



BOARD SUMMARY REPORT

Date: July 27, 2020

To: Board of County Commissioners

Through: Tyler S. Brown, Sheriff

From: Nathan Fogg, Emergency Manager

Subject: Request for issuance of fixed asset numbers and approval to expend CARES Act funds for respiratory protection fit test machines for workers in COVID-19 environments

Direction/Information

The OEM is in need of four fit test machines to meet federal (NIOSH and OSHA) regulations and validate PPE from non-traditional PPE vendors.

Request and Recommendation

The Sheriff's Office and the Office of Emergency Management request the approval and issuance of fixed asset numbers for four TSI Portacount model 8048 machines.

Background

The Arapahoe County Office of Emergency Management has been actively supporting the COVID19 response since February 27th. The OEM has identified an increased need for fit testing machines within the Sheriff's Office to better support the health and safety of personnel assigned to respirators. This new equipment from TSI allows more efficient testing of N95s, half and full-face respirators by supporting a four-system tethering process. It also decreases the testing from eight minutes to 2.5 minutes per test. The current process takes more than a week to test employees in perfect conditions with no errors. The new machines will allow OEM to conduct the same testing in about 12.5 hours with the same assumptions. The group fit test mode allows each machine to run independently with one administrator, cutting the FTEs required for testing in half

Links to Align Arapahoe

Safe Communities

Discussion

The Sheriff's Office is seeking to purchase four Portacount 8048 fit test machines. The sole source letter is part of the packet. The Sheriff's Office would allocate \$36,353 of CARES funding within the "pandemic preparation bucket" to fund these necessary machines. The County will purchase two of the machines and the City of Centennial will use their CARES funds for the

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remaining two. The total cost of the four machines is \$72,706.00, which reflects a trade-in credit for our one older machine of \$13,025.

Alternatives

The only alternative is to maintain the one, older model machine we currently possess.

Fiscal Impact

The total impact is to the County's CARES Act funds of \$36,353. The other half of the total will directly to the City of Centennial as already approved by the city.

Concurrence

The Sheriff's Office has reviewed this document and concurs.

Reviewed By

Tyler S. Brown, Sheriff

Glenn Thompson, Public Safety Chief

Kenneth McKlem, Special Operations Captain

Olga Fajaros, Sheriff's Finance Manager