



Item Number: 12

City Council / Board of Directors

Written Communications

Meeting of: May 4, 2021

Submitted By:

C. Eric Ray, Airport Director

Subject:

Purchase of One (1) Aircraft Rescue and Firefighting Vehicle, Project #CC21-106

Recommendation:

That Your Honorable Board of Directors approves the bid award and purchase of one (1) Aircraft Rescue and Firefighting Vehicle in the amount of \$77,100.

Fiscal Impact:

Airport Operations funds have been appropriated for the Project as outlined below:

Funding Source	Budget FY 2020-2021
450 Airport Operations Fund	\$500,000

Background:

The Southern California Logistics Airport Authority ("SCLAA") operates the Southern California Logistics Airport ("SCLA") as a certificated airport in accordance with Federal Aviation Regulation ("FAR") Part 139. As such, certain Aircraft Rescue and Fire Fighting ("ARFF") capabilities, defined as an "Index" ranging from "A" to "E", must be maintained. An Index specifically refers to the type of ARFF equipment and quantity of fire extinguishing agent that the SCLA must provide based upon the length of air carrier aircraft used and the frequency of air carrier operations. Currently, the Federal Aviation Administration ("FAA") has published the SCLA as an Index "C" airport which allows for unlimited air carrier operations in aircraft up to, and including, the largest of the Boeing 737 family of aircraft. It also allows for four average daily air carrier operations in aircraft up to the size of the Boeing 767 and 787-8. The SCLA is also published as being capable of providing an Index "E" with 24 hours prior notice to the Airport Operations Staff. This provision is required to accommodate certain air carriers flying Jumbo Jets and flight testing operations of large aircraft.

The SCLA currently owns three specialized ARFF trucks that carry large quantities of water and are capable of producing a foam concentrate specifically designed to fight aircraft fires and improve passenger survivability. However, these three trucks are only capable of meeting Index “D” requirements. The addition of a second 3,000 gallon ARFF truck will allow the SCLA to provide an Index “E” service level, while providing sufficient reserve capacity to allow one truck at a time to be taken out of service for maintenance.

With the cost of a new 3,000 gallon ARFF vehicle exceeding \$800,000, staff approached the Federal Aviation Administration to explore grant opportunities. While grant eligible, the proposed ARFF truck received a priority rating well below that of the SCLA's runway reconstruction needs. Consequently, staff sought a lightly used or refurbished truck capable of providing ten or more year's service.

Discussion:

Staff conducted a formal, competitive bid solicitation in compliance with City Municipal Code §2.28.100 for the purpose of procuring a used 3,000 gallon ARFF. A notice Inviting Bids was published on February 11, 2021. Additionally, the bid solicitation was posted on the City and ebidboard websites to ensure the opportunity reached as many bidders as reasonably possible. Three sealed bids were received by the deadline of April 19, 2021 as follows:

Vendor	City	Delivery Time	Mileage	Make & Model	Year	Unit Price
Mission Ambulance, Inc	Corona, CA	0 Days	1,753	E-One Titan	1997	\$77,100
Firetrucks Unlimited	Henderson, NV	45-60 Days	14,768	Oshkosh TI-3000	1999	\$275,000
The Station, Inc.	Varnville, SC	90 Days	8,250 to 22,000	E-One Titan	1997 to 1999	\$400,000

With The Station, Inc. providing a choice of four different ARFF trucks, a total of six options were received. Each bid submission was carefully reviewed by staff, who determined Mission Ambulance, Inc. ("Mission") to be the lowest responsive and responsible bidder based on their bid price of \$77,100, which was the lowest of the six submissions. Moreover, the truck submitted by Mission Ambulance, Inc. was least used with only 1,753 miles. Therefore, staff recommends that Your Honorable Board of Directors approves the bid award and purchase of one (1) Aircraft Rescue and Firefighting Vehicle in the amount of \$77,100.

Staff remains available for any questions or comments you may have.

CER/mlw

Attachments:

- A: Pictures of the E-One Titan
B. Mission Aviation, Inc. Bid

