

Henry Ford College

Application for Funding through the Technology Investment Fund

Project Director: Adam L. Cloutier

Date: 09/23/16

Department: Teaching & Learning Services

Division: Teaching & Learning Services

1. Please describe your project as specifically as possible. Include, but do not limit yourself to, answers to these questions:

- a. What do you propose to do?

Upgrade classroom switches that are not up to standards.

- b. Why do you propose to do this?

There are numerous data switches that are over 9 years old, and in desperate need of replacement. Replacing them would improve computer speeds and performance.

2. How many unique students will be served each academic year (Fall through Summer) by your project? "Unique students" refers to unduplicated headcount. Provide detail (course numbers, titles, and enrollments, for example).

Potentially: thousands each semester. Numbers vary based on:

- *Contracts established within Workforce & Professional Development.*
- *Number of students testing at the M-TEC center.*
- *Number of students utilizing Counseling student services.*
- *Enrollments within these program specific classrooms.*
- *Enrollments within the shared classrooms.*

3. Please provide your project's budget. Address each of the questions, or meet each request, listed below.

- a. What will be purchased (including model numbers, if appropriate), and what will it cost? Include amounts that are committed from funds other than the Technology Investment Fund, and indicate the source of those other funds.

- *Cisco Catalyst 3650 48 Port PoE 4x1G Uplink LAN Base, Part # WS-C3650-48PS-L, Quantity 15, Unit Price \$4,059.09, Total \$60,886.35 (see quote #33230)*
- *Cisco SFP (mini-GBIC) transceiver module – Gigabit Ethernet – 1000Base-SX – PC/PC multi-mode – uyp to 0.6 miles – 850 nm – for Cisco 38XX, 7301 VAM2+; Catalyst 29XX, 3560, 3750; Catalyst Compact 2960; ME 4824, 6524, Part # GLC-SX-MMD=,Quantity 15, Unit Price \$330.00, Total \$4,950.00 (see quote #33230)*

- b. Where will funds for future maintenance needs, consumables, and such come from?

Maintenance will be done in house. If funds are needed, IT Services or TLS will cover.

- c. Attach any support for your budget (quotes, for example) to this application, and indicate here what is attached.

See attached quote #33230 from Sentinel Technologies, Inc.

- d. Rank your needs so that the Technology Investment Committee will have guidance should only partial funding be available to recommend.

Top priority

4. Regarding project location and equipment security, please address each of the questions, or meet each request, listed below.

- a. Describe specifically where items to be purchased will be located or installed. Include room-layout diagrams if appropriate.

- *E161 - 2 switches - Technical building*
- *M106 - 1 switch - Student Center*
- *M108 - 1 switch Student Center*
- *M143 - 2 switches - Student Center*
- *F011 - 3 switches - All Fine Arts classrooms pull to this room*
- *N019 - 2 switches - LTC lower level lab - Instructional Technology workers*
- *A101 - 2 switches - Counseling - Assisted Learning*
- *G334 - 4 switches - All 2nd and 3rd floor Health Careers classrooms pull to this closet*
- *PhysEd - 1 switch No room number - 2nd floor computer lab*

- b. Indicate the status of any necessary approvals for using the space in which items will be located or installed.

NA

- c. Who, specifically, will do the installation?

Sentinel, or the lowest bidder

- d. How will equipment purchases be secured?

In locked closets, wired in, or concealed in locations that are not visible to the eye.

5. How, specifically, will you determine the success or shortcomings of your project?

- *Successfully installed.*
- *Reduced student and faculty complaints*

Please submit this form and any attachments to the chair of the Technology Investment Committee by the date you have been given. If you are submitting this form electronically, please combine any attachments into a single PDF. (This application form may be submitted as a document separate from the attachments.)



SENTINEL®

Sentinel Technologies Inc.
 2550 Warrenville Road
 Downers Grv, Illinois 60515
 United States
<http://www.sentinel.com>
 (P) 630-769-4300
 (F) 630-769-1399

Quotation (Open)
 Doc #: 33230 1 rev of 1
 Modified Date: Sep 01, 2016 04:40 PM
 CDT
 Expiration Date: 2016-09-30
 Description: WS-C3650-48PS-L

Customer Contact

Zitnik, Joe
 zitnik@hfcc.net
 (P) 313-317-6500

Sales Associates

Preparer: Petrella, Kathy
 Email: quotedesk@sentinel.com
 Phone: 630-769-4398
 Account Manager: Truesdale, Mike
 Email: Sentineltech@sentinel.com

Customer

Henry Ford Community
 College (4065-00)
 Zitnik, Joe
 5101 Evergreen Rd.
 Dearborn, MI 48128
 United States
 (P) 313-845-9866

Bill To

Henry Ford Community College
 Payable, Accounts
 5101 Evergreen Rd.
 Dearborn, MI 48128
 United States
 (P) 313-845-9769
 sandro@hfcc.edu

Ship To

Henry Ford Community College
 Silvestri, Sandro
 5101 Evergreen Rd.
 Dearborn, MI 48128
 United States
 (P) 313-845-9769
 sandro@hfcc.edu

Customer PO:	Terms: Upon receipt of Invoice	Ship Via: FedEx Ground
Special Instructions:		Carrier Account #:

#	Description	Part #	Qty	Unit Price	Total
1	Cisco Catalyst 3650 48 Port PoE 4x1G Uplink LAN Base	WS-C3650-48PS-L	15	\$4,059.09	\$60,886.35
2	Cisco SFP (mini-GBIC) transceiver module - Gigabit Ethernet - 1000Base-SX - LC/PC multi-mode - up to 0.6 miles - 850 nm - for Cisco 38XX, 7301 WAM2+; Catalyst 29XX, 3560, 3750; Catalyst Compact 2960; ME 4924, 6524	GLC-SX-MMD=	15	\$330.00	\$4,950.00

Pricing subject to change.

Subtotal: \$65,836.35
 Tax (0.000%): \$0.00
 Shipping: \$144.00
Total: \$65,980.35