



**THE PORT  
OF LOS ANGELES**  
Executive Director's  
Report to the  
Board of Harbor Commissioners

**DATE: AUGUST 30, 2022**

**FROM: PORT POLICE**

**SUBJECT: RESOLUTION NO. \_\_\_\_\_ - AWARD OF CONTRACT NO. 39972 FOR  
THE PURCHASE OF RADAR SURVEILLANCE SYSTEM**

**SUMMARY:**

Staff requests approval of Contract No. 39972 with A & H Security Enterprises LLC dba Aerial Armor, Phoenix, AZ to provide an Omni-Directional Weapon Locating (OWL) radar surveillance system. The OWL radar is a counter-drone system designed to detect and monitor Unmanned Aerial System (UAS) flights within a designated area. The system will provide situational awareness, aerial overview of critical infrastructure and public events, and identification of maritime threats to navigation and commerce.

The OWL system is compatible with the AeroScope G8 drone counter-measure system purchased in FY 2019. The OWL and AeroScope G8 system will integrate to enhance the Department's ability to provide early warning of potential UAS threats, capture aircraft data for forensic analysis and criminal investigation, and share real-time information for situational awareness, and incident resolution.

The contract with A&H Security Enterprises LLC dba Aerial Armor is outlined in Formal Bid Request Number F-1130. The total contract amount is \$162,500 plus applicable taxes. This contract is the financial responsibility of the Harbor Department.

**RECOMMENDATION:**

It is recommended that the Board of Harbor Commissioners (Board):

1. Find that the Director of Environmental Management has determined that the proposed action is administratively exempt from the requirements of the California Environmental Quality Act (CEQA) under Article II Section 2(f) of the Los Angeles City CEQA Guidelines;
2. Award and approve Contract No. 39972 to A&H Security Enterprises LLC dba Aerial Armor, for the purchase of the OWL radar surveillance system in the amount of \$162,500 plus applicable taxes;
3. Authorize the Executive Director to execute and the Board Secretary to attest to Contract No. 39972 for and on behalf of the Board; and
4. Adopt Resolution No. \_\_\_\_\_.

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**DISCUSSION:**

Background/Context – The Port Police UAS mission is the continuous development of a robust unmanned aircraft system program dedicated to protecting the Port’s supply chain, transportation infrastructure, stakeholders, and community while focusing on synergetic partnerships and information sharing with other public safety entities.

In FY 2019, the Port Police purchased the Aerial Armor Aeroscope G8 UAS detection system. The Aeroscope G8 detects DJI UAS flights using the Aerial Armor Datalink proprietary software. The OWL Radar is a counter-drone system designed to detect and monitor all UAS flights. The OWL can detect, track and locate objects accurately and simultaneously provide a high-update air surveillance capability.

The OWL and Aerial Armor systems will integrate into a common software platform allowing both systems to share data. Technology integration provides an enhanced early warning to a potential UAS threat, captures aircraft data for forensic analysis and criminal investigations, and shares real-time information for situational awareness and incident resolution. The integration will allow monitoring of both systems on the same screen. The systems will be monitored 24/7 by Port Police security officers from the Port Police Threat Detection Center.

All drone incursions into the Port of Los Angeles’ footprint pose a safety and security concern to the Port’s infrastructure, supply chain, stakeholders and its community. The added enhancements of the OWL radar provide aerial information that improve security measures and minimize negative interactions with the Port of Los Angeles’ stakeholders and its community.

Selection Process – On August 4, 2021, Port Police submitted requisition Z-22-019 (ERP #72933) to the Contracts and Purchasing Division (CPD) for the purchase of a counter-measure drone system. Formal Bid No. F-1116 was advertised to bidders and due back to CPD on November 3, 2021. Three bids were received by the due date. After CPD review, two bids were returned incomplete due to their inability to include proprietary software required to interface with the Port Police current Aeroscope G8 drone detection system and the third neglected to bid on several required items and was deemed incomplete as well.

On March 31, 2022, Formal Bid No F-1130 was sent to A&H Security Enterprises LLC as a sole source. A&H Security Enterprises LLC is the sole proprietor of the software necessary to integrate the OWL Radar System with the existing Aeroscope G8 radar currently used by the Port Police.

**ENVIRONMENTAL ASSESSMENT:**

The proposed action is the approval of Contract No. 39972 with A&H Security Enterprises LLC dba Aerial Armor for the purchase and integration of an OWL Radar Surveillance

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LLC DBA AERIAL ARMOR

system, which is an administratively activity. Therefore, the Director of Environmental Management has determined that the proposed action is administratively exempt from the requirements of CEQA in accordance with Article II Section 2(f) of the Los Angeles City CEQA Guidelines.

**FINANCIAL IMPACT:**

Approval of the proposed contract authorizes the purchase of the Aerial Armor OWL radar system in the amount of \$162,500, plus applicable taxes.

Funds are budgeted in FY 2022/2023 in Account 13150 (Capital Equipment over \$5k), Center 0412 (Port Police), Program 000.

**CITY ATTORNEY:**

The Office of the City Attorney has reviewed and approved the subject contract as to form and legality.

**TRANSMITTALS:**

1. Contract No. 39972
2. Bid No. F-1130

FIS Approval: MB  
CA Approval: SO



RANDALL ALLEN  
Deputy Chief of Police



THOMAS E. GAZSI  
Chief of Public Safety and  
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APPROVED:

*Marla Bleavins* For

EUGENE D. SEROKA  
Executive Director

TEG:GC:jm  
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