



Addendum

Addendum Number: 01

Addendum Date: August 29, 2022

Project Name: Pleasant Valley Elementary School – Technology Equipment

State Project #: 132-0093N

Written By: Kevin King, PE

The original Specifications and Drawings dated May 17, 2022 for the above noted project are amended as stated in this Addendum. Receipt of this Addendum shall be acknowledged by inserting its number in a blank space on the Bid Form.

AMENDMENTS TO PROJECT MANUAL

SECTION 117000 – TECHNOLOGY EQUIPMENT

- **REVISE** – Item AV-1A in equipment specification schedule per attached revised document.
- **REVISE** – Item AV-1B in equipment specification schedule per attached revised document.
- **REVISE** – Item AV-2A in equipment specification schedule per attached revised document.
- **REVISE** – Item AV-2B in equipment specification schedule per attached revised document.

Attachments:

- Equipment Specification Schedule

END OF ADDENDUM 01

**PLEASANT VALLEY ELEMENTARY SCHOOL
TECHNOLOGY EQUIPMENT SPECIFICATIONS
PROJECT # 132-0093N : 05/17/2022**

ITEM ID	MANUFACTURER	DESCRIPTION	MODEL NUMBER	COLOR (IF Applicable)	SIZE	QTY. ELIGIBLE	QTY. INELIGIBLE	PROCUREMENT	CT STATE CONTRACT #
AP-1A	HP/Aruba	Wireless Access Point AP-505 - Indoor, dual radio, 5GHz and 2.4GHz 802.11ax 2x2 MIMO. Speeds up to 1.49 Gbps.	R2H29A	White	6.3"W x 6.3"D x 1.4"H	91		SOLE SOURCE	
AP-1B	HP/Aruba	Universal Mounting Bracket for Aruba Wireless Access Devices. Compatible with HPE Aruba AP-504, AP-505, AP-514, AP-515, AP-534, AP-535, AP-555.	AP-MNT-B	Gray	N/A	97		SOLE SOURCE	
AP-1C	HP/Aruba	HPE Aruba Certified Installation, Mounting, Configuration, Setup and Final Connections onto Owner's Network	INSTALL	N/A	N/A	97		SOLE SOURCE	
AP-1D	HP/Aruba	HPE Aruba - License for Access Device + 1 Year ArubaCare Support	JW619AAE	N/A	N/A		97	SOLE SOURCE	
AP-1E	HP/Aruba	HPE Aruba - License for AirWave Remote Management	JW605AAE	N/A	N/A		97	SOLE SOURCE	
AP-1F	C2G	3-foot Yellow Cat.6 UTP Patch Cord	27191	Yellow	3 feet	97		BID	
AP-2A	HP/Aruba	Wireless Access Point AP-515 - Indoor, dual radio, 5GHz and 2.4GHz 802.11ax 2x2 MIMO. Speeds up to 2.69 Gbps.	RQ9H63A	White	6.3"W x 6.3"D x 1.4"H	6		SOLE SOURCE	
AP-3	HP/Aruba	Aruba 7210 Wireless LAN Controller - Rack-mountable - Firewall Throughput: 20 Gbps - Maximum Number Of Access Points: 512 - Concurrent Devices: 16384 Virtual Interfaces	JW744A	Black	1RU	1		SOLE SOURCE	
AP-4	Oberon	11 in. 11 in. Hi-Bar™ Plastic Wi-Fi Access Point Lock Box with Translucent Door	1015-C	Gray	11"W x 11"H x 4.4"D	6		SOLE SOURCE	
AP-5	Oberon	15.7 in. Low Profile NEMA-4X Plastic Wi-Fi Access Point Enclosure with Hinged Opaque Door - Outdoor Rated.	1024-00	Gray	12.4"W x 15.5"H x 4.8"D	5		SOLE SOURCE	
AP-6	Oberon	Pole mounting bracket kit for Oberon Skybar™ Model Series 1021, 1024, and 1026 indoor/outdoor NEMA enclosures.	39-POLE	Gray	11.25"L Bracket	1		SOLE SOURCE	
AV-1A	TouchView	86 INCH ULTRA INTERACTIVE PANEL. Installation shall be performed by a certified TouchView integrator, and shall include integration with FrontRow system installed during base construction. Provide with (1) 6ft HDMI and (1) 6ft USB-B patch cord for source inputs. Panel shall meet the following specifications:	ULTRA-86	Dark Gray	85"L x 53"W x 11"D	50		BID	REVISED VIA ADDENDUM 01

ITEM ID	MANUFACTURER	DESCRIPTION	MODEL NUMBER	COLOR (IF Applicable)	SIZE	QTY. ELIGIBLE	QTY. INELIGIBLE	PROCUREMENT	CT STATE CONTRACT #
		Resolution=4K 3840x2160 @ 60HZ; Brightness>=400cd/m2; Response time=8ms; Lifetime=30,000HR; 3x HDMI In (with ARC); 1x VGA In; 1x USB-C In; 1x LAN In with 10m/100m BASE-T RJ45 Interface; 2x USB 2.0 In; 2x USB 3.0 In; 1x PC Audio In; 1x RS232 In; 1x HDMI Out; 1x Optical Out; 1x Audio Out; 2.4/5GHZ Wi-fi.							
		2.1+ EDR/4.2/5.0 Bluetooth; Wall Mounting Bracket Included (or procured separately if providing equal); SmartNotebook compatible; Captive Touch; 20+ points of touch; Heat tempered Anti-Glare glass; 2x Pen and Finger; Windows 11/10 Multitouch; 2 integrated 5W speakers; 4GB RAM; 32GB ROM; Android 9.0 OS.							
AV-1B	Ockers	Ockers (or approved equal) certified installation for classroom/ 86" interactive touchscreen displays. Installation shall include, but not be limited to, mounting, cable connections, integration with FrontRow system (where applicable), programming, presets, setup, fine tuning, and Owner training and demonstrations.	INSTALL	N/A	N/A	50		BID	
AV-2A	TouchView	65 INCH ULTRA INTERACTIVE PANEL. Installation shall be performed by a certified TouchView integrator, and shall include integration with FrontRow system installed during base construction. Provide with (1) 6ft HDMI and (1) 6ft USB-B patch cord for source inputs. Panel shall meet the following specifications:	ULTRA-65	Dark Gray	66"L x 41"W x 11"D	11		BID	
		Resolution=4K 3840x2160 @ 60HZ; Brightness>=400cd/m2; Response time=8ms; Lifetime=30,000HR; 3x HDMI In (with ARC); 1x VGA In; 1x USB-C In; 1x LAN In with 10m/100m BASE-T RJ45 Interface; 2x USB 2.0 In; 2x USB 3.0 In; 1x PC Audio In; 1x RS232 In; 1x HDMI Out; 1x Optical Out; 1x Audio Out; 2.4/5GHZ Wi-fi.							

ITEM ID	MANUFACTURER	DESCRIPTION	MODEL NUMBER	COLOR (IF Applicable)	SIZE	QTY. ELIGIBLE	QTY. INELIGIBLE	PROCUREMENT	CT STATE CONTRACT #
		2.1+ EDR/4.2/5.0 Bluetooth; Wall Mounting Bracket Included (or procured separately if providing equal); SmartNotebook compatible; Captive Touch; 20+ points of touch; Heat tempered Anti-Glare glass; 2x Pen and Finger; Windows 11/10 Multitouch; 2 integrated 5W speakers; 4GB RAM; 32GB ROM; Android 9.0 OS.							
			REVISED VIA ADDENDUM 01						
AV-2B	Ockers	Ockers (or approved equal) certified installation for classroom/ 65" interactive touchscreen displays. Installation shall include, but not be limited to, mounting, cable connections, integration with FrontRow system (where applicable), programming, presets, setup, fine tuning, and Owner training and demonstrations.	INSTALL	N/A	N/A	11		BID	REVISED VIA ADDENDUM 01
AV-3A	Samsung	55 Inch LED Backlit LCD 4K Digital Signage Flatscreen Display	HG55NJ690YF	Black	48"L x 28"W x 2.4"D	5		STATE CONTRACT	19PSX0015
AV-3B	Peerless	SmartMount Universal Flat Wall Mount for 39" to 75" Digital Signage Displays	SF650P	Black	31"L x 17"W x 1.2"D	5		STATE CONTRACT	19PSX0015
AV-3C	Acer	Acer Chromebox CXi3 Digital Signage Media Player - Intel® Celeron® (3867U, 1.80 GHz, 2 MB) - Intel® HD Graphics 610 - 4 GB DDR4. Provide with (1) 6ft HDMI and (1) 6ft Cat.6 Patch Cord.	DT.Z17AA.001	Black	5.9"L x 5.8"W x 1.6"D	5		STATE CONTRACT	19PSX0015
AV-3D	Google	Google Chrome™ Management Console License for Educational Use. Access to Google's web-managed system for Chrome OS™. Perpetual License.	CROSSWDISGRT	N/A	N/A		5	STATE CONTRACT	19PSX0015
AV-3E	Ockers	Ockers certified installation for digital signage displays. Installation shall include, but not be limited to, mounting, cable connections, integration with building network, programming, presets, setup, fine tuning, and Owner training and demonstrations.	INSTALL	N/A	N/A	5		STATE CONTRACT	19PSX0015
AV-4A	Hewlett Packard	HP Z4 G4 Tower Workstation - Windows 11 Pro - Intel® Xeon® processor 3.6ghz; 16GB Memory, 512GB Solid State Drive, NVIDIA T600 4GB Graphics, USB Wired Keyboard, USB Wired Mouse, SD Card Reader.	35233367	Black	17.5"Lx6.65"Wx15.2"H		1	STATE CONTRACT	13PSX0280-MNNVP-133
AV-4B	Synco	Wireless-Lavalier-Microphone-System with 2 Transmitter/1 Receiver Kit, 50m Transmission Range Real-time Monitoring for Camera DSLR Camcorder Recorder PC	G2(A2)	Black	2"L x 1.6"W x 0.6"D		1	BID	

ITEM ID	MANUFACTURER	DESCRIPTION	MODEL NUMBER	COLOR (IF Applicable)	SIZE	QTY. ELIGIBLE	QTY. INELIGIBLE	PROCUREMENT	CT STATE CONTRACT #
AV-4C	Canon	VIXIA Portable Camcorder: 1920x1080p60 Video - Canon 3.28MP Full HD CMOS Sensor - DIGIC DV 4 Image Processor - Internal 16GB Flash Memory - 57x Advanced Zoom	HFR80	Black	2.3"L x 2.1"W x 4.6"D		1	BID	
AV-4D	Neewer	2-Pack Dimmable 5600K USB LED Video Light with Adjustable Tripod Stand and Color Filters for Tabletop/Low-Angle Shooting, Zoom/Video Conference Lighting	10095736	Gray	3.8ft H x 5.5"L x 3.8"W		1	BID	
AV-4E	Blackmagic	ATEM Mini 4-Channel Live Stream HDMI Switcher - Input/Output up to 1080p60 10-Bit 4:2:2 - 2-Channel Digital Audio Mixer HDMI Output, Ethernet ATEM Control - With Control Panel Software and Limited 1-Year Warranty	SWATEMMINI	Black	9.4"L x 4.1"W x 1.4"D		1	BID	
AV-4F	Jolican	81" Tripod, Aluminum Camera Tripod for DSLR, Compact Travel Tripod Monopod 360° Panorama Ball Head with 2 Quick Release Plates, 16.5" When Folded, 25 lbs Loads - Black	H80-BLACK	Black	81"H x 16.5"L x 2.5"W		1	BID	
AV-5	Epson	DC-13 Document Camera with 16x Digital Zoom and 1080p/HDMI Connectivity	V12H757020	White	17.6"L x 10.6"W x 12"H		50	SOLE SOURCE	
AV-6	Hewlett Packard	HP - Disk Drive - DVD-RW - USB - External For HP Probooks.	F2B56UT	Black	6"L x 5.5"W x 0.55"D		50	STATE CONTRACT	13PSX0280-MNNVP-133
AV-7A	C2G	35ft (10.7m) C2G Performance Series High Speed HDMI® Cable - 4K 30Hz In-Wall, CMG (FT4) Rated - Provide with HDMI Female Connector in 2-Gang Faceplate at Source End.	C2G10388	Black	35 foot	11		BID	
AV-7B	C2G	39.3ft (12m) USB 2.0 A/B Active Cable (Center Booster Format) (39.4ft) - Provide with USB-A 2.0 Female Connector in 2-Gang Faceplate at Source End.	C2G38998	Black	39 foot	11		BID	
AV-7C	Extron	30 FOOT SUPERSPEED 5GBPS USB-C 3.2 OPTICAL CABLE WITH 4K/30 VIDEO AND 60 W POWER DELIVERY- Provide with USB-C Female Connector in 2-Gang Faceplate at Source End.	26-741-30	Black	30 foot	11		BID	
CB-1	Hewlett Packard	HP Chromebook x360 11 G4 Education Edition - Flip Design- Intel Celeron N4500 - Chrome OS - UHD Graphics - 4GB RAM - 32GB eMMC - 11.6" IPS Touchscreen 1366 x 768 (HD) - Wi-Fi 6 - World-Facing Camera - 1-Year Warranty - White Glove Service Included	3V0G4UT#ABA	Black	11.6"W x 8.1"H		586	STATE CONTRACT	13PSX0280-MNNVP-133

ITEM ID	MANUFACTURER	DESCRIPTION	MODEL NUMBER	COLOR (IF Applicable)	SIZE	QTY. ELIGIBLE	QTY. INELIGIBLE	PROCUREMENT	CT STATE CONTRACT #
CH-1	Anywhere Cart	16-Port Charging Cart - Fixed in Casework - Compatible with Chromebooks and iPads - Internal Cable Management. Provide complete installation and mounting of cart within casework on site.	AC-COMP-16	Gray	24"W x 16.5"D x 14.5"H	88		SOLE SOURCE	
IP-1A	Apple	10.2-inch iPad Wi-Fi 64GB	MK2K3LL/A	Space Gray	9.8"W x 6.8"H		380	SOLE SOURCE	
IP-1B	MAX Cases	Extreme Folio-X Case for iPad 7/8/9 Easy-to-sanitize rugged protection	AP-EFX-IP9-BLK	Black	9.8"W x 6.8"H		380	SOLE SOURCE	
LAN-1	HP/Aruba	SFP (Mini-GBIC) Transceiver Module - LC Single Mode - Ethernet 1000Base-LX - 1 Gbps - Plug-in Module	J4859D	N/A	N/A	1		SOLE SOURCE	
LAN-2	HP/Aruba	SFP+ Transceiver Module - LC Multimode - Ethernet 10GBase-SR - 10 Gbps - Plug-in Module	J9150D	N/A	N/A	14		SOLE SOURCE	
LAN-3	HP/Aruba	HPE 5406R ZL2 Gigabit Ethernet Switch (Chassis) - Managed - Rack Mountable - POE+ Routing/switching capacity: 528 Gbps; Throughput: 392.9 Mbps - With (6) Expansion Slots, 4RU	J9821A	Gray	4RU	2		SOLE SOURCE	
LAN-4	HP/Aruba	HPE 5412R ZL2 Gigabit Ethernet Switch (Chassis) - Managed - Rack Mountable - POE+ Routing/switching capacity: 1 Tbps; Throughput: 392.9 Mbps - With (12) Expansion Slots, 7RU	J9822A	Gray	7RU	3		SOLE SOURCE	
LAN-5	HP/Aruba	HPE 1100W Power Supply for 5406R and 5412R Switches	J9829A#ABA	N/A	N/A	16		SOLE SOURCE	
LAN-6	HP/Aruba	Expansion Module for 5406R and 5412R Switches - 24 Port 10/100/1000BT POE+ V3 ZL2	J9986A	N/A	N/A	34		SOLE SOURCE	
LAN-7	HP/Aruba	Expansion Module for 5406R and 5412R Switches - 20 Port POE+ 4P SFP+ V3 ZL2 MOD	J9990A	N/A	N/A	6		SOLE SOURCE	
LAN-8	HP/Aruba	HPE 2930F 48G POE+ 4SFP+ Gigabit Ethernet Switch (48 Port) - Managed - Rack Mountable - 1RU	JL256A#ABA	Gray	1RU	4		SOLE SOURCE	
LAN-9	HP/Aruba	HPE Direct Attach Copper Cable - 10GBase Direct - 3.3 Feet - SFP+ Connectors	J9281D	Orange	3.3 feet	2		SOLE SOURCE	
LAN-10	APC	Netbotz 750 Rack-Mounted Environmental Monitoring System. Provide with Door Sensor and wiring to rack.	NBRK0750	Black	1RU	4		STATE CONTRACT	MERCURY (TBD)
PC-1A	Hewlett Packard	HP ProBook 450 G9 Notebook PC - Windows 11 Pro - 11th Generation Intel® Core™ i5 processor - 16 GB memory; 512 GB NVMe SSD - 15.6" diagonal HD display - 1 year limited warranty. Provide with (1) 6ft HDMI and (1) 6ft USB-B patch cords.	4D3X6AV_MB	Silver	14"L x 9.2"W x 0.8"D		68	STATE CONTRACT	13PSX0280-MNNVP-133

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PC-1B	Hewlett Packard	G5 Docking Station Compatible with HP Laptops: Front: 1 USB-C® port with data and power out (15W); Side: 2 USB 3.0 charging ports; 1 combo audio jack Back: 2 USB 3.0 charging ports; 2 DisplayPort™ ports; 1 RJ45 port; 1 HDMI 2.0 port; 1 standard lock slot	5TW10UT#ABA	Black	4.8"L x 4.8"W x 2"D		79	STATE CONTRACT	13PSX0280-MNNVP-133
PC-1C	Hewlett Packard	E24 G4 FHD Monitor with IPS display, 23.8" diagonal, 16:9 aspect ratio, 1920x1080 resolution, provided with HDMI, USB and AC power cables.	9VF99AA#ABA	Black	21"L x 12"W x 1.3"D		79	STATE CONTRACT	13PSX0280-MNNVP-133
PC-1D	Hewlett Packard	HP Renew Business 15.6-inch Laptop Bag - 2 Compartments - 3 External Pockets - 8 Internal Pockets - Water Resistant	3E5F8UT	Black	15"L x 11.4"W x 2.6"D		68	STATE CONTRACT	13PSX0280-MNNVP-133
PC-1E	Hewlett Packard	Wireless Mouse and Keyboard Bundle. Uses 2.4GHZ wireless communication, 2x AAA batteries and 1x AA battery included.	1Y4D0AA#ABA	Black	17.3"L x 5.76"W x 1"D		79	STATE CONTRACT	13PSX0280-MNNVP-133
PH-1	Poly	Poly VVX 350 Desk Mouted Business IP Phone Handset for Classrooms and Offices - Provide with (1) 10 ft Cat.6 Patch Cord	2200-48830-025	Dark Gray	9.2"W x 10.3"H x 2.5"D	65		SOLE SOURCE	
PH-2	Poly	Poly VVX 350 Business IP Phone Handset with Wall Mounting Kit for Workrooms - Provide with (1) 3 ft Cat.6 Patch Cord	2200-48830-025+ 2200-48833-004	Dark Gray	9.2"W x 10.3"H x 2.5"D	16		SOLE SOURCE	
PH-3	Poly	Poly RealPresence Trio 8800 Open SIP Conference Phone. Provide with (1) 25 ft Cat.6 Patch Cord	2200-66070-025	Dark Gray	15"W x 13"L x 2.9"D	2		SOLE SOURCE	
PH-4	Poly	Poly VVX 450 Desk Mouted Business IP Phone Handset for Administrative Use - Provide with (1) 10 ft Cat.6 Patch Cord	2200-48840-025	Dark Gray	9.5"W x 10"H x 2.2"D	9		SOLE SOURCE	
PH-5	Algo	G2 SIP Audio Alerter - PoE IEEE 802.3af - With Microphone and Blue Indicator Light	8180	White	7"L x 4"W x 2.6"D	2		SOLE SOURCE	
PH-6	New Horizon Communications	Managed Installation Service of VOIP System	INSTALL	N/A	N/A	1		SOLE SOURCE	
PR-1	Hewlett Packard	Heavy Duty Color Printer - HP Color LaserJet Enterprise M555dn - Up to 40 ppm Print Speed - 110-sheet Multipurpose Tray and 550-sheet input tray	7ZU78A#BGJ	White	18.9"L x 18"W x 15"H	4		STATE CONTRACT	13PSX0280-MNNVP-133
PR-2	Hewlett Packard	Light Duty Color Printer - HP Color LaserJet Pro M454dn - Up to 28 ppm Print Speed - 50-sheet Multipurpose Tray and 250-sheet input tray	W1Y44A#BGJ	White	18.5"L x 16.2"W x 12"H	2		STATE CONTRACT	13PSX0280-MNNVP-133
PR-3	Hewlett Packard	Medium Duty B&W Printer - HP LaserJet Enterprise M404nn Printer - Up to 40 ppm Print Speed - 100-sheet Multipurpose Tray and 250-sheet input tray	W1A53A#BGJ	White	15"L x 14"W x 8.5"H	4		STATE CONTRACT	13PSX0280-MNNVP-133

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PR-4	Hewlett Packard	Network MFD - Copier/Scanner/Fax/Printer - HP Color LaserJet Pro M479fdw MFP - Up to 28 ppm Print Speed - 50-sheet Multipurpose Tray and 250-sheet input tray	W1A80A#BGJ	White	18.6"L x 16"W x 16"H	1		STATE CONTRACT	13PSX0280-MNNVP-133
PR-5	Hewlett Packard	HP DesignJet T630 - 24-inch Large Format Printer. Up to 2400x1200 Optimized DPI.	5HB09A#B1K	Black	52"L x 24"W x 37"H	1		STATE CONTRACT	13PSX0280-MNNVP-133
PR-6	3PI Tech Solutions	Dremel DigiLab 3D40-FLX 3D Printer - Build Volume (11 x 6 x 6.7in) - Layer Resolution 50-340 - Touchscreen Size 3.5in full color ips	3D40-FLX	Silver	20.2"L x 16"W x 15.5"H	1		SOLE SOURCE	
SVR-1	Hewlett Packard	HPE Proliant DL380 Gen10 Performance Model Server - Consisting of the components listed below. Contractor is required to provide a complete and operational server, including installation onto Owner's network.	41223766	Gray	2RU	1		STATE CONTRACT	13PSX0280-MNNVP-134
		1x P05172-B21#ABA : HPE DL380 Gen10 ICX CTO Mod-X 8SFF Server Chassis							
		2x P36927-B21#0D1 : Intel Xeon-Gold 6330 2.0GHz 28-core 205W Processor for HPE							
		2x P06033-B21#0D1 : HPE 32GB (1x32GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit							
		2x P40502-B21#0D1 : HPE 480GB SATA 6G Mixed Use SFF BC Multi Vendor SSD							
		1x P37038-B21 : HPE ProLiant DL380 Gen10 Plus x8/x16/x8 Primary FIO Riser Kit							
		1x P06367-B21#0D1 : Broadcom MegaRAID MR416i-p x16 Lanes 4GB Cache NVMe/SAS12G Controller for HPE Gen10 Plus							
		1x P02377-B21#0D1 : HPE Smart Storage Hybrid Capacitor with 145mm Cable Kit							
		1x P08449-B21#0D1 : Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE							
		1x P37042-B21#0D1 : HPE ProLiant DL300 Gen10 Plus 2U Standard Fan Kit							
		2x P38995-B21#0D1 : HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit							
		2x AF556A#0D1 : HPE C13 - Nema 5-15P US/CA 110V 10Amp 1.83m Power Cord							
		1x 786092-B21#0D1 : HPE DL380 SFF Smart Array HBA H200/P400 Series SAS Cable Kit							
		2x P27095-B21#0D1 : HPE ProLiant DL380 Gen10 Plus High Performance Heat Sink Kit							

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UPS-1	APC	Uninterruptible Power Supply - Line Interactive, 2200VA, Rackmount 2U, 120V, 6x NEMA 5-15R+2x NEMA 5-20R outlets, SmartSlot, AVR, LCD	SMT2200RM2U	Gray	2RU	8		STATE CONTRACT	MERCURY (TBD)
UPS-2	APC	Uninterruptible Power Supply Network Management Card - Communication at 1 Gbps (Gigabit per second) over Network. Capable of operating on a network using IPv6 protocol	AP9640	N/A	N/A	8		STATE CONTRACT	MERCURY (TBD)
VO-1	Ubiquiti	UniFi Security Gateway - (2) Gigabit RJ45 Ethernet Ports - (2) Gigabit Combination RJ45/SFP Ports - 4 Gbps Full Line Rate Layer 3 Forwarding - 1+ Million Packets per Second for 64-Byte Packets - Integrated and Managed by UniFi Application - INCLUDED AS PART OF VOICE SYSTEM OVERLAY SERVICES (NON-PERPETUAL LICENSE)	USG-PRO-4	Gray	1RU		1	SOLE SOURCE	
VO-2	Ubiquiti	UniFi 48-Port Voice System Switch - (40) GbE, 802.3at PoE+ RJ45 ports - (8) GbE, 802.3bt PoE++ RJ45 ports - (4) 10G SFP+ ports (1) USP RPS DC input - 600W total PoE supply - INCLUDED AS PART OF VOICE SYSTEM OVERLAY SERVICES (NON-PERPETUAL LICENSE)	USW-PRO-48-POE	Gray	1RU		2	SOLE SOURCE	
VO-3	Ubiquiti	UniFi 16-Port Voice System Switch - (8) GbE, 802.3at PoE+ RJ45 ports - (8) GbE RJ45 ports - (2) 1G SFP ports - 42W total PoE supply - INCLUDED AS PART OF VOICE SYSTEM OVERLAY SERVICES (NON-PERPETUAL LICENSE)	USW-16-POE	Gray	1RU		1	SOLE SOURCE	
VO-4	New Horizon Communications	Overhead Paging Zone - Part of newVoice IP Unified Communications as a Service offering from NHC. (NON-PERPETUAL LICENSE)	UCAAS PRO	N/A	N/A		2	SOLE SOURCE	
VO-5	New Horizon Communications	Enhanced 911 Direct Inward Dialing - Part of newVoice IP Unified Communications as a Service offering from NHC. (NON-PERPETUAL LICENSE)	UCAAS PRO	N/A	N/A		1	SOLE SOURCE	
VO-6	New Horizon Communications	Premium Seat with Unlimited Calling, Online Management, Call Manager, Intercom, Call Park, Group Participation, Line State Monitoring, Video Collaboration Support, Outlook Integration and other Premium Features - Part of newVoice IP Unified Communications as a Service offering from NHC. (NON-PERPETUAL LICENSE)	UCAAS PRO	N/A	N/A		76	SOLE SOURCE	

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VO-7	New Horizon Communications	Standard Voicemail Feature - Part of newVoice IP Unified Communications as a Service offering from NHC. (NON-PERPETUAL LICENSE)	UCAAS PRO	N/A	N/A		74	SOLE SOURCE	
VO-8	New Horizon Communications	Enhanced 911 Direct Inward Dialing (Per Seat Service) - Part of newVoice IP Unified Communications as a Service offering from NHC. (NON-PERPETUAL LICENSE)	UCAAS PRO	N/A	N/A		76	SOLE SOURCE	