



Approve Sole Source Procurement Request and Corresponding Service Agreement for Routine Debris Removal and Trash Abatement in Huntington Harbour Utilizing Autonomous Surface Vessel (ASV) Designed to Remove Trash/Debris Inaccessible to Marine Vessels

Public Works Department

Date: November 19, 2024

BACKGROUND

- Huntington Harbour is the terminal point for the Anaheim Bay/Huntington Harbour watershed which encompasses 80 square miles
- As the terminal point for the watershed, Huntington Harbour receives tons of trash/debris from upstream storm drain conveyances
- Trash tends to accumulate in tight corners and pockets in Huntington Harbour which is often inaccessible via land or conventional marine vessels
- Clean Earth Rover is the only Autonomous Surface Vessel (ASV) on the market that can access these areas due to its relatively small size



NEED/WHY/BENEFITS

- City staff fields many complaints regarding trash/debris in Huntington Harbour especially after storms
- Trash and debris negatively impact the marine environment in Huntington Harbour
- Clean Earth Rover would remove trash/debris from the waters in Huntington Harbour which would improve the water quality and aesthetic quality of the harbor water
- Clean Earth Rover can access docks, underneath bridges, and other tight areas that conventional marine vessels can not



DETAILS

- Clean Earth Rovers will provide trash/debris removal services on a set schedule
- Proposed service contract details trash removal services twice a year in 3 primary sites and 4 secondary sites
- Sites were identified based on the 2 pilot studies conducted in winter and summer of 2024



FUNDING/SCHEDULE

- Staff is requesting \$201,800 to be appropriated from the Storm Water Quality Fund to the 3-year plus an optional 4th year for the contract



RECOMMENDATION

- 1) Approve the Sole Source procurement request with Clean Earth Rovers.
- 2) Approve and authorize the Mayor and City Clerk to execute a 3-year (with optional 1 year extension), not to exceed \$201,800 contract between the City of Huntington Beach and Clean Earth Rovers for Routine Debris Removal and Trash Abatement in Huntington Harbour Utilizing Autonomous Surface Vessel (ASV).
- 3) Appropriate \$201,800 for the Storm Water Quality Fund to account 89285201.82500.

