

COMMISSION AGENDA

Item No: 6A

Meeting: Aug 20, 2020

DATE: August 20, 2020

TO: Port Commission

FROM: Eric Johnson, Executive Director

Sponsor: Kurt Beckett, Deputy Chief Executive Officer

Project Manager: Darren Harle, Sr Network Infrastructure Engineer

SUBJECT: REQUEST AUTHORIZATION TO ISSUE A PURCHASE ORDER FOR TWO PALO ALTO FIREWALLS

A. ACTION REQUESTED

Request authorization to issue a Purchase Order to CompuNet, Inc. for replacing two Palo Alto Firewalls in the datacenter at Optic Fusion, in the amount of \$483,390.90 plus Washington State Sales Tax.

B. BACKGROUND

The current Palo Alto firewalls were purchased with federal grant funds in 2015 and are in the Port's datacenter in downtown Tacoma. Palo Alto is an industry leading firewall that the Port adopted in 2008 and has performed well.

The firewalls are critical infrastructure used to protect the Port network and systems from cybersecurity threats. The Port has a standard IT refresh cycle on all critical IT infrastructure of 5 years. The firewalls are at end of life and scheduled to be refreshed in 2020. Since the current hardware no longer is supported the Port is not able to install and benefit from the latest software security releases. This creates a risk to the Port's network and data assets to malicious attacks.

In July 2020, Port IT solicited Palo Alto vendors and received 3 quotes. CompuNet Inc. was selected as they best met the purchase and service required and offered a competitive cost. CompuNet is a Palo Alto partner and is on the Washington State Department of Enterprise Services, Master Contract No. 01114, executed as a Participating Addendum to NASPO ValuePoint Master Agreement for Data Communications.

C. FINANCIAL SUMMARY *(Determine when financial charts are appropriate)*

In 2019 the IT department received approval from the Grant Steering Committee and Commission to apply for the PSGP 2019 Federal grant to purchase two firewalls (\$634,668). The Port was awarded \$237,626 towards firewalls in late 2019. The purchase of the firewalls was budgeted in the Port IT 2020 CIP budget.

\$483,390.90 = Total purchase (plus Washington State sales tax)

The total purchase will be capitalized and depreciated over a 4-year period. Any grant funds received will be recorded as non-operating income at the time of receipt.

D. NEXT STEPS

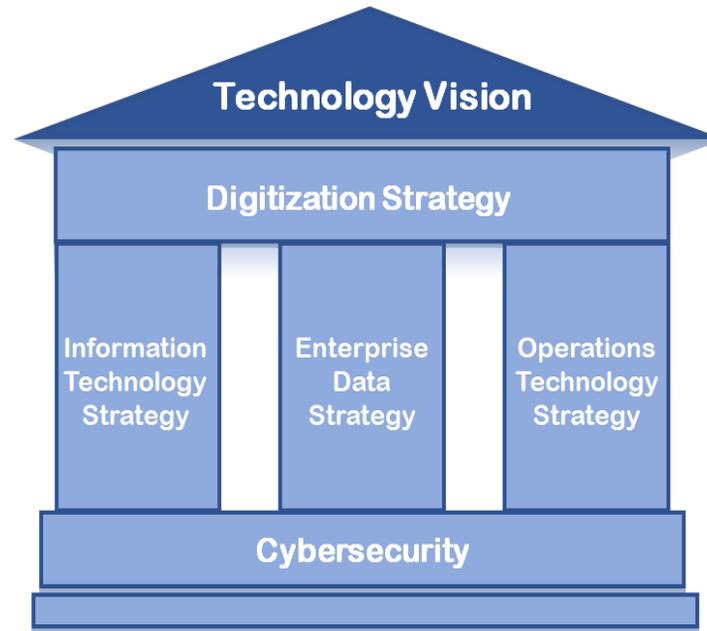
Upon authorization prepare a Purchase Order to CompuNet Inc., for the amount of \$483,390.90 plus Washington State Sales Tax.

Palo Alto Firewall Replacement

Darren Harle



Port IT Strategy



- Partner with the Port business to identify opportunities to apply systems and technology to improve the Port operations and customer experience
- Enable the Port with reliable applications and infrastructure by keeping applications current and refreshing infrastructure hardware on standard schedules
- Make the necessary investments in Cybersecurity processes, procedures and systems to manage information security risks

Firewall Replacement – Action Requested



Request authorization to issue a Purchase Order to CompuNet, Inc. for replacing two Palo Alto Firewalls in the datacenter at Optic Fusion, in the amount of \$483,390.90 plus Washington State Sales Tax.



Firewall Replacement - Background



- The current Palo Alto firewalls were purchased with federal grant funds in 2015 and are in the Port's datacenter in downtown Tacoma
- Palo Alto is an industry leading firewall that the Port adopted in 2008 and has performed well
- The firewalls are critical infrastructure used to protect the Port network and systems from cybersecurity threats
- The Port has a standard IT refresh cycle on all critical IT infrastructure of 5 years
- The firewalls are at end of life and scheduled to be refreshed in 2020
- Outdated hardware does not allow the Port to install and benefit from the latest software security releases creating a risk to the Port's network and data assets to malicious attacks

Firewall Replacement - Architecture



The firewalls primary purpose is to separate or protect the trusted network from the untrusted network.



The Palo Alto firewalls are the first line of defense and security for the Port of Tacoma's network (trusted network) from the World Wide Web (untrusted network) commonly called "the Internet".

Firewall Replacement – Process



- In 2019 the IT department received approval from the Grant Steering Committee and Commission to apply for the PSGP 2019 Federal grant to purchase two firewalls (\$634,668)
- In late 2019, the Port was awarded the amount of \$237,626 for new firewalls
- The grant funds received were recorded as non-operating income at the time of receipt
- The purchase of the firewalls was budgeted in the Port IT 2020 CIP budget
- The total purchase will be capitalized and depreciated over a 4-year period

Firewall Replacement - Procurement



- In July 2020, Port IT solicited Palo Alto vendors and received 3 quotes
- CompuNet Inc., was selected as they best met the purchase and service required and offered a competitive cost
- CompuNet is a Palo Alto partner and is on the Washington State Department of Enterprise Services, Master Contract No. 01114, executed as a Participating Addendum to NASPO ValuePoint Master Agreement for Data Communications.

Firewall Replacement – Authorization



- Request authorization to issue a Purchase Order to CompuNet, Inc. for replacing two Palo Alto Firewalls in the datacenter at Optic Fusion, in the amount of \$483,390.90 plus Washington State Sales Tax.
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