



REQUISITION FORM

PURCHASE REQUISITION

Date issued 3 March 2033
 Need Date 3 March 2023
 Department Technology
 Requisitioner DeAllous Smith

Req. No. _____

To be purchased from:

InterDev – Nathan Holder
900 Holcomb Woods PKWY
Roswell, GA 30076

Department Head: DeAllous Smith

Suggested vendors:

1. InterDev – Fortinet
2. _____
3. _____

To be delivered to:

City of Stonecrest 3120 Stonecrest BLVD.,
STE 190 Stonecrest, GA 30038
Attn: DeAllous Smith

ITEM NUMBER	QTY	UNIT	DESCRIPTION	ACCOUNT TO BE CHARGED	UNIT PRICE	AMOUNT
Description						
1	2		FortiGate 201F 1YR Bundle FortiGate-201F- USG Hardware plus 1YR Enterprise Support		\$9,888.58	\$19,777.16
2	2		Fortinet 548D- FPOE Switch Layer 2/3 FortiGate switch controller compatible PoE+ switch with 48 x GE RJ45 ports, 4 x 10 GE SFP+ and 2 x 40 GE QSFP+, with automatic Max 750W POE output limit		\$4,956.00	\$9,912.00
3	2		1Yr 24x7 FortiCare Contract 1 Year 24x7 FortiCare Contract		\$536.90	\$1,073.80

4	5		FortiSwitch 248E 48P PoE Switch Fortinet FortiSwitch 248E-FPOE - Switch - L3 - managed - 48 x 10/100/1000 (PoE+) + 4 x Gigabit SFP - rack-mountable - PoE+ (740 W)		\$2,598.75	\$12,993.75
5	5		1 Yr 24X7 FortiCare Contract Fortiswitch-248E- FPOE 24X7 FortiCare 1YR Contract		\$281.54	\$1,407.70
6	1		L2+ MGD POE SWCH 24GE + 4SFP+ 24PT POE L2+ managed POE switch with 24GE + 4SFP+, 24port POE with max 370W limit and smart fan temperature control		\$1,196.25	\$1,196.25
7	1		FORTISWITCH-124F- FPOE 1YR 24X7 FORTICARE FORTISWITCH-124F- FPOE 1YR 24X7 FORTICARE		\$129.60	\$129.60
8	16		Fortinet SFP+ Module Fortinet SFP+ Module - For Data Networking, Optical Network - 1 10GBase-LR Network - Optical Fiber10 Gigabit Ethernet - 10GBase-LR		\$279.70	\$4,475.20
			SFP (MINI-GBIC) TRANSCEIVER FORTINET FN-			

9	18		TRAN-LX - SFP (MINI-GBIC) TRANSCEIVER MODULE - GIGE - 1000BASE- LX - LC SINGLE- MODE - UP TO 6.2 MILES - 1310		\$ 91.38	\$ 1,644.84
10	12		Duplex Fiber SM LC/LC 2M Duplex Single Mode Fiber Cable LC/LC - 2 Meter		\$14.69	\$176.28
					Subtotal	\$ 52,786.58
Implementation Cost						
	68		Sr. Network Engineer		\$175.00	\$11,900.00
	16		Project Manager		\$150.00	\$2,400.00
					Subtotal	\$14,300.00
Quote Summary Description						Amount
			Hardware			\$52,786.58
			Implementation			\$14,300.00
					Total:	\$67,086.58

Specifications:

2023 Network Refresh – Quote 005904 V2 - STATE CONTRACT#: 99999 – SPD – T201205

Competitive Prices: *(To be filled in by Purchasing)*

Approved:

D. Allous Smith

Finance Officer

Purchasing Agent

City Manager

Alpharetta (Global)

900 Holcomb Woods Parkway
Roswell, GA 30076
7706434400
www.interdev.com



We have prepared a quote for you

Network Refresh - 2023

QUOTE # 005904 V2

PREPARED FOR

City of Stonecrest

PREPARED BY

Nathan Holder

Hardware

STATE CONTRACT #: 99999-SPD-T201205

Description	Price	Qty	Ext. Price
FortiGate 201F 1YR Bundle FortiGate-201F-USG Hardware plus 1YR Enterprise Support	\$9,888.58	2	\$19,777.16
Fortinet 548D-FPOE Switch Layer 2/3 FortiGate switch controller compatible PoE+ switch with 48 x GE RJ45 ports, 4 x 10 GE SFP+ and 2 x 40 GE QSFP+, with automatic Max 750W POE output limit	\$4,956.00	2	\$9,912.00
1Yr 24x7 FortiCare Contract 1 Year 24x7 FortiCare Contract	\$536.90	2	\$1,073.80
FortiSwitch 248E 48P PoE Switch Fortinet FortiSwitch 248E-FPOE - Switch - L3 - managed - 48 x 10/100/1000 (PoE+) + 4 x Gigabit SFP - rack-mountable - PoE+ (740 W)	\$2,598.75	5	\$12,993.75
1 Yr 24X7 FortiCare Contract Fortiswitch-248E-FPOE 24X7 FortiCare 1YR Contract	\$281.54	5	\$1,407.70
L2+ MGD POE SWCH 24GE + 4SFP+ 24PT POE L2+ managed POE switch with 24GE + 4SFP+, 24port POE with max 370W limit and smart fan temperature control	\$1,196.25	1	\$1,196.25
FORTISWITCH-124F-FPOE 1YR 24X7 FORTICARE FORTISWITCH-124F-FPOE 1YR 24X7 FORTICARE	\$129.60	1	\$129.60
Fortinet SFP+ Module Fortinet SFP+ Module - For Data Networking, Optical Network - 10GBase-LR Network - Optical Fiber10 Gigabit Ethernet - 10GBase-LR	\$279.70	16	\$4,475.20
SFP (MINI-GBIC) TRANSCEIVER FORTINET FN-TRAN-LX - SFP (MINI-GBIC) TRANSCEIVER MODULE - GIGE - 1000BASE-LX - LC SINGLE-MODE - UP TO 6.2 MILES - 1310	\$91.38	18	\$1,644.84
Duplex Fiber SM LC/LC 2M Duplex Single Mode Fiber Cable LC/LC - 2 Meter	\$14.69	12	\$176.28
Subtotal:			\$52,786.58

Implementation Cost

A detailed Statement of Work (SOW) is attached to this proposal

Description	Price	Qty	Ext. Price
Sr. Network Engineer	\$175.00	68	\$11,900.00
Project Manager	\$150.00	16	\$2,400.00
Subtotal:			\$14,300.00

Network Refresh - 2023



Prepared by:
Alpharetta (Global)
Nathan Holder
678-672-1508
Fax 6786721555
nholder@interdev.com

Prepared for:
City of Stonecrest
3120 Stonecrest Blvd
Stonecrest, GA 30038
DeAllous Smith
(404) 224-0200
dsmith@stonecrestga.gov

Quote Information:
Quote #: 005904
Version: 2
Delivery Date: 03/02/2023
Expiration Date: 03/31/2023

Quote Summary

Description	Amount
Hardware	\$52,786.58
Implementation Cost	\$14,300.00
Total:	\$67,086.58

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

Alpharetta (Global)

City of Stonecrest

Signature: *Nathan Holder*
Name: Nathan Holder
Title: Business Development Manager
Date: 03/02/2023

Signature: _____
Name: DeAllous Smith
Date: _____

Preliminary SOW & Project Plan

Client:	City of Stonecrest, Georgia
Project Summary:	Network Hardware Replacement and Redesign
Requested Start Date:	30 days from equipment receipt
Requested Completion Date:	45 days from project start
Justification:	

This project is item 5.2.6 in the City's Technology Work Plan for FY 2023-24. It is an upgrade of the existing core network hardware at City Hall and the other municipal buildings. The City's current core switches will be past their useful life of 6 years per IT's hardware lifecycle standards in July 2023. IT will upgrade the current Cisco hardware with 8 Fortinet switches and 3 firewalls. During the hardware replacement staff will also redesign the network to ensure proper security design and functionality.

Goal: (What does success look like for this project?):

Successfully replace identified network hardware implementing an updated IP addressing schema with minimal impact to operations to provide the city with updated hardware for critical network infrastructure.

Scope and Hours Estimate	Hours	Rate/Hr.	Ext. Cost
Project Management	16.0	\$ 150	\$ 2,400
Project Kickoff Call, Status Update Calls, Resource Scheduling, etc.			
Replicate Existing Configuration (Bench Configuration)	16.0	175	2,800
Review and consolidate current network documentation, firewall rules, and security profiles			
Unboxing and inventory of all equipment			
Ensure all equipment is properly registered in the Fortinet Portal			
Ensure all devices have latest firmware			
Configure Firewalls for high assurance (HA)			
Configure Network Interfaces and Routing			
Create Firewall Objects			
Configure/Replicate Security Profiles/Polices			
Antivirus Profile			
Web Filter Profile			
DNS Filter Profile			
Application Control Profile			
Intrusion Prevention Profile			
Web Application Firewall Profile (If Applicable)			
SSL/SSH Inspection			
Configure RADIUS/LDAP as required			
Configure VPNs (if required)			
SSL VPN Configuration			
User groups, LDAP, RADIUS Configuration			
IPSEC VPN and/or Tunnels			
Configure Switches			
Configure Networks, VLANs, etc.			
Configure ACLs as necessary			
Configure DHCP, DNS and other services as required with new IP Scheme			
Quality Control Check	4.0	175.0	700.0
Review of Bench Configuration by Senior Security Engineer and Senior Network Engineer			
Create Test and Cutover Plan, Gain Customer Approval, and Submit Change Control			
Firewall Cutover	16.0	175.0	2,800.0
Rack, power and cable management switch			
Rack, power and cable firewalls			
Complete configuration items that could not be done on the bench			
Cut services over to new firewalls			
Test / Validate configuration of edge management switch (in front of firewalls)			
Test / Validate Active Directory, LDAP, RADIUS and VPN Configurations			
Test / Validate SSL Inspection			
Test / Validate Intrusion Prevention Configuration			
Test / Validate Application Control			
Test / Validate Web Filtering			
Test / Validate Web Application Firewall (If Applicable)			
Post installation support & monitoring			

Switching Cutover	24.0	175.0	4,200.0
Rack, power and cable core switches Rack, power and cable access layer switches Final configuration of core and access layer switching Cutover of Core Switches Cutover of Access Layer Switches Testing and monitoring of network to ensure all services are back online and network stability Create DNS names for all new devices Update Auvik monitoring to account for new devices and IP schema			
Contingency Reserve	8.0	175.0	1,400.0
As needed block of hours to account for any unforeseen issues and will only be billed if required If this time is required, it will be clearly communicated by the Project Manager			
TOTAL PROJECT COST:		84.0	\$ 14,300

Prerequisites	
The city will provide appropriate level of access to facilities to support the project.	
All equipment will have been received prior to scheduling any work	
The City will coordinate with the project team to set reasonable times for both parties for services cutover	

Assumptions / Understandings	
InterDev will install and configure two firewalls in high assurance (HA) and replicate existing objects and rules. InterDev will also replace the core and access layer switches utilizing an updated IP scheme for improved network performance and a reduction in administrative overhead. Configurations will be reviewed by Senior Engineering staff and a thorough testing plan will be used to ensure all services are returned to operation with minimal impact to operations during the cutover.	
During scheduled services cutovers, the city will be without services. The InterDev team will communicate impact and duration of the outage to city management. The city will ensure that staff is informed. During cutover windows, InterDev staff will be focused on the transition to new equipment and service restoration.	
The InterDev project team will submit a change control request for each cutover to document and communicate to affected staff (both InterDev and customer) the changes being made. All Change Control requests must include a roll-back plan to guard against worst case scenario.	
The city is responsible for final disposition of old equipment. InterDev staff will assist in appropriate disposal of old equipment in accordance with city policy and guidelines.	

Deliverables (Write-ups, quotes, network diagram, etc.)	
Two firewalls deployed at the network perimeter in high assurance configuration	
Replacement of the Core Switches	
Replacement of the Access Layer Switches	
Updated IP Scheme	
All services restored upon completion of the installation/upgrade	
Completed By:	Jesse Cail, Solutions Architect
Reviewed By:	Daniel Schultheiss, Chief Information Officer
Approved By:	Rosie Caldon, IT Services Manager