Page 1 of 2



Agenda Item Details

Meeting

Jan 10, 2022 - Regular Meeting

Category

8. Consent Agenda

Subject

8.14 ITB 22-05 Network Infrastructure E-RATE, presented by Vince Windham,

Program Director, Purchasing, and recommended by the Superintendent for approval.

Access

Public

Type

Action (Consent)

Preferred Date

Jan 10, 2022

Absolute Date

Jan 10, 2022

Fiscal Impact

Yes

Budgeted

Yes

Budget Source

Federal Funds As Available

Recommended Action Motion to approve the committee's recommendation to award ITB 22-05 Network

Infrastructure E-RATE to PC Solutions and Integration, Inc., effective May 1, 2022,

through April 30, 2025.

Public Content

Request approval of the committee's recommendation to award ITB 22-05 Network Infrastructure E-RATE to PC Solutions, based on fixed pricing as needed throughout the contract, effective May 1, 2022, through April 30, 2025. Funds will be paid from Federal Funds. Copies of the bid and award tabulation are attached.

For additional information, please contact Eric Mitchell, Director, Information Systems at (850) 689-7153.

ITB 22-05 Network Infrastructure E-RATE.pdf (1,233 KB)

ITB 22-05_TAB.pdf (165 KB)

Administrative Content

Our adopted rules of Parliamentary Procedure, Robert's Rules, provide for a consent agenda listing several items for approval of the Board by a single motion. Documentation concerning these items have been provided to all Board members and the public in advance to assure an extensive and thorough review. Items may be removed from the consent agenda at the request of any board member.

Motion & Voting

BoardDocs® Pro Page 2 of 2

Motion to approve the Consent Agenda and all of the Consent Agenda items as recommended by the Superintendent

Motion by Diane Kelley, second by Lamar White.

Final Resolution: Motion Carries

Yes: Tim Bryant, Linda Evanchyk, Marti Gardner, Diane Kelley, Lamar White



ITEM NUMBER	DESCRIPTION	PC Solutions & Integration	
Edensification			
X695-48Y-8C	25-48Y-8C X695-48Y Switch with two empty power supply slots six empty fan slots Supports 48x25GE/10GE/1GE + 8x100GE/40GE		
EXOS-CORE-FP-X695	X695 Core Feature License for GuestVM BGP-EVPN etc	\$2,002.33	
5420F-24P-4XE	5420 Universal Switch with 24 x 10/100/1000BASE-T full/half duplex 802.3at 30W PoE ports, includes 4 x 1/10Gb SFP+ uplink ports, 2 x Stacking/SFP-DD ports, 1 internal fixed PSU, one unpopulated PSU slot, fixed fan module, Base software license, includes 1-year XIQ Pilot subscription	\$2,018.03	
5420F-48P-4XE	5420 Universal Switch with 48 x 10/100/1000BASE-T full/half duplex 802.3at 30W PoE ports, includes 4 x 1/10Gb SFP+ uplink ports, 2 x Stacking/SFP-DD ports, 1 internal fixed PSU, one unpopulated PSU slot, fixed fan module, Base software license, includes 1-year XIQ Pilot subscription	\$3,102.86	
5420M-16MW-32P-4YE	ExtremeSwitching 5420M 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10/25G unpopulated SFP28 MACSec capable includes fan module 2 unpopulated modular PSU slots. Includes 1yr XIQ Pilot Cloud Subscription.	\$3,500.00	
5420F-16MW-32P-4XE	5420 Universal Switch with 16 x 100Mb/1Gb/2.5Gb 802.3bt 90W PoE ports plus 32 x 10/100/1000BASE-T full/half duplex 30W PoE ports, includes 4 x 1/10Gb SFP+ uplink ports, 2 x Stacking/SFP-DD ports, 1 internal fixed PSU, one unpopulated PSU slot, fixed fan module, Base software license, includes 1-year XIQ Pilot subscription	\$3,950.00	
5520-24X	24 x 10GBase-X (SFP+) ports (unpopulated) 2 x Stacking/QSFP28 ports (unpopulated)	\$4,400.00	
16531	Extreme Networks ExtremeSwitching X440-G2 X440-G2-12p-10GE4 - Switch - managed - 12 x 10/100/1000 (PoE+) + 4 x 1 Gigabit / 10 Gigabit SFP+ - rack-mountable - PoE+	\$1,042.08	
X435-8P-4S	X435-8P-4S 8 port 10/100/1000BASE-T PoE+ half/full duplex 4x1/2.5G unpopulated SFP 1 AC PSU fanless	\$387.11	
16804	8-port POE+ Gigabit w/ 4-port SFP Operating Temperature -40C - +75C	\$950.00	
XN-FAN-001-F	Single Fan module, Front to Back Airflow for use in VSP7400, SLX9150, SLX9250, X695 - Need 6 for X695	\$87.51	
XN-FAN-000	Spare Fan Module for 5420 Series	\$50.43	
XN-ACPWR-750W-F	AC 750W PSU, Front to Back Airflow for use in VSP7400, SLX9150, X695	\$581.83	
XN-ACPWR-920W	920W AC PoE PSU supported on PoE models of 5420 switches	\$454.57	
XN-ACPWR-600W	600W AC PSU supported on 5420 Series	\$372.08	
XN-ACPWR-920W	920W AC PSU supported on 5420 Series	\$454.57	
XN-ACPWR-1200W	1200W AC PSU supported on 5420 Series	\$615.23	
XN-ACPWR-2000W	2000W AC PSU supported on 5420 Series	\$1,008.01	
10953	350W AC Power Supply Module - front to back airflow for 5520-24x and will need a NEMA 5-15 power cable	\$298.26	
10099	Power Cord, 15A, USA, NEMA 5-15, IEC320-C15	\$9.69	
10061	Pwr Cord,10A,NEMA 5-15P,IEC320-C13	\$6.01	
10504	25Gb SFP28 LR 10km SMF	\$664.99	
25G-ER-SFP40KM	25G ER SFP28 40km LC connector Single-Mode MSA P/N ESPT251ER1ECL100.	\$1,600.00	
10051H	SFP (mini-GBIC) transceiver module - GigE - 1000Base-SX / LC multi-mode - up to 1800 ft	\$206.08	
10052H	1000Base-LX SFP, 10 km SM MM 220 550km LC	\$414.49	
MGBIC-02	1 Gb, 1000BASE-T, IEEE 802.3 Cat5, Copper Twisted Pair, 100 m, RJ 45 SFP	\$118.24	

10401	100Gb, 100GBASE-SR4, 70m OM3 / 100m OM4 MMF, QSFP28, MPO (8 fiber)	\$932.86	
10061	Pwr Cord,10A,NEMA 5-15P,IEC320-C13 (For X435 Switch)		
10301	10 Gigabit Ethernet SFP+ module, 850nm, MMF 26-300m link, LC connector		
10302	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$522.06	
10309	10 Gigabit Ethernet SFP+ module, 1550nm, SMF 40km link, LC connector	\$1,569.33	
10GB-BX10-D	10Gb, Single Fiber SM, Bidirectional, 1270nm Tx / 1330nm Rx, 10 Km, Simplex LC SFP+ (must be paired with 10GB-BX10-U)	\$1,579.60	
logB-BX10-U	10Gb, Single Fiber SM, Bidirectional, 1330nm Tx / 1270nm Rx, 10 Km, Simplex LC SFP+ (must be paired with 10GB-BX10-D)	\$1,579.60	
LOGB-BX40-D	10Gb, Single Fiber SM, Bidirectional, 1330nm Tx / 1270nm Rx, 40 Km, Simplex LC SFP+ (must be paired with 10GB-BX40-U)	\$2,250.00	
10GB-BX40-U	10Gb, Single Fiber SM, Bidirectional, 1270nm Tx / 1330nm Rx, 40 Km, Simplex LC SFP+ (must be paired with 10GB-BX40-D)	\$2,250.00	
5520-VIM-4YE	5520 Versatile Interface Module with four 25GbE SFP28 ports MACsec capable supported on ExtremeSwitching 5520		
10319	40 Gigabit Ethernet QSFP+ SR4 optical module, MPO connector, 100m link length.	\$820.38	
10323	40 Gigabit Ethernet QSFP+ passive copper cable assembly, 5m length.	\$313.83	
.0414	100Gb, QSFP28-QSFP28 Direct attach passive copper cable, 5m	\$329.01	
.0304	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.		
.0305	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.		
10306	10 Gigabit Ethernet SFP+ passive cable assembly, 5m length.	\$90.42	
10307	10 Gigabit Ethernet SFP+ passive cable assembly, 10m length.	\$108.57	
16542	X440 G2 10 Gb Licence Upgrade Rear 2 Port	\$256.41	
.6543	X440 G2 10 Gb Licence Upgrade 4 Port	\$513.15	
(N-2P-RMKIT-002	Rack Mounting Kit to mount a 8T-4S or 8P-4S in 1RU space	\$19.14	
AP305C-FCC	ExtremeCloud IQ: Indoor WiFi 6 AP, 2x2 radios with Dual 5GHz and 1x1GbE port. Integrated light/power sensors & BLE/Zigbee. AI/ML green mode. Internal antennas. Built-in ceiling mounts. Includes Connect. Domain: US		
AP410C-FCC	ExtremeCloud IQ Indoor Tri Radio WiFi 6 AP 2.4 GHz 5GHz Sensor w/ Dual 5GHz Mulitrate Port. Integrated Light power sensors BLE/Zigbee. AI/ML green mode. INT antennas. T-Bar Incl Mt (AH-ACC-BKT-AX-TB). Domain US		
AP510C-FCC	ExtremeCloud IQ: Indoor Wi-Fi6 AP, 4x4 radios, 2.5 GbE & 1 GbE port. Integrated light/power sensors & BLE/Zigbee. AI/ML green mode. Internal antennas, T-Bar, Incl Mt (AH-ACC-BKT-AX-TB). Includes Connect. Domain: FCC Regulatory Domain		
XCIQ-PT0-C-EW-5YR-K12	EXTREMECLOUD IQ PILOT TIER 0 CLD RTU 5YR	\$131.25	
Fortinet = Firewall		Die Si	
FG-4201F-BDL-950-36	FortiGate Hardware & FortiGuard Bundle – 3 Years	\$367,085.47	
LIC-FGT-HYPSC	Hyperscale Firewall License for FortiGate FG-4200F/FG4201F Series for hardware session setup acceleration and logging	\$12,180.00	
SP-FG4000F-PS 2000W	AC power supply for 4000F and 6000F series, does not include SP-FGPCORC15-XX power cord.	\$2,603.48	

SP-FGPCORC15-US	6 ft power cord, 15A125V XXX, PSE BLACK ROHS-6, for FG-3900E, 4000F, 6000F and 7000E/F Series	\$16.44
SP-FG4K6K-FAN	Spare Hotswappable Fan Module for FG-420xF/440xF/6000F	\$651.63
FN-TRAN-LX	1 GE SFP LX transceiver module for all systems with SFP and SFP/SFP+ slots	\$90.00
FN-TRAN-GC	1 GE SFP RJ45 transceiver module for all systems with SFP and SFP/SFP+ slots	\$100.00
FN-TRAN-SX	1 GE SFP SX transceiver module for all systems with SFP and SFP/SFP+ slots	\$40.00
FN-TRAN-SFP+GC	10 GE SFP+ RJ45 transceiver module for systems with SFP+ slots	\$400.00
FN-TRAN-SFP+SR	10 GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots	\$100.00
FN-TRAN-SFP+LR	10 GE SFP+ transceiver module, long range for all systems with SFP+ and SFP/SFP+ slots	\$300.00
FN-TRAN-SFP+ER	10 GE SFP+ transceiver module, extended range for all systems with SFP+ and SFP/SFP+ slots	\$1,212.52
SP-CABLE-ADASFP+	10 GE SFP+ active direct attach cable, 10m / 32.8 ft for all systems with SFP+ and SFP/SFP+ slots	\$208.89
FN-TRAN-SFP28-SR	25 GE SFP28 transceiver module, short range for all systems with SFP28 slots	\$800.00
FG-TRAN-SFP28-LR	25 GE SFP28 transceiver module, long range for all systems with SFP28 slots	\$2,940.50
FN-TRAN-QSFP+SR	40 GE QSFP+ transceiver module, short range for all systems with QSFP+ slots	\$487.81
FG-TRAN-QSFP+SR-BIDI	40 GE QSFP+ transceiver module, short range BiDi for all systems with QSFP+ slots	\$977.45
FN-TRAN-QSFP+LR	40 GE QSFP+ transceiver module, long range for all systems with QSFP+ slots	\$1,694.24
N-TRAN-QSFP28-SR	100 GE QSFP28 transceivers, 4 channel parallel fiber, short range for all systems with QSFP28 slots	\$1,976.21
N-TRAN-QSFP28-LR	100 GE QSFP28 transceivers, 4 channel parallel fiber, long range for all systems with QSFP28 slots	\$6,516.30
FN-TRAN-QSFP28-CWDM4	100 GE QSFP28 transceivers, LC connectors, 2KM for all systems with QSFP28 slots	\$3,127.82
AZ-VM-GB1	Upgrade license for adding 1 GB/Day of Logs and 500 GB storage capacity	\$365.40
AZ-VM-GB5	Upgrade license for adding 5 GB/Day of Logs and 3 TB storage capacity	\$1,096.20
AZ-VM-GB25	Upgrade license for adding 25 GB/Day of Logs and 10 TB storage capacity	\$3,958.50
AZ-VM-GB100	Upgrade license for adding 100 GB/Day of Logs and 24 TB storage capacity	\$10,657.50
AZ-VM-GB500	Upgrade license for adding 500 GB/Day of Logs and 48 TB storage capacity	\$15,225.00
AZ-VM-GB2000	Upgrade license for adding 2 TB/Day of Logs and 100 TB storage capacity	\$48,720.00
FC1-10-LV0VM-149-02-12	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-6 GB/Day of Logs)	\$438.48
FC2-10-LV0VM-149-02-12	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-11 GB/Day of Logs)	\$657.72
C3-10-LV0VM-149-02-12	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-26 GB/Day of Logs)	\$1,010.94
FC4-10-LV0VM-149-02-12	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-Unlim GB/Day of Logs)	\$13,617.24
FC5-10-LV0VM-149-02-12	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-101 GB/Day of Logs)	\$2,350.74
C6-10-LV0VM-149-02-12	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-501 GB/Day of Logs)	\$3,264.24
FC7-10-LV0VM-149-02-12	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-2001 GB/Day of Logs)	\$9,963.24
FC1-10-LV0VM-248-02-12	24x7 FortiCare Contract (for 1-6 GB/Day of Logs)	\$462.84
FC2-10-LV0VM-248-02-12	24x7 FortiCare Contract (for 1-11 GB/Day of Logs)	\$706.44
FC3-10-LV0VM-248-02-12	24x7 FortiCare Contract (for 1-26 GB/Day of Logs)	\$1,193.64

FC4-10-LV0VM-248-02-12	24x7 FortiCare Contract (for 1-Unlimited GB/Day of Logs)	\$4,567.50
FC1-10-LV0VM-335-02-12	Subscription license for FortiAnalyzer SOC service (1-6 GB/Day of Logs)	\$1,315.44
FC2-10-LV0VM-335-02-12	Subscription license for FortiAnalyzer SOC service (1-11 GB/Day of Logs)	\$1,973.16
FC3-10-LV0VM-335-02-12	Subscription license for FortiAnalyzer SOC service (1-26 GB/Day of Logs)	\$3,032.82
FC5-10-LV0VM-335-02-12	Subscription license for FortiAnalyzer SOC service (1-101 GB/Day of Logs)	\$7,052.22
FC6-10-LV0VM-335-02-12	Subscription license for FortiAnalyzer SOC service (1-501 GB/Day of Logs)	\$9,792.72
FC7-10-LV0VM-335-02-12	Subscription license for FortiAnalyzer SOC service (1-2001 GB/Day of Logs)	\$25,889.72
FC4-10-LV0VM-335-02-12	Subscription license for FortiAnalyzer SOC service (1-unlimited GB/Day of Logs)	\$48,720.00
FC1-10-LV0VM-149-02-36	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-6 GB/Day of Logs)	\$1,315.44
FC2-10-LV0VM-149-02-36	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-11 GB/Day of Logs)	\$1,973.16
FC3-10-LV0VM-149-02-36	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-26 GB/Day of Logs)	\$3,032.82
FC4-10-LV0VM-149-02-36	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-Unlim GB/Day of Logs)	\$40,851.72
FC5-10-LV0VM-149-02-36	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-101 GB/Day of Logs)	\$7,052.22
FC6-10-LV0VM-149-02-36	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-501 GB/Day of Logs)	\$9,792.72
FC7-10-LV0VM-149-02-36	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-2001 GB/Day of Logs)	\$25,889.72
FC1-10-LV0VM-248-02-36	24x7 FortiCare Contract (for 1-6 GB/Day of Logs)	\$1,388.52
FC2-10-LV0VM-248-02-36	24x7 FortiCare Contract (for 1-11 GB/Day of Logs)	\$2,119.32
FC3-10-LV0VM-248-02-36	24x7 FortiCare Contract (for 1-26 GB/Day of Logs)	\$3,580.92
FC4-10-LV0VM-248-02-36	24x7 FortiCare Contract (for 1-Unlimited GB/Day of Logs)	\$13,702.50
FC1-10-LV0VM-335-02-36	Subscription license for FortiAnalyzer SOC service (1-6 GB/Day of Logs)	\$3,946.32
FC2-10-LV0VM-335-02-36	Subscription license for FortiAnalyzer SOC service (1-11 GB/Day of Logs)	\$5,919.48
FC3-10-LV0VM-335-02-36	Subscription license for FortiAnalyzer SOC service (1-26 GB/Day of Logs)	\$9,098.46
FC5-10-LV0VM-335-02-36	Subscription license for FortiAnalyzer SOC service (1-101 GB/Day of Logs)	\$21,156.66
FC6-10-LV0VM-335-02-36	Subscription license for FortiAnalyzer SOC service (1-501 GB/Day of Logs)	\$29,378.16
FC7-10-LV0VM-335-02-36	Subscription license for FortiAnalyzer SOC service (1-2001 GB/Day of Logs)	\$85,399.20
FC4-10-LV0VM-335-02-36	Subscription license for FortiAnalyzer SOC service (1-unlimited GB/Day of Logs)	\$139,200.00
FC1-10-LV0VM-149-02-60	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-6 GB/Day of Logs)	\$2,192.40
FC2-10-LV0VM-149-02-60	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-11 GB/Day of Logs)	\$3,288.60
FC3-10-LV0VM-149-02-60	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-26 GB/Day of Logs)	\$5,054.70
FC4-10-LV0VM-149-02-60	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-Unlim GB/Day of Logs)	\$68,086.20
FC5-10-LV0VM-149-02-60	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-101 GB/Day of Logs)	\$11,753.70
FC6-10-LV0VM-149-02-60	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-501 GB/Day of Logs)	\$16,321.20
FC7-10-LV0VM-149-02-60	Subscription license for the FortiGuard Indicator of Compromise (IOC) (for 1-2001 GB/Day of Logs)	\$44,816.20
FC1-10-LV0VM-248-02-60	24x7 FortiCare Contract (for 1-6 GB/Day of Logs)	\$2,314.20

	Totals:	\$1,753,904.78
FC4-10-LV0VM-335-02-60	Subscription license for FortiAnalyzer SOC service (1-unlimited GB/Day of Logs)	\$232,000.00
FC7-10-LV0VM-335-02-60	Subscription license for FortiAnalyzer SOC service (1-2001 GB/Day of Logs)	\$142,332.00
FC6-10-LV0VM-335-02-60	Subscription license for FortiAnalyzer SOC service (1-501 GB/Day of Logs)	\$48,963.60
FC5-10-LV0VM-335-02-60	Subscription license for FortiAnalyzer SOC service (1-101 GB/Day of Logs)	\$35,261.10
FC3-10-LV0VM-335-02-60	Subscription license for FortiAnalyzer SOC service (1-26 GB/Day of Logs)	\$15,164.10
FC2-10-LV0VM-335-02-60	Subscription license for FortiAnalyzer SOC service (1-11 GB/Day of Logs)	\$9,865.80
FC1-10-LV0VM-335-02-60	Subscription license for FortiAnalyzer SOC service (1-6 GB/Day of Logs)	\$6,577.20
FC4-10-LV0VM-248-02-60	24x7 FortiCare Contract (for 1-Unlimited GB/Day of Logs)	\$22,837.50
FC3-10-LV0VM-248-02-60	24x7 FortiCare Contract (for 1-26 GB/Day of Logs)	\$5,968.20
FC2-10-LV0VM-248-02-60	24x7 FortiCare Contract (for 1-11 GB/Day of Logs)	\$3,532.20

Posted: 12/14/21 8:00 AM CT

Signed Bidder Preference/	State/Percentage:		Florida
Balance of Line Discount	Extreme Networks: Hardw	vare - 50% discount, Support - 12% discount	
Balance of Line Discount	Fortinet: Hardware - 35%	discount, Support - 15% discount	
Bidder provided proof of be	eing an authorized re-seller fo	r proposed equipment?	Yes
Bidder completed E-Rate Participant Form?		Yes	
Bidder completed Vendor	nformation Form?		Yes
Bidder completed Custome	er References Form?		Yes
Signed Bid?			Yes
		ed timely as of the above opening date and time.	All other offers submitted in response to this
solicitation, if any are hereby	rejected as late.		
BIDDERS WHO BID 'NO BID)': NONE		
NON-RESPONSIVE BIDDER	S: NONE		
RECOMMENDATION FOR A	.WARD:		
Committee:	Eric Mitchell, Director	Dustin Keith, Specialist	
	Amanda DeWitt, Informations	Systems	
	rd to the lowest responsible and	responsive bidder, PC Solutions and Integration, I	Inc. All items will be purchased at fixed price as neede
throughout the contract term.			
FUNDING			
Fund Function	Object Center	<u>Project</u>	
General and Federal funds as	available		
General and I ederal lunus as			