

TRUCKEE TAHOE AIRPORT DISTRICT
BOARD OF DIRECTORS AGENDA ITEM SUMMARY

Topic: Flight Tracking System Project Status Report

Purpose	Information: X	Guidance:	Decision:
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Recommendation None

Last Action

In 2008, the ACAT recommended to the Board of Directors that the District acquire a flight tracking system for operations monitoring. The District had conducted on-site evaluations of possible products as well as testing at other airports.

In April 2009, the Board voted to purchase a multilateration flight tracking system from ERA. The following motion was made and passed.

Motion #04-APR-09: Director Van Berkem moved to approve the contract with ERA to purchase and install the system contingent upon:

- a. The pieces being in place to move forward including the tower locations for sensor placement;*
- b. Information personal in nature including tail numbers and ownership data not be released publicly;*
- c. Any discussion regarding possible incentives related to the flight tracking system be postponed until one complete year of data collection has elapsed.*

Director Hetherington seconded the motion. Directors Eagan, Van Berkem, and Hetherington voted in favor of the motion. President Quesnel and Vice President Korth voted against the motion. The motion carried.

Discussion

Staff has conducted rigorous testing and evaluation of the system for conformance to contracted specifications as well as overall performance and stability. The system has met or exceeded these requirements, as outlined in the contract.

Three staff members have completed initial software familiarization and training. The real-time display has been installed in multiple locations including UNICOM/Operations.

Staff will accept the system from ERA upon the completion of two items:

- 1.) The barometric pressure correction application (aircraft altitude processing), provided by ITT.
- 2.) Clarification and resolution to issues of interrogator service, operation, warranty and ownership. Staff has requested documentation from the vendor.

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Staff anticipates inclusion of new elements in quarterly operations reporting as utilization of the data is incorporated into current workflows.

The ACAT and staff have developed a draft policy for use of the system and its related data. Board approval will be requested in September or October.

System components will be moved into the new administration under separate contract in November.

Fiscal Impact

Total system hardware and software cost are \$816,474, as contracted. Final payment of \$40,825 (5%) will be issued upon final acceptance of the system. Payments to date total \$775,649 (95%) issued as progress milestones were achieved.

After final acceptance, a 1-year warranty is included at no additional cost. The contract includes pricing for warranty services for four additional years.

Communication Strategy

Staff has had conversations with local media as the project has progressed. A story highlighting completion and operation of the system is anticipated in the next few months.

Outreach to industry has occurred with a presentation at the UC Davis Noise and Air Quality Symposium in March 2011.

The draft policy for use of the system has been distribute to airport users through various channels including the Airport Support Network representatives mailing list. Outreach to users and community will continue as future events and meetings.

Attachments

N/A
