



Complete and submit this form, along with any supplemental documentation, to the Office of the President by 5:00pm on the seventh day prior to the Board meeting.

Date of Board Meeting: February 21, 2023

Subject: Firewall Upgrade

Recommendation: Approve the RockIT proposal to upgrade the WCJC Firewall across all campus locations.

Background and Rationale:

WCJC's current and future technology needs require an improved network infrastructure and wireless environment. In an effort to modernize and future-proof our various systems, this proposal seeks to upgrade the Firewalls across all WCJC campuses. The new firewall configuration will replace the previous iSensor system that is currently in use, transitioning all campuses to FortiGate. The current annual firewall cost is \$82,000 per year, for a total of \$410,475 over five years. The proposed five-year contract with RockIT totals \$184,871, resulting in a five-year savings of \$225,000.

Cost and Budgetary Support: \$184,871 (No cost to the institution; annual savings of \$45,000/year)

Strategic Priority Alignment: Student Success Community Impact
 Resource Optimization Institutional Excellence

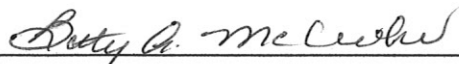
Resource Person(s): Amanda Allen, Ed.D.; VP of Strategy, Enrollment Management, and Technology

Signatures:

 
Cabinet-Level Supervisor

02/10/2023
Date

President's Approval:


President

2-13-23
Date



We have prepared a quote for you

New WAN Firewall - Fortigate

Quote # 002248
Version 1

Prepared for:

WCJC

Robby Mathews
robbym@wcjc.edu

CO-OP Info

TIPS - 220105 Technology Solutions Products and Services

We recommend contingency be set aside by WCJC for any oversights on projects this size.

1 Year License Option

* Optional

Description	Price	Qty	Ext. Price
WCJC and Richmond			
FG-600F FORTIGATE-600F 4X25G SFP28 PERP 4X10GE SFP+ SLOTS 18XGE RJ45PORTS	\$17,271.56	2	\$34,543.12
FN-TRAN-LX 1GE SFP LX TRANS MODULE FOR ALLPERP SYST W/SFP & SFP/SFP+ SLOTS	\$122.81	2	\$245.62
FC10-0600F-131-02-12 1YR FORTIGATE 600F FORTIGATE LICs CLOUD MANAGEMENT ANALYSIS AND 1YR	\$3,463.79	2	\$6,927.58
FC10-0600F-928-02-12 1YR FORTIGATE 600F ADV THREAT LICs PROTECTION IPS ADV MALWARE	\$8,290.35	2	\$16,580.70
Bay City and Sugar Land			
FG-80F 8XGE RJ45 PORTS 2XRJ45/SFP PERP SHARED MEDIA WAN PORTS	\$1,434.38	2	\$2,868.76
SP-RACKTRAY-02 RACK MNT TRAY FOR ALL FORTIGATERMKT E&F SERIES DT AND W/ SP-RACKTRAY-01	\$176.25	2	\$352.50
SP-FG80E-POE-PDC AC POWER ADAPTOR FOR FG-80E-POEPWR FG-81E-POE	\$99.38	2	\$198.76
FN-TRAN-LX 1GE SFP LX TRANS MODULE FOR ALLPERP SYST W/SFP & SFP/SFP+ SLOTS	\$122.81	2	\$245.62
FC10-0080F-131-02-12 1YR FORTIGATE CLD MGMT ANALYSISCLDS 1YR LOG RETENTION FOR FORTIGATE-80F	\$293.46	2	\$586.92
FC10-0080F-928-02-12 1YR 24X7 ATP FORTICARE+APP CTRL LICs IPS AND AMP SVC FOR FORTIGATE-80F	\$688.50	2	\$1,377.00
Professional Servies - Project Manager Project Management	\$165.00	40	\$6,600.00

1 Year License Option

* Optional

Description	Price	Qty	Ext. Price
Professional Services - IT - Fixed Consultant II/Senior Consultant - Please See Scope of Work	\$150.00	84	\$12,600.00

* Optional Subtotal: **\$83,126.58**

5 Year License Option

* Optional

Description	Price	Qty	Ext. Price
WCJC and Richmond			
FG-600F FORTIGATE-600F 4X25G SFP28 PERP 4X10GE SFP+ SLOTS 18XGE RJ45PORTS	\$17,271.56	2	\$34,543.12
FN-TRAN-LX 1GE SFP LX TRANS MODULE FOR ALLPERP SYST W/SFP & SFP/SFP+ SLOTS	\$122.81	2	\$245.62
FC10-0600F-131-02-60 5YR FORTIGATE 600F FORTIGATE LICs CLD MANAGEMENT ANALYSIS AND 1YR LOG	\$17,272.79	2	\$34,545.58
FC10-0600F-928-02-60 5YR FORTIGATE 600F ADV THREAT LICs PROTECTION IPS ADV MALWARE	\$41,451.75	2	\$82,903.50
Bay City and Sugar Land			
FG-80F 8XGE RJ45 PORTS 2XRJ45/SFP PERP SHARED MEDIA WAN PORTS	\$1,434.38	2	\$2,868.76
SP-RACKTRAY-02 RACK MNT TRAY FOR ALL FORTIGATERMKT E&F SERIES DT AND W/ SP-RACKTRAY-01	\$176.25	2	\$352.50
SP-FG80E-POE-PDC AC POWER ADAPTOR FOR FG-80E-POEPWR FG-81E-POE	\$99.38	2	\$198.76
FN-TRAN-LX 1GE SFP LX TRANS MODULE FOR ALLPERP SYST W/SFP & SFP/SFP+ SLOTS	\$122.81	2	\$245.62
FC10-0080F-131-02-60 5YR FORTIGATE CLD MGMT ANALYSISCLDS 1YR LOG RETENTION FOR FORTIGATE-80F	\$1,441.39	2	\$2,882.78
FC10-0080F-928-02-60 5YR 24X7 ATP FORTICARE+APP CTRL LICs IPS AND AMP SVC FOR FORTIGATE-80F	\$3,442.50	2	\$6,885.00
Professional Services - Project Manager Project Management	\$165.00	40	\$6,600.00



5 Year License Option

* Optional

Description	Price	Qty	Ext. Price
Professional Services - IT - Fixed Consultant II/Senior Consultant - Please See Scope of Work	\$150.00	84	\$12,600.00

* Optional Subtotal: **\$184,871.24**

Scope of Work

Firewall Replacement SOW

Wharton

- Analyze/clean SonicWALL configuration at Wharton for necessary configuration migration.
 - Delete old policy.
 - Determine devices with overeager policy and restrict to minimum needed policy.
- Replicate configuration From Wharton to FortiGate
 - Attempt to name policies.
- Install FortiGate at Wharton
 - Bypass iSensor and alter LAN side configuration to a /29 subnet
 - Build VPN to non-FortiGate appliances.
 - Monitor And troubleshoot following installation.

Richmond

- Replicate configuration from Richmond SonicWALL to FortiGate
- Install FortiGate at Richmond and link to Wharton via VPN
 - Monitor And troubleshoot following installation.

Bay City

- Replicate configuration from Bay City SonicWALL to FortiGate
- Install FortiGate at Bay City and link to Wharton via VPN
 - Monitor And troubleshoot following installation.

Sugar Land

- Replicate configuration from Sugar Land SonicWALL to FortiGate
- Install FortiGate at Sugar Land and link to Wharton via VPN
 - Monitor And troubleshoot following installation.

Assumptions

- Weekend long downtime will be permitted for Wharton Install.
- Friday Evening downtime will be permitted for Bay City, Richmond, and Sugar Land Install.
- Collaboration with Banner team to reassign addresses will be completed before firewall cutover.

Exclusions (ISP Cutover Prep)

- Configuration of BGP and connection to new MPLS/LEARN network.
- Determine which have public IPs directly assigned and convert to NAT.
 - Needs to be completed with DBA team before Firewall configuration.
 - Place public facing devices In DMZ where possible.

Terms and Conditions

[Terms And Conditions \(rockit-consulting.com\)](http://www.rockit-consulting.com)

New WAN Firewall - Fortigate

Prepared by:

RockIT - Houston



Nicky Stavinoha
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Prepared for:

WCJC

911 Boling Hwy
Wharton, TX 77488
Robby Mathews

robbym@wcjc.edu

Quote Information:

Quote #: 002248

Version: 1
Delivery Date: 02/09/2023
Expiration Date: 03/01/2023

*Optional Expenses


Description	One-Time
1 Year License Option	\$83,126.58
5 Year License Option	\$184,871.24

Optional Subtotal: **\$267,997.82**

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

RockIT - Houston

WCJC

Signature: 
Name: Nicky Stavinoha
Title: Senior Sales / Account Manager
Date: 02/09/2023

Signature: _____
Name: Robby Mathews
Date: _____