



**COMMISSION
AGENDA MEMORANDUM**

Item No. 8k

ACTION ITEM

Date of Meeting March 8, 2022

DATE: February 28, 2022
TO: Stephen P. Metruck, Executive Director
FROM: Krista Sadler, Director Technology Delivery

SUBJECT: Airfield Foreign Object Debris Detection System Maintenance Agreement

Contract Value: \$2,000,000

ACTION REQUESTED

Request Commission authorization for the Executive Director to execute a contract with Varec for foreign object debris (FOD) detection system maintenance and license fees for a period not to exceed five years in an amount not to exceed \$2,000,000 over the five-year period. There is no funding associated with this authorization.

SUMMARY

Seattle-Tacoma International Airport (SEA) competitively procured and deployed a FOD detection system as part of the center runway reconstruction project in 2015. This system automated the detection of FOD and wildlife on the runway using radar and camera integrated equipment installed with the runway lighting. When FOD is detected, an alert is sent to Airport Operations along with a picture and the exact location for evaluation and quick resolution. Continuous scanning for FOD improves the risk of significant aircraft engine damage during the most critical phases of flight, arrivals and departures. Without the system, SEA relies on multiple, manual daily inspections or pilot reports.

This authorization is to extend a contract for annual maintenance and license fees with our FOD detection system vendor, Varec, for a five-year period. The estimated five-year contract amount is \$2,000,000 and the annual base amount as well as annual increases will be budgeted in the Information and Communication Technology operating budget.

There are no attachments to this memo.