

<b>Evaluator</b>	<b>Central Technologies</b>	<b>Technology Express/SOS Computers</b>
<b>Stewart Hicks</b>	<b>98</b>	<b>82</b>
<b>David Beets</b>	<b>98</b>	<b>83</b>
<b>Jimmy Wells</b>	<b>100</b>	<b>75</b>
<b>Total</b>	<b>296</b>	<b>240</b>
<b>Average</b>	<b>98.67</b>	<b>80</b>

Bid: 4934	<b>SOS Computers Technology Express</b>	<b>Central Technologies, Inc</b>
Bid Title: School District Chromebooks and Peripheral Technology	<b>1700 Oak Hills Drive</b> <b>Kingston, TN 37769</b>	<b>6101 Industrial Heights Drive NW</b> <b>Knoxville, TN 37909</b>
Bid Opening: Friday, 4/5/2019, at 2:30 p.m.	<b>Darcy Fox @800-209-1256</b>	<b>Larry D. Carswell @865-566-0230</b>

**Chromebooks**

## 1. Minimum Specifications. Class 1

Intel N3060 processor

4 GB Ram

16 GB SSD Storage

HD IPS 16:9 Touchscreen display 2:1 non clamshell with 11.6"

3 Yr. Warranty

"Such As" Dell 3189 Education 2in1

<b>Price</b>	<b>Quantity: 1-499</b>	<b>\$369.00</b>	<b>\$309.00</b>
<b>Price</b>	<b>Quantity: 500+</b>	<b>\$359.00</b>	<b>\$299.00</b>

## 2. Minimum Specifications. Class 2

Intel N3060 processor

4 GB Ram

32 GB SSD Storage

HD IPS 16:9 Touchscreen display 2:1 non clamshell with 11.6"

3 Yr. Warranty

"Such As" Dell 3189 Education 2in1

<b>Price</b>	<b>Quantity: 1-499</b>	<b>\$369.00</b>	<b>\$318.00</b>
<b>Price</b>	<b>Quantity: 500+</b>	<b>\$359.00</b>	<b>\$315.00</b>

## 3. Minimum Specifications. Class 3

Intel N3350 processor

4 GB Ram

32 GB Storage Drive

HD 16:9 Touchscreen display 2:1 non clamshell with 11.6"

3 Yr. Warranty

"Such As" Dell 5190 Education 2in1

<b>Price</b>	<b>Quantity: 1-499</b>	<b>\$439.00</b>	<b>\$356.00</b>
<b>Price</b>	<b>Quantity: 500+</b>	<b>\$428.00</b>	<b>\$345.00</b>

**Chromebook Management Software**

## 1. Google Management Software license per device:

<b>Price</b>	<b>\$27.00</b>	<b>\$25.00</b>
--------------	----------------	----------------

## 2. GoGuardian Fleet Admin: or "Like Kind" Software

<b>Price</b>	<b>\$9.99</b>	<b>\$5.58</b>
--------------	---------------	---------------

## 3. GoGuardian Student: or "Like Kind" Software

<b>Price</b>	<b>\$9.99</b>	<b>NB</b>
--------------	---------------	-----------

## 4. GoGuardian Teacher: or "Like Kind" Software

<b>Price</b>	<b>\$9.99</b>	<b>\$4.21</b>
--------------	---------------	---------------

## 5. Go Guardian Lifetime Warranty Bundle: Admin, Student and Teacher listed software products: or "Like Kind" Software. Software shall be for the functional lifetime of the device.

<b>Price</b>	<b>NB</b>	<b>\$9.00</b>
--------------	-----------	---------------

Bid: 4934	SOS Computers Technology Express	Central Technologies, Inc
6. Securely Lifetime Warranty Bundle: Admin, Student and Teacher listed software products: or "Like Kind" Software. Software shall be for the functional lifetime of the device.		
	<b>Price</b>	<b>NB</b>
		<b>\$10.00</b>
<b>Chromebook Cases</b>		
1. Molded snap on style protective case. "Such as" Rugged Protection Custom Molded Clip on Case		
	<b>Price</b>	<b>\$39.00</b>
		<b>\$20.00</b>
2. Molded snap on style protective case. Mil Spec Drop Rated. "Such As" GumDrop Case		
	<b>Price</b>	<b>\$39.00</b>
		<b>\$29.00</b>
<b>Chromebook Cart</b>		
1. 14.1" Screen 36 Device Charging Cart CHGCT36-1N (Assembled)		
	<b>Price</b>	<b>\$1,489.00</b>
		<b>\$780.00</b>
<b>Chromebook Parts</b>		
<b>Screens</b>		
1. Touchscreen LCD Assembly. Includes screen, front glass, digitizer and hinges for Dell 3120 Touchscreen Chromebook.		
	<b>Price</b>	<b>\$189.00</b>
		<b>\$135.00</b>
2. Touchscreen LCD Assembly. Includes screen, front glass, digitizer and hinges for Lenovo N23 Yoga Touchscreen Chromebook.		
	<b>Price</b>	<b>\$199.00</b>
		<b>\$185.00</b>
3. Touchscreen LCD Assembly. Includes screen, front glass, digitizer and hinges for Dell 3189 Touchscreen Chromebook.		
	<b>Price</b>	<b>\$189.00</b>
		<b>\$180.00</b>
4. Touchscreen LCD Assembly. Includes screen, front glass, digitizer and hinges for Class 1 device in previous bid section.		
	<b>Price</b>	<b>\$189.00</b>
		<b>\$180.00</b>
5. Touchscreen LCD Assembly. Includes screen, front glass, digitizer and hinges for Class 2 device in previous bid section.		
	<b>Price</b>	<b>\$189.00</b>
		<b>\$180.00</b>
6. Touchscreen LCD Assembly. Includes screen, front glass, digitizer and hinges for Class 3 device in previous bid section.		
	<b>Price</b>	<b>\$189.00</b>
		<b>\$120.00</b>
<b>Chargers</b>		
1. Charger/power adaptor for Dell 3120 Touchscreen Chromebook.		
	<b>Price</b>	<b>\$29.00</b>
		<b>\$29.00</b>
2. Charger/power adaptor for Lenovo N23 Yoga Touchscreen Chromebook.		
	<b>Price</b>	<b>\$29.00</b>
		<b>\$39.00</b>
3. Charger/power adaptor for Dell 3189 Touchscreen Chromebook.		
	<b>Price</b>	<b>\$29.00</b>
		<b>\$29.00</b>
4. Charger/power adaptor for Class 1 device in previous bid section.		
	<b>Price</b>	<b>\$29.00</b>
		<b>\$39.00</b>

Bid: 4934	SOS Computers Technology Express	Central Technologies, Inc	
5. Charger/power adaptor for Class 2 device in previous bid section	Price	\$29.00	\$39.00
6. Charger/power adaptor for Class 3 device in previous bid section.	Price	\$49.00	\$39.00
<b>Daughter Boards</b>			
1. Power button daughter board for Lenovo N23 Yoga Touchscreen Chromebook.	Price	\$29.00	\$30.00
2. Audio daughter board for Lenovo N23 Yoga Touchscreen Chromebook.	Price	\$29.00	\$25.00
3. Audio daughter board for Dell 3120 Touchscreen Chromebook.	Price	\$29.00	\$35.00
4. Audio daughter board for Dell 3189 Touchscreen Chromebook	Price	\$29.00	\$25.00
5. Audio daughter board for Class 1 device in previous bid section.	Price	\$29.00	\$35.00
6. Audio daughter board for Class 2 device in previous bid section.	Price	\$32.99	\$35.00
7. Audio daughter board for Class 3 device in previous bid section	Price	\$39.00	\$35.00
<b>Tiny Computers</b>			
1. Minimum: 1.7 GHz Intel Core i5-8400T 6-Core Windows 10 Pro 64 Bit 8GB DDR4 RAM Intel UHD Graphics 630 GPU 256GB M.2 Storage 2 x USB Type-A (USB 3.1 Gen 1) 2 X USB Type-A (USB 3.1 Gen 2) 1 x USB 3.1 Gen 1 1 x DisplayPort 1 x HDMI 1 x 1/8" / 3.5 mm Headphone/Microphone Input/Output 1 x RJ45 (Gigabit) Wi-Fi 5 (802.11ac); Dual-Band (2.4 & 5 GHz) "Such As" Lenovo M720 Tiny	Price	\$769.00	\$538.00
<b>Optional Upgrades:</b>			
A. Microsoft Office 2016 Professional		\$74.99	\$69.00
B. 512 GB M.2 Storage		\$109.99	\$55.00
C. 1 TB M.2 Storage		\$132.99	\$141.00
D. USB DVD/CDRW		\$42.99	\$35.00
E. Tiny VESA Mount		\$19.99	\$15.00

Bid: 4934 SOS Computers Technology Express Central Technologies, Inc

2. Minimum:

- 2.4 GHz Intel Core i7-8700T 6-Core
- Windows 10 Pro 64 Bit
- 16GB DDR4 RAM
- NVIDIA Quadro P620 with 2GB GDDR5 VRAM GPU
- 512GB M.2 Storage
- 2 x USB Type-A (USB 3.1 Gen 1)
- 3 X USB Type-A (USB 3.1 Gen 2)
- 1 x USB Type-C Port
- 1 x DisplayPort
- 1 x HDMI
- 4 x Mini Displayport
- 1 x 1/8" / 3.5 mm Headphone/Microphone Input/Output
- 1 x RJ45 (Gigabit)
- Wi-Fi 5 (802.11ac); Dual-Band (2.4 & 5 GHz)
- "Such As" Lenovo P330 Tiny

**Price** **\$1,269.00** **\$1,090.00**

**Optional Upgrades:**

<b>A. Microsoft Office 2016 Professional</b>	<b>\$74.99</b>	<b>\$69.00</b>
<b>B. 512 GB M.2 Storage</b>	<b>\$109.99</b>	<b>NB</b>
<b>C. 1 TB M.2 Storage</b>	<b>\$132.99</b>	<b>\$175.00</b>
<b>D. USB DVD/CDRW</b>	<b>\$42.99</b>	<b>\$35.00</b>
<b>E. Tiny VESA Mount</b>	<b>\$19.99</b>	<b>\$15.00</b>

3. Minimum:

- 3.5 GHz Intel E-2134 Quad-Core
- Windows 10 Pro 64 Bit
- 16GB 2666 MHz DDR4 RAM
- NVIDIA Quadro P1000 with 4GB GDDR5 VRAM GPU
- 512GB M.2 Storage
- 2 x USB Type-A (USB 2.0)
- 2 X USB Type-A (USB 3.1 Gen 2)
- 4 x USB Type-A (USB 3.1 Gen 1)
- 1 x USB Type-C
- 2 x DisplayPort
- 4 x Mini Displayport
- 1 x 1/8" / 3.5 mm Headphone/Microphone Input/Output
- 1 x 1/8" / 3.5 mm line Output
- 1 x 1/8" / 3.5 mm Microphone Input
- 1 x RJ45 (Gigabit)
- Wi-Fi 5 (802.11ac); Dual-Band (2.4 & 5 GHz)
- "Such As" Lenovo P330 SFF

**Price** **\$1,269.00** **\$1,234.00**

**Optional Upgrades:**

<b>A. Microsoft Office 2016 Professional</b>	<b>\$74.99</b>	<b>\$69.00</b>
<b>B. 512 GB M.2 Storage</b>	<b>\$109.99</b>	<b>NB</b>
<b>C. 1 TB M.2 Storage</b>	<b>\$132.99</b>	<b>\$102.00</b>
<b>D. USB DVD/CDRW</b>	<b>\$42.99</b>	<b>\$35.00</b>

Bid: 4934	SOS Computers Technology Express	Central Technologies, Inc
E. Tiny VESA Mount	\$19.99	NB
<b>Laptops</b>		
1. Business Class 1: Minimum:		
Display 14" HD, Anti-Glare		
Intel Core i3-8145U Processor 2.10GHz		
Windows 10 Pro 64 Bit		
8GB (4GB + 4GB) DDR4 RAM		
Integrated Intel UHD 620 Graphics		
256GB M.2 Storage		
Intel Wireless-AC 9260 802.11AC (2x2) & Bluetooth 5.0		
"Such As" Lenovo E490		
	<b>Price</b>	
	\$729.00	\$617.00
<b>Optional Upgrades:</b>		
A. Microsoft Office 2016 Professional	\$74.99	\$69.00
B. 512 GB M.2 Storage	\$109.99	\$50.00
C. 1 TB M.2 Storage	\$132.99	\$230.00
D. USB DVD/CDRW	\$42.99	\$35.00
2. Business Class 2: Minimum:		
Display 15.6" FHD, IPS Anti-Glare		
Intel Core i7-8550U Processor 1.80GHz		
Windows 10 Pro 64 Bit		
8GB (4GB + 4GB) DDR4 RAM		
Integrated Intel UHD 620 Graphics		
256GB M.2 Storage		
Intel Wireless-AC 9260 802.11AC (2x2) & Bluetooth 4.1		
"Such As" Lenovo E580		
	<b>Price</b>	
	\$909.00	\$856.00
<b>Optional Upgrades:</b>		
A. Microsoft Office 2016 Professional	\$74.99	\$69.00
B. 512 GB M.2 Storage	\$109.99	\$50.00
C. 1 TB M.2 Storage	\$132.99	\$230.00
D. USB DVD/CDRW	\$42.99	\$35.00
3. Business Class 3: Minimum:		
Display 15.6" FHD, IPS Anti-Glare		
Intel Core i7-8750H 6 Core Processor 2.20GHz		
Windows 10 Pro 64 Bit		
16GB (8GB + 8GB) DDR4 RAM		
NVIDIA GeForce GTX 1060 6GB Graphics		
512GB M.2 Storage		
Intel Wireless-AC 9260 802.11AC (2x2) & Bluetooth 4.2		
"Such As" Lenovo Legion Y530		
	<b>Price</b>	
	\$1,099.00	\$1,126.00
<b>Optional Upgrades:</b>		
A. Microsoft Office 2016 Professional	\$74.99	\$69.00
B. 512 GB M.2 Storage	\$109.99	NB
C. 1 TB M.2 Storage	\$132.99	\$230.00
D. USB DVD/CDRW	\$42.99	\$35.00

Bid: 4934	<b>SOS Computers Technology Express</b>	<b>Central Technologies, Inc</b>
<b>4. Business Class 4: Minimum:</b>		
Display 17.3" FHD NVIDIA G-SYNC Dolby Vision HDR		
Intel Core i7-8750H 6 Core Processor 2.20GHz		
Windows 10 Pro 64 Bit		
16GB (8GB + 8GB) DDR4 RAM		
NVIDIA GeForce RTX 2070 Max-Q 8GB		
512GB M.2 Storage		
Intel Wireless-AC 802.11AC (2x2) + Bluetooth 4.1		
"Such As" Lenovo Legion Y740		
	<b>Price</b>	<b>\$1,099.00</b>
		<b>\$2,337.00</b>
<b>Optional Upgrades:</b>		
<b>A. Microsoft Office 2016 Professional</b>	<b>\$74.99</b>	<b>\$69.00</b>
<b>B. 512 GB M.2 Storage</b>	<b>\$109.99</b>	<b>NB</b>
<b>C. 1 TB M.2 Storage</b>	<b>\$132.99</b>	<b>\$230.00</b>
<b>D. USB DVD/CDRW</b>	<b>\$42.99</b>	<b>\$35.00</b>
<b>Chromebox</b>		
1. Minimum:		
Chrome OS		
8th Gen Intel Celeron 3865U Processor		
4GB RAM DDR4		
32GB M.2 Storage		
2 x Display Option Ports		
"Such As" Asus Chromebox 3 - N017U		
	<b>Price</b>	<b>\$259.99</b>
		<b>\$237.27</b>
<b>Optional Upgrades:</b>		
<b>Google Management Software license per device</b>	<b>\$27.00</b>	<b>\$25.00</b>
<b>Chromebit</b>		
1. Minimum:		
Chrome OS		
RK3288C Processor		
2GB RAM DDR3		
16GB eMMC Storage		
"Such As" Asus Chromebit (CS10)		
	<b>Price</b>	<b>\$94.99</b>
		<b>\$89.00</b>
<b>Optional Upgrades:</b>		
<b>Google Management Software license per device</b>	<b>\$27.00</b>	<b>\$25.00</b>
<b>Tablets</b>		
1. Minimum:		
Chrome OS		
9.7" Multi-Touch Screen		
1.6 GHz Hexa-Core (Dual ARM Cortex-A72)		
4GB RAM LPDDR3		
32GB eMMC Storage		
2 MP Front Camera		
5 MP Rear Camera		
"Such As" Asus Chrome Tablet CT100PA		
	<b>Price</b>	<b>\$349.00</b>
		<b>\$328.00</b>

Bid: 4934	SOS Computers Technology Express	Central Technologies, Inc
<b>Optional Upgrades:</b>		
Google Management Software license per device	\$27.00	\$25.00
2. Minimum:		
Chrome OS		
9.7" IPS LCD Touchscreen		
2 GHz ARM Cortex-A72		
4GB RAM LPDDR3		
32GB eMMC Storage		
2 MP Front Camera		
5 MP Rear Camera		
"Such As" Acer Chrome Tablet 10		
Price	\$369.00	\$325.00
<b>Optional Upgrades:</b>		
Google Management Software license per device	\$27.00	\$25.00
<b>Security System &amp; Cameras</b>		
1. Appliance - Minimum:		
Avigilon VMA-AS3-16P		
16 Port POE with 16 Enterprise License : Minimum 12 TB of storage		
Price	NB	\$8,008.00
2. Appliance - Minimum:		
Avigilon VMA-AS3-16P		
24 Port POE with 24 Enterprise License : Minimum 12 TB of storage		
Price	NB	\$10,684.00
3. Security Camera Indoor - Minimum:		
Avigilon 3.0C-H4A-D1-IR(-B) with mount		
Price	NB	\$654.90
4. Security Camera Outdoor - Minimum		
Avigilon 3.0C-H4A-DP1-IR(-B) with Mount (H4A-MT-WALL1)		
Price	NB	\$765.90
5. Security Camera Indoor/Outdoor - Minimum		
Avigilon 12.0-H4F-DO1-IR Fisheye 12MP with mount		
Price	NB	\$893.00
6. Additional Enterprise License for Camera Channels		
A. Up to 1 Camera Channels	NB	\$247.90
B. Up to 4 Camera Channels	NB	\$854.70
C. Up to 8 Camera Channels	NB	\$1,694.60
<b>Projectors &amp; Interactive Panels</b>		
<b>Projector and Panel Minimum Specs:</b>		
1. Brightlink 685wi Interactive Projector (with bulbs for life)		
Price	\$1,489.00	\$1,595.00
2. Minimum: Casio XJ-F10X		
Price	\$849.00	\$730.00
3. Minimum: Casio XJ-F100W		
Price	\$639.80	\$574.00
4. Atdec TELEHOOK PROJECTOR CEILING		

Bid: 4934	<b>SOS Computers Technology Express</b>	<b>Central Technologies, Inc</b>
FLUSH MOUNT White TH-WH-PJ-FM		
	<b>Price</b>	<b>\$49.59</b>
		<b>\$69.00</b>
5. Boxlight Panel Min: ProColor 752U 75" Interactive Panel		
	<b>Price</b>	<b>\$2,995.98</b>
		<b>\$2,895.00</b>
6. Manual Cart for Boxlight Panel		
	<b>Price</b>	<b>\$699.00</b>
		<b>\$549.00</b>
7. Automatic Cart for Boxlight Panel:		
	<b>Price</b>	<b>\$1,499.00</b>
		<b>\$1,499.00</b>
<b>Network Switches</b>		
1. Unifi 16 Port POE Switch 150W		
	<b>Price</b>	<b>\$299.00</b>
		<b>\$272.00</b>
2. Unifi 24 Port POE Switch 500W		
	<b>Price</b>	<b>\$579.00</b>
		<b>\$502.00</b>
3. Unifi 48 Port POE Switch 750W		
	<b>Price</b>	<b>\$939.00</b>
		<b>\$894.00</b>
<b>Wireless AP's</b>		
1. Unifi AP AC Pro		
	<b>Price</b>	<b>\$149.00</b>
		<b>\$130.00</b>
2. Unifi AP HD		
	<b>Price</b>	<b>\$329.00</b>
		<b>\$284.00</b>
<b>3D Printers</b>		
Minimum Specs		
1. Dremel 3D45		
	<b>Price</b>	<b>\$1,349.00</b>
		<b>\$1,626.00</b>
<b>Installs</b>		
Cabling Kit must include at a min: hdmi cable, display cable, wall moulding, wall box in sufficient length to support install.		
1. Projector/Panel Install with mount - no cabling kit		
	<b>Price</b>	<b>\$249.00</b>
		<b>\$200.00</b>
2. Projector/Panel Install with mount - and cabling kit		
	<b>Price</b>	<b>\$349.00</b>
		<b>\$400.00</b>
3. Projector/Panel move - with cabling kit		
	<b>Price</b>	<b>\$249.00</b>
		<b>\$450.00</b>
4. Projector/Panel move - no cabling kit		
	<b>Price</b>	<b>\$180.00</b>
		<b>\$250.00</b>
<b>COMPUTER / CAMERA / NETWORK CABLING INSTALLATION</b>		
Low voltage cabling and installation		
	<b>Hourly Rate Price</b>	<b>\$350.00</b>
		<b>\$45.00</b>
<b>Catalog Pricing</b>		
Web Address	<a href="http://www.techexpress.com">www.techexpress.com</a>	<a href="http://www.centralinc.com/anderson">www.centralinc.com/anderson</a>
Percentage Discount off of website pricing	10%	1% to 5% "See Attached"