION	QUANTITY	UNIT		DISC.%	TAXES	AMOUNT
		PRICE				
UVT M30T QuickTac Bundle w/Care Enterprise Basic						
[101-138-1010] DJI Matrice 30T Combo w/Care Enterprise Basic	1.000	9,637.00		5.00		\$ 9,155.15
	Units					

INCLUDES:

DJI M30T x1
DJI RC Plus x1
DJI BS30 Charging Station x1
DJI TB30 Flight Battery x2
DJI 1671 Propeller Pairs x3
DJI M30 Series Hard Carrying Case x1
DJI Care Enterprise Basic 1-Year Plan x1

1722 N College Avenue
Suite D
Fayetteville AR 72703
United States

Thank you for choosing
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<p>[101-138-1207] DJI Matrice 30 Series TB30 Intelligent Flight Battery</p> <p>Explicitly designed to power the Matrice 30 Series drone, the DJI TB30 Intelligent Flight Battery is a 6-cell (6S) Ternary Lithium battery with a maximum capacity of 5880 mAh and a maximum voltage of 26.1 V. With its self-heating ability, the TB30 can perform even in extreme cold. The TB30 battery can only be charged using the DJI BS30 Intelligent Battery Station.</p>	6.000 Units	329.00	5.00	\$ 1,875.30
<p>[101-115-1001] DJI WB37 Intelligent Battery</p> <p>The WB37 Intelligent Battery is a 2-cell (2S) LiPo battery with a maximum capacity of 4920 mAh and a maximum voltage of 7.6 V. The DJI WB37 Intelligent Battery is compatible with the DJI RC Plus remote controller and serves as its external battery, allowing for longer runtimes and hot-swap capabilities.</p>	2.000 Units	59.00	5.00	\$ 112.10
<p>[146-101-1001] CZI LP12 Speaker & Spotlight</p> <p>The LP12 Speaker & Spotlight attachment combines both a light source and aerial broadcast system into one single attachment built specifically for the DJI M30 Series. The LP12 comes with its own quick-release mounting bracket.</p>	1.000 Units	1,799.00	5.00	\$ 1,709.05
<p>[115-101-1076] Go Professional Cases DJI Matrice 30 Series Case</p> <p>When you need your entire M30/M30T mission kit, payloads, and all, the GPC case for the DJI Matrice 30 Series packs it all into one rugged case. You have room for six TB30 batteries, compartments for a top-mount attachment, such as the CZI LP12 Speaker/Spotlight, and even room for a UVT ProCare Lens Cleaning Pen, microSD card holder, and other accessories. Proudly made in the USA.</p>	1.000 Units	499.00	5.00	\$ 474.05
<p>[101-137-1002] DJI RC Plus Strap Bracket</p> <p>The DJI RC Plus Strap Bracket adds a solid mounting point on the bottom of the RC Plus for the included chest harness to attach to. Utilizing the RC Plus Strap Bracket, the operator will have increased peace of mind and the ability to go hands-free while still keeping the RC Plus on their person.</p>	1.000 Units	39.00	5.00	\$ 37.05



UVT

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[100-130-1003] UVT ProCare Drone Launch Pad 3ft	1.000	69.99	5.00	\$ 66.49
	Units			

[100-SD-102] SanDisk Extreme PRO microSDXC UHS-I Memory Card (64GB)	2.000	20.99	5.00	\$ 39.88
	Units			

Subtotal \$ 13,469.07

Avata Batteries

[101-142-1101] DJI Avata Fly More Kit	1.000	279.00	5.00	\$ 265.05
At a better price than buying separately, DJI Avata Fly More Kit includes two Intelligent Flight Batteries and a Battery Charging Hub which holds a total of four flight batteries, charging them in sequence, providing sufficient power for your flight.	Units			

[101-142-1102] DJI Avata Intelligent Flight Battery	2.000	129.00	5.00	\$ 245.10
This Intelligent Flight Battery for the DJI Avata drone is a 4-cell (4S) Lithium Nickel Manganese Cobalt Oxide (LiNiMnCoO2) battery providing up to 18 minutes of flight time.	Units			

Subtotal \$ 510.15

RC Plus

[101-137-1001] DJI RC Plus	1.000	1,600.00	5.00	\$ 1,520.00
The DJI RC Plus is DJI's first weather-rated handheld remote controller enabling operations in even the harshest environments. With an updated Android-based operating system, sunlight-readable 1200-nit 7-inch HD screen, numerous I/O ports, and the ability to hot-swap batteries using both the internal battery as well as a WB37, the DJI RC Plus is officially the new standard in enterprise handheld remote controllers.	Units			

Subtotal \$ 1,520.00

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UVT ProLine Services

[SRV-PL-104] UVT ProLine Pre-Flight Service	1.000	499.00	100.00	\$ 0.00
Our ProLine Pre-Flight Service ensures you receive a turnkey system on day one. This service includes the activation of the hardware and any included service plans (ex. DJI Enterprise Shield) and the updating and testing of all critical flight components. All ProLine services are performed in-house by our factory-trained technicians.	Units			
[SRV-PLS-103] UVT ProLine Support Premium	1.000	1,999.00	100.00	\$ 0.00
UVT ProLine Support offers you direct access to our technical and operational support teams. With ProLine Support Premium, this access is provided 24x7x365 to ensure you always have the support you need.	Units			
[UA-101] UVT Academy Turnkey Delivery & 1-Day Basic Equipment Training	1.000	1,999.00	100.00	\$ 0.00
Through the UVT Academy, we will hand-deliver your equipment* and provide you with one full day of on-site, basic equipment training covering everything you and your crew need to know to properly deploy, stow, operate, and maintain your new system(s).	Units			
				Subtotal \$ 0.00
Total				\$ 15,499.22

The completion of this transaction via payment, Purchase Order, or electronic signature indicates your acceptance of our Terms & Conditions, available online at www.uvt.us/terms.

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Payment terms: Net 30