HENRY FORD COLLEGE
OFFICE OF THE PRESIDENT

BOARD REPORT

SUBJECT: Winter 2021 TIF Proposed Technology Investment Fund Project

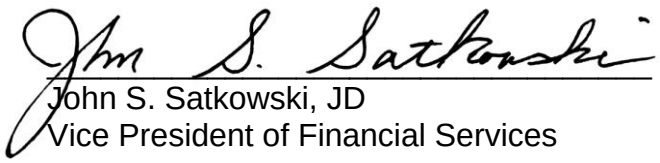
Listed below is a summary for projects recommended for funding by the Technology Investment Committee (TIC).

Project Director Division/Department	Nature of Request	Approved Funding
Amy Paik and Charles Irish Chemistry/STEM	Update and replace 25 computers, monitors, and software in J-014 to support students in Chemistry, Science and Pre-engineering programs	$36,625
Paul Root and James Smith Chemistry, Physical Science/STEM	Update equipment to provide Physics students with modern laboratory equipment and technology commonly used by industry and four-year institutions. Equipment includes: 14 Pasco Comprehensive 850 Electromagnetism Bundles; 14 Pasco Comprehensive 850 Waves, Optics, and Thermodynamics; 14 Pasco Basic Optics Systems; and 14 Pasco Brewster's Angle Accessories.	$87,887
Vinita Parekh Speech, Communications and Media/SOLA	Computer Technology/ Media Carts with Laptops . Equipment includes two laptop carts, 48 laptops, and two laptop charging carts for two Speech classrooms.	$19,900
	Total Funds	**$144,412**

The Technology Investment Committee held a meeting on March 5, 2021 to review requests for funds. The committee is recommending the approval of the projects. The projects have also been reviewed by College administration which offers its support. The total value of the TIF projects for which the committee is recommending is $144,412 funded with TIF Funds.

RECOMMENDATION:

The College administration concurs with the Technology Investment Committee and recommends the projects be approved for funding by the HFC Board of Trustees.



John S. Satkowski, JD
Vice President of Financial Services

Russell A. Kavalhuna, JD
President

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BID AWARD

SUBJECT: Cisco Networking Equipment
Bid #21221

The faculty of the Workforce and Professional Development Division requests a contract for the purchase of (20) Cisco Catalyst 2960-Plus 24TC-L Switches, (20) Cisco ISR 4321/K9 Routers, and (20) Cisco NIM-2T Interface Cards for use in the Henry Ford College Early/Middle College Trade School Program. Faculty selected this equipment to train students in the installation and configuration of Cisco routers and switches in local and wide area networks, perform basic troubleshooting and improve network performance and security. The program prepares students for some of the most highly valued certifications within the IT industry, including the Cisco Certified Entry Networking Technician (CCENT), Cisco Certified Network Associate (CCNA) and Cisco Certified Network Professional (CCNP). A workforce development grant from the Ralph C. Wilson Foundation provides 100% of the funds for the new purchases.

The College solicited proposals under Bid #21221. The responses appear below.

ConvergeOne	$41,145.36
Sentinel Technologies	51,296.00
Mvation Worldwide	53,971.32
Howard Technology Solutions	57,208.00
Insight Public Sector	60,970.64
Staples	No Bid
CDW-G	No Reply
KLA Laboratories	No Reply
Logicalis	No Reply
SHI International	No Reply

RECOMMENDATION:

The College administration recommends a contract award to ConvergeOne, Inc. for $41,145.36 for Cisco Networking Equipment as requested by the Early/Middle College Trade School program, in accordance with the specifications of Bid #21221.

John S. Satkowski

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BID AWARD

SUBJECT: Concrete Sidewalk Repairs
Bid #21223

The Director of Facilities Services requests a contract for the labor, materials, equipment, and services necessary for the Concrete Sidewalk Repairs project. The project scope includes the replacement of damaged concrete walkways throughout Main Campus. The repairs include saw cutting and removing an estimated 31,116 square feet of existing concrete sidewalks, excavation of the subgrade as needed to allow placement of a 6-inch thick subbase (MDOT Class 21AA crushed limestone), and placement of new 6-inch thick fiber-reinforced concrete slabs. The contractor shall install doweled expansion and construction joints and include joint sealant where specified. Work also includes site grading and restoration, soil erosion and sedimentation control, restoration of disturbed areas, and all other work incidental to provide a complete project.

The College invited bid submissions from qualified contractors under Bid #21223. The bid responses appear below. After reviewing the results, the project team recommends an award to the low, qualified bidder for the work.

Bidder	**Base Bid**
Brencal Contractors	$289,421.00
Spence Brothers	470,276.00
McCarthy Construction *	Disqualified
Ajax Paving Industries	No Bid
B & B Concrete Placement	No Bid
Angelo Iafrate Construction	No Reply
Colasanti Construction Services	No Reply
Commercial Contracting	No Reply
Hartwell Cement	No Reply
Hutch Paving	No Reply
LaSalle Group	No Reply
Rudolph Libbe	No Reply
T & M Asphalt Paving	No Reply

* The proposal from McCarthy Construction for $320,785.00 failed to meet the following bid requirements: 1) the firm did not include a mandatory acknowledgement form that Bid Addendum #3, dated 4/12/2021, had been received and incorporated into their proposal and 2) the firm submitted their response on an outdated Bid Proposal Form that had been superseded twice by addenda.

RECOMMENDATION:

The College administration recommends a contract award to Brencal Contractors, Inc. for $289,421.00 for the Concrete Sidewalk Repairs project in accordance with the specifications of Bid #21223.

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BID AWARD

SUBJECT: Shuttle XPC Desktop Computers
Bid #21246

The faculty of the School of Business, Entrepreneurship, and Professional Development requests a contract for the purchase of forty-five (45) Shuttle XPC Slim Desktop Computers, Model DH310V2, with Intel Core i7-8700K Processor, 16GB RAM, 1TB Solid State Drive, DVD-RW Drive, 24" LCD Display, and related components. The Computer Information Systems program seeks to upgrade computers in the CIS/CISCO lab in the Technology Building, Room E-197. The new systems will provide a current learning environment to prepare students for employment post-graduation. IT Services will cascade the existing computers to replace older systems in other areas of the College and will salvage parts from any remaining computers. Federal Vocational Education Equipment Grant (Perkins) dollars provide 100% of the funds for this purchase.

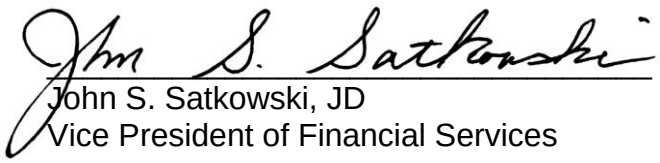
The College solicited proposals under Bid #21246 The responses appear below.

Insight Public Sector	$44,392.05
New Egg	51,698.25
SHI International	57,442.95
Office Depot *	Disqualified
Bit Direct	No Bid
Canton Computer	No Bid
Staples	No Bid
CDW-G	No Reply
Sehi Computer Products	No Reply

* The Office Depot bid for $45,683.10 dd not include the required 1TB Solid State Drives.

RECOMMENDATION:

The College administration recommends a contract award to Insight Public Sector, Inc. for $44,392.05 for forty-five (45) Shuttle XPC Slim Desktop Computers as requested by the Computer Information Systems program, in accordance with the specifications of Bid #21246.



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CONTRACT AWARD

SUBJECT: Puritan Bennett 980 Ventilator

The faculty of the School of Health and Human Services requests a contract for the purchase of one (1) Puritan Bennett 980 Series Universal Ventilator with Compressor, Part #980U3ENDIUUS. This model includes components needed to treat adult and pediatric patients. The ventilator will be used in the Respiratory Therapist program to provide students an opportunity, through hands-on learning in the lab setting and the demonstration of competency, to use this ventilator prior to working with them on actual ICU patients.

The list price for the configured unit totals $97,225.00. With the College's educational discount, the total falls to $54,445.00. Federal Vocational Education Equipment Grant (Perkins) dollars provide 100% of the funds for this purchase.

The Puritan Bennett 980 Ventilator is a sole source product. It is manufactured, sold, and distributed exclusively by Medtronic, Inc. This product must be purchased directly from Medtronic.

When procuring property and services under a Federal award, the College must comply with the requirements of Federal regulations found in 2 CFR 200, §§200.317 through 200.326. These regulations address a non-competitive procurement as follows:

Non-competitive Proposals – Sole Source. Procurement by noncompetitive proposals is procurement through solicitation of a proposal from only one source and may be used only when one or more of the following circumstances apply:

i. The item is available only from a single source;
ii. The public exigency or emergency for the requirement will not permit a delay resulting from competitive solicitation;
iii. The Federal awarding agency or pass-through entity expressly authorizes noncompetitive proposals in response to a written request from the College; or
iv. After solicitation of a number of sources, competition is determined inadequate.

The Puritan Bennett 980 Ventilator procurement complies with the above federal requirements per section i.) the items are available only from a single source and section iii.) the College submitted supporting documentation for a sole source procurement to the State of Michigan Department of Labor and Economic Opportunity (the pass-through entity) and received approval and authorization to proceed with the procurement on March 28, 2021.

The College requests Board approval for a sole source award.

RECOMMENDATION:

The College administration recommends a contract award totaling $54,445.00 to Medtronic, Inc. for one (1) Puritan Bennett 980 Package requested by the Respiratory Therapist program, in accordance with Quote #1603638 dated March 25, 2021.

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CONTRACT AWARD

SUBJECT: Amatrol Mechanical Learning Systems

The faculty of the School of Business, Entrepreneurship, and Professional Development requests a contract for the purchase of the following Amatrol Mechanical Learning Systems: (2) #970-ME1 Mechanical Drives 1 Learning Systems, (2) #41227 Hand Tool Packages, (2) #97-ME2 Mechanical Drives 2 Learning Systems, (2) #18588 Viscosimeters, (2) #96-MPF2 Mechanical Fabrication 2 Learning Systems, and associated curriculum for each trainer, commissioning, and initial orientation. This equipment will be used by students in Sheet Metal courses offered by the Trade and Apprentice department.

Amatrol's Mechanical Drives 1 Learning System (970-ME1) covers mechanical drive installation, mechanical drive operation, motor drive alignment, and applications of various motor drive systems. Learners will use the mechanical drives training system and the interactive online mechanical drives curriculum to gain theoretical knowledge and hands-on skills for shaft, belt, gear, and chain drives using real-world motor drive components. This hands-on mechanical drive skill-building system covers topic areas like mechanical drive systems, key fasteners, power transmission systems, v-belt drives, chain drives, spur gear drives, and multiple shaft drives.

Amatrol's Mechanical Drives 2 Learning System (97-ME2) covers the construction, operation, installation, and alignment of heavy-duty V-belt drives, synchronous belt drives, and heavy-duty chain drives. This system also delves into topics associated with the maintenance and proper operation of these drives, such as belt and chain selection, lubrication, couplings, and drive troubleshooting. The drive systems featured in this training system are utilized in countless automotive, agricultural, industrial, and commercial applications, so the advanced manufacturing career fields for learners using these skills are vast.

Amatrol's Mechanical Fabrication 2 Learning System (96-MPF2) adds to Mechanical Fabrication 1 to expand a learner's knowledge of hand tools. This Mechanical Fabrication training system covers more sophisticated assembly training and components including fasteners, torque wrenches, power tools, and many more. This hand tools training system expands on basic hand tools used in assembly.

The College's cost for the (6) Amatrol Mechanical Learning Systems, associated tooling packages, curriculum, commissioning, orientation, and shipping totals $57,336.00. The purchase will be funded from the department's general fund account.

Amatrol, Inc. is the sole manufacturer that can produce and supply this equipment and curriculum. Amatrol uses exclusive distributors for specific states and supports ATS Midwest as its only distributor for Michigan purchases. The College requests Board approval for a sole source award.

RECOMMENDATION:

The College administration recommends a contract award totaling $57,336.00 to ATS Midwest LLC for (6) Amatrol Technical Learning Systems including associated accessories, classroom curriculum, commissioning and orientation services, and shipping as requested by the Trade and Apprentice department, in accordance with Quote #18715 dated March 17, 2021.

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CONTRACT AWARD

SUBJECT: Engineering Services: North Loop Primary Electrical Upgrade – Phase 5, 6, & 7

The Director of Facility Services requests a contract for the professional engineering and design services necessary for the fifth, sixth and seventh phases of the north loop primary electrical upgrade project on the Main Campus. This work is a continuation of a project started in 2005 when the south loop was upgraded from 4.8kV to 13.2kV electrical service. The north loop conversion began in February 2014. Phase 4 was completed in 2016. Phases 5, 6, and 7 will finish the project. Phase 5 provides new 15kV outdoor switches at the Fine Arts Building and Technology Building and a new 15kV primary cable from Facilities Services to the Fine Arts Building and from the Fine Arts Building to the Technology Building. Phase 6 provides a new 15kV outdoor switch/1000kVA transformer outside the Technology Building, a new underground secondary ductbank and secondary distribution equipment at the Technology Building and removes an existing 4800V substation and 5kV primary cables at the Technology and Science Buildings. Phase 7 provides underground ductbanks between manholes, primary conduit upgrades at the Science Building, and a new 15kV primary cable at the Technology Building.

The original north electrical loop is unreliable due to age and deterioration and it has no capacity to add electrical service in the buildings it serves. The engineering firm will provide the following services: design and engineer electrical systems; attend project kick-off, review, and pre-bid meetings; review and analysis of existing building drawings; estimate probable construction costs; develop bidding plans and specifications; and perform associated bid and construction phase services.

Peter Basso Associates, Inc. provided a quote for the above services in the amount of $47,600. Peter Basso Associates is the engineering firm used on the south loop electrical upgrade project and the first four phases of the north loop project. They have performed well on these and other previous jobs at the College and are prepared to begin the next phase immediately. A sole source award is requested in accordance with Board Policy #2110 which currently sets the bid threshold for architectural and design services at $399,154.

RECOMMENDATION:

The College administration recommends the award of a contract to Peter Basso Associates, Inc. for Engineering Services for the North Loop Primary Electrical Upgrade

– Phases 5, 6, and 7 in the amount of $47,600, in accordance with Peter Basso Associates' proposal dated February 25, 2021 and Board Policy #2110.

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