



Report

TITLE: FLAGSTAFF REGIONAL AIRPORT AVIATION FUEL TANK REPLACEMENT

Meeting: Council Meeting

Meeting Date: March 12, 2025

Background

The County identified that the cardlock fueling system is not in compliance with the CSA B836:22 Storage, Handling, and Dispensing of Aviation Fuels at Aerodromes standard and as a result, the County ceased fuel sales at the Flagstaff Regional Airport.

To provide a temporary solution, the Transportation department sourced a temporary mobile fueling system. This system will offer the Iron Creek Flying Club members temporary access to aviation fuel.

The Transportation department retained WSP to provide a report on the condition of the fuel system which highlights any code compliance issues and identifies the scope of work that is required to reinstate fuel sales at the airport. The report identified (14) fourteen items of concern within CSA B836 and (8) eight items of concern within the National Fire Code. WSP completed an “Opinion of Probable Cost” which is shown below with the addition of some required items.

Item	Cost	Notes
Pre-Engineering	\$13,500	
Temporary Fuel Trailer Rental	\$28,000	Estimate for 8 months of rental at \$3500 a month
Testing/Replacement of existing fuel	\$8,000	To recertify and deploy the current ~20,000L of fuel
Testing Building	\$8,000	Potential to exclude this and repurpose the current building
Subtotal	\$57,500	
Opinion of Probable Cost		
Mobilization and Demobilization	\$5,000	*Potential cost saving with in-house resources
Demolition	\$10,000	*Potential cost saving with in-house resources
New Structural Concrete Pad	\$75,000	*Potential cost saving with in-house resources
New Packaged Refueling System (Tank, Dispenser Cabinet, and Card reader)	\$212,000	*Potential cost saving County sourced
Electrical	\$10,000	
Security interface	\$10,000	
Subtotal	\$322,000	
Contractor Overhead (10%)	\$32,200	
Contractor Profit (10%)	\$32,200	
Total	\$386,400	If contracted services used for all activities above
Contingency (20%)	\$77,300	
WSP Services (Design, Construction administration, Field inspection services (20%))	\$64,400	
Grand Total	\$585,600	

WSP has identified that issues and code violations exist at the Flagstaff Regional Airport. To address these concerns in the most cost-effective manner, it is recommended that the County purchase a packaged aviation refueling system.

The Transportation department supports WSP's recommendation to purchase a packaged aviation refueling system and will continue to work with WSP to identify cost saving measures throughout the project. This project can be funded by Airport Reserves, MSI Capital Grant, and or Taxes.

Alignment with the Strategic Plan

STRONG COMMUNITIES: Flagstaff County's commitment to Strong Communities means we will provide community services that make Flagstaff an attractive place to live for all generations.

Alternatives/Options

1. To proceed with the procurement of a new aviation fuel system with a budget of \$585,600 to be funded by Airport Reserves, MSI Capital Grant, and or Taxes.
2. Review and determine if a Private Fueling Provision could be added into current and future lease agreements.
3. To suspend aviation fuel sales indefinitely.

Recommendation

THAT Council approve Option 1 - To proceed with the procurement of a new aviation fuel system with a budget of \$585,600 to be funded by Airport Reserves, MSI Capital Grant, and or Taxes.