



## TRUCKEE TAHOE AIRPORT DISTRICT STAFF REPORT

**AGENDA TITLE:** Approval of Vector Airport Systems LLC Contract

**MEETING DATE:** 04/28/2021

**PREPARED BY:** Hardy Bullock, Director of Aviation & Community Services

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**RECOMMENDED ACTION:** Approve a contractual service agreement for 3 years with an option for 2 additional years for Vantage Aircraft ID System & VNOMS Noise and Operations Management cameras, software and reporting.

**DISCUSSION:** In October of 2020 the agreement with our surveillance contract Vector Airport Systems LLS (Vector) expired. Attached is the renewal agreement for a three-year term with two additional option years. Vector provides the District with three primary products:

1. Aircraft ID & Tracking System which is 11 cameras that monitor aircraft activity 24 hours a day.
2. VNOMS Software that runs our Operations Monitoring System. This system provides data analytics and imagery for each flight occurring at KTRK. This information is used to correlate flight tracks, tail numbers, and other aircraft attributes. This software is a geographic info system that correlates our comments to the aircraft and the household commenter. This is the core of our noise and operations monitoring and reporting initiative. The data this system produces is used in all our comments and operations reporting.
3. Biannual Historical Runway Use Reports. These reports describe the historical runway utilization, which runways are being used and what aircraft use each runway. This is presented twice annually.

The contract has pricing for each element with a 2% escalation. The work Vector has completed on behalf of the airport has been exemplary. The system downtime is negligible. The contractor

and their personnel have been instrumental in finding solutions to data driven question on behalf of the Board and the community.

The system is heavily integrated into the airport, our workflow, and additional systems related to our noise and annoyance reduction work. Some of these include our ADSB and MLAT flight tracking systems, PlaneNoise community response hotline, our display technology and our curfew monitoring activity.

For these reason Staff is recommending a sole source award to Vector for the contract to continue surveillance services outlined in the agreement. Please see the attached contract and sole source justification letter.

**WHAT'S NEXT:** Approve the contract and direct the General Manager and Board President to complete final contract details and commence the agreement.

**FISCAL IMPACT:**

	Escalation %	Year 1	Year 2	Year 3	Year 4 (Option Year 1)	Year 5 (Option Year 2)
4 camera OPM&M	2.0	\$28,154	\$28,717	\$29,291	\$29,877	\$30,475
7 camera OPM&M	2.0	\$26,498	\$27,028	\$27,569	\$28,120	\$28,682
VNOMS Annual License	2.0	\$49,683	\$50,677	\$51,691	\$52,725	\$53,780
Biannual Historical Runway Use Reports	2.0	\$2,244	\$2,289	\$2,335	\$2,381	\$2,429

**CONSENT MOTION:** I move to approve the Vantage Aircraft ID System & VNOMS Noise and Operations Management cameras, software and reporting contract with Vector Airport Systems LLC in the amounts specified in this Staff report.

**ATTACHMENTS:**

Vector Contract Document.

Vector Sole Source Documentation.

Vector Bid Summary.