GoPort Program

SEAPORT FACILITIES

https://www.alamedactc.org/programs-projects/goport-program/

A. Truck stuck at the 7th Street underpass

B. Middle Harbor Rd/Maritime St/OICT East Gate
GoPort Program

**7th Street Grade Separation West**
Construct a grade separation with a rail spur underneath and improve shared pedestrian/bicycle pathway.

**7th Street Grade Separation East**
Reconstruct existing, aging railroad underpass and improve shared pedestrian/bicycle pathway at Port of Oakland gateway.

FITS Components

- Closed Circuit Television Video ("CCTV") Upgrade to High Definition
- Communications ("Fiber")
- Communications ("WiFi")
- GoPort Freight ITS Information System/Application ("GoPort App")
- Queue Detection
- Supplementation Vehicle Detection
- Weigh-in-Motion ("WIM") Technology
- Adaptive Signal System
- Advanced Traffic Management System ("ATMS")
- Advanced Rail Grade Crossing System
- Basic Smart Parking System
- Center to Center ("C2C") Communications
- Changeable Message Signs ("CMS")

https://www.alamedactc.org/programs-projects/goport-program/
**Funding and Schedule**

**FUNDING**

<table>
<thead>
<tr>
<th>Source</th>
<th>Type</th>
<th>Amount ($ X1,000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measure BB</td>
<td>Local</td>
<td>$6,600</td>
</tr>
<tr>
<td>Advanced Transportation</td>
<td>Federal</td>
<td>$9,720</td>
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<tr>
<td>and Congestion Management</td>
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<td></td>
</tr>
<tr>
<td>Technologies Deployment</td>
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<tr>
<td>Port Security-Grant Program</td>
<td>Federal</td>
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<td>SB 1 Trade Corridor</td>
<td>State</td>
<td>$12,456</td>
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<td>Enhancement Program</td>
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<tr>
<td><strong>Total</strong></td>
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<td><strong>$30,600</strong></td>
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**SCHEDULE and COST ESTIMATE BY PHASE**

<table>
<thead>
<tr>
<th>Begin</th>
<th>End</th>
<th>Cost Estimate ($ X1,000)</th>
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<tbody>
<tr>
<td>PE/Environmental</td>
<td>Fall 2016</td>
<td>Summer 2018</td>
</tr>
<tr>
<td>Final Design</td>
<td>Fall 2018</td>
<td>Early 2019</td>
</tr>
<tr>
<td>Right-of-Way</td>
<td>Fall 2018</td>
<td>Early 2019</td>
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<tr>
<td>Construction</td>
<td>Summer 2019</td>
<td>Late 2021</td>
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<td><strong>TOTAL</strong></td>
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**FITS Delivery Strategy**

<table>
<thead>
<tr>
<th>Package No.</th>
<th>Contract Package</th>
<th>Implementing Agency</th>
<th>Advertisement Timing</th>
<th>Type</th>
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<tbody>
<tr>
<td>1</td>
<td>Radio Frequency Identification Device (RFID) Readers</td>
<td>Port of Oakland</td>
<td>April 17, 2019</td>
<td>Construction (IFB)</td>
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<tr>
<td>2</td>
<td>Emergency Operations Center (EOC) / Traffic Management Center (TMC)</td>
<td>Port of Oakland</td>
<td>April 17, 2019</td>
<td>Construction (IFB)</td>
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<tr>
<td>3</td>
<td>Advanced Traffic Management System (ATMS)</td>
<td>Alameda CTC</td>
<td>May 28, 2019</td>
<td>Construction (IFB)</td>
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<tr>
<td>4</td>
<td>GoPort Application</td>
<td>Alameda CTC</td>
<td>June 2019</td>
<td>Services (RFP)</td>
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<tr>
<td>5</td>
<td>Basic Smart Parking System</td>
<td>Alameda CTC</td>
<td>June 2019</td>
<td>Services (RFP)</td>
</tr>
<tr>
<td>6</td>
<td>System Integrator</td>
<td>Alameda CTC</td>
<td>June 2019</td>
<td>Services (RFP)</td>
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<tr>
<td>7</td>
<td>System Manager</td>
<td>Alameda CTC</td>
<td>June 2019</td>
<td>Services (RFP)</td>
</tr>
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</table>
Port of Oakland Site

Port of Oakland Packages for FITS

1. Radio Frequency Identification (RFID) Reader
2. Emergency Operation & Traffic Management Center (EOC/TMC)
Other Considerations

• **Construction Timeline Considerations**
  - Construction Completion: April 2020 (EOC/TMC) / June 2020 (RFID)

• **Port’s Non-Discrimination and Small Local Business Utilization Policy**
  - Preference points will be awarded for the utilization of Port certified companies in the local impact (LIA) and local business area (LBA)
  - LIA – 4 cities (Oakland, Alameda, San Leandro and Emeryville)
  - LBA – all other cities in Alameda and Contra Costa County

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Summary Overview: RFID Reader Package

• **Function/Purpose**
  - Equipment monitors vehicle movements in Seaport (including truck turn times)
  - Data enhances security, operational productivity, and management of traffic

• **Development Overview**
  - Installation of RFID readers at all marine terminal entry and exist gates, as well as at strategic locations throughout the Seaport
  - Will connect to Port’s existing fiber optic network
  - Will integrate into other portions of the FITS Program (i.e. queue detection)
Summary Overview: EOC/TMC Package

• **Function/Purpose**
  - Improve safety by enhancing current security and traffic management facilities and infrastructure
  - Physical site where FITS and other data is transmitted, reviewed, and distributed
  - Will simultaneously serve as the Port’s 24x7 situation unit

• **Development Overview**
  - Reconfigure existing watch stander site at Port’s Harbor Facilities Complex to accommodate a scalable, multi-agency EOC/TMC
  - Update command, control, and communications technology to better support and streamline local and interagency response and prevention operations

Timing/Release of Packages

• **Advertisement Posting**
  - Tentatively Scheduled for April 17, 2019

• **Optional Pre-Bid Meeting for the 2 Packages**
  - Tentatively Scheduled for April 24, 2019
  - Port Offices: 530 Water Street, Exhibit Room (11:00am) | 651 Maritime Street (Harbor Facility)

• **Estimated Timeframe for Contractor Selection/Award**
  - RFID Contract Notice to Proceed September 2019
  - EOC/TMC Contract Notice to Proceed September 2019
Alameda CTC Construction Package for FITS

3 Advanced Transportation Management System (ATMS)

Fiber Network C2C
**Closed-Circuit Television (CCTV) Cameras**

- Enables increased incident detection and surveillance capabilities
- HD cameras will enhance camera resolutions, viewing angles, and camera control capabilities

**Queue Detection (QD)**

- Uses fixed cameras and video analytics to report roadway conditions
- Detects long queues on port arterial roads
- Provides understanding of real-time operating conditions
- Allows for improved logistics planning

**Advanced Train Detection System**

- Camera detection system
- Provides warnings of long-trains and delays at at-grade rail crossings
- Information disseminated through CMS / GoPort application

**Changeable Message Signs (CMS)**

- Disseminates general and critical information to Port users
Other Considerations

• Advertisement Posting
  ➢ Tentatively Scheduled for June 2019
  ➢ Contract Information available at https://www.alamedactc.org/get-involved/contracting-opportunities/

• Mandatory Pre-Bid Meeting

• Estimated Timeframe for Contractor Selection/Award
  ➢ Requires approval by Commission... after September 2019
  ➢ Caltrans review and approval

• DBE requirements
  ➢ Up to 10%
  ➢ Good Faith Efforts Documentation

Qualifications based selection

• Technical evaluation
• Interviews
• Utilization
• Advertising/Award

https://www.alamedactc.org/get-involved/contracting-opportunities/
Thank You

For more information, visit www.AlamedaCTC.org