

AGENDA REPORT

Resolution: Authorize Executive Director to Dispense with Standard Bidding Procedures and Enter into a Sole Source Professional Services Agreement with Wood Rodgers for a Not-to-Exceed Amount of \$270,000 for Design Consulting Services for the Installation of a Trash Capture Device at Oakland International Airport. **(Aviation/Engineering)**

MEETING DATE: 10/14/2021

AMOUNT: \$270,000 Contracting Authority (FY 2022)
(Part of a \$395,000 Total Project Design Budget)
Capital Expenditure

PARTIES INVOLVED: Mark Rayback, Secretary
Wood Rodgers, Inc. Sacramento, CA

SUBMITTED BY: Bryant L. Francis C.M., Director of Aviation
Kristi McKenney, Chief Operating Officer

APPROVED BY: Danny Wan, Executive Director

ACTION TYPE: Resolution

EXECUTIVE SUMMARY

The Statewide Trash Amendments adopted by the State Water Resources Control Board in 2015 require permittees, including the Port of Oakland (Port), to prevent trash from discharging from storm drains to waterbodies by 2030. To comply with this regulation, staff has preliminarily identified suitable locations at Oakland International Airport (OAK or Airport) where trash capture devices could be installed.

BACKGROUND

The Port is a Municipal Permittee under the State Water Resources Control Board's (SWRCB) National Pollutant Discharge Elimination System Phase II Small Municipal Separate Storm Sewer System Permit (Permit). The 2015 Statewide Trash Amendments apply to all Municipal Permittees and requires 100% "full trash capture" by December 2, 2030.¹

¹ "Full trash capture" is defined as the implementation of treatment control measures that trap or prevent particles that are 5mm or greater travelling through the storm drain system to enter San Francisco Bay.

In 2017, the SWRCB issued a letter to Phase II Permittees, including the Port, initiating trash control measure implementation planning. Port staff worked with EOA, Inc., a stormwater program compliance consultant, to prepare a feasibility evaluation and develop a Port-wide preliminary action plan for the siting, design, and installation of trash capture devices. For entities like the Port, implementation of small and large trash capture devices are needed to ensure compliance. This agenda report requests contracting authority to support the design of a pilot project large trash capture device at the Airport.

ANALYSIS

A cross-divisional team of Port staff is supporting this effort and has identified a pilot strategy to design and construct a single large trash capture device at the highest priority storm drain outfall at OAK, shown in Figure 1. This approach will allow Port staff to gain knowledge and experience with design and construction of these devices which will ultimately be required in many locations throughout the Port.



Figure 1 - Proposed Trash Capture Device Pilot Project Location.

The scope of this Project includes preparing conceptual design for up to two types of trash capture devices, analyzing the hydraulic performance and upstream effects of the proposed devices, and identifying the overall challenges to design, construction and maintenance of trash capture devices at OAK. After thorough consultation with the Port team, one of the two conceptual designs will be selected to carry forward to full design

under this scope of work. A construction cost estimate will also be provided. Examples of the two different trash capture devices the Port may evaluate are provided below in Figures 2 and 3.



Figure 2 - Example of a Trash Capture Device Under Consideration - Oldcastle Stormwater Solutions NetTech Gross Pollutant Trap, City of Vallejo.

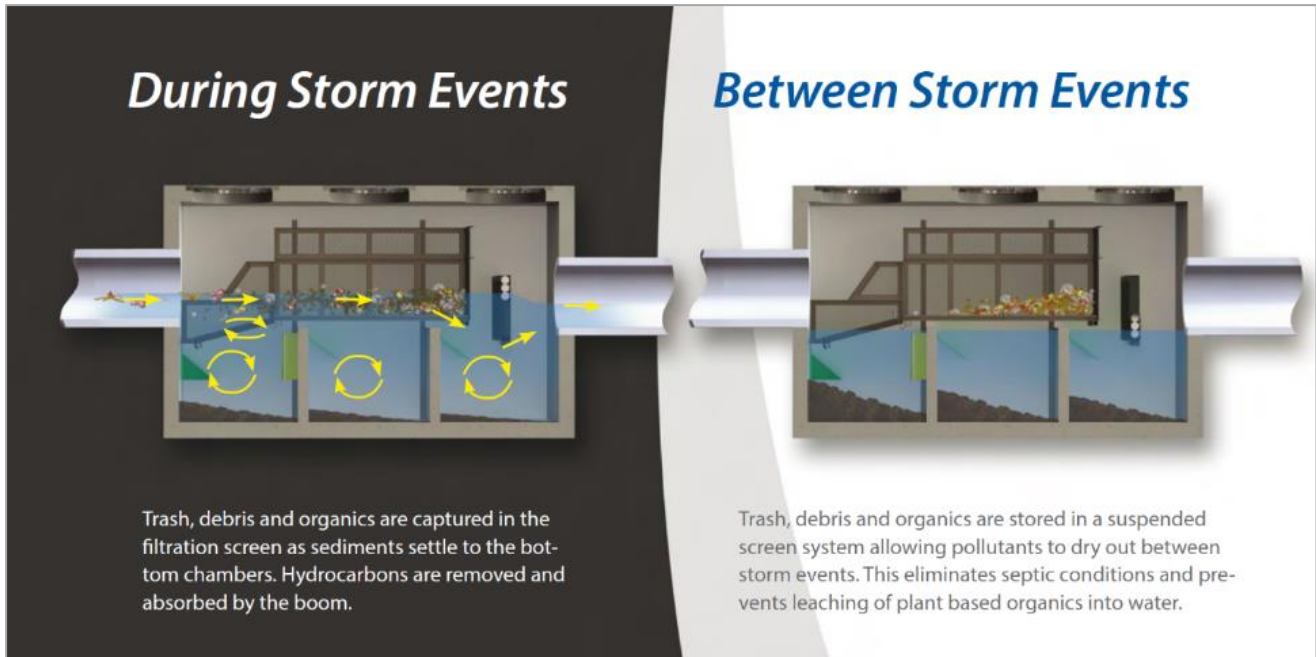


Figure 3 - Example of a Trash Capture Device Type Under Consideration - Bio Clean Debris Separating Baffle Box.

Sole Source Recommendation

Wood Rodgers is an engineering consulting firm currently under contract with the Port to update OAK's existing Airport-wide Stormwater Management Implementation Plan. Throughout the course of updating the Airport's existing stormwater model, Wood Rodgers has developed a comprehensive technical understanding of the storm drainage system at OAK. This understanding will be instrumental in developing a trash capture design concept that will work with the Port's storm drainage system. Staff believes that it is in the best interest of the Port to contract with Wood Rodgers for this first-time analysis and design of a large trash capture device because of their unique understanding of the Port's drainage and hydrology.

Schedule

Port staff expects to complete design in Fall of 2022 and will then return to the Board for authority to proceed with construction.

BUDGET & STAFFING

This project is included in the Port's FY 2022 Aviation capital budget and is adequate to fund anticipated expenditures through June 30, 2022. Aviation will prioritize and include this project for funding in FY 2023 and the remaining 5-Year capital budget. The project will be funded with Port cash; portions of the expenditure will be repaid through airlines rates and charges. There is no anticipated staffing impact associated with this Board action. See Table 1 for total design budget breakdown.

Table 1. Estimated Budget for Design and Associated Consulting Services.

Description	Estimated Budget
Consultant ²	\$270,000
Port Labor	\$125,000
TOTAL	\$395,000

² Includes design contingency of \$45,000.

MARITIME AVIATION PROJECT LABOR AGREEMENT (MAPLA)

The Port of Oakland Maritime and Aviation Project Labor Agreement (MAPLA) does not apply because this contract is for professional services that are not within the craft jurisdiction of the unions signatory to the MAPLA.

STRATEGIC PLAN

The action described herein would help the Port achieve the following goals and objectives in the Port's Strategic Business Plan (2018-2022).

<https://www.portofoakland.com/wp-content/uploads/Port-of-Oakland-Strategic-Plan.pdf>

- Goal: Modernize and Maintain Infrastructure
- Goal: Care for Our Environment

LIVING WAGE

Living wage requirements, in accordance with the Port's Rules and Regulations for the Implementation and Enforcement of the Port of Oakland Living Wage Requirements, living wage requirements may apply to the design consulting services of this contract, if the service provider employs 21 or more employees. In addition, for future construction work under this contract, construction prevailing wage requirements will apply.

SUSTAINABILITY

Staff completed the Sustainability Opportunities Assessment Form for this project pursuant to the 2000 Sustainability Policy and updated procedures. The work of this contract will further compliance with the Port's Permit at OAK and will eventually reduce trash flowing from the airport campus to San Francisco Bay, improving water quality.

ENVIRONMENTAL

CEQA Determination: This action, to approve a contract with Wood Rodgers for design consulting services for the installation of a trash capture device, was reviewed in accordance with the requirements of the California Environmental Quality Act (CEQA). The commonsense exemption in Section 15061(b)(3) of the CEQA Guidelines states that CEQA applies only to activities that have a potential for causing a significant effect on the environment. It can be seen with certainty that there is no possibility that authorizing design will result in a physical change in the environment, and therefore this action is not subject to CEQA and no further environmental review is required. Projects designed through this effort would be subject to environmental review when they are proposed for implementation.

GENERAL PLAN

This project is for professional services and will not directly include any alteration of property. Development projects that result from these professional services will be subject to separate findings of conformity with the City of Oakland General Plan in accordance with Section 727 of the Charter.

OWNER-CONTROLLED INSURANCE PROGRAM (OCIP)

Professional service agreements are not subject to the Port's Owner Controlled Insurance Program (OCIP) as professional services are not construction activities.

OPTIONS

Staff have identified the following options for the Board's consideration:

- 1) Authorize the Executive Director to enter into a Sole Source Professional Services Agreement with Wood Rodgers for design consulting services for the installation of a trash capture device at OAK for an amount not to exceed \$270,000. This is the recommended action.
- 2) Direct staff to issue an RFP for this project. This option will reduce the benefits of utilizing the storm water master plan model for the first analysis and design for large trash capture devices.

RECOMMENDATION

Staff recommends that the Board adopt a resolution authorizing the Executive Director to dispense with standard bidding procedures and enter into a Sole Source Professional Services Agreement with Wood Rodgers for design consulting services for the installation of a trash capture device at OAK for an amount not-to-exceed \$270,000.