



THE PORT  
OF LOS ANGELES LA

AMERICA'S PORT®

# Elgin EV Street Sweeper

Presented by:

Danny Hughes  
Construction & Maintenance

Presented to:

Board of Harbor Commissioners



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# Port of Los Angeles Construction & Maintenance

- Dedicated street maintenance section
- Weekly sweeping route covering over 100 miles within San Pedro, Wilmington & Terminal Island
- Trained staff to operate and maintain motor sweepers
- Current motor sweeper fleet consists of 2 compressed natural gas (CNG) sweepers.
- Staff is currently seeking to replace oldest CNG sweeper with the latest zero emission production sweeper.



# Cost comparisons



**\$309k**  
Existing CNG motor sweeper  
Unit due for replacement  
Model 2010 Allianz sweeper



**\$512k**  
Average cost of new CNG sweeper



**\$956k**  
Proposed "New" POLA sweeper  
2024 Elgin ZE Broom Bear



Zero emission motor sweeper-Cleanest available technology

The proposed sweeper purchase conforms to following policy , directive and guidelines:

- The City of Los Angeles 2019 Sustainability Plan (Green New Deal Plan).
- In addition to the City's zero-emission goals, in 2023, the CARB approved the Advanced Clean Fleet (ACF) Regulation which would require 50% of new purchases by public agencies to be ZE by 2024 and 100% of new purchases to be ZE by 2027.
- The Port of Los Angeles vehicle purchasing guidelines
- The EV Sweeper is eligible for the California State's zero-emission (ZE) vehicle incentive funding through the Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP)

Staff recommends approval for:  
Award of Contract No. 40052 to Haaker Equipment Company  
for the purchase of Elgin EV Street Sweeper



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THANK YOU



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