

City of McCleary  
**STAFF REPORT**



<b>To:</b>	Mayor Miller and City Councilmembers
<b>From:</b>	Chad Bedlington
<b>Date:</b>	April 26, 2023
<b>Department:</b>	IT Administration

**IT Infrastructure Update**

**Background**

After four months of assessing, cataloguing, collecting data, backing up current data, and patching holes in the city’s current IT infrastructure, we had two companies, Aktivov and Insight, perform assessments and provide quotes and recommendations. We received competitive pricing from Insight and desire to move forward with purchasing our equipment, software, and licensing through them. Aktivov would provide technical assistance as needed during the transition and after implementation.

The following summary was the result of the assessment. The current hardware used in all areas of the city is currently antiquated, and unsupported. The Police Department network infrastructure is in the worst condition. There is also a need to correctly wire all locations.

A breakdown of what is to be provided is as follows:

**Hardware**

- Two (2) HPE DL360 Gen10+ servers configured for High Availability
- One (1) HPE Modular Smart Array 1060 w/6 SAS drives totaling 7.2TB
- One (1) Cisco 48 port POE+ switch
- Four (4) FortiGate firewalls to replace all four locations
- One (1) HPE Rack Mount KVM Console
- One (1) 36u G2 Advanced Shock Rack

**Software**

- One (1) Rubrik Zero Trust Platform – Security and Monitoring Suite
- One (1) Atera Remote Monitoring and Management Suite

Due to the disjointed nature of the network and many previous attempts at “fixing” it, there is little information or management options for ensuring that remote user accounts have been deactivated and previous employees being disabled. It is our recommendation that we replace the current servers,

switches, firewalls, and profile data. It is further recommended that additional software be purchased to shore up the security and monitoring aspects of the network due to the increased threat landscape in society today.

The Police Department will also use the same hardware, lowering costs, while also keeping them separate per federal security requirements by utilizing VLANs and subnetting.

### **Cost Summary**

The proposed solution will cost \$75,563.16. A detailed breakdown of costs is included in your packet. This cost includes all the new hardware, software, licensing for the first three years, shipping, tax, and installation/technical support. The proposed solution will operate for a minimum of 5 years and support future growth and expansion.

### **Recommendations and Council Action Needed**

The IT department is making the following recommendations for the Mayor and City Councils Consideration. We request that Council authorize the Mayor and City staff to proceed with expedited requisition of materials needed to complete the needed IT infrastructure upgrades. It is further requested that Council approve a 2023 budget amendment, to be brought forward at the May 10, 2023 Council meeting. Final costs will be determined before the next council meeting, but should not exceed \$80,000. The budget amendment to be brought in May will be for the actual costs of the project, including a 5% contingency for any unforeseeable costs.

**SOLD-TO PARTY 11314065**

CITY OF MCCLEARY  
 ACCOUNTS PAYABLE  
 100 S 3RD ST  
 MCCLEARY WA 98557-9652

**SHIP-TO**

CITY OF MCCLEARY  
 TYSON RYDER  
 100 S 3RD ST  
 MCCLEARY WA 98557-9652

Quotation	
<b>Quotation Number</b>	: <a href="#">0226153010</a>
<b>Document Date</b>	: 07-APR-2023
<b>PO Number</b>	:
<b>PO release:</b>	:
<b>Sales Rep</b>	: Damien Tran
<b>Email</b>	: <a href="mailto:DAMIEN.TRAN@INSIGHT.COM">DAMIEN.TRAN@INSIGHT.COM</a>
<b>Telephone</b>	:

**We deliver according to the following terms:**

**Payment Terms** : Credit Card  
**Ship Via** : Insight Assigned Carrier/Ground  
**Terms of Delivery:** : FOB DESTINATION  
**Currency** : USD

Material	Material Description	Quantity	Unit Price	Extended Price
<a href="#">J9821A</a>	HPE Aruba 5406R z12 - switch - managed - rack-mountable OPEN MARKET	1	1,673.98	1,673.98
<a href="#">H1MR1E</a>	HPE Foundation Care Next Business Day Exchange Service - extended service agreement - 1 year - shipment OPEN MARKET	1	862.00	862.00
<a href="#">J9829A#ABA</a>	HPE Aruba - power supply - 1100 Watt OPEN MARKET	1	853.83	853.83
<a href="#">J9990A</a>	HPE - expansion module - Gigabit Ethernet (PoE+) x 20 + Gigabit Ethernet / 10 Gigabit SFP+ x 4 OPEN MARKET	3	2,767.50	8,302.50

Product Subtotal	10,830.31
Services Subtotal	862.00
TAX	1,040.62
<b>Total</b>	<b>12,732.93</b>

Lease & Financing options available from Insight Global Finance for your equipment & software acquisitions. Contact your Insight account executive for a quote.

Thank you for choosing Insight. Please contact us with any questions or for additional information about Insight's complete IT solution offering.

Sincerely,

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Damien Tran

[DAMIEN.TRAN@INSIGHT.COM](mailto:DAMIEN.TRAN@INSIGHT.COM)

Insight Global Finance has a wide variety of flexible financing options and technology refresh solutions. Contact your Insight representative for an innovative approach to maximizing your technology and developing a strategy to manage your financial options.

This purchase is subject to Insight's online Terms of Sale unless you have a separate purchase agreement signed by you and Insight, in which case, that separate agreement will govern. Insight's online Terms of Sale can be found at the "terms-and-policies" link below.

SOFTWARE AND CLOUD SERVICES PURCHASES: If your purchase contains any software or cloud computing offerings ("Software and Cloud Offerings"), each offering will be subject to the applicable supplier's end user license and use terms ("Supplier Terms") made available by the supplier or which can be found at the "terms-and-policies" link below. By ordering, paying for, receiving or using Software and Cloud Offerings, you agree to be bound by and accept the Supplier Terms unless you and the applicable supplier have a separate agreement which governs.  
<https://www.insight.com/terms-and-policies>

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 MCCLEARY WA 98557-9652

Quotation	
Quotation Number :	0226154504
Document Date :	08-APR-2023
PO Number :	
PO release:	
Sales Rep :	Damien Tran
Email :	DAMIEN.TRAN@INSIGHT.COM
Telephone :	

**We deliver according to the following terms:**

Payment Terms : Credit Card  
 Ship Via : Insight Assigned Carrier/Ground  
 Terms of Delivery: : FOB DESTINATION  
 Currency : USD

Material	Material Description	Quantity	Unit Price	Extended Price
B020-U08-19-K	Tripp Lite 8-Port Rack Console KVM Switch w/19" LCD & 8 PS2/USB Cables 1U - KVM console - 19" OPEN MARKET	1	1,315.00	1,315.00
			Product Subtotal	1,315.00
			TAX	117.04
			<b>Total</b>	<b>1,432.04</b>

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Quotation	
Quotation Number :	<a href="#">0226109283</a>
Document Date :	27-MAR-2023
PO Number :	
PO release:	
Sales Rep :	Damien Tran
Email :	<a href="mailto:DAMIEN.TRAN@INSIGHT.COM">DAMIEN.TRAN@INSIGHT.COM</a>
Telephone :	

**We deliver according to the following terms:**

Payment Terms : Credit Card  
 Ship Via : Insight Assigned Carrier/Ground  
 Terms of Delivery: : FOB DESTINATION  
 Currency : USD

In order for Insight to accept Purchase Orders against this contract and honor the prices on this quote, your agency must be registered with OMNIA Partners Public Sector (formerly U.S. Communities). Our sales teams would be happy to assist you with your registration. Please contact them for assistance -- the registration process takes less than five minutes.

Material	Material Description	Quantity	Unit Price	Extended Price
<a href="#">FG-40F</a>	Fortinet FortiGate 40F - security appliance OMNIA PARTNERS IT PRODUCTS & SERVICES(# 4400006644)	1	368.65	368.65
<a href="#">FC100040F9500212</a>	Fortinet FortiCare 24x7 Bundle - extended service agreement (renewal) - 1 year - shipment OMNIA PARTNERS IT PRODUCTS & SERVICES(# 4400006644)	1	327.95	327.95
<a href="#">FG-40F</a>	Fortinet FortiGate 40F - security appliance OMNIA PARTNERS IT PRODUCTS & SERVICES(# 4400006644)	1	368.65	368.65
<a href="#">FC100040F9500212</a>	Fortinet FortiCare 24x7 Bundle - extended service agreement (renewal) - 1 year - shipment OMNIA PARTNERS IT PRODUCTS & SERVICES(# 4400006644)	1	327.95	327.95
<a href="#">FG-60F</a>	Fortinet FortiGate 60F - security appliance OMNIA PARTNERS IT PRODUCTS & SERVICES(# 4400006644)	1	517.15	517.15
<a href="#">FC100060F9500212</a>	Fortinet FortiCare 24x7 Bundle - extended service agreement (renewal) - 1 year - shipment OMNIA PARTNERS IT PRODUCTS & SERVICES(# 4400006644)	1	460.04	460.04
<a href="#">FG-200F</a>	Fortinet FortiGate 200F - security appliance OMNIA PARTNERS IT PRODUCTS & SERVICES(# 4400006644)	1	3,228.74	3,228.74

Material	Material Description	Quantity	Unit Price	Extended Price
<a href="#">FC10F200F9500212</a>	Fortinet FortiCare 24x7 Bundle - extended service agreement (renewal) - 1 year - shipment OMNIA PARTNERS IT PRODUCTS & SERVICES(# 4400006644)	1	2,872.15	2,872.15
			Product Subtotal	4,483.19
			Services Subtotal	3,988.09
			TAX	753.94
			<b>Total</b>	<b>9,225.22</b>

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OMNIA Partners (formerly U.S. Communities) IT Products, Services and Solutions Contract No. 4400006644

Insight Public Sector (IPS) is proud to be a contract holder for the OMNIA Partners Technology Products, Services & Solutions Contract.

This competitively solicited contract is available to participating agencies of OMNIA Partners. OMNIA Partners assists local and state government agencies, school districts (K-12), higher education, and nonprofits in reducing the cost of purchased goods by pooling the purchasing power of public agencies nationwide. This is an optional use program with no minimum volume requirements and no cost to agencies to participate.

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 100 S 3RD ST  
 MCCLEARY WA 98557-9652

Quotation	
Quotation Number :	<a href="#">0226149783</a>
Document Date :	06-APR-2023
PO Number :	
PO release:	
Sales Rep :	Damien Tran
Email :	<a href="mailto:DAMIEN.TRAN@INSIGHT.COM">DAMIEN.TRAN@INSIGHT.COM</a>
Telephone :	

**We deliver according to the following terms:**

Payment Terms : Credit Card  
 Ship Via : LTL/LTL  
 Terms of Delivery: : FOB DESTINATION  
 Currency : USD

Material	Material Description	Quantity	Unit Price	Extended Price
<a href="#">PARTNERCTO-HP</a>	PARTNERCTO FOR HP OPEN MARKET	1	47,909.06	47,909.06
	<i>Solution includes the following:</i>			
<a href="#">P28948-B21</a>	HPE ProLiant DL360 Gen10 Plus Network Choice - rack-mountable - no CPU - 0 GB - no HDD OPEN MARKET	2	2,101.69	4,203.38
<a href="#">P28948-B21#ABA</a>	HPE ProLiant DL360 Gen10 Plus Network Choice - rack-mountable - no CPU - 0 GB - no HDD OPEN MARKET	2	0.01	0.02
<a href="#">P36920-B21</a>	Intel Xeon Silver 4309Y / 2.8 GHz processor OPEN MARKET	4	637.29	2,549.16
<a href="#">P36920-B21#0D1</a>	Intel Xeon Silver 4309Y / 2.8 GHz processor OPEN MARKET	4	0.00	0.00
<a href="#">P06031-B21</a>	HPE SmartMemory - DDR4 - module - 16 GB - DIMM 288-pin - 3200 MHz / PC4-25600 - registered OPEN MARKET	8	575.31	4,602.48
<a href="#">P06031-B21#0D1</a>	HPE SmartMemory - DDR4 - module - 16 GB - DIMM 288-pin - 3200 MHz / PC4-25600 - registered OPEN MARKET	8	0.00	0.00
<a href="#">P26427-B21</a>	HPE 8SFF SAS/SATA 12G Basic Carrier Backplane Kit - backplane OPEN MARKET	2	119.46	238.92
<a href="#">P26427-B21#0D1</a>	HPE 8SFF SAS/SATA 12G Basic Carrier Backplane Kit - backplane OPEN MARKET	2	0.00	0.00
<a href="#">P53561-B21</a>	HPE - hard drive - Mission Critical - 600 GB - SAS 12Gb/s OPEN MARKET	4	418.41	1,673.64
<a href="#">P53561-B21#0D1</a>	FACTORY INTEGRATED OPEN MARKET	4	0.00	0.00
<a href="#">P26467-B21</a>	HPE Full Height Riser Kit - riser card OPEN MARKET	2	140.76	281.52



Material	Material Description	Quantity	Unit Price	Extended Pri
<a href="#">P26467-B21#0D1</a>	HPE Full Height Riser Kit - riser card OPEN MARKET	2	0.00	0.00
<a href="#">P51178-B21</a>	Broadcom BCM5719 - network adapter - PCIe 2.0 x4 - Gigabit Ethernet x 4 OPEN MARKET	2	313.16	626.32
<a href="#">P51178-B21#0D1</a>	HPE FACTORY INTEGRATED OPEN MARKET	2	0.00	0.00
<a href="#">QQL14A</a>	HPE StoreFabric SN1200E 16 Gb Dual Port - host bus adapter - Fibre Channel - 16Gb Fibre Channel x 2 OPEN MARKET	2	1,855.68	3,711.36
<a href="#">QQL14A#0D1</a>	HPE StoreFabric SN1200E 16 Gb Dual Port - host bus adapter - Fibre Channel - 16Gb Fibre Channel x 2 OPEN MARKET	2	0.00	0.00
<a href="#">P01366-B21</a>	HPE 96W Smart Storage - storage device battery - Li-Ion OPEN MARKET	2	130.44	260.88
<a href="#">P01366-B21#0D1</a>	HPE 96W Smart Storage - storage device battery OPEN MARKET	2	0.00	0.00
<a href="#">P26279-B21</a>	Broadcom MegaRAID MR416i-a - storage controller (RAID) - SATA 6Gb/s / SAS 12Gb/s / PCIe 4.0 (NVMe) - PCIe 4.0 x8 OPEN MARKET	2	1,484.42	2,968.84
<a href="#">P26279-B21#0D1</a>	Broadcom MegaRAID MR416i-a - storage controller (RAID) - tri-mode - SATA 6Gb/s / SAS 12Gb/s / PCIe 4.0 (NVMe) - PCIe 4.0 x8 OPEN MARKET	2	0.00	0.00
<a href="#">P08449-B21</a>	HPE I350-T4 - network adapter - OCP 3.0 - Gigabit Ethernet x 4 OPEN MARKET	2	618.56	1,237.12
<a href="#">P08449-B21#0D1</a>	HPE I350-T4 - network adapter - OCP 3.0 - Gigabit Ethernet x 4 OPEN MARKET	2	0.00	0.00
<a href="#">P37861-B21</a>	HPE Standard - system fan kit OPEN MARKET	2	70.39	140.78
<a href="#">P37861-B21#0D1</a>	HPE Standard - system fan kit OPEN MARKET	2	0.00	0.00
<a href="#">P38995-B21</a>	HPE Flex Slot Platinum - power supply - hot-plug - 800 Watt OPEN MARKET	4	338.34	1,353.36
<a href="#">P38995-B21#0D1</a>	HPE - power supply - hot-plug - 800 Watt OPEN MARKET	4	0.00	0.00
<a href="#">BD505A1</a>	HPE Integrated Lights-Out Advanced - license + 3 Years 24x7 Support - 1 server Coverage Dates: 06-APR-2023 - 06-APR-2026 OPEN MARKET	2	302.82	605.64
<a href="#">BD505A#0D1</a>	HPE Integrated Lights-Out Advanced - license + 3 Years 24x7 Support - 1 server OPEN MARKET	2	0.00	0.00
<a href="#">P55882-B21</a>	HPE SATA / SAS cable kit OPEN MARKET	2	111.06	222.12
<a href="#">P55882-B21#0D1</a>	FACTORY INTEGRATED OPEN MARKET	2	0.00	0.00

<a href="#">P13771-B21</a>	HPE - Trusted Platform Module 2.0 Gen10 Plus Rivets Kit	2	61.99	123.98
	OPEN MARKET			
<a href="#">P13771-B21#0D1</a>	HPE - Trusted Platform Module 2.0 Gen10 Plus Rivets Kit	2	0.00	0.00
	OPEN MARKET			
<a href="#">P14604-B21</a>	HPE Chassis Intrusion Detection Kit - intrusion detect option	2	42.62	85.24
	OPEN MARKET			
<a href="#">P14604-B21#0D1</a>	HPE Chassis Intrusion Detection Kit - intrusion detect option	2	0.00	0.00
	OPEN MARKET			
<a href="#">P07818-B21</a>	HPE DDR4 DIMM Blank Kit - blank panel	2	83.29	166.58
	OPEN MARKET			
<a href="#">P07818-B21#0D1</a>	HPE DDR4 DIMM Blank Kit - blank panel	2	0.00	0.00
	OPEN MARKET			
<a href="#">P26485-B21</a>	HPE Small Form Factor Easy Install Rail Kit - rack rail kit - 1U	2	138.18	276.36
	OPEN MARKET			
<a href="#">P26485-B21#0D1</a>	HPE Small Form Factor Easy Install Rail Kit - rack rail kit - 1U	2	0.00	0.00
	OPEN MARKET			
<a href="#">P37863-B21</a>	HPE Standard - processor heatsink	4	39.39	157.56
	OPEN MARKET			
<a href="#">P37863-B21#0D1</a>	HPE Standard - processor heatsink	4	0.00	0.00
	OPEN MARKET			
<a href="#">R0Q85B</a>	HPE Modular Smart Array 1060 16Gb Fibre Channel SFF Storage - hard drive array	1	7,126.06	7,126.06
	OPEN MARKET			
<a href="#">R0Q65A</a>	HPE Enterprise - hard drive - 7.2 TB - SAS 12Gb/s (pack of 6)	1	4,266.06	4,266.06
	OPEN MARKET			
<a href="#">R0Q65A#0D1</a>	HPE Enterprise - hard drive - 7.2 TB - SAS 12Gb/s - factory integrated (pack of 6)	1	0.00	0.00
	OPEN MARKET			
<a href="#">C8R24B</a>	HPE - SFP+ transceiver module - 16Gb Fibre Channel (SW)	1	1,266.99	1,266.99
	OPEN MARKET			
<a href="#">C8R24B#0D1</a>	HPE - SFP+ transceiver module - 16Gb Fibre Channel (SW)	1	0.00	0.00
	OPEN MARKET			
<a href="#">R2C33AAE</a>	HPE MSA Advanced Data Services Suite - license - 1 license	1	1,548.11	1,548.11
	OPEN MARKET			

<a href="#">P9K06A</a>	HPE 600mm x 1075mm G2 Kitted Advanced Shock Rack - rack - 36U	1	3,131.55	3,131.55
<a href="#">P9Q40A</a>	OPEN MARKET HPE G2 Basic Horizontal True 0U - power distribution unit - 4992 VA	2	265.39	530.78
<a href="#">BW932A</a>	OPEN MARKET HPE Rack Stabilizer Kit - rack	1	396.45	396.45
<a href="#">QK733A</a>	OPEN MARKET HPE PremierFlex - network cable - 2 m	4	96.48	385.92
<a href="#">HU4B2A3</a>	OPEN MARKET HPE Pointnext Tech Care Basic Service - extended service agreement - 3 years - on-site	1	0.00	0.00
<a href="#">HU4B2A3#ZSA</a>	OPEN MARKET HPE Pointnext Tech Care Basic Service - extended service agreement - 3 years - on-site	2	1,213.75	2,427.50
<a href="#">HU4B2A3#ZQC</a>	OPEN MARKET HPE Pointnext Tech Care Basic Service - technical support - for HPE Advanced Data Services Suite - 3 years Coverage Dates: 06-APR-2023 - 06-APR-2024	1	0.00	0.00
<a href="#">HU4B2A3#ZQD</a>	OPEN MARKET HPE Pointnext Tech Care Basic Service - extended service agreement - 3 years - on-site Coverage Dates: 06-APR-2023 - 06-APR-2024	1	1,344.38	1,344.38

Product Subtotal	45,481.56
Services Subtotal	2,427.50
TAX	4,263.91
<b>Total</b>	<b>52,172.97</b>

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Items 1-4 = 75,563.16