



TO: Mayor Shaun Sipma
Members of the City Council

FROM: Jennifer K. Eckman, Airport Director

DATE: April 18, 2022

SUBJECT: AIRCRAFT RESCUE AND FIREFIGHTING (ARFF) TRUCK PROCUREMENT

I. RECOMMENDED ACTION

1. Recommend approval of the contract with SEH to provide consulting services related to the procurement of a new ARFF truck as outlined in the Scope of Work (SOW),
2. Authorize City staff to solicit bids for a new ARFF truck,
3. Authorize City staff to request use of the CARES Funds for the ARFF truck,
4. Authorize City staff to surplus Unit 301,
5. Recommend acceptance of the associated Budget Amendment to account for increased revenue and expenses relative to the 2022 budget; and
6. Authorize the Mayor, City Attorney, and Airport Director to sign the contracts and other relevant documents.

II. DEPARTMENT CONTACT PERSONS

Maria Romanick, Airport Operations Manager	420-4503
Kelli Kronschnabel, Fire Chief/Jason Babinchak	857-4740

III. DESCRIPTION

A. Background

Unit 301 is a 1992 E-One Titan ARFF vehicle. It is a custom-built truck that is 30 years old. This truck has currently been out of service for over 6 months. Many systems on the truck are very outdated and difficult for which to find parts. The FAA Advisory Circular AC 150/5220-10E states the average service life for ARFF vehicles is 10-15 years.

B. Proposed Project

Unit 301 has become extremely expensive to maintain and keep in service. The city staff proposes using available CARES funds to replace the aging equipment and surplus Unit 301.

C. Consultant Selection

SEH is the engineer of record as was approved at the City Council meeting on May 17, 2021.

IV. IMPACT:

A. Strategic Impact:

Reliable and serviceable ARFF equipment is of utmost importance to providing safe and efficient aviation transportation for the Minot community. A reliable ARFF truck is essential to meet this initiative.

B. Service/Delivery Impact:

By acquiring new ARFF, this project will allow for continued safe operations for

commercial and general aviation at the Minot International Airport.

C. Fiscal Impact:

The cost of this project will require a Budget Amendment (BA), as this was not an anticipated project within the 2022 budget. The BA will be submitted following the bid opening. The engineer's estimate for the project is given.

<u>Project Costs</u>	
Consultant Services	\$ 7,100.00
ARFF Truck	<u>\$800,000.00</u>
	\$807,100.00
 <u>Project Funding</u>	
CARES Funding	\$807,100.00

The cost of these project requires a Budget Amendment, as this was not an anticipated project within the 2022 budget

V. CITY COUNCIL ASPIRATIONS

The City Council aspirations of a safe, resilient, and prepared community are achieved by adopting the proposed recommendation.

VI. ALTERNATIVES

Alt. 1. City Council could recommend continue to attempt to repair Unit 301 and bring it back into service. Since replacement parts are scarce, the result will be increased operational costs, equipment repair costs, and reduced safety.

Alt. 2. City Council could recommend that Unit 301 be surplus and not replaced. Unit 301 currently serves as a back up to the primary ARFF Truck. If the primary ARFF Truck is taken out of service the Airport is given a limited amount of time to bring in a replacement ARFF vehicle with comparable capabilities. If a replacement vehicle cannot be found the airport is not allowed to handle commercial aircraft during this time. The primary ARFF truck is near its useful life and it is becoming increasingly difficult to locate parts for maintenance and repairs.

VII. TIME CONSTRAINTS

CARES Funds must be allocated no later than September of 2024. Expected delivery of ARFF vehicles is 12-months following the order.

VIII. LIST OF ATTACHMENTS

- A. 20220418_SEH Proposal_ARFF Vehicle Acquisition
- B. Budget Amendment – 38.2022 BA – Airport ARFF Truck