

TO: Alderman Michael Russotto, Chairman CS

FROM: Andrea Podraza, P.E., CFM, Assistant City Engineer

DATE: March 14, 2022

RE: Resolution 22-042-R, Authorize purchase of a drone from Seiler Design Solutions in the amount not-to-exceed \$20,908.00

Discussion

The Public Works Department budgeted for a drone that the Electric, Engineering and Water Divisions would share. Each division will pay for 1/3 of the costs associated with the drone and any ongoing upkeep, updates, and software needs. This drone will be used for some of the following things: view powerlines without sending up personnel, view the water tower from different angles for possible repair, and take footage of construction activities before, during and after, to name a few. We can also use drone to take photos of power lines where vegetation has overgrown and it is not easy to access those areas for inspection. As a result, the drone will help us perform some difficult tasks efficiently and in a safe manner. Besides, this drone will have survey grade capability or the ability to change out the lenses for different uses.

Staff has obtained a quote from Seiler who will provide the drone and necessary software. Staff has a working relationship with Seiler and we have purchased survey equipment from Seiler in the past. They also provide on-going survey equipment maintenance on a regular basis. Staff finds that Seiler is a responsive equipment provider and the quote is in-line with the market prices for similar drone. As a result, staff did not seek multiple quotes for this equipment.

Funding Breakdown

This purchase is being split 3 ways (engineering, water and electric).
Below is the breakdown of funding source for this project:

Funding Source	Budget	Contractor Amount	(Shortfall/) Savings
Engineering General Fund (10-15-6276)	\$10,000	\$6,969.33	\$3,030.67
Water Fund (30-73-6276)	\$10,000	\$6,969.33	\$3,030.67
Electric Fund (21-64-6276)	\$10,000	\$6,969.34	\$3,030.66
Total	\$30,000	\$20,908.00	\$9,092.00

The purchase price came in under the budgeted amount as shown in the table above. A portion of the remaining budgeted amount will be going toward a software program to analyze the data collected.

Recommended Action:

Staff recommends for the City Services Committee approve the following:

1. Authorizing purchase of a drone from Seiler Design Solutions in the amount not-to-exceed \$20,908.00 and Resolution 22-042-R.

CITY OF BATAVIA, ILLINOIS

RESOLUTION 22-042-R

**AUTHORIZING PURCHASE OF A DRONE
FROM SEILER DESIGN SOLUTIONS**

WHEREAS, the City of Batavia Public Works Department has identified the need for a drone;
and

WHEREAS, the City of Batavia Public Works Department had requested a cost proposal from
Seiler Design Solutions for a drone, lenses and batteries; and

WHEREAS, the technology company of Seiler Design Solutions has the appropriate expertise
and experience necessary to provide quality equipment and service for the items to be purchased;
and

WHEREAS, the total cost of said drone, lenses and batteries are in the amount not to exceed
\$20,908.00 and

**NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF
THE CITY OF BATAVIA AS FOLLOWS:**

SECTION 1. That the Mayor and City Clerk are hereby authorized to purchase with Seiler
Design Solutions of Warrenville, Illinois, for technology equipment in the amount not to exceed
\$20,908.00. The Sales Quotation is attached hereto as Exhibit "A".

CITY OF BATAVIA, ILLINOIS RESOLUTION 22-042-R

PRESENTED to and **PASSED** by the City Council of the City of Batavia, Illinois, this 4th day of April, 2022.

APPROVED by me as Mayor of said City of Batavia, Illinois, this 4th day of April, 2022.

Jeffery D. Schielke, Mayor

Ward	Aldermen	Ayes	Nays	Absent	Abstain	Aldermen	Ayes	Nays	Absent	Abstain
1	Baerren					Solfa				
2	Leman					Wolff				
3	Ajazi					Chanzit				
4	Malay					Knopp				
5	Uher					Beck				
6	Cerone					Russotto				
7	Vogelsinger					Miller				
Mayor Schielke										
VOTE:		Ayes	Nays	Absent	Abstentions					
Total holding office:		Mayor and 14 aldermen								

ATTEST:

Kate Garrett, City Clerk