

COMMISSION AGENDA

Item No: 4A

Meeting: 8/16/18

DATE: July 31, 2018

TO: Port Commission

FROM: John Wolfe, Chief Executive Officer

Sponsor: Dakota Chamberlain, Chief Facilities Development Officer

Project Manager: Jason Jordan, Director, Environmental and Planning Services

SUBJECT: Authorize Interlocal Agreement (ILA) with National Oceanic and Atmospheric Administration (NOAA) to fund operation and maintenance of tidal and wind gauges at the Port of Tacoma.

A. ACTION REQUESTED

As referenced in Resolution No. 2017-01-PT, Exhibit A, Delegation of Authority Master Policy, Paragraph IV.A. requires authorization from Port Commission to enter into ILAs with other public agencies.

Request authorization to enter into an ILA with NOAA to fund operation and maintenance of a tidal gauge and a wind gauge as part of their Physical Oceanographic Real-Time System (PORTS®) for \$66,542 payable over five years.

B. BACKGROUND

In 2003, the Port entered into a five-year agreement with NOAA to provide funding for the installation, operation and maintenance of a tidal gauge and a wind gauge at the Port of Tacoma. These two gauges measure water level, water temperature, air temperature, barometric pressure, and wind speed/direction 24/7, and transmit real-time data to a centralized, web-accessible location. After a lapse in Agreement from 2008-2013, the Port entered into a similar agreement with NOAA in 2013 which expired in 2018. NOAA continues to operate and maintain the site, but wishes to renew the funding agreement to provide additional functions.

The equipment was installed as one of 21 stations nationwide that are a part of NOAA's PORTS®. PORTS® is a program that supports safe and cost-efficient navigation by providing ship masters and pilots with accurate real-time information required for safe vessel loading and transits, and to avoid groundings and collisions. PORTS® measures and disseminates observations and predictions of water levels and meteorological parameters (e.g., winds, atmospheric pressure, air and water temperatures) that mariners need to navigate safely. The following link will direct you to the NOAA site where the Tacoma station can be reviewed: <https://tidesandcurrents.noaa.gov/ports/index.html?port=ta>.

C. SCOPE OF WORK

The scope of work will include:

- National Ocean Service (NOS) agrees to provide, at no expense to Port of Tacoma:
 - Personnel and technical expertise required to assure that the operation, maintenance and repair of the Tacoma PORTS® are in accordance with NOS guidelines and standards.
 - A centralized Voice Data Response System (VDRS) located at NOS Headquarters, Silver Spring, Maryland, with access provided via a toll-free number.
 - Real-time quality control of all Tacoma PORTS® data in the form of a 24 hours per day/7 days per week Continuous Operational Real-time Monitoring System (CORMS) operation. This activity will be staffed by personnel contracted by Center for Operational Oceanographic Products and Services (CO-OPS) to ensure that the data disseminated meets NOAA's standards for safe navigation.
 - Communication costs associated with CORMS.
 - Software maintenance and enhancements (which may be developed by NOS).
 - Updates or refinements to the Mean Lower Low Water (MLLW) or other datum values as may be developed by NOS.
 - Recommendations for hardware and equipment upgrades.
 - Proposals for and final approval of all changes, additions, or modifications to the Tacoma PORTS®.
 - A local site representative. The site representative is NOS' contact listed in Section VII of the ILA. NOS shall notify the Port of Tacoma if a new Tacoma PORTS® site representative is designated.
- NOS will provide the following items through use of Port of Tacoma funds:
 - Personnel and expertise required to enhance, operate, maintain and repair the Tacoma PORTS® (this effort may utilize contractor support when appropriate).
 - Routine maintenance and emergency repairs of the PORTS® instruments in accordance with NOS standards, including calibration of sensors.
 - Recurring communication costs, such as monthly Modem expenses.
 - Recapitalization costs for the purchase of equipment and supplies and reserve funds for the replacement of damaged or faulty equipment. This does not

include major infrastructure repairs or station relocation, which require an amendment to the Agreement.

- Port of Tacoma’s responsibilities include:
 - Providing the funding described in Section VI of the ILA for the management, operation, maintenance, and repair of the Tacoma PORTS®.
 - Designating a local site representative. The site representative is the Port of Tacoma’s contact listed in Section VII of the ILA. The Port of Tacoma shall notify NOS if a new Tacoma PORTS® site representative is designated.
 - Agreement not to access, maintain, repair, modify, or upgrade any component of Tacoma PORTS®. Nothing contained in this Agreement gives or vests in Port of Tacoma the authorization to maintain, repair, modify, or upgrade any component of Tacoma PORTS® without written consent of all Parties.

D. FINANCIAL SUMMARY

Cost

The total cost to implement the project is \$66,542. Costs to date of \$57,500 include a similar scope of work from August 2003 to August 2008 and May 2013 to May 2018. Costs will be invoiced to the Port of Tacoma over a five-year period following the signing of the ILA. NOS will invoice the Port of Tacoma at \$6,500 for the first year, and will invoice the Port of Tacoma annually for the subsequent four years in advance of the anniversary expiration dates, following the below rate table:

Measurement System	Annual Operations and Maintenance Costs				
	Period 1 Signature – 5/31/19	Period 2 6/1/19 - 5/31/20	Period 3 6/1/20 - 5/31/21	Period 4 6/1/21 – 5/31/22	Period 5 6/1/22 - 5/31/23
Total	\$6,500	\$9,903	\$13,306	\$16,719	\$20,114

Source of Funds

Port of Tacoma operating income will be used to pay for this annual expense. This expense is considered an infrastructure expense that is paid for by the Port, not the Alliance.

E. ENVIRONMENTAL IMPACTS/REVIEW

Permitting:

None applicable (N/A)

Remediation:

N/A

Water Quality:

N/A

Air Quality:

N/A

F. ATTACHMENTS TO THIS REQUEST

- Computer slide presentation
- Interlocal Agreement, MOA-2018-115/11677

G. NEXT STEPS

The Agreement has been signed by NOAA. Following authorization, CEO will sign and return a copy to NOAA.

The Agreement will be posted on the Port's website and entered on the Port's ILA database to be tracked for future commitments.