



EAST LAKE COMMUNITY LIBRARY MSTU FUNDING REQUEST – FY'21

TITLE OF PROJECT: TECHNOLOGY REFRESH AND TECH DECK

SUMMARY OF EXPENSES

Item	Qty.	Vendor	Unit Price	Description	Total Price
HP Laptop Computer	4	Amazon	\$849	2021 Flagship HP w/17.3" monitor	\$3396*
Asus Desktop Computer	17	NewEgg	\$570	Asus ExpertCenter D500SA Desktop PC	\$9690*
Accessories;	1	tbd	tbd	Headsets, screen shields, etc.	\$380
Uptown Charging Bench**	1	SunCharge Systems	\$3,406 w/shipping	Outdoor Bench w/ solar panel powering four USB ports	\$3,406
Electrical Connections from Library to Tech Deck	1	Fuller Electrical LLC	\$600	Electrical connections for outdoor outlets & USB panel	\$600
Software Licenses	20	Tech Soup	\$39	2019 Microsoft Office licenses for all the new computers	\$780
Surface-Mounted Table & Seating	1	National Outdoor Furniture	\$1,745	Square Picnic Table & Attached Seats for Tech Deck	\$1,745
				TOTAL COST:	\$19,997
				TOTAL REQUEST NOT TO EXCEED	\$20,000

*Computer pricing may change due to prevailing market.

**Uptown Charging Bench



COMAPRISON OF DESKTOP REPLACEMENT COMPUTER SPECIFICATIONS

	<u>Amazon</u>	<u>NewEgg</u>	<u>CDW - G</u>
Manufacture	ASUS	***** ASUS	Lenovo
Product	ASUS ExpertCenter D500SA Small form Factor Desktop PC	ASUS ExpertCenter D500SA Small form Factor Desktop PC	Lenovo ThinkCentre M720q – Small Form Factor – Desktop PC
Price	\$599.99	\$569.99	656.23 + shipping
Small form factor	Yes	Yes	Yes
CPU Model	Intel Core i5	Intel Core i5	Intel Core i3
RAM	12 GB	12GB	12 GB
Disk Storage	SSD 256 GB	SSD 256 GB	SSD 128 GB
Optical Storage	DVD-RW	DVD-RW	No Optical Drive
Number of USB 2.0 Ports	4	4	2
Number of USE 3.0 Ports	4	4	3
Windows 10 Pro	Yes	Yes	Yes
Networking/Protocol	WiFi ax, Bluetooth, Gigabit Ethernet	WiFi ax, Bluetooth, Gigabit Ethernet	WiFi 802.ac, Gigabit Ethernet, Bluetooth
Keyboard Interface	USB	USB	USB
Mouse Interface	USB	USB	USB
Dimensions LxWxH	13.4 x 3.7 x 11.5 inches	13.4 x 3.7 x 11.5 inches	7.2 x 7 x 14 inches

****Final Selection – Asus Computers from NewEgg

COMPARISON OF LAPTOP REPLACEMENT COMPUTER SPECIFICATIONS

	<u>AMAZON</u>	<u>NEWEGG</u>	<u>HP</u>
Manufacture	***** HP	HP	HP
Product	HP 2021 Flagship HP 17.3 Inch Laptop Computer	HP 2020 Flagship 17.3 Inch Laptop Computer	HP 470 G7 17.3 Inch Notebook
Price	\$849.00	\$849.00	\$899.00
Screen Size	17.3" Full HD (1920 x 1080)	17.3" HD (1600 x 900)	17.3" Full HD (1920 x 1080)
CPU Model	10 th Gen Intel Quad-Core i5- 1020U	8 th Gen Intel Quad-Core i5- 8265U	10 th Gen Intel Quad-Core i5- 1020U
RAM	16GB DDR4	16GB DDR4	8GB DDR4
Disk Storage	SSD 512GB	SSD 256GB	SSD 256GB
Optical Storage	DVD-RW	DVD-RW	DVD-RW
Number of USB 2.0 Ports	1	1	1
Number of USB 3.0 Ports	2	1	2
Number of USB Type-C	None	1	None
Number of HDMI Ports	1	1	1
SD Media Card Reader	Multi-Format	None	Multi-Format
RJ-45 Jacks	1 – (10/100/1000 GbE Lan)	1 – (10/100/1000 GbE Lan)	1 – (10/100/1000 GbE Lan)
Webcam and Speakers	Yes	Yes	Yes
Windows 10	Home	Home	Pro
Networking/Protocol	802.11ac / Bluetooth	802.11ac / Bluetooth	802.11ac / Bluetooth
Backlit Keyboard	Yes	No	Yes
Headphone/Microphone	Combo - Yes	Combo - Yes	Combo - Yes
Dimensions L x W x H	16.33 x 10.72 x 0.96 inches	16.33 x 10.72 x 0.96 inches	16.33 x 10.72 x 0.96 inches

****Final Selection is HP, sold by Amazon