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Faculty/Staff Technology Support Initiative: Charge/Sync Stations for Library Mobile Devices

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Proposal Title: Charge/Sync Stations for Library Mobile Devices

Applicant Information: Applicant Phone: 2578
Name: Pat Maxwell Title: Systems Librarian
Department/Division: Drake Library Funds Requested by Proposal: $3567.95-$357 = $3,210.95

Sponsor: Department Chair/Unit Head Sponsor Phone: 2140
Name: Mary Jo Orzech Dept. matching funds (10%) authorized: $357.00
Department/Division: Drake Library
If awarded, departmental matching funds to be transferred from Acct.#:

What items/services do you propose to purchase with the grant funds? Specify the vendor and estimated cost of each item.

<table>
<thead>
<tr>
<th>Vendor</th>
<th>Item</th>
<th>Count</th>
<th>Cost per</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple Education</td>
<td>Bretford PowerSync Tray for iPad</td>
<td>1</td>
<td>$999.95</td>
<td>$999.95</td>
</tr>
<tr>
<td></td>
<td>MacBook Air laptop</td>
<td>1</td>
<td>$1,362.00</td>
<td>$1,362.00</td>
</tr>
<tr>
<td>Bretford.com</td>
<td>Bretford Charging Tray for Mobile Devices</td>
<td>1</td>
<td>$706.00</td>
<td>$  706.00</td>
</tr>
<tr>
<td></td>
<td>Bretford Charging Tray Carrier</td>
<td>2</td>
<td>$250.00</td>
<td>$  500.00</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td></td>
<td></td>
<td><strong>$3,567.95</strong></td>
<td></td>
</tr>
</tbody>
</table>

Briefly describe how the items/services to be purchased innovate, expand and/or enhance the technological capabilities in your area of teaching, research, or work responsibilities:
Drake Library’s tech tools collection is rapidly growing in response to increased patron demand. Student and faculty feedback have identified several challenges:

<table>
<thead>
<tr>
<th>The Challenge</th>
<th>The proposed grant items will innovate, expand and/or enhance technological capabilities because:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shortage of secure electrical-sourced storage space (devices are often loaned with zero battery life)</td>
<td>Each charging tray will store and deliver a full-rate charge for up to 10 mobile devices.</td>
</tr>
<tr>
<td>How to safely transport 10-20 devices across campus for in-classroom use?</td>
<td>Charging Tray Carriers (carts) include an additional power strip and peripheral storage space. These carts will house the charging trays and provide portability—the carts can be rolled to campus classrooms for training sessions or class work. Proposed “proof of concept” service.</td>
</tr>
<tr>
<td>Need efficient process to re-image returned devices.</td>
<td>Syncing stations with MacBook will deliver an efficient and easy way for Library staff to restore tablets to original settings after each use.</td>
</tr>
</tbody>
</table>

Briefly state how you expect the technology supported by the award to benefit Brockport students through improvements in teaching, research, or efficiency of program administration:
The technology will improve quality & efficiency of service to Library patrons, and demonstrate best practice for other departments purchasing quantities of iPads. Charge/Sync stations will meet patron expectations that devices are fully powered and deliverable, ready for when (or where) Brockport students or faculty need to use them.
Charging Tray for Mobile Devices

Product Overview

- The Mobile Device Charging Tray stores and charges 10 mobile devices, either all of the same type or a variety of different types.
- Charging Tray features Detect-Supply-Charge technology to deliver a full-size charge for up to 10 tablets, e-readers or smart phones, simultaneously charging any type of mobile device that supports USB charging.
- The Detect-Supply-Charge circuit board is able to detect the amount of charge that is required by each given device and then supply only what is needed, up to a full rate charge of up to 2.4 amps.
- The Detect-Supply-Charge circuit board manages power so that all 10 devices will charge at the full rate simultaneously.
- The Charging Tray plastic inserts effectively cradle the devices and accommodate dimensions up to 11" x 8" x 7/8" thick.
- Laser cut numbers identify the storage slots with the matching USB charging port.
- LED lights of amber and green indicate whether each device is currently charging - or fully charged.
- Tension-hinged door easily lifts and stays open to provide easy access to devices and connections.
- Security is provided by solid steel construction and a combination lock. Additionally, the unit may be attached to a desktop surface or attached to an optional mobile cart.
- Optional mobile cart features easy rolling 5" swivel casters, height adjustability and also includes a six-outlet power strip, located on the back of cabinet which can be used to power the mobile device charging tray as well as any other peripheral equipment.
- Optional mobile cart also includes a locking storage cabinet in the bottom for storing peripherals and also to house the power adapter used for the mobile device charging tray.

About The Charging Tray for Mobile Devices Family

The Mobile Device Charging Tray stores and charges up to 10 mobile devices that support USB Charging and require up to 2.4 amps.

Need Additional Information?
Charging Tray Carrier

Product Overview

To assist with mobility of the Charging Tray for Mobile Devices. The carrier features easy rolling five-inch swivel casters, height adjustability and also includes a six-outlet power strip, located on the back of cabinet, which can be used to power the mobile device charging tray as well as any other peripheral equipment. The optional mobile carrier also includes a locking storage cabinet in the bottom.

Model Analysis

<table>
<thead>
<tr>
<th>Model</th>
<th>W x D x H</th>
<th>Finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTUCAR-AN</td>
<td>24&quot; x 18&quot; x 26-42&quot;</td>
<td>N/A</td>
</tr>
<tr>
<td>Charging Tray Carrier</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Patricia:
The charging tray list price is $1,357. List price for the carrier is $453.
The NY state contract discount is 48% off list. These new products will be added to the contract within a month. Please let me know if you need more information.
Thank you.

Ray

Ray Muse
Bretford
Sent from my iPad