

Submitted by: Rebecca Cooke, Interim Vice President for Finance and Business Operations and Chief Financial Officer, Treasurer, *pro tempore*

## **PURCHASING EXCEPTIONS**

Attached is a summary report of purchase orders (POs) greater than \$25,000 that were issued during May, June, July & August 2020 without soliciting competitive bids. POs are summarized in the following categories:

- A. Scientific Judgment
- B. Executive Officer Waiver of Bid for professional service contracts
- C. Emergency Requirement (insufficient time to complete a bid process)
- D. Compatibility with previously purchased equipment or services
- E. Partnerships/Sponsors
- F. Other (see explanation)

All requests for bid waivers were evaluated and approved in accordance with University policies.

**PURCHASING EXCEPTION REPORT**  
**FY 2020**  
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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	<b>A. SCIENTIFIC JUDGMENT (S03, S04)</b>			
1	P0954084	i-Human Patients, Inc.  \$ 33,750.00  General Fund Accounts and Grant Fund Accounts; College of Nursing	<p><b>Basis: Specialized Application in Emerging Market to provide Continuity of Off-Campus Instruction</b>            Online virtual simulation software for the College of Nursing from i-Human.</p> <p>i-Human is the only vendor with a software product capable of teaching advanced practice physical assessment virtually. The cases include integrated learning, exercises, and assessments to help students fully understand cases and remediate when they make incorrect and incomplete decisions. The software cases can be configured to the level of the students and can be scaffolded throughout the set curriculum.</p> <p>i-Human tracks every click, and every decision the student documents and provides them with instant, expert feedback throughout the entire process. Faculty and administrators can reduce grading, and simply access performance reports to pinpoint gaps in curriculum and identify at-risk students.</p> <p>There is no other software program on the market that can provide this functionality. Smaller orders that have preceded this order include            P0953489 4/24/2020 \$2,850.00            P0952355 4/01/2020 \$1,200.00            P0805785 3/06/2017 \$9,546.00</p>	Laurie Lauzon Ciabo, Dean of College of Nursing; approved by Kenneth Doherty
2	P0958486	Digilent Inc  \$ 72,079.99  Grant Fund Accounts; VP Research	<p><b>Basis: Specialized Application in Emerging Market to provide Continuity of Off-Campus Instruction</b>            Digilent Inc.- will provide an Analog Discovery 2 Student Bundle. The multi- function instrument will provide students with a tool to gain hands-on lab experience for electrical &amp; computer engineering students. The tool is a USB oscilloscope and multi-function instrument that allows users to measure, visualize, generate, record, and control mixed-signal circuits of all kinds.</p> <p>This equipment will provide students the ability to duplicate the classroom laboratory experience. The hands-on lab work is required by the Accreditation Board of Engineering &amp; Technology (ABET) which governs the standards of the WSU Electrical &amp; Computing Engineering program.</p> <p>An on-line search for the tool indicates that Digilent Inc. is the only manufacturer of this technology.            Cost: Item 240-120- 280 kits @ @229.00= \$64,120.00            Item 410-292- 40 each @198.75 = \$7900.00</p>	Mohammed Ismail, Dept Chair of ECE; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
3	P0958464 The Lab Drawer \$ 25,000.00 Grant Contracts Restricted Gifts; College of Nursing	<p><b>Basis: Specialized Application in Emerging Market to provide Continuity of Off-Campus Instruction</b>            Educational Programming and Materials for high school students enrolled in the C2 Pipeline Program- STEM Challenge Camp, for the College of Nursing from The Lab Drawer. The C2 Pipeline Programs offers external learning programs to K-12 students at schools across the Metro Detroit area.</p> <p>The Lab Drawer will provide packaging, assembly, and mailing of required supplies for youth to participate in the C2 Pipeline STEM Challenge Camp. The program materials will focus on STEM and Health careers which is the primary focus of the C2 Pipeline program.</p> <p>Due to the current situation with Covid-19, students are unable to receive programming in person so, students will receive seminars via Zoom. However, to ensure that all students no matter what type of technology they have will be able to participate we are sending "Camp in a Box" to all students so they have the necessary supplies to participate if they have no internet or technology.</p> <p>Vendor was selected after on-line search failed to identify a vendor who could provide "Camp in a Box" themed around STEM and or Health Care Careers. This program is granted to the University under the 21st Century Community Learning Center (CCLC ) Grant Program . Other 21st CCLC programs in the state were consulted, but they only knew of materials providers located on the west side of the state or the upper half of lower Michigan. The program requires a vendor in close proximity to the campus, in order to pick up boxes for instruction and to have the WSU staff to drop off items to be included in boxes.</p>	Laurie Clabo, Dean of College of Nursing; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
4	P0958441 The Lab Drawer  \$ 25,431.73  Grant Contracts Restricted Gifts; College of Nursing	<p><b>Basis: Specialized Application in Emerging Market to provide Continuity of Off-Campus Instruction</b>            Educational Programming and materials to high school students enrolled in the C2 Pipeline Program- Virtual Day Camp for the College of Nursing from The Lab Drawer. The C2 Pipeline Programs offers external learning programs to K-12 students at schools across the Metro Detroit area.</p> <p>The Lab Drawer will provide packaging, assembly, and mailing of required supplies for youth to participate in the C2 Pipeline Virtual Day Camp. The program materials will focus on STEM and Health careers which is the primary focus of the C2 Pipeline program. The materials will allow the program to supplement the students' experiences and opportunities, allow for compliance monitoring.</p> <p>Due to the current situation with Covid-19, students are unable to receive programming in person so, students will receive seminars via Zoom. However, to ensure that all students no matter what type of technology they have will be able to participate we are sending "Camp in a Box" to all students so they have the necessary supplies to participate if they have no internet or technology.</p> <p>Vendor was selected after on-line search failed to identify a vendor who could provide "Camp in a Box" themed around STEM and or Health Care Careers. This program is granted to the University under the 21st Century Community Learning Center (CCLC ) Grant Program . Other 21st CCLC programs in the state were consulted, but they only knew of materials providers located on the west side of the state or the upper half of lower Michigan. The program requires a vendor in close proximity to the campus, in order to pick up boxes for instruction and to have the WSU staff to drop off items to be included in boxes.</p>	Laurie Clabo, Dean of College of Nursing; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
5	P0957563	<p data-bbox="342 282 625 334">SEHI Computer Products, Inc.</p> <p data-bbox="342 367 478 388">\$ 94,746.64</p> <p data-bbox="342 428 632 509">Grants Contracts; Gift Fund Accounts; College of Nursing</p>	<p data-bbox="655 282 1766 380"><b>Basis: Specialized Application in Emerging Market to provide Continuity of Off-Campus Instruction</b> zSpace Virtual Reality - Learning Experience for the College of Nursing (CON) from Sehi Computers. zSpace is the single source developer and manufacturer of virtual reality learning experiences for STEM (Science, Technology, Engineering and Mathematics).</p> <p data-bbox="655 412 1766 534">This purchase is being requested through the ZSpace Detroit area representative, Sehi Computer Products. Due to COVID-19 the CON has to offer all summer camps virtually. STEM Challenge seminars will be hosted on Zoom; however, in order to ensure that all students no matter what type of technology they have will be able to participate the CON is sending "Camp in a Box" to all students so they have the necessary supplies in order to participate even if the student does not have internet or technology.</p> <p data-bbox="655 566 1766 712">This request is being purchased through a grant (2151 CCLC - C2 Pipeline Program) that works with high school youth in 24 high schools, utilizing STEM with a focus on STEM and Health careers. This purchase supports the types of programing the College of Nursing does, will allow it to supplement experiences and opportunities for students, allow for compliance monitoring and increase our collaborations with the day schools we are involved with. These will allow the College of Nursing to better provide services and programing to our students whether in person or virtually.</p> <p data-bbox="655 745 1766 813">The zSpace laptop provides a unique, personalized experience that eliminates the barrier between the user and content by combining elements of augmented reality (AR) and virtual reality (VR) in one platform that allows the user to explore and create lifelike experiences.</p>	<p data-bbox="1793 282 2018 396">Laurie Clabo, Dean of College of Nursing; approved by Kenneth Doherty</p>

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	<b>PO NUMBER</b>	<b>VENDOR / PRICE FUNDING SOURCE</b>	<b>DESCRIPTION</b>	<b>Approved by</b>
6	P0953897	Cortech Solutions Inc  \$ 37,549.24  State of Michigan Grant Fund Account, Grants, Contracts, Restricted Gift Accounts; School of Medicine	<p><b>Basis: Informal Sourcing Conducted by the Requesting Department</b>            32-channel EEG recording system for Dr. Greenwald in the Department of Psychaitry from Cortech Solutions.</p> <p>This EEG recording system purchase includes full scalp coverage and consists of amplifiers, analog-to-digital converters, electrode connectors, electrode sets, multiple head caps (for different head sizes), consumable supplies (gel, tape, straps, cleaning agents), and shipping.</p> <p>This is the best available option for the departments research needs. The department does not need a system that would be compatible with other systems.</p> <p>In addition to CorTech Solutions, the lab considered similar equipment from well-established vendors BIOPAC and AD Instruments (based on consultation with collaborators Dr. Christine Rabinak and Dr Nicholas Mischel). Unit prices for similar system components were not less expensive than CorTech.</p> <p>Dr. Greenwald consulted the two expert collaborators mentioned earlier, they have experience using EEG systems in their labs. Dr. Rabinak purchased and uses this same system in her WSU lab, and she will be instrumental in helping to establish this system in Dr. Greenwald's lab. Dr. Rabinak's instrument was purchased on P0841671 in November 2017 for \$34,402.98.</p>	Jennifer Ballard-Traynor, Director of Psychiatry Admin; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
7	P0959350 Bio-Rad Laboratories  \$ 29,831.00  General Fund Account; Designated Fund Account, Grant Fund Account; Pharmacology	<p><b>Basis: Informal Bidding Conducted by the Requesting Department</b>            ChemiDoc™ Imaging System for sensitive imaging and documentation of DNA/ protein gels and chemiluminescent western blots for the Department of Pharmacology to be purchased from BioRad.</p> <p>Digital imagers, such as ChemiDoc, do not only allow for replacing of X-ray film in western blot applications but also provide the only quantitative way of normalization of western blot results. This equipment is intended for shared use between the laboratories of Dr. Podgorski, Dr. List and Dr. Garrett. The researchers believe this purchase provides cost-effective and administratively viable way to achieve the infrastructure needed to ensure optimal research and training conditions is to establish multi-lab user groups in which the purchase, usage, and maintenance of equipment can be efficiently managed.</p> <p>Examples of other instruments that were reviewed:</p> <ul style="list-style-type: none"> <li>• GBox Mini 6 (Innovative Solutions) – under 20K but no fluorescence capabilities</li> <li>• ChemiDoc XRS (Bio-Rad) – under 20K but much less sensitive</li> </ul> <p>In addition to above-mentioned reasons, we also sought testimonies of our colleagues who use ChemiDoc™ systems on their laboratories. Testimonies convinced us that sensitivity and features of ChemiDoc™ system are superior to other imaging instruments we considered and they perfectly fit our research needs. Notably, this instrument comes with 3-year extended warranty, which was also a very important aspect of this purchase</p> <p>The lab also sought testimonies from colleagues who use ChemiDoc™ systems. The testimonies proved that sensitivity and features of ChemiDoc™ system are superior to other imaging instruments and it will fit perfectly the with research needs. None of the instruments considered had the modalities and/or sensitivity matching Bio-Rad ChemiDoc™ system.</p> <p>This instrument will provide significant improvement over the current methods being utilized for developing routine western blots and acquiring publication-quality images of DNA gels. The labs are currently relying on the use of film and a very old x-ray machine that constantly malfunctions and needs service. The department has a shared old Fuji digital imaging system that is barely functional, and does not have needed sensitivity, or contemporary software. Importantly, the company no longer supports upgrades, maintenance or repair services because the technology is considered outdated and inferior to newer technologies.</p>	Ray Mattingly, Pharmacology; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
8	P0959227 Electro-Matic Products, Inc.  \$ 40,340.00  General Fund Accounts, College of Engineering	<p><b>Basis: Informal Bidding Conducted by the Requesting Department</b>            Automation equipment to work with robots already in place for research in Engineering Technology to be provided by Electro-Matic.</p> <p>The equipment includes the following: conveyor, 2 -Siemens PLC/HMI Training Stands, and a Simatic Step 7 Professional Combo Trainer Pack.</p> <p>This lab already teaches Siemens Programmable Logic Controller, PLC, in scheduled courses and this Conveyor will be able to connect to the existing robots.</p> <p>Dr. Ana Djuric, Engineering Technology, has spent a good amount of time looking for a conveyor that will work with the current robots in the lab. This particular conveyor will work well with equipment already in the lab.</p> <p>One other system was located for this conveyor system. The department obtained a quote for a very small conveyor from SMC International Training Group. The price was \$59,000 and in addition, the other company required the lab to ship the robot to Spain in order to integrate it into one system. This service would also be an additional charge.</p>	Ece Yaprak, Chair of Engg Technology; approved by Kenneth Doherty
9	P0959402 Agilent Technologies, Inc.  \$ 202,983.30  General Fund Account and Grants, Contract, Restricted Gift Accounts Biological Sciences	<p><b>Basis: Scientific Judgment on Equipment Functionality</b>            Agilent Seahorse XFe96 Analyzer for Biological Sciences from Agilent Technologies.</p> <p>The Seahorse XFe96 is the only instrument of its kind that can take sequential real-time measurements of metabolic parameters from cells growing in a 96-well plate format. There are currently no alternative instruments on the market that can perform these measurements in this format.</p> <p>Per Biological Sciences, this instrument is unparalleled and without competition. It is widely acknowledged as the 'gold standard' for metabolic work in this field.</p> <p>This instrument was specifically named in a (now funded) administrative/equipment supplement application through the NIH in accompaniment to grant R01GM125082-07.</p> <p>When applicable competition exists, quotes are always obtained from a minimum of 2-3 sources for large equipment in the lab.</p>	Miriam Greenberg, Professor Biological Sciences; approved by Kenneth Doherty



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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
10	P0957252  KRUSS Scientific Instruments Inc  \$ 26,585.75  Grant Fund Accounts, Chemistry Department, CLAS	<p><b>Basis: Scientific Judgment regarding Equipment Functionality</b>  Bubble Pressure Tensiometer for the Department of Chemistry from KRUSS USA.</p> <p>The Kruss BP 100 instrument is a very common instrument in the Chemistry field. Many publications from researcher's doing this type of research are being done with this instrument and technology. Also, optional disposable capillaries simplify the investigation of contaminating or solidifying liquids such as inks or varnishes. The thermal process conditions at temperatures between -10 and 130 °C can be simulated to enable the results to be transferred to large-scale situations.</p> <p>The requested product is being used by other investigators in similar research, for example, * Surfact Deterg 17, 1117-1123 (2014);  * J. Mater. Chem. C, 2014, 2, 3885-3889;  * Journal of Molecular Liquids 204 (2015): 126-131;  * Journal of Dispersion Science and Technology 36, no. 6 (2015): 885-891; and  * Journal of Dispersion Science and Technology 39, no. 8 (2018): 1102-1107.</p> <p>For the comparability of results to the other researchers in this field of research, the same product is essential for Long Luo's research in the Chemistry Department.</p>	Matthew Allen, Chair in Chemistry, approved by Kenneth Doherty
11	P0942213  Bio-Rad Laboratories  \$ 25,319.69  General Funds - Faculty Start-Ups	<p><b>Basis: Scientific Judgment regarding Equipment Functionality</b>  Chemidoc Imaging Instrument for the Institute of Environmental Health Services (IEHS) from Bio-Rad Services. This was the only vendor considered for the equipment because BioRad is the only company who produces this particular equipment. This Imaging Capability of the Chemdoc Instrument is needed to conduct research experiments.</p> <p>The original PO was issued for 24,500, but with specification adjustmet it was increased to \$25,319.69</p>	Dr. Melissa Runge- Morris, Director, IEHS, approved by Kenneth Doherty

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12	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0960261	Ann Arbor Technical Services Inc  \$ 43,230.00  General Fund Account - Research Stimulation	<p><b>Basis: Scientific Judgment for Specified Laboratory Services</b> Laboratory services for analysis of plant material for chemical contaminants for the Department of Geology and the Institute of Environmental Health &amp; Safety (IEHS). Ann Arbor Technical Services (ATS) is a certified lab for analysis volatile organic chemicals in potable/non-potable water and in soil and plant tissue. ATS is the only lab that Geology is aware of that conducts 1,4-dioxane, VOC, and heavy metal analysis from the same plant sample.</p> <p>The Geology team has been working together with ATS since Fall 2019, to develop robust methodology to detect below ground contaminants using above ground plant tissue. The team has developed a strong method and partnership in continued method development that need to continues. Geology has been working closely with ATS on method development.</p> <p>Two prior smaller POs were used to initiate the collaborative work in developing a reliable method. The next step will be conducted with this purchase. Geology initially contacted multiple labs to help with it's methods development. ATS has been the only lab that has been able to assist at the level needed.</p> <p>Prior Pos: P0954425 - \$1,400.00 -- (5/2020) P0945836 - \$3,330.00 - (2/2020)</p>	Dr. Melissa Runge- Morris, Director of IEHS.CURES; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
13	P0960361	<p>Oceanside Ten Holdings.com LLC</p> <p>\$ 35,000.00</p> <p>Grand Fund Accounts, Sociology Admin</p>	<p><b>Basis: Specified in NSF Grant</b></p> <p>Contracted Services for recruiting for a study for the Department of Sociology to be provided by ROI Rocket/Ocean Ten Holdings. This \$35,000 PO is one of two, for a combined total of \$70,000.</p> <p>ROI Rocket will recruit 1000 couples, for a total of 2000 participants for a specific survey. The vendor will program and administer the survey at three data collection points on ROI Rocket's own landing page. Also, the cost of incentives for 2000 individuals participating is included in the contract price. ROI Rocket will also maintain regular contact with the participants through emails and text messages to maintain a good response rate from survey. ROI Rocket will also assist in the recruitment of a subset of survey participants for the qualitative in-depth interview.</p> <p>This grant was in response to a NSF RAPID call for proposals. Given the nature of these grants there was limited time to solicit multiple bids. Dr. Kentor, the PI, originally contacted Qualtrics. However, Qualtrics does not own the panels for recruitment or the landing platform to launch data collection. Qualtrics only owns the software for surveys. As a result, Qualtrics would contact an unknown third party who would do the recruitment and pass the raw data to Qualtrics. Sociology would lose control of data quality and integrity.</p> <p>RIO Rocket owns the panels and the landing platform, creating a more secure process for ensuring our data is high quality and not fraudulent. It is a direct relationship between the department and Rocket. Given the importance of NSF funding, ensuring data integrity is of utmost importance. It is also important to note that this consulting firm was approved by NSF.</p>	<p>Dr. Jeffrey Kentor Chair of Sociology; approved by Kenneth Doherty</p>
14	P0960502	<p>Ascend Learning Holdings LLC</p> <p>\$ 192,000.00</p> <p>Grands Fund Accounts; Office of the AVP Fiscal Ops Admin</p>	<p><b>Basis: Specialized Application in Emerging Market to provide Continuity of Off-Campus Instruction</b></p> <p>eValue software for the College of Nursing (initial 3-year term) from Ascend Learning.</p> <p>eValue is the only available tool providing seamless integration of activities (ie scheduling) and documentation (evaluations), and curriculum mapping. During the pandemic it will function as a repository for special Covid instructions for students, site-specific clinical requirements and student attestations. eValue is the American Academy of Critical Care Nurses (AACN) preferred tool for tracking data relative to accreditation.</p> <p>eValue will automate processes that are currently paper-based, such as evaluations of students' clinical success, that cannot be effectively managed in the current remote work environment. Additionally, new requirements for submitting Covid-related documentation and attestations for clinical sites require centralized administrative access which will be provided via this tool.</p> <p>The request for this software is also time sensitive due to Covid and CARES funding submissions.</p>	<p>Dean Laurie Clabo, Dean of Nursing; approved by Kenneth Doherty</p>

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15	P0960704 M Braun, Inc.  \$ 72,000.00  General Fund Account Faculty Start Up	<p><b>Basis: Informal Sourcing conducted by the Requesting Department</b>            One Inert Atmosphere Glovebox for the Chemistry Department to be constructed by MBraun.</p> <p>The request includes the glovebox, installation, service, and a programmable vacuum oven. This glovebox is manufactured specifically by MBraun with specifications that are not well-accommodated by other glove-box manufacturers</p> <p>These features are necessary for the synthesis of air-sensitive porous materials, a major research thrust of James Bour's lab in the Chemistry Department.</p> <p>There are two other vendors that also do customization for gloveboxes Chemistry researched: LC technologies and Inert Technologies. Both of these manufactures could not meet the customization requirements required for the research being done in the lab. This conclusion was reached after speaking with sales vendors and the engineers at all three companies.</p> <p>While the other vendors can compete or surpass MBraun in quality for base model gloveboxes, they do not compare when extensive customization is required.</p>	Matthew Allen, Chair of Chemistry; approved by Kenneth Doherty
16	P0961200 Global Life Sciences Solutions USA LLC  \$ 30,035.34  General Fund Account - Faculty Start Up	<p><b>Basis: Scientific Judgment based on Equipment Functionality</b>            ÄKTA™ Laboratory-scale Chromatography Systems for Immunology to be purchased from Global Life Science Solutions.</p> <p>This instrument is intended for routine protein purifications in Dr. Yuan He's research lab. This item is manufactured by Cytiva (<a href="https://www.cytivalifesciences.com/en/us">https://www.cytivalifesciences.com/en/us</a>), a former part of the GE healthcare life sciences group.</p> <p>The main applications for protein chromatography are either to analyze a protein sample or to prepare pure protein, sometimes referred to as preparative purification. For a successful result in both of these applications, high resolution is often important. High resolution is obtained by the use of chromatography media with combined high selectivity and efficiency. High selectivity ensures that the protein is bound to the media. High efficiency means that the protein peaks obtained are narrow and that good separation can be achieved.</p> <p>This is the only equipment that meets the above requirements sold in the US. It is sold exclusively by Global Life Sciences Solutions USA LLC. It is a trade-marked system and is not manufactured anywhere else.</p>	Phillip Pellett, Immunology; approved by Kenneth Doherty

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17	P0961859 CH Technologies USA, Inc.  \$ 46,200.00  General Fund Account - Faculty Start Up	<p><b>Basis: Informal Sourcing conducted by the Requesting Department</b>            Whole-body exposure chamber for the OB/GYN Department from CH Technologies. This chamber contains a bio-containment cage for whole body exposure of mice and rats, mounting rack for up to 4 BCU (Biomass to Energy) exposure cages, reverse flow VOC (Volatile Organic Compounds) vapor generator for liquids and 14,500.00 14,500.00 solids, and other accessories.</p> <p>This is a custom exposure chamber and VOC setup for inhalation toxicity studies that is available from only one manufacturer.</p> <p>A quote from KIN-TEK Analytical, another company with similar equipment, was solicited and at \$61,656, it was considerably more expensive for a less accessible and complete system.</p> <p>This is a custom-built apparatus that requires direct communications between the researcher and the manufacturer. Currently, CH Technologies is the only manufacturer of this type of equipment with all of the required specifications (ie: bio-containment cage, and the VOC set-up).</p>	Melissa Runge-Morris; Dept of IEHS/CURES; approved by Kenneth Doherty
18	P0961937 Bio-Rad Laboratories  \$ 27,368.00  General Fund Account - Faculty Start Up	<p><b>Basis: Scientific Judgment based on Equipment Functionality</b>            ChemiDoc™ Imaging System for Ophthalmology to be purchased from BioRad Laboratories.</p> <p>This imaging system is required for Protein and Agarose Gel imaging. The system allows sensitive imaging and documentation of DNA /protein gels and chemiluminescent western blots. The western blotting technique is used to decipher the molecular signaling undergoing in various pathologies. In addition, the research includes the use of PCR to genotype transgenic and knockout animals. In both cases, an imager to visualize the resulting findings is required.</p> <p>While there are other vendors in the market, these companies can provide either a western blot imager or DNA imager, but not both in one system. BioRad is the only vendor that provides a single imager with both protein and DNA documentation. The Chemiluminescence sensitivity matches X-ray film and it has easy-to-use software.</p>	Dr. Linda Hazlett; Vice Dean of Research and Grad Programs; Approved by Kenneth Doherty

**18 / \$ 1,059,450.68**

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<b>B. EXECUTIVE OFFICER WAIVER FOR PROFESSIONAL SERVICES (S23)</b>			
19	P0954863  \$ 40,500.00  General Fund Accounts; School of Medicine	<p><b>Basis: Only Known Source for Alternative On-Line Learning Platform</b> 12 Month Osmosis Prime Access License for 300 M2 Students (April 10,2020 - April 9, 2021) from Osmosis Inc.</p> <p>Osmosis Inc. offers an On-line adaptive learning platform for WSU medical students to increase their knowledge by utilizing a Flipped Classroom model. Under the Flipped Classroom model, students interact with material first then the instructors have a better understanding of levels of understanding of students.</p> <p>Osmosis utilizes evidence based learning to enhance the student-instructor interaction to increase learning. Osmosis offers an extensive catalog of medical and health videos that assist students in studying strategically and learning at their own pace. There are no other sources known that match Osmosis student resource materials currently being used by the School of Medicine</p>	DeShaun Harris, Director, Medical Student Services; approved by Michael Wright
20	P0951757  \$ 26,850.00  Indirect Cost Return, Behavioral Health & Justice Center	<p><b>Basis: Continuation of Professional Services through the Recommended Source:</b> Consulting Services for the School of Social Work provided by Celeste Rabaut. Ms. Rabaut will work with the CBHJ on the Stepping Up (SU) and Wayne County Clinic for Child Study (WCC) projects as a strategic planner and external facilitator respectively. Her role on the SU project includes working closely with county-level behavioral health and criminal/legal stakeholders to guide the development of an advisory board and short- and long-term goals. Her role on the WCC project includes the external facilitation of discussions between key county-level municipal, criminal/legal, and behavioral health stakeholders to guide discussion around the implementation of an enhanced juvenile justice process.</p> <p>Ms. Rabaut has provided services to the CBHJ team since 2015 and has been providing consulting and strategic planning services to non-profits and community agencies independently for over 18 years. For Stepping Up, the development of an advisory board and short- and longterm goals requires the skills of a seasoned strategic planner to navigate the sometimes conflicting views and needs of behavioral health and criminal/legal stakeholders. Ms. Rabaut has successfully served as the strategic planner for Stepping Up since the grant was received in 2019 and has continued to serve in this capacity in 2020. Her work on the Stepping Up project led to her involvement in externally facilitating a series strategic planning meetings for the Wayne County Clinic for Child Study.</p> <p>Based on the progress and results of this effort, the County, through Chief Judge Kenny of the Third Circuit Court, has explicitly required Ms. Rabaut to continue to serve as the external facilitator on the project going forward. Ms. Rabaut has been written into the budget and proposal materials for the Clinic and Stepping Up projects.</p> <p>Prior POs include P0951757 03/23/2020 \$20,150.00 P0941103 12/18/2019 \$17,550.00 P0890496 12/5/2018 \$45,500.00 \$83,200.00</p>	Sheryl Kubiak, Dean of Social Work, approved by Michael Wright

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
21	P0959804 Ann Marie Delisi  \$ 94,548.00  Auxiliary Fund Accounts, WDET	<p><b>Basis: Continuation of the Service Provider under a New Contracting Model</b>            Program Services from Ann Marie Delisi, including producing and hosting tge WDET Radio Program "Ann Delisi Essential Music" as well as provide consulting services towards fundraising efforts.</p> <p>It was recently determined that Program Hosts at WDET should be treated as independent contractors, and not as University employees. Ms. Delisi is the featured host and radio personality of part of the WDET Program regular line-up. Thus, to continue with her program, a single source contract was needed, as this service cannot be bid out.</p>	
22	P0953861 Jack Farrell & Associates  \$ 31,200.00  Auxiliary Fund Accounts, University Press	<p><b>Basis: Recommended Source for Professional Services</b>            Recruitment activies for the Director of University Press from Jack Farrell &amp; Associates. Jack Farrell is the most qualified recruiter for this purpose. He has considerable experience in recruiting leadership positions for university presses and other academic publishers throughout the country, and extensive connections throughout the publishing and academic community. He worked on contingency with the committee conducting the director search a year ago and produced a strong pool of candidates. Thus he already knows WSU Press well, knows its needs and challenges, and is the best qualified to assist in restarting this search, with the ability to go back to the previous pool as well as seek out promising new applicants.</p> <p>The other option considered was not using a recruiter for this search. However, recruiting a well qualified permanent director has become all the more urgent now, given the changes in reporting structure for the Press over the past year and the extension of an interim appointment. The Press has been without a permanent director for 3 years now, and it is felt that retaining the services of an outside recruiter will provide the best chance to attract strong candidates reasonably quickly and result in a successful hire.</p> <p>The \$35,000 represents 28% of the anticipated first year salary before benefits or other one time payments, and is below the average 30 - 33% normally charged by recruiters, a rate that normally includes any benefits, signing bonuses, moving expenses, etc.</p>	Kathy Wildfong, Interim Director of Univ Press; approved by Kenneth Doherty
23	P0961698 Robert Reinhart  \$ 32,305.50  Auxiliary Fund Account, WDET	<p><b>Basis: Continuation of the Service Provider under a New Contracting Model</b>            Program Services from Rob Reinhart, including producing and hosting the WDET Radio Program "Robert Reinhart Essential Music" as well as provide consulting services towards fundraising efforts.</p> <p>It was recently determined that Program Hosts at WDET should be treated as independent contractors, and not as University employees. Ms. Delisi is the featured host and radio personality of part of the WDET Program regular line-up. Thus, to continue with her program, a single source contract was needed, as this service cannot be bid out. 2 purchase orders are to be issue with total value of \$43,000, thru the 2021 Fiscal Year.</p>	Kenneth Doherty, on behalf of WDET; approved by Bryan Dadey

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
24	P0961311  The Conversation US, Inc.  \$ 40,000.00  General Fund Account, Recognition Campaign	<p><b>Basis: Professional Membership Only Available through this Source</b>            Financial membership for the Office of Marketing and Communications in The Conversation. The Conversation curates an independent source of news from the academic and research community and delivers the content directly to the public.</p> <p>A partnership with this organization will provide unique opportunities to share WSU faculty and research initiatives to a targeted audience for redistribution. A few examples of other member institutions include the University of Michigan, Michigan State University, Georgia State University, Rutgers, and Colorado State University.</p> <p>The Conversation provides access to a targeted audience for publishing WSU content. Their targeted approach ensures content is sourced from university scholars and researchers who have deep expertise in their field of study. The content is disseminated to more than 22,000 sites worldwide with a global reach of 35 million readers a month.</p> <p>The Conversation is a not-for-profit organization. The annual fee allocated to this initiative will provide WSU access to the Conversation’s editorial team; ensure targeted distribution of WSU news/research content and detailed analytics tools to access the impact of the program. The unique target audience distribution is not available through other outlets.</p>	Matt Lockwood, AVP - Marketing & Communications; approved by Bryan Dadey
25	P0926877  Fraser Trebilcock Davis & Dunlap PC  General Fund Account, C+It Coningency Fund	<p><b>Basis: Recommended Source for Professional Services</b>            Consulting Services to support the implementation of the MTRAC (Acceleration and Commercialization Program in Advanced Computing for the Department of Research. Edward Kim has a hghly specialized skillset and expertise. His services will include the assembly of the advisory committe, and the assessing and establishing the technology pipeline. Ed was selected for his ability to recruit advisory groups. He is also been recommended by the funding aagency as having the unique qualifications to assist in this program.</p> <p>For over 20 years, Ed held numerous management, board advisor and founder roles in investor backed tech startups, as well as management and technology assignments in Fortune 100 companies.</p> <p>As an entrepreneur, Ed co-founded, raised capital and led multiple technology start-ups commericalizing innovative digital &amp; automation solutions, and a machine learning technology. Ed has successfully led new market development in the US, South Korea, China,, Russia, Italy, and India, acquiring such customers as Samsung, Mercedes, Volkswagen, Ford and Tata.</p> <p>Ed held various finance and operational leadership positions at FOrd, responsible for new vehicle program launches, M&amp;A and financial turnarounds. As a global director of advanced products at a FIAT industrial company, Ed led the development of several new product and technology innovations for next generation process automation and machine intelligence solutions.</p>	Joan Dunbar, Associate VP Tech Comm, OVPR; approved by Michael Wright



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<b>PO NUMBER</b>	<b>VENDOR / PRICE FUNDING SOURCE</b>	<b>DESCRIPTION</b>	<b>Approved by</b>
26	P0960162  Fraser Trebilcock Davis & Dunlap PC  General Fund Account, C+It Coningency Fund	<p><b>Basis: Recommended Consultant for Professional Services</b> Consulting services from Fraser Consulting, LLC to facilitate the sale of one/16 block consisting of 65,536 of WSU's 1Pv4 address resources. The value of each 1Pv4 address is estimated to be \$20-28.</p> <p>These 1Pv4 legacy address blocks (2) were acquired by WSU/C&amp;IT prior to the creation of entities that manage these resources. These IP resources have since been registered with American Registry for Internet Numbers (ARIN) and are available to be used or sold as we choose.</p> <p>This is a specialized market requiring a unique knowledge and experience set that this vendor has obtained through multiple large scale transactions. The standard percentage for this service is 5% of the total sale of the IP address block. This vendor was recommended by Merit Network and handled their IP transfer in the past.</p> <p>C&amp;IT has determined that we have more than ample resources with a single block and requires assistance in finding a buyer and transacting the sale of the 2nd block requiring of IPs. This will ultimately result in another agreement between WSU and the buyer for a predetermined value to be paid to WSU, with 5% charged by Fraser Consulting, LLC as a fee for services rendered.</p>	Daren Hubbard, AVP & CIO of C&IT; approved by Michael Wright
<b>7 / \$ 265,403.50</b>			
<b>C. URGENT OR EMERGENCY REQUIREMENT (S06)</b>			
27	P0957527  Team fEMR  \$ 48,750.00  Grant, Contracts, Restricted Gift Accounts, VP Research	<p><b>Basis: Part of the COVID-19 Testing Ramp Up</b> Electronic Medical Records system for blood pressure screening events held through mobile held throughout metro Detroit, from Team fEMR.</p> <p>fEMR will host the medical records system, to provide clients with information. The system will also export and import information from the state-wide health information exchange, such that fEMR records are accessible to most healthcare facilities throughout the State of Michigan, and an interface that matches our current processes.</p> <p>Team fEMR will update and maintain software and ensure equipment is in good working order throughout the duration of the agreement.</p> <p>The service is required as part of a Michigan Department of Health and Human Services (MDHHS) grant. MDHHS requested our collaboration with fEMR. The system costs \$48,750 and will be maintained by the vendor.</p>	Phillip Levy, OVPR; approved by Kenneth Doherty

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<b>PO NUMBER</b>	<b>VENDOR / PRICE FUNDING SOURCE</b>	<b>DESCRIPTION</b>	<b>Approved by</b>
28	P0957633  \$ 8,910.00  Designated Fund Account, VP Research	<p><b>Basis: Emergency Refill of Liquid Helium to Protect the MRI</b> Refill of Liquid Helium used to cool / protect the 7T MRI Magnet through Bruker Biospin. The level of Liquid Helium became significantly low.</p> <p>Bruker provides the routine maintenance for this equipment, and was the natural service provider for this off-contract maintenance.</p> <p>Reference Maintenance POs  P0924242 8/26/2019 \$46,648.95  P0880304 9/21/2018 \$45,071.44  P0825749 8/04/2017 \$37,500.00  P0775247 7/70/2016 \$40,000.00  P0731333 7/29/2015 \$40,000.00  P0682698 7/11/2014 \$40,000.00  P0640443 8/02/2013 \$40,000.00</p>	Dr. Steven Lanier, VP for Research, approved by Kenneth Doherty
<b>2 / \$ 57,660.00</b>			
<b>D. COMPATIBILITY WITH PREVIOUSLY PURCHASED EQUIPMENT OR SERVICES</b>			
29	P0954524  \$ 29,951.66  Auxiliary Fund Accounts; SCB Administration	<p><b>Basis: Compatible with Prior Software Purchases, through a New Supplier</b> Social Tables Scheduling Software from Cvent for the Student Center. The University has been using this software for several years. It is more cost effective to enter into a 5 year agreement at \$29,951.66 to keep the costs lower.</p> <p>Social Tables was recently purchased by larger company, Cvent, and the University has an opportunity to continue with the cost that was previously set by Social Tables. In addition, if the Student Center enters into a 5 year agreement, the cost escalation will be set at 3% per year. When the software is renewed annually, the cost increase was set at 0% per year until the University reaches the current market rate.</p> <p>It is important to renew with Social Tables (Cvent) as this software is already configured with several of the buildings on the Wayne State Campus.</p> <p>Previous PO's:  P0907682 4/18/2019 \$4,350.00  P0907682 4/18/2019 \$1,000.00  P0858072 4/10/2018 \$4,080.00  P0806406 3/10/2017 \$3,550.00  P0767063 4/29/2016 \$3,300.00  P0723038 5/22/2015 \$3,500.00  P0695215 10/14/201 \$3,500.00</p>	Andrea Gerber, Director of Student Center; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
30	P0940202	LaForce, Inc  \$ 25,900.00  Plant Funds, Holden Fire & Security Conversion	<p><b>Basis: Preferred Supplier for Campus Security Infrastructure</b>            Fire and Security Alarm installation at the Central Receiving Office-1200 Holden Street by LaForce, Inc.</p> <p>LaForce previously was contracted to install the security system to the building but not the loading dock area, at a cost of \$23,475.00. The update to the project will cover the loading dock, at the cost of \$2,425.00.</p> <p>This increase will cover the installation of an updated security system to connect security and fire alarm systems of loading dock area to WSU Public Safety Network, which in turn will allow for 24 x 7 monitoring by the WSU Police. Presently, the building is secured through Guardian Alarm as a stand-alone building.</p>	Robert Davenport, AVP for Facilities, approved by Bryan Dadey
31	P0929153	Eurofins VRL, Inc  \$ 34,500.00  General Fund Account, Mortuary Operation	<p><b>Basis: Continuation of Laboratory Services with Recommended Source</b>            Blood testing (including COVID-19) on cadavers for the Mortuary Science Department, provided by VRL EUROFINS, INC . This testing is required for all cadavers as they arrive at Scott Hall.</p> <p>Detroit Receiving Hospital no longer provides this service to the University. VRL Eurofins, Inc., has provided us with testing materials, which include paperwork, test tubes, packaging materials, and shipping costs along with an expedient turnaround time of 48 hrs.</p> <p>This service is required for the safety of students, and for the furtherance of medicine while teaching medical students. The Mortuary Science Supervisor has the distinct expertise required to make informed decisions regarding the detailed blood analysis requirements for cadavers being delivered.</p> <p>The initial PO was below the University's \$25k bid limit. The PO was increased once before by \$2,500, from \$24,00 to \$26,500. This waiver increases the existing PO P0929153 by \$8,000, from \$26,500 to \$34,500. Because of the enormous number of cadavers received over the past year, Mort Sci has exceeded the amount originally requested.</p> <p>Prior POs include: P0887399 - (10/1/18-9/30/19) - \$24,000            P0880252- (10/1/18-9/30/19) - \$2,500            P0872069 - (7/1/18-9/30/18) - \$1,500</p>	Dr. Linda Hazlett; Vice Dean of Research and Grad Programs; Approved by Kenneth Doherty

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32	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0891444	Pathogen Control Associates Inc  \$ 165,000.00  General Fund Account, OEHS Administration	<p><b>Basis: Continuation of Recommended Source for Professional Services</b>  Water sample Anylization Services for the Office of Environmental Health and Safety (OEHS) to be provided by PathCon Laboratories. PathCon analyzes water samples for Legionella bacteria as requested by WSU's Water Safety Team.</p> <p>PathCon is Environmental Microbiology Laboratory Accreditation Program (EMLAP) accredited for bacteria detection, is American Association for Laboratory Accreditation (A2LA) accredited for Legionella analysis, exceeds CDC and ISO standards for Legionella detection, and is usually able to provide preliminary verbal lab results 4 days after samples are received. PathCon has visited Wayne State on multiple occasions and is familiar with the specific building systems that are being testing, which allows PathCon to provide long-distance consultation when needed.</p> <p>To protect public health, there is a critical need to constantly analyze water samples for Legionella bacteria following a consistent analytical and reporting methodology in order to determine when corrective actions are needed and when proactive modifications to the WSU Water Safety Program are warranted.</p> <p>Due to variation of analytical methodology and reporting, it is critically important to continue to work with the same lab in order to accurately compare current and previous results.</p> <p>PathCon was selected to provide consultation and lab services as an internationally recognized authority in Legionella detection, analysis and remediation.</p> <p>OEHS is researching other laboratories that are certified to perform Legionella analysis and determining if they possess the capability to maintain the level of analysis. There are no other laboratories that are familiar with our campus including the specific building systems the University is testing.</p>	Robert Moon, Director of OEHS, approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
33	P0932530	Lightning Source, Inc  \$ 130,000.00  Designated Fund Account, University Press	<p><b>Basis: Continuation of Recommended Source for Professional Services</b>            Print on Demand Services for short runs and distribution of University Press Books from Lightning Source (LSI).</p> <p>This bid waiver is issued to increase the FY 2020 PO P0932530 by \$30,000, from \$100,000 to \$130,000, due to higher usage / sales than initially anticipated.</p> <p>LSI provides on demand service in the European marketplace which allows the WSU Press global circulation. Utilization of Lightning Source allows University Press to POD drop-ship books directly to customers.</p> <p>Only LSI offers the distribution channels and direct one-off POD via Ingram that the Press's distributors currently work with. The Press is beginning to investigate competitive options for the future, but at this time, they are the only known source for this distribution network.'</p> <p>Prior POs to Lightning Source include            P0932530 10/21/19 \$100,000.00            P0881927 10/03/18 \$35,000.00            P0878302 9/10/18 \$120,000.00            P0838037 10/30/17 \$30,000.00            P0833855 10/02/17 \$91,500.00            P0793898 11/23/16 \$30,500.00            P0790909 11/3/16 \$51,000.00</p>	Stephanie Williams, Director of University Press, approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
34	P0953844	<p>Meso Scale Diagnostics, LLC.</p> <p>\$ 260,023.50</p> <p>General Fund Account, ICR OB/GYN</p>	<p><b>'Basis: Compatible with Prior Research Supplies Purchases</b>            Research Kits for the Perinatology Research Branch (PRB) from Meso Scale Discovery (MSD). These kits include:            V-PLEX chemokine panel 1 (human),            Proinflammatory panel 1 (human) and            Cytokine panel 1 (human) kits.            These kits from Meso Scale Discovery are used to determine the immune mediators in studies of pregnant women.</p> <p>The PRB already has an MSD instrument. The reproducibility of the MSD V-PLEX kits are integral to the studies being performed at the PRB. Therefore, in order to continue these studies, the PRB placed this order for Meso Scale Discovery V-PLEX kits.</p> <p>Meso Scale Discovery V-PLEX kits are standardized products that have been proven to reliably yield reproducible results compared to the traditional methods (e.g. ELISA). Meso Scale Discovery V-PLEX kits enable researchers to quantify several analytes in one plate and minimize sample volume            The Units already have ongoing studies utilizing these The PRB requires the continued use of these kits in order to maintain experimental consistency.</p> <p>Previous POs            P0935021 - 11/4/2019 -- \$8,369.10            P0849284 - 1/30/2018 -- \$45,532.80            P0825747 - 8/4/2017 -- \$53,203.20</p>	<p>Chaur-Dong Hsu,            Project Site            Manager PRB;            approved by            Kenneth Doherty</p>

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35	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0955689	Access Interactive LLC  \$ 17,850.00  Designated Fund Accounts, C&IT	<p><b>Basis: Compatible with and Expansion of Existing System</b></p> <p>Access Interactive VAR for Dell/VMware- Purchase of a 6-node VMware vSAN cluster consisting of Dell R740XD servers and associated software, hardware and professional services. The software and hardware will be installed to scale out the College of Engineering's current VDI environment in order to accommodate 500 new users at the launch and continued use of the STEM Innovation Learning Center.</p> <p>VMware's vSAN software is only supported on specific servers that listed on the vSAN compatibility list. Currently, WSU is utilizing the Dell R740xd servers, which are on the compatibility list and used currently on its existing vSAN and Video Security environments. This line of servers has proven highly desirable for maintaining compatibility with the existing infrastructure investment and systems management tools and procedures.</p> <p>VMware is the hypervisor used at WSU for hosting virtual platforms. Maintaining this compatibility with our existing environment is highly desirable for reducing personnel support costs and operational compatibility. All other VMware support contracts have been procured through Access Interactive and maintaining a single support agreement is important for managing the various VMware product licenses and leverages the overall spend for our discount level.</p> <p>This waiver includes a five (5) year pre-paid hardware maintenance and one (1) year prepaid software licensing with projected costs for software licensing and maintenance for years 2-5 to align with the five (5) year hardware-licensing frame.</p> <p>Costs as follows:  Year 1- \$538,587 Initial purchase  Years 2-5 \$125,000 per year Software subscription, for a total of \$500,000.</p>	Keith Whitfield, Provost, approved by Bryan Dadey

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36	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0955206	WISR, Inc  \$ 55,000.00  General Fund Account, Provost Retention Initiatives	<p><b>Basis: Use of Refurbished Equipment from a Single Source</b> Design and implementation services and a three year software subscription for an enterprise-wide solution for virtual community and mentor-ship support for C&amp;IT, to be provided by Wizr.</p> <p>The software will provide community and mentor-ship support through the entire student life cycle, from prospective student through alumni donor. This request is an expansion of an existing license of the Wizr platform already in use by our Enrollment Management department (P0951593, dated March 202 for \$10,000.00).</p> <p>Wizr offers an innovative and unique system that allows the University to create communities of individuals who match similar interests, careers and knowledge. The software evaluation team chose to expand this license, as opposed to adopting a new solution, in order to take advantage of the existing knowledge of the platform and leverage existing integrations.</p> <p>As a result of this enterprise level agreement, Wizr and WSU are also entering into a developmental partnership. Wizr will provide all services for development and implementation of the Wizr platform software in exchange from some negotiated hours of WSU professional services to develop the vendor's single sign-on, APIs, mobile application and Web views. This allowed WSU to negotiate very favorable pricing for this software subscription. The evaluation teams compared other tangentially similar software packages such as Handshake, which the University has used in the past, but Handshake has a more narrow focus such as career placement, or target a more narrow population and thus were not considered to match the required business need.</p> <p>The current \$10,000 Purchase Order, P0951593 is for a single departmental only license. This will be credited against the new agreement once it has been established.</p>	Daren Hubbard, AVP of C&IT; approved by Kenneth Doherty



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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
37	P0955638 Tobe Jackson Perry  \$ 63,750.00  Grant Fund Accounts, PRB Administration	<p><b>Continuity of Services from Recommended Source</b>            Computer Maintenance Services from TJP Software; including network, hardware, &amp; database support, on a part time basis, for the Perinatal Research Branch (PRB). TJP has provided unique computing services to the PRB for over 20 years, and has unique experience and skills to provide continued service to the unique needs of the PRB. The specialized needs include: storage of ultrasound images, interfacing with the hospital's electronic medical records, coordination of clinical and specimen databases, computer support for lab equipment, and general desktop support for all PRB Computers.</p> <p>The PRB is an "off campus" facility and the services of the TJP would be difficult to acquire from another source given the expense, training and time.</p> <p>Prior PO's include:</p> <p>P0951002 03/16/2020 \$ 23,500.00            P0945786 02/05/2020 \$ 24,000.00            P0890811 12/06/2018 \$100,000.00            P0844315 12/14/2017 \$100,000.00            P0797539 12/22/2016 \$ 31,750.00            P0797539 12/22/2016 \$ 55,750.00            Requisitioned Amount: \$63,500</p>	Chaur-Dong Hsu, Project Site Mgr PRB; approved by Michael Wright

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
38 P0959400	Dell Incorporated  \$ 107,127.27  Plant Fund Account, Fiber Construction	<p><b>Compatible with Existing Equipment initially Selected Via Competitive Bid</b>            Network switch hardware from Dell Inc., which will allow computing devices to communicate across the WSU network. The switches will be used for the Computer &amp; Information Technology Data Center Refresh Project and purchased during the 2020 fiscal year. These switches are a critical component to our network infrastructure.</p> <p>The current switches are at the end of life (EOL) and end of support (EOS). This purchase will replace thirteen switches which support the distribution of all campus Edge devices to C&amp;IT Data Center network services. Seventeen switches will be purchased which allows for the immediate use of thirteen and leaves us with four spares for immediate replacement when needed. These switches have will have an expected lifespan of 7-to 10 years.</p> <p>In 2014, Dell's Networking switches were selected for the installation of the VoIP System after price comparison with Cisco, another vendor Dell offered their switches at a lower price point. This VoIP system integrated the University's phone and internet services</p> <p>In 2016, Dell Network switches were again selected after a formal bid process through the Office of Procurement &amp; Strategic Sourcing (PASS),,which resulted in an award to Dell's reseller: Access Interactive.</p> <p>After installing 500 Dell switches, it has been determined that Dell's product offers the functionality required to seamlessly integrate into the WSU technological infrastructure. Purchasing direct from Dell results in lower pricing for an order of this size. Dell switches are a critical and primary component to the University's network infrastructure and we continue to choose Dell for appropriate projects and replacement of old equipment.</p>	Daren Hubbard, AVP & CIO of C&IT; approved by Kenneth Doherty
39 P0958884	Farnell Equipment Co.  \$ 52,750.00  General Fund Accounts, VP Research	<p><b>Compatible with Existing Infrastructure Equipment</b>            60" V05 Venturi Fume Hood Assemblies by Kewaunee Scientific for the Integrated Biosciences Center (IBIO) to be provided by Farnell Equipment Company.</p> <p>The requested fume hoods are an important part of the coordination of the move of BioMedical Engineering and the Hypertension and Vascular research group coming on board at IBIO.</p> <p>Farnell handled the original fume hoods that were installed at IBIO and consistency is required for this research. The purchase also insures the ease of training on the equipment throughout the building, and consolidation of the maintenance contracts and any required repairs. Farnell has these fume hoods in stock, so there will be no delay in receiving and installing them.</p> <p>Continuity is of utmost importance and these hoods will match the existing hoods already in place at IBIO.</p>	Steven Lanier, VP Research; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
40	P0958239 Active Motif Inc  \$ 34,635.00  Grant Fund Accounts; Pharmaceutical Sciences	<p><b>Basis: Compatible with Prior Purchases of the Same Supplies used in Research</b>            ChIP-sequence analysis for arsenic-induced Nrf2, HIF1a and AhR in wild-type and Nrf2-knockout cells, for the Department of Pharmaceutical Sciences. Active Motif Inc., has performed ChIP-seq for Pharm Sci previously, as evidenced in recent publications. Active Motif Inc has the best known technology and experience for ChIP-seq.</p> <p>Pharmaceutical Sciences was provided with prices at a 10 to 50% discount.            Prior PO's include:            P0945290 - (2020) - \$5,400.00            P0899194 - (2019) - \$24,120.00            P0897458 - (2019) - \$28,010.00</p>	Fei Chen, Pharmaceutical Sciences; approved by Kenneth Doherty
41	P0960842 Farnell Equipment Co.  \$ 132,708.50  General Fund Account, VP Research	<p><b>Basis: Compatible with Existing Equipment based on original buiding installation</b>            Lab benches and fume hoods for the Integrated Biosciences Center (IBIO) from Farnell Equipment.</p> <p>The items being purchased are Kewaunee Enterprise Adjustable Benches &amp; Mobile Enterprise Base Cabinets. This is the second part of a two part purchase that began on P0921122 in August 2019 for \$132,708.50. The combined 2 orders come to a total of \$265,417</p> <p>This order is intended to match existing equipment that was provided for Farnell on a Bid Waiver on P0753597 for \$252,170.00 in 2016. Farnell was the original supplier, understands the lab dynamics, and also performed the original installation.</p> <p>The benches are modular and may be mixed and matched with existing benches in the future, which necessitates using the same supplier as originally used.</p> <p>The purchase also insures the ease of training on the equipment throughout the building, and consolidation of the maintenance contracts and any required repairs.</p>	Antonio Yancy; IBIO; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
42	P0961201 Aquifer Inc  \$ 65,325.00  General Fund Account, School of Medicine, Omnibus	<p><b>Basis: Continuation of use of Existing System based on Prior Orders</b>            Annual license for the use of a web-based database of clinical virtual patient cases from Aquifer, Inc. for the Institute for Innovative Technology in Medical Education.</p> <p>This is a continuation of an existing agreement to use this product, which is now fully integrated into the curriculum. We have used this software since 2005.</p> <p>As we continue to search regularly, no other product has the features and benefits to our educational program as this product. Teaching faculty are contacted for validity before renewing annually.</p> <p>Prior POs include:            P0917768 7/8/2019 \$62,500.00            P0873488 8/3/2018 \$57,500.00            P0820237 6/20/2017 \$44,600.00            P0770404 5/25/2016 \$43,100.00            P0725198 6/10/2015 \$39,000.00</p>	DeShaun Harris, Director of MSS; approved by Kenneth Doherty
43	P0962106 SIGHTLINES LLC  \$ 103,900.00  General Fund Account FP&M AVP	<p><b>Basis: Continuation of Services to Ensure Consistency of Analysis</b>            Membership in the Sightlines LLC organization, to obtain an independent and rigorous assessment of the campus plant portfolio. This assessment will include measurement, valuation, benchmarking and analysis of the 6.1 Million general fund physical plant space, along with a review of FP&amp;M operations and spending &amp; investing patterns. All reports and observations will be provided back to Facilities Planning &amp; Management (FPM).</p> <p>Additional scope has been added to the original 2016 contract to get a strategic capital planning solution and building portfolio analysis for the University. This includes technical data collection and analysis for campus buildings, as well as tailored recommendations and final presentations along, with a capital plan.</p> <p>Sightlines offers a one kind unique benchmarking membership and their independent analysis. No other known firm has a comparable offering. The goals include the establishment of a credible and comprehensive foundation of field-validated facilities and financial intelligence, in order to identify and mitigate facilities risks and make more data-driven and strategic decisions. In addition, the goal is to provide a facility condition index.</p> <p>While there are some Architectural and Engineering firms that provide Building condition analysis and recommendations, those firms engage in other offering as well including architectural design and project management and do not provide the independent comprehensive, ongoing analysis of investment and impact that the Sightlines offering will provide.</p> <p>This will be a 2nd three year of the engagements with Sitalines. Because thof the uniqueness of the Sightlines membership, this is not an opportunity for a comp</p>	Robert Davenport AVP of FP&M; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
44	P0962135	Vanderbilt University Medical Center  \$ 37,287.36  Grants, Contracts, Restricted Gift Accounts, KCI	<p><b>Basis: Continuation of Services to Ensure Consistency of Analysis</b>            Genotyping samples for Dr. Ann Schwartz's research study (Detroit ROCS) in Oncology Department. Wayne State does not have a Genomics Core that is able to do this work. Oncology has worked with Vanderbilt Core Lab last year to process samples for the same Project, and consistency is important in processing the samples for this research.</p> <p>In the past, Oncology worked with the University of Michigan for genotyping services. However, Oncology has found that costs at the Core Lab at Vanderbilt are considerably lower, and therefore are able to genotype more samples.</p> <p>Previous PO# s issued to the Vanderbilt Core Lab include:            P0934829 11/14/2019 \$75,075.00            P0880999 9/27/2018 \$88,787.60            P0876261 8/23/2018 \$72,490.00            P0853644 3/8/2018 \$ 27,500.00</p>	Ann Schwartz, Deputy Director; approved by Kenneth Doherty
45	P0962315	Coverys Insurance Services  \$ 155,483.00  Designated Fund Accounts, multiple departments	<p><b>Basis: Continuation of Services Formerly Provided to the University Physician Group</b>            Medical Student Liability Insurance for the School of Medicine through Coverys Insurance Services. Coverys provides liability and health insurance for WSU School of Medicine medical residents and students.</p> <p>This is a renewal of insurance that had previously been purchased for students by the University Physicians Group, and who was subsequently reimbursed by Wayne State. A change to having Wayne State purchase the insurance directly from Coverys came about without sufficient notice to put new coverage in prior to the July 1 renewal deadline.</p> <p>Coveys is also used for student health insurance, and for other liability policies in affiliate programs.</p>	Martha Jordan, GME; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
46 P0962485	Underscore_Branding LLC  \$ 38,500.00  General Fund Account - Admissions Admin	<p><b>Basis: Continuation of Services to Ensure Consistency of Analysis &amp; Recommendations</b> Continued Slate Consulting Services for Undergraduate Admissions from Underscore Branding.</p> <p>The consulting services are to help to maintain and improve the enrollment process and improve the WSU business practices. The Slate consultant provided by Underscore Branding also has expertise in the Slate CRM and will provide communication planning for student recruitment as well as create and maintain 2020 student recruitment campaigns for the Department of Undergraduate Admissions.</p> <p>Underscore Branding is the only company that offers Slate consulting services. In addition, they are the only company that has been recognized by Technolutions, the inventors of Slate as a Platinum Service provider.</p> <p>Other PO's to Underscore Branding include P0957768 in July 2020 at a cost of \$10,000, P0907012 in Apr-19 at a cost of \$7,500, P0898660 in Feb-19 \$72,000, P0898659 in Feb-19 \$49,000, P0861644 in May-18 \$13,000, P0860077 in Apr-18 \$21,000, and P0856510 in Mar-18 \$24,000, for a total of \$196,500.</p>	Dawn Medley, Enrollment Management; approved by Kenneth Doherty

**19 / \$ 1,809,691.29**

**E. PARTNERSHIPS/SPONSORS**

**0 / \$ 0.00**

**F. Bid Waiver not signed off by Procurement. Ordering Dept signed off on contract.**

**0 / \$ 0.00**

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<b>PO NUMBER</b>	<b>VENDOR / PRICE FUNDING SOURCE</b>	<b>DESCRIPTION</b>	<b>Approved by</b>
47	<b>G. OTHER (SEE EXPLANATION)</b> P0954840 Zoom Video Communications Inc  \$ 37,286.96  General Fund Accounts; Technology Resource Center	<p><b>Basis: Specialized Application in Emerging Market to provide Continuity of Off-Campus Instruction</b>            Video communication and collaboration software subscription for Computing &amp; Information Technology to be provided by Zoom.</p> <p>This is for a prorated annual licensed high volume (5000 seats) video communication and collaboration software subscription, high volume (500 participants) meeting space, and Zoom rooms (5) used for teaching and research and other WSU communications as needed by the University.</p> <p>This purchase is required to allow WSU to provide consistent and superior delivery of on-line teaching and classroom services and to also supplement meeting offerings for certain WSU staff. This software subscription is being purchased for one year (prorated based on original purchase of 20 licenses in March 2020 on P0949953 for \$1,800.00) and will be evaluated throughout the year to determine if it should be the University's primary video communication tool. C&amp;IT may consider replacing the currently LMS video communication tool, Big Blue Button, if Zoom proves to be superior in quality and integration with our Canvas LMS system. Microsoft Teams is also part of this evaluation and C&amp;IT is actively working on a road map for this business need.</p> <p>While WSU is licensed for Microsoft Teams as the primary video conferencing tool and Big Blue Button as the LMS integrated tool, Zoom is currently the preferred tool by the Provost and for many WSU faculty, as it had some desired features that are used in the classroom such as breakout rooms. Many WSU faculty and staff are already using the free version of Zoom. The free version however has limitations of use and integration with WSU enterprise systems.</p> <p>This purchase will also allow the University to centrally manage the distribution, authentication, security and privacy of this software and consolidate some currently active paid licensing that has recently been purchased as WSU moved to a fully remote campus.</p>	Daren Hubbard, AVP of C&IT; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
48	P0956754 Blindside Networks Inc \$ 25,800.00 General Fund Account, TRC	<p><b>Basis: Specialized Application in Emerging Market to provide Continuity of Off-Campus Instruction</b>            Overage charges for Big Blue Button video conferencing licensing used for WSU's Canvas Learning Management System for Computing and Information Technology (C&amp;IT) to be provided by Blindside Networks.</p> <p>The services has never been bid and has previously fallen below the \$25,000.00 bid limit. However, this overage is due to the immediate move to full on-line learning because of COVID19 which caused WSU to exceed the limits of licenses purchased.</p> <p>The Learning Management System (LMS) team evaluated Big Blue Button and Zoom recently, and WSU has since acquired a site faculty and student license for Zoom as it was determined comparable in functionality and integration, and preferred by faculty and will be the sole product used with Canvas LMS in FY21. The LMS team also worked with Blindside to keep overage fees to a minimum and we were thus not charged the full value of those overages.</p> <p>The Blindside, Big Blue Button, Purchase Order P0926848 has licensing through 9/30/20 at a cost of \$16,800 The Zoom Purchase Order P0954840 is licensed through 3/15/21 at a cost of \$37,300.</p> <p>C&amp;IT will work with Procurement in a future bid for video conferencing software as new and potentially superior products emerge in the video conferencing market.</p>	Daren Hubbard, AVP & CIO of C&IT; approved by Kenneth Doherty
49	P0955297 Nucleus Robotics LLC \$ 25,300.00 Grant Fund Accounts, APEX Upward Bound	<p><b>Basis: Specialized Application in Emerging Market to provide Continuity of Off-Campus Instruction</b>            24-hour robotics course for the 2020 Upward Bound Virtual Summer Experience. Nucleus Robotics will provide Virtual Robotics Class for TRIO Students. Students will participate in summer course to increase their knowledge of robotics during 2020 program. Actual robots are to be sent to the homes of the 50 participants</p> <p>Students will work in small on-line classroom groups with the added experience of having a hands-on experience. Student will be provided a robot kit to build as a reinforcement of their virtual classroom learning.</p> <p>Nucleus Robotics is a current vendor for many TRIO programs throughout the country, and was highly recommended by multiple trusted colleagues.</p> <p>Cost: \$25,300.00</p>	Henry Robinson, Director of TRIO; approved by Kenneth Doherty



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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by															
50	P0958915  Dell Incorporated  \$ 407,880.00  Grant Fund Accounts; AVP Fiscal Ops Admin	<p><b>Basis: Use of a Strategic Source for Equipment to Ensure Continuity of Off-Campus Instruction</b> 1500 Dell Latitude laptop computers, to be allocated by Computing &amp; Information Technology Office for Pell-Grant eligible first year students. The technology buy will expand the Warrior Laptop program, to ensure that this group of eligible students will have the necessary equipment to further their education.</p> <p>The program seeks to mitigate the negative impact of distance learning due to COVID-19 pandemic. Purchase is being funded by the CARES Act.</p> <p>Dell is currently a strategic partner with the University, as the result of WSU RFP issued in June 2015 and the resulting contract. The University leveraged this partnership to receive better pricing on equipment for this student focused program.</p> <p>Cost 1500 ea. - Latitude 3190 @\$271.92 = \$407,880.00</p>	Daren Hubbard, AVP & CIO of C&IT; approved by Kenneth Doherty															
51	P0957958  Dell Incorporated  \$ 684,659.20  Grant Fund Accounts; Office of AVP Fiscal Ops Admin	<p><b>Basis: Use of a Strategic Source for Equipment to Ensure Continuity of Off-Campus Instruction</b> Technology Tool Kits from Dell Incorporated, to successfully move students to an on-line/ hybrid, learning environment as the result of the COVID-19 situation. The technology tool kit includes a Logitech webcam and Logitech headsets. Additionally, 260 Dell laptops will be purchased to be available as part of a contact-less checkout system via distribution lockers. Lockers will be strategically placed on campus for student access.</p> <p>Logitech offers quality headsets and cameras compared to other brands on the market. They are the number one manufacturer of these items. Logitech is only working with re-sellers such as Dell for large quantities due to the demand for home use and short supply in the retail arena. De;; was selected since we have a strategic partnership with Dell for desk top and lap top computers, which results in a significant University quantity discount.</p> <p>This equipment will allow academic, administrative staff, advisors, financial aid officers and counselors to serve students remotely while providing a more face-to-face experience. It will also provide technology to loan students when needed.</p> <p>Cost Breakdown:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">1. Logitech USB Headset</td> <td style="width: 25%;">3,500 @\$27.99</td> <td style="width: 25%; text-align: right;">\$ 97,965.00</td> </tr> <tr> <td>2. H600 Wireless Headset</td> <td>1,000 @\$53.89</td> <td style="text-align: right;">\$ 53,890.00</td> </tr> <tr> <td>3. Logitech HD Audio Webcam wide</td> <td>4,500 @102.69</td> <td style="text-align: right;">\$462,105.00</td> </tr> <tr> <td>4. Latitude 3190 Laptop</td> <td>260 @\$271.92</td> <td style="text-align: right;">\$ 70,600.00</td> </tr> <tr> <td><b>Total</b></td> <td></td> <td style="text-align: right;"><b>\$684,659.20</b></td> </tr> </table>	1. Logitech USB Headset	3,500 @\$27.99	\$ 97,965.00	2. H600 Wireless Headset	1,000 @\$53.89	\$ 53,890.00	3. Logitech HD Audio Webcam wide	4,500 @102.69	\$462,105.00	4. Latitude 3190 Laptop	260 @\$271.92	\$ 70,600.00	<b>Total</b>		<b>\$684,659.20</b>	Daren Hubbard, AVP & CIO of C&IT; approved by Kenneth Doherty
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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
52	P0959548 D-TECH INTERNATIONAL USA LLC  \$ 114,570.00  Grant Fund Account, VP Research	<p><b>Basis: Specialized Equipment Lockers to provide Continuity of Off-Campus Instruction</b>            ComputeIT secure lockers from D-Tech International for self-service computer distribution across campus. Students and faculty will have the opportunity to check-out laptop computers on an as-needed basis. The 24-bay locker set secures, charges and re-images the computers that are stored. The ComputeIT Lockers includes a 19" touch screen, barcode reader, printer, charging system, license, programming, support and maintenance.</p> <p>As the University transitions to online instruction due to the pandemic, the need for mobile computers has increased dramatically for students and faculty. A total of 72 computers will be available via the secure locker system. The computers and lockers will be dispersed in student areas within buildings to ensure availability, even if instruction is online. The system will put technology in the hands of students that could not otherwise take classes and provides them a clean and contactless way to pick-up and return them.</p> <p>Computing &amp; Information Technology evaluated system from three vendors- Dell, Laptops Anytime and D-Tech International. The Dell option did not offer automatic charging inside the lockers and did not have the ability to connect the network to allow reimaging upon return. The Laptop Anytime product gave all the same features but cost twice as expensive. D-Tech International was found to offer the features requires at the lowest price point. Additionally, WSU contacted other Universities regarding the D-Tech product and the product and service received positive remarks and endorsements.</p> <p>Cost            ComputeIT Locker System- 3 ea. \$36,900.00 = \$110,970.00            4-year Maintenance &amp; Support 4 yr. \$11, 250.00= \$45,000.00            Delivery Installation of Hardware &amp; Software-1ea.\$3,600.00            TOTAL \$159, 570.00</p>	Daren Hubbard, AVP & CIO of C&IT; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
53	P0959818 Amesite Inc  \$ 90,000.00  Grant Fund Account, VP Research	<p><b>Basis: Specialized Application in Emerging Market to provide Continuity of Off-Campus Instruction</b>            Online learning platform for students and instructors from Amesite. Amesite agrees to provide no fewer than five (5) certificate products for degree or non-degree programs , of up to18 weeks in length each. This license agreement will allow the University to offer more than 10 new programs through the College of Engineering.</p> <p>Amesite offers a unique experience in the on-line educational environment, in that their learning platform engages students and faculty similarly to everyday social media platforms.</p> <p>They also use artificial intelligence (AI) to “learn” student behavior (what they click on, what they look deeper into, what they scan past) and tailor what information they show to the students based on their individual learning behavior. This allows for more complete student learning, and the platform structure allows for a very short learning curve both for students and instructors.</p> <p>Amesite has the capabilities of launching courses within a month rather than several months as with other platforms.            Cost- \$90,000.00</p>	Weisong Shi, College of Engineering; approved by Kenneth Doherty
54	P0958953 VoiceThread LLC  \$ 66,250.00  Grant Fund Account, Office of AVP Fiscal Ops Admin	<p><b>Basis: Specialized Application in Emerging Market to provide Continuity of Off-Campus Instruction</b>            Computer Software Application Tool that allows for virtual collaboration and video and audio commenting by instructors and students for the Office of Teaching and Learning, to be provided by VoiceThread.</p> <p>This software allows commenting by instructors and students. It allows for greater engagement and interaction in a virtual environment.</p> <p>The market was reviewed; however, when researched, there were no other tools with the same capabilities as the solution provided by VoiceThread. This software is only available from VoiceThread, as they do not use distributors.</p>	Sara, Kacin, Director of OTL; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
55	P0954761 Akoya Biosciences, Inc.  \$ 31,950.00  Grants, Contracts, Restricted Gift Accounts; PRB Administration	<p><b>Basis: Maintenance Services through the OEM Supplier</b>            Gold Level Maintenance Services for a Vectra Polaris S/N VP1743N1037, for the time period 5/1/20 – 4/30/21. The Maternal-Fetal Immunobiology Unit of the Perinatology Research Branch (PRB) performs research to study the functions of immune cells in the reproductive tissues during pregnancy and its complications. Currently, the Unit operates a Vectra Polaris automated quantitative pathology imaging system that provides a rapid and accurate method for the quantification and analysis of chemical and fluorescent probes to detect proteins, DNA, and other molecules expressed by cells in slide-mounted tissues.</p> <p>Due the numerous unique and specific components of this imaging system, only engineers from the manufacturer, Akoya Biosciences, are suited to maintain and service the Vectra Polaris. In order to continue functioning properly, the Vectra Polaris requires consistent specialized maintenance and upkeep in the form of a service agreement from Akoya Biosciences.</p> <p>The instrument was purchased from PerkinElmer by NIH in November of 2017 and installed at the PRB on 12/7/17. In 2019, the PRB picked up the maintenance cost.</p> <p>Reference prior 6 month PO P0917022 at \$17,749.98</p>	Janather Mason, PRB, approved by Ken Doherty
56	P0954082 Summit Information Resources  \$ 49,785.00  Plant Fund Account; C&IT	<p><b>Basis: Use of Refurbished Equipment from a Single Source</b>            Refurbished networking devices required to increase technological connectivity. This purchase is an essential part of the Core Network upgrade under the Wireless Replacement project approved by the Board of Governors.</p> <p>The purchase of the Catalyst 6900 and support devices allows Computer and Information Technology (C&amp;IT) to increase data network speed and bandwidth necessary to continue teaching, learning and research mission of the University.</p> <p>Purchasing refurbished devices for \$49,785.00 saves the University in excess of \$750,000. If purchased new, the devices would be approximately \$800,000.</p>	Daren Hubbard, AVP of C&IT; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
57	P0956868	Community Health & Social Services Center, Inc.  \$ 50,000.00  Grant, Contracts, Restricted Gift Accounts, Family Medicine	<p><b>Basis: Requirement of the Grant</b></p> <p>Preceptor services for medical resident education related to Urban Track and Preventive Medicine for the Department of Family Medicine to be provided by Community Health &amp; Social Services Center.</p> <p>For this request, these information required was calculated using 2 half days of Clinic per resident in the 1st year, 3.5 half days of Clinic per resident in the 2nd year and 4.5 half days of Clinic per resident in the 3rd year. One preceptor for four residents is maximum is proposed for this request.</p> <p>Due to the unique nature and scope of services to be provided, this service cannot be bid. The Preceptor Services for resident education related to Urban Track and Preventive medicine is a very specialized and currently unavailable anywhere else.</p> <p>This is a State of Michigan funded Medical resident education program and is part of a State awarded contract. During the proposal development stage and prior to award, the department identified and agreed on pricing should the contract be awarded. The contract was reviewed and approved by the State of Michigan.</p>	Andrew Disbrow, Family Medicine; approved by Kenneth Doherty
58	P0928753	Campus Auto Repair  \$ 38,000.00  General Funds, Public Safety Operations	<p><b>Basis: Continued use of a Preferred Supplier</b></p> <p>Public Safety has incurred a higher level of repairs than anticipated. Campus Auto Repair is a preferred vendor for police vehicles due to their close proximity to campus. They provide emergency and routine maintenance for police vehicles at reasonable costs. The proximity of the repair shop to Public Safety is under 1 Mile, which allows for very little down time transporting vehicles to and from the vendor.</p> <p>Individual repairs are substantially lower than the blanket order total of \$38,000, but the cumulative total exceeds the University threshold of \$25k</p> <p>Prior PO's include            P0883504 for FY 2019 at \$44,000            P0833946 for FY 2018 at \$44,000            P0787411 for FY 2017 at \$48,000            P0741262 for FY 2016 at \$33,200            P0694010 for FY 2015 at \$27,536            P0648328 for FY 2014 at \$27,812</p>	Anthony Holt, Chief of Police, approved by Kenneth Doherty

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<b>PO NUMBER</b>	<b>VENDOR / PRICE FUNDING SOURCE</b>	<b>DESCRIPTION</b>	<b>Approved by</b>
59	P0935349 Michigan Mechanical Abatement, Inc.  \$ 60,000.00  General Fund Account, Facilities Operations	<p><b>Basis: Increased Utilization Not Anticipated. This will be Bid in FY 2021</b> Miscellaneous sheet-metal work, fan and bearing repairs and replacement parts for Facilities Planning &amp; Management (FP&amp;M) through Michigan Mechanical System. FP&amp;M currently works with Michigan Mechanical on various sheet-metal work projects across campus buildings. They have an extensive knowledge of the campus infrastructure since they have worked with FP&amp;M for several years.</p> <p>Currently, FP&amp;M does not have a contracted T&amp;M vendor to perform these service and often repairs are needed on an urgent basis. FP&amp;M intends to bid out services for the fiscal year 21.</p> <p>This Waiver is to increase the current PO P09935349 by \$40,000, from \$20,000 to \$60,000 for the remainder of FY20.</p>	Robert Davenport, AVP for Facilities, approved by Bryan Dadey
60	P0960915 Apple Computer, Inc  \$ 45,884.00  Grands Fund Accounts; Office of the AVP Fiscal Ops Admin	<p><b>Basis: Specialized Technology in Emerging Market to provide Continuity of Off-Campus Instruction</b> Apple iPads- purchase 100 -10" iPads and Apple pencils to allow faculty to annotate while facilitating online teaching. The iPads will allow the faculty to interact with students virtually in real time to better explain concepts and solve problems. Computing &amp; Information Technology selected the . Apple iPads offer the best integrated video editing software and annotation features.</p> <p>Apple is uniquely positioned in the technology industry and offers systems which cannot be duplicated. Currently, Apple is currently a strategic partner with WSU. This partnerships offers the University community the opportunity to purchase Apple products at better pricing</p> <p>This purchase seeks to mitigate the negative impact of distance learning due to COVID-19 pandemic. Purchase is being funded by the CARES Act.</p>	Daren Hubbard, AVP & CIO of C&IT; approved by Kenneth Doherty
	<b>14 / \$ 1,727,365.16</b>		
<b>Total</b>	<b>60 / \$ 4,919,570.63</b>		