



Dave Cummings
Chief Information Officer

Technology Services

121 Library Court Oregon City, OR 97045

Board of County Commissioners
Clackamas County

Members of the Board:

Approval of Purchase Order for Arista Networks Hardware from SHI International Corp.

Purpose/ Outcomes	Purchase of Arista Networks infrastructure needed for supporting critical datacenter core and distribution networking infrastructure to conduct county business and meet security compliance requirements.
Dollar Amount and Fiscal Impact	Contract total value of \$829,150.98, all encumbered on the current Fiscal Year
Funding Source	Planned Capital expense from the TS 747-0227 fund.
Duration	Purchase of Hardware with three (3) years of warranty and customer support
Previous Board Action	None
Strategic Plan Alignment	1. Build a Strong Infrastructure 2. Build public trust through good government
Counsel Review	County Counsel previously reviewed and approved the use of this Cooperative Contract on 12/19/2019
Contact Person	Chris Fricke 503-723-4941

BACKGROUND:

Technology Services (TS) is requesting to purchase Arista Networks branded network hardware, software, and support for the county's core and distribution-networking infrastructure replacing all legacy multi-vendor based solutions currently in use. This infrastructure provides connectivity to all systems within the County datacenters and interconnects between County buildings. This infrastructure is critical to County operation considering all users, systems, and applications are reliant on dependable and performant networking services. The current core and distribution networking infrastructure has been in place for approximately 10 years and is at the end of its service life, at risk for failure, and does not have the features required to meet current and future performance, high availability, or security compliance requirements.

TS performed extensive research and testing over a two-year period to determine the best technology solution to meet County needs. A detailed report is available upon request.

PROCUREMENT PROCESS:

On April 7, 2020, a Notice of Intent to Purchase from a permissive cooperative procurement was advertised in accordance with ORS 279B and LCRB Rule C-046-0440. The County did not

receive any comments during the seven (7) day protest period. This purchase will be executed as a simple Purchase Order to SHI International Corp. off the Omnia Partners IT Solutions Cooperative Contract #2018011-02. Procurement and Counsel have previously reviewed and approved use of this cooperative contract.

RECOMMENDATION:

Staff recommends the Board of County Commissioners approve the attached quoted infrastructure components from Arista and, to complete the transaction, authorize the Procurement Office to execute any other needed instruments and purchase orders in order to complete the initial three year purchase from SHI Inc.

Respectfully submitted,

Dave Cummings, Director

Placed on the Agenda of _____ by Procurement and Contract Services



Pricing Proposal
 Quotation #: 18401568
 Created On: 2/3/2020
 Valid Until: 5/7/2020

County of Clackamas

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All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 Arista 7050X3, 32x100GbE QSFP+ & 2xSFP+ switch, rear-to-front air, 2xAC, 2xC13-C14 cords Arista Networks - Part#: DCS-7050CX3-32S-R Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02 Note: (QTY 4) Spines	1	\$52,382.12	\$52,382.12
2 Arista 7050X3 32x100GbE MACSEC Arista Networks - Part#: DCS-7050CX3M-32S-R Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02 Note: (QTY 4) MACSec Leafs	1	\$66,353.01	\$66,353.01
3 Arista 7050X3, 48x25GbE SFP & 12x100GbE QSFP switch, front-to-rear air, 2xAC, 2xC13-C14 cords Arista Networks - Part#: DCS-7050SX3-48YC12-F Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02 Note: (QTY 14) non-MACSec Leafs and non-MACsec distribution layer switches	1	\$183,337.42	\$183,337.42
4 Arista 7280RA, 48x10GbE (SFP+) & 6x100GbE QSFP switch router, AlgoMatch and MACsec, expn mem, SSD, rear to front air, 2x AC Arista Networks - Part#: DCS-7280SRAM-48C6-R Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02 Note: (QTY 4) Distribution layer replacement switches - MACSEC	1	\$110,003.33	\$110,003.33
5 FLX-Lite License for Arista Fixed switches Group 2 - Full Routing Up to 256K Routes, EVPN, VXLAN, SR, base MPLS LSR (no TE or link/node protection) Arista Networks - Part#: LIC-FIX-2-FLX-L Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02 Note: (QTY 4) Enhanced feature license for spines	1	\$18,328.07	\$18,328.07
6 FLX-Lite License for Arista Fixed switches Group 2 - Full Routing Up to 256K Routes, EVPN, VXLAN, SR, base MPLS LSR (no TE or link/node protection) Arista Networks - Part#: LIC-FIX-2-FLX-L Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	1	\$18,328.07	\$18,328.07

Note: (QTY 4) Enhanced feature license for MACSec leafs

7	FLX-Lite License for Arista Fixed switches Group 2 - Full Routing Up to 256K Routes, EVPN, VXLAN, SR, base MPLS LSR (no TE or link/node protection) Arista Networks - Part#: LIC-FIX-2-FLX-L Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02 Note: (QTY 4) Enhanced feature license for the 7050SX3-48YC12 switches	1	\$18,328.07	\$18,328.07
8	FLX-Lite License for Arista Fixed switches Group 2 - Full Routing Up to 256K Routes, EVPN, VXLAN, SR, base MPLS LSR (no TE or link/node protection) Arista Networks - Part#: LIC-FIX-2-FLX-L Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02 Note: (QTY 14) Enhanced feature license for 7280SRAM-48C6	1	\$64,148.23	\$64,148.23
9	MACSEC Encryption License for Arista Fixed switches, 1-6 MACSEC capable ports Arista Networks - Part#: LIC-FIX-2-MACSEC Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02 Note: (QTY 4) MACSec license (this part number may be incorrect for the 7050CX3M-32S)	1	\$17,454.89	\$17,454.89
10	MACSEC Encryption License for Arista Fixed switches, 1-6 MACSEC capable ports Arista Networks - Part#: LIC-FIX-2-MACSEC Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02 Note: (QTY 4) MACSec license	1	\$17,454.89	\$17,454.89
11	CloudVision SW Subscription License for 1-Month for 1 Switch Arista Networks - Part#: SS-CV-Switch-1M Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02 Note: (QTY 26) 3 years CloudVision software subscription for each switch	1	\$120,551.35	\$120,551.35
12	1 Month A-Care Software & NBD Hardware Replacement/Same Day Ship for 7050CX3-32S Arista Networks - Part#: SVC-7050CX3-32S-1M-NB Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02 Note: (QTY 4) 3 years support for 7050CX3-32S spines	1	\$17,363.83	\$17,363.83
13	1 Month A-Care Software & NBD Hardware Replacement/Same Day Ship for 7050CX3M-32S Arista Networks - Part#: SVC-7050CX3M-32S-1M-NB Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02 Note: (QTY 4) 3 years support for 7050CX3M-32S MACSec leafs	1	\$20,402.49	\$20,402.49
14	1 Month A-Care Software & NBD Hardware Replacement/Same Day Ship for 7050SX3-48YC12 Arista Networks - Part#: SVC-7050SX3-48YC12-1M-NB Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02 Note: (QTY 14) 3 years support for 7050SX3-48YC12 leafs and distribution layer replacement switches	1	\$60,773.39	\$60,773.39
15	1 Month A-Care Software & NBD Hardware Replacement/Same Day Ship for 7280SRAM-48C6 Arista Networks - Part#: SVC-7280SRAM-48C6-1M-NB Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	1	\$22,138.88	\$22,138.88

Note: (QTY 4) 3 years support for 7280SRAM-48C6 MACSec switches

16	Tariff Fee	1	\$21,802.94	\$21,802.94
	Arista Networks - Part#:			
	Contract Name: Omnia Partners - IT Solutions			
	Contract #: 2018011-02			
	Note: TARIFF FEE BASED ON U.S. GOVERNMENT TARIFFS			
			Total	\$829,150.98

Additional Comments

Quotes may be updated to reflect changes due to industry wide constraints and fluctuations

Purchase orders and inquiries can be sent to the team at TeamOregon@shi.com.

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date listed above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order. For any additional information including Hardware, Software and Services Contracts, please contact an SHI Inside Sales Representative at (888) 744-4084. SHI International Corp. is 100% Minority Owned, Woman Owned Business. TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

The products offered under this proposal are resold in accordance with the terms and conditions of the Contract referenced under that applicable line item.