Request to Approve Purchase of Firewall Hardware and Software

Recommendation:
Staff recommends approval to purchase Firewall hardware, software, and related services from HyeTech Network & Security Solutions, LLC. at a total cost of $341,811.12.

Procurement Process and Budget Information:
Funds were budgeted in Fiscal Year 2023 by the Technology Advancement and Support (TAS) division and Government Procurement Alliance contract 22-02PV-08 is utilized to ensure best value for the college.

Summary:
Firewalls are an essential part of Northland Pioneer College (NPC) Information Technology's security, providing a security perimeter around our network and protecting college systems, services, devices, and data from unauthorized access and malicious code. Additionally, firewalls allow the college to monitor, control, and prioritize bandwidth and allow secure Virtual Private Network (VPN) access for employees.

NPC currently maintains 4 firewall appliances and related software with both hardware and software reaching the end of their lifecycles. Replacing the firewalls will ensure continuity of secure and reliable services for students, employees, and community members.

In addition, the recommendation includes the request to purchase 2 additional firewall appliances along with the software and services required to maintain them. This planned addition to NPC's security infrastructure will primarily be used to isolate and protect the most sensitive data at the college.

The attached quote contains all applicable taxes.

Northland Pioneer College

Post Office Box 610 • Holbrook, AZ 86025 • (928) 524-7311 • Fax (928) 524-7312 • www.npc.edu

Quotation

HyeTech Network & Security Solutions, LLC.
10235 S. 51st Street #120
Phoenix, AZ 85044

Bill To:

Northland Pioneer
Curtis Stevens
2251 E. Navajo Blvd.
Holbrook, AZ 86025

Ship To:

Northland Pioneer
Curtis Stevens
2251 E. Navajo Blvd.
Holbrook, AZ 86025

Date:	February 06, 2023
Quotation #:	1102-057
Customer ID:	1102
Prepared by:	Justin Maroney
Quotation valid until:	March 08, 2023
Project Detail:	Firewalls
Contract:	1GPA Contract 22-02PV-08

Products:

Part	Description	Term	List Price	Unit Price	Qty	Ext. Price
FPR1010-NGFW-K9	CISCO FIREPOWER 1010 NGFW APPLIANCE, DES	---	$1,413.55	$540.68	2	$1,081.36
CON-SNT-FPR1010N	SNTC-8X5XNBD CISCO FIREPOWER 1010 NGFW A	36	$339.00	$220.35	2	$440.70
FPR1010T-TM	CISCO FPR1010 THREAT DEFENSE THREAT AND	---	$0.00	$0.00	2	$0.00
L-FPR1010T-TM-3Y	CISCO FPR1010 THREAT DEFENSE THREAT AND	36	$1,353.55	$517.73	2	$1,035.46
FPR1K-DT-PWR-AC	CISCO FIREPOWER 1K SERIES 150W POWER ADA	---	$585.53	$0.00	2	$0.00
CAB-AC-C5	AC PWR CORD TYPE C5 US CANADA	---	$0.00	$0.00	2	$0.00
SF-F1K-TD7.0.1-K9	CISCO FIREPOWER THREAT DEFENSE SOFTWARE	---	$0.00	$0.00	2	$0.00
FPR1K-DT-ACY-KIT	CISCO FIREPOWER 1K SERIES ACCESSORY KIT	---	$59.14	$0.00	2	$0.00
FPR1000-ASA	CISCO FIREPOWER 1000 STANDARD ASA LICENS	---	$0.00	$0.00	2	$0.00
FPR-LTP-QR-LBL	CISCO FIREPOWER QR LABEL - INTERNAL USE	---	$0.00	$0.00	2	$0.00
FPR3110-NGFW-K9	CISCO SECURE FIREWALL 3110 NGFW APPLIANC	---	$45,225.00	$19,559.81	2	$39,119.62
CON-SNT-FPR3110N	SNTC-8X5XNBD CISCO SECURE FIREWALL 3110	36	$10,800.00	$7,020.00	2	$14,040.00
FPR3K-PWR-AC-400	CISCO SECURE FIREWALL 3K SERIES 400W AC	---	$2,957.21	$0.00	2	$0.00
FPR3K-PWR-AC-400	CISCO SECURE FIREWALL 3K SERIES 400W AC	---	$2,957.21	$1,278.99	2	$2,557.98
CAB-AC	AC PWR CORD NORTH AMERICA C13 NEMA 5-15P	---	$0.00	$0.00	4	$0.00
SF-F3K-TD7.1.0-K9	CISCO FIREPOWER THREAT DEFENSE SOFTWARE	---	$0.00	$0.00	2	$0.00
FPR3K-SSD900	CISCO SECURE FIREWALL 3K SERIES 900GB	---	$11,049.98	$0.00	2	$0.00
FPR3K-SLIDE-RAILS	CISCO SECURE FIREWALL 3100 SLIDE RAIL KI	---	$467.24	$0.00	2	$0.00
FPR3110-BSE	CISCO SECURE FIREWALL 3110 BASE LIC	---	$0.00	$0.00	2	$0.00
FPR3K-FAN	CISCO SECURE FIREWALL 3K SERIES FAN TRAY	---	$1,182.89	$0.00	4	$0.00
FPR3K-SSD-BLANK	CISCO SECURE FIREWALL 3100 SERIES SSD BL	---	$147.87	$0.00	2	$0.00
FPR3K-NM-BLANK	FIREPOWER 3100 SERIES NETWORK MODULE BLA	---	$59.14	$0.00	2	$0.00
FPR3110T-TM	CISCO SECURE FIREWALL FPR3110 TP AND AMP	---	$0.00	$0.00	2	$0.00
L-FPR3110T-TM-3Y	CISCO SECURE FIREWALL FPR3110 TP AND AMP	36	$36,903.60	$15,960.81	2	$31,921.62
FMC1600-K9	CISCO FIREPOWER MANAGEMENT CENTER 1600 C	---	$29,235.01	$12,644.14	1	$12,644.14
CON-SNT-FCM1600K	SNTC-8X5XNBD CISCO FIREPOWER MANAGEMENT	12	$3,491.00	$2,618.25	1	$2,618.25
FMC-M5-MRAID-12G	CISCO FMC 12G MODULAR RAID CONTROLLER WI	---	$2,733.65	$0.00	1	$0.00
FMC-M5-SD-32G	CISCO FMC 32GB SD CARD MODULE	---	$195.18	$0.00	1	$0.00
FMC-M5-TPM-2.0	CISCO FMC TRUSTED PLATFORM MODULE 2.0	---	$88.72	$0.00	1	$0.00
FMC-M5-MSTOR-SD	CISCO FMC MINI STORAGE CARRIER CARD FOR	---	$124.21	$0.00	1	$0.00
FMC-M5-HDD-1.2TB	CISCO FMC 1.2TB 12G SAS 10K RPM SFF HDD	---	$1,815.73	$0.00	2	$0.00

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

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Products:

Part	Description	Term	List Price	Unit Price	Qty	Ext. Price
FMC-M5-CPU-I4215	CISCO FMC 2.4 GHZ 4215 PROCESSOR, 13.75M	---	$3,430.37	$0.00	1	$0.00
FMC-M5-MEM-A-16GB	CISCO FMC 16GB DDR4-3200-MHZ RDIMM/PC4-2	---	$1,578.65	$0.00	2	$0.00
SF-FMC-7.0.1-K9	CISCO FIREPOWER MANAGEMENT CENTER SOFTWA	---	$0.00	$0.00	1	$0.00
FMC-M5-PS-AC-770W	CISCO FMC 770W AC POWER SUPPLY	---	$828.02	$0.00	2	$0.00
CAB-9K12A-NA	CTO PWR CORD 125VAC 13A NEMA 5-15 PLUG N	---	$0.00	$0.00	2	$0.00
FMC-M5-NIC-SFP	CISCO FMC X710-DA2 DUAL-PORT 10G SFP+ NI	---	$2,217.91	$0.00	1	$0.00
FPR3110-NGFW-K9	CISCO SECURE FIREWALL 3110 NGFW APPLIANC	---	$45,225.00	$19,559.81	4	$78,239.24
CON-SNT-FPR3110N	SNTC-8X5XNBD CISCO SECURE FIREWALL 3110	$36.00	$10,800.00	$7,020.00	4	$28,080.00
FPR3K-PWR-AC-400	CISCO SECURE FIREWALL 3K SERIES 400W AC	---	$2,957.21	$0.00	4	$0.00
FPR3K-PWR-AC-400	CISCO SECURE FIREWALL 3K SERIES 400W AC	---	$2,957.21	$1,278.99	4	$5,115.96
CAB-AC	AC PWR CORD NORTH AMERICA C13 NEMA 5-15P	---	$0.00	$0.00	8	$0.00
SF-F3K-TD7.1.0-K9	CISCO FIREPOWER THREAT DEFENSE SOFTWARE	---	$0.00	$0.00	4	$0.00
FPR3K-SSD900	CISCO SECURE FIREWALL 3K SERIES 900GB	---	$11,049.98	$0.00	4	$0.00
FPR3K-SLIDE-RAILS	CISCO SECURE FIREWALL 3100 SLIDE RAIL KI	---	$467.24	$0.00	4	$0.00
FPR3110-BSE	CISCO SECURE FIREWALL 3110 BASE LIC	---	$0.00	$0.00	4	$0.00
FPR3K-FAN	CISCO SECURE FIREWALL 3K SERIES FAN TRAY	---	$1,182.89	$0.00	8	$0.00
FPR3K-SSD-BLANK	CISCO SECURE FIREWALL 3100 SERIES SSD BL	---	$147.87	$0.00	4	$0.00
FPR3K-NM-BLANK	FIREPOWER 3100 SERIES NETWORK MODULE BLA	---	$59.14	$0.00	4	$0.00
FPR3110T-TM	CISCO SECURE FIREWALL FPR3110 TP AND AMP	---	$0.00	$0.00	4	$0.00
L-FPR3110T-TM-3Y	CISCO SECURE FIREWALL FPR3110 TP AND AMP	$36.00	$36,903.60	$15,960.81	4	$63,843.24
				Subtotal:		**$280,737.57**

Professional Services:

General Pre-Installation Tasks:

- Verify hardware list vs. hardware on hand
- Identify modules, power-supplies and any other external parts
- Assemble equipment and test
- All cables and switches will be physically installed to client standards
- Label and deploy in MDF/IDF as defined by client staff
- Upgrade all hardware to latest stable OS / Firmware, perform POST and burn-in for 48 hours

Deploy Internet Edge Firewalls at PDC and WMC (1 each):

- Perform base device configuration for Firepower Threat Defense
  - Upgrade firmware and software to latest OEM & HyeTech recommended version
  - Upgrade FMC functionality to latest version
- Configure all layer 2-3 functions per client standards
  - VLANs, IP addressing and Management reachability
- Configure Firewall services
  - ACLs for inbound/outbound traffic copying existing ruleset
  - Outbound NAT rules copying existing ruleset
  - Inbound NAT rules copying existing ruleset
- Perform cutover to new internet firewall
- Perform testing to ensure successful cutover
- Also includes "Day 1" support after the cutover for any tuning/tweaking that needs to be done after the cutover.

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Professional Services:

Deploy Remote Access Firewalls at PDC and WMC (1 each):

- Perform base device configuration for Firepower Threat Defense
  - Upgrade firmware and software to latest OEM & HyeTech recommended version
  - Upgrade FMC functionality to latest version
- Configure all layer 2-3 functions per client standards
  - VLANs, IP addressing and Management reachability
- Configure Firewall services
  - ACLs for inbound/outbound traffic copying existing ruleset
  - Outbound NAT rules copying existing ruleset
  - Inbound NAT rules copying existing ruleset
  - Configure Anyconnect copying existing cconfig
- Perform cutover to new firewall
- Perform testing to ensure successful cutover
- Also includes "Day 1" support after the cutover for any tuning/tweaking that needs to be done after the cutover.

Deploy Core Firewalls:

- PDC Data Center:
  - Physical Installation: rack, stack, power-on, cabling, and burn-in
  - Initial configuration and burn-in
  - Configure HA
  - Connect to Firepower Management Center
  - Upgrade FX-OS to support latest gold-star image
  - Upgrade FTD to latest gold-star image
  - Configure core firewall to support up to 5 data center segments
  - Configure NGFW features where appropriate

- WMC Data Center:
  - Physical Installation: rack, stack, power-on, cabling, and burn-in
  - Initial configuration and burn-in
  - Configure HA
  - Connect to Firepower Management Center
  - Upgrade FX-OS to support latest gold-star image
  - Upgrade FTD to latest gold-star image
  - Configure core firewall to support up to 5 data center segments
  - Configure NGFW features where appropriate

General Post-Installation Tasks:

- Provide up to 4 hours of next day support
- Update site documentation, hardware asset information and location
- Dispose of all boxes and other trash as directed by client staff

Project Management:

- Provide project management throughout the duration of the project
- Kick off meeting
- Status meetings
- Single point of contact for all communications

Assumptions & Requirements:

- All work to be performed remotely unless otherwise called out in the statement of work
- Customer to provide Hye Tech with all relevant organizational policies such as standardization, naming convention, IP addressing, or other pertinent information to the project
- Customer will participate and provide access to information, documentation, and technology necessary for project discovery
- Customer to provision access to necessary infrastructure
- Customer to provide access to any support or licensing contracts associated with the project
- Items not specified in this scope of work are explicitly excluded from this service offering

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Quotation

Quote Summary	Amount
Products:	$280,737.57
Professional Services:	$34,600.00
Subtotal:	**$315,337.57**
Estimated Tax:	**$26,473.55**
Total:	**$341,811.12**

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Terms & Conditions:

Invoicing & Payment

Unless otherwise stated in an SOW, exhibit, or definitive agreement, Hye Tech shall invoice Customer on a project basis. Customer shall pay Hye Tech within thirty (30) calendar days from the date of invoice for any of the Services and expenses provided or incurred hereunder. Hye Tech may charge Customer interest and late fees on any overdue and unpaid portion of the Fees in an amount equal to one and one half percent (1.5%) per month. All payments shall be made in U.S. dollars. In the event Customer disputes any Fees, Customer shall pay any undisputed portion of the invoice containing the disputed Fees.

Suspension

In the event of non-payment of any Fees or other fees payable within forty-five (45) days from the date of invoice, HT may, in addition to any other rights and remedies it may have, suspend Customer's access to the Products and Services.

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