

Submitted by: Rebecca Cooke, Interim Vice President for Finance and Business Operations

## **PURCHASING EXCEPTIONS**

Attached is a summary report of purchase orders (POs) greater than \$25,000 that were issued during December 2019 through March 31 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.

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	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
<b>No</b>	<b>A. SCIENTIFIC JUDGMENT (S03, S04)</b>			
1	P0941199	Spectradyne LLC  \$ 103,990.00  General Fund Accounts; Grand Fund Accounts; Grants, Contracts, Restricted Gift Accounts; School of Medicine various departments  P0941199, P0939443	<p><b>Basis: Scientific Judgment based on Equipment Functionality</b> nCS1 nanoparticle characterization instrument for Paul Stemmer from Spectradyne . This is a small footprint instrument that is able to be used on a walk-up basis by trained personnel. The nCS1 has unique capabilities to characterize nanoparticles in biological samples that contain a broad range of different sized particles. This capability is increasingly important for research into pathophysiology and drug delivery.</p> <p>The instrument required to do this type of research must be based on Microfluidic Resistive Pulse Sensing (RPS) as RPS has superior accuracy to Nanoparticle Tracking Analysis (NTA) in samples with mixed size particles. The instrument must be capable of characterizing a wide variety of particles including extracellular vesicles (e.g., exosomes); virus particles; vesicles in plasma, cerebral spinal fluid and saliva; protein aggregates; liposomes; lipid nanoparticles &amp; therapeutic nanoparticles.</p> <p>The instrument must also be capable of characterizing particles in small volume samples. The nCS1 microfluidic implementation of RPS requires only 3 microliters of sample for analysis. This is up to 1000-fold smaller volume requirement than other technologies. The instrument must be able to be used on a walk-up basis and not require a dedicated operator.</p> <p>The Nanosight from Malvern Panalytical was also evaluated, but the high degree of technical expertise is required to operate the instrument and the fact it is based on Nanoparticle Tracking Analysis (NTA) both made this instrument unacceptable for our experiments. The NTA technology is not capable of accurate quantitation the smaller particles in a mixed size sample. The qNano Gold from iZON was also evaluated with an in-lab demo. It is based on RPS but does not use microfluidics. In the demo, the operator had to constantly tap on the instrument to maintain the flow that stopped repeatedly. It was clear that the instrument has some engineering deficiencies and is not acceptable as a walk-up instrument and not a good option for analyses the lab needs. This evaluation was also confirmed through discussions with colleagues who have experience with the qNano Gold.</p>	Melissa Runge-Morris, Director of IEHS; approved by Kenneth Doherty
2	P0940920	Dataspeed Inc  \$ 48,075.01  Grants, Contracts, Restricted Gift Accounts; Mechanical Engg Administration	<p><b>Basis: Informal Bidding Conducted by the Requesting Department</b> Bi-Wire enabled Polaris GEM Kit with installation and Polaris GEM e2 white automotive vehicle without doors, with front and rear bumper set, standard 13 inch wheels with hubcap, tilt steering for Mechanical Engineering from Dataspeed</p> <p>These items are for the Engineering student team, to participate in the Intelligent Ground Vehicle Competition (IGVC). Five other teams were awarded the same seed grant last year, and among those teams only two vendors were considered – Dataspeed and AutonomouStuff. The AutonomouStuff is more expensive at \$50,233 versus the \$48,075 for Dataspeed. It is also noted that the one school that went with AutonomouStuff did not seem to have favorable comments regarding the experience</p> <p>Dataspeed is local, and the College of Engineering purchased a By-Wire enabled Focus from them in June 2019 on PO P0915155 at a cost of \$85,000.00</p>	Nabil Chalhoub, Department Chair of Mechanical Engg; 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>
3 P0940916	Leica Microsystems Inc  \$ 75,255.01  General Fund Account; Neurology, School of Medicine	<p><b>Basis: Scientific Judgment based on Equipment Functionality</b>            THUNDER Imager 3D Tissue Microscope, a fluorescence and brightfield imaging scope with computational clearing technology, for the Department of Neurology from Leica Microsystems.</p> <p>This system automatically captures X, Y, and Z stack images in high resolution. The use of the THUNDER Imager allows the research team to rapidly and accurately assess myelin protein localization, axonal degeneration and count fibers in peripheral nervous system</p> <p>This imaging system offers computational clearing algorithms to generate high resolution images - a new technology that is exclusive to Leica microsystems. The current configuration includes fully automated scope with two cameras, multiple fluorescence channels, and computational clearing technology. The THUNDER Imager 3D Tissue Microscope is an up-grade to our current Leica DM6000B microscope.</p> <p>Leica Microsystems company has given us a highly competitive price with trade-in discounts. End-of-year and trade-in discounts were also provided by Leica.</p> <p>Equipment being traded in was purchased for \$85,300 in July 2004 on PO P0414160 and is WSU Asset Tag 321735</p>	Dr. Jun Li, Dept of Neurology; approved by Kenneth Doherty
4 P0940264	Novogene Corporation  \$ 33,984.00  Designated Fund Accounts; CMMG	<p><b>Basis: Informal Bidding Conducted by the Requesting Department</b>            Purchase of six (6) pre-prepared library sequencing services (Illumina Novaseq 4 PE150) from Novogene Corporation for the University Center for Molecular Medicine &amp; Genetics (CMMG).</p> <p>This service requires a high capacity instrument to sequence the samples and provide a high volume of data. Novogene has the capability to meet our high capacity requirements for the service. In addition, they offered the best price of the two quotes obtained by CMMG. The other quote from Dugsim for a similar service was at \$39,246.18.</p> <p>Previous PO for a similar service:            P0890686 - 12/6/2018 - \$56,938.00</p>	Lawrence Grossman, Director CMMG; approved by Kenneth Doherty

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5	P0939374  Thermo Electron North America LLC  \$ 716,000.00  General Fund Account and Grant Fund Accounts; Chem/MtIs Sci and ECE	<p><b>Basis: Informal Sourcing Conducted by the Requesting Department</b> NEXSA X-Ray Photoelectron Spectrometer for Chemistry from Thermo Fisher North America, LLC. The NEXSA-X-Ray Photoelectron Spectrometer system has three different technologies: Xray Photoelectron Spectrometer, UV Photoelectron Spectroscopy, and IXR Raman Spectrometer. Thermo Fisher is also providing Monatronic and Gas Cluster ION Source, Ion Scattering Spectrscopy (ISS) options.</p> <p>The two major providers of UPS/XPS equipment are Thermo Fisher and Physical Electronics. The PI on the proposal sent samples to each company for quality comparison. The Thermo Fisher Instrument (NEXSA) provided either equal or better data than the Physical Electronics instrument. In addition, Thermo was willing to expand our capabilities by adding iXR Raman Spectrometer to our system.</p> <p>The selection of Thermo was a committee decision based on the scientific results and on expanding technologies.</p>	Judy Westra, Director of Lumingen; approved by William Decatur
6	P0938366  WorldViz Inc  \$ 43,765.00  General Fund Account; Faculty Start Up Seth Norrholm	<p><b>Basis: Scientific Judgment based on Equipment Functionality</b> VizMove Walking Virtual Reality (VR) System, PPT Motion Tracking System, and the Vizard VR development toolkit for Psychiatry from WorldViz.</p> <p>WorldViz is the sole manufacturer of the VizMove Walking VR System, PPT Motion Tracking System, and the Vizard VR development toolkit. No alternative or substitute solution exists that meets the full range of specific technical and research requirements for this program, that includes translational research focused on immersive research and treatment strategies for fear, Trauma, and stressor-related mental disorders.</p> <p>There are a few immersive VR providers (e.g. <a href="http://www.virtuix.com/">http://www.virtuix.com/</a>), however, all the systems except for Worldviz use motion platforms, in which the user is static and the platform moves according to the VR environment. Moreover, the built-in tracking systems for commercially available VR headsets (e.g. Oculus, HTC Vive, etc.) and related software are focused on consumer gaming applications, and do not provide the required level of tracking accuracy and data acquisition tools for scientific research applications. These features are provided by the WorldViz PPT-N motion tracking system and Vizard VR Development toolkit.</p> <p>Dr. Norrholm's program of study requires this greater level of accuracy in data acquisition, as these studies will inform clinical treatment. The VizMove Walking VR system is equivalent to a system previously used by Dr. Norrholm at another institution, and use of this system ensures consistency and standardization of data collection with his previously published work.</p>	Jennifer Ballard-Traynor, Director of Psychiatry; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
7 P0944492	Diagnostica Stago, Inc.  \$ 25,000.00  Designated Fund Accounts; Pediatric Hema/Onc Admin	<p><b>Basis: Scientific Judgment based on Compatibility with Prior Equipment</b>            Calibrated Automated Thrombinoscope for Children's Hospital Special Coagulation Laboratory from Diagnostica Stago.</p> <p>Dr. Rajpurkar is currently in the middle of a study in which this instrument is being used for three assays for the "Early Death and Coagulopathy Complications in Acute Promycocytic Leukemia," #R1-2019-27. Dr. Rajpurkar is the PI in this international Children's Oncology Group study in which this lab is the central laboratory for the coagulation portion. Dr. Rajpurkar has already run a great number of samples and they have normal control ranges that have already been completed on the instrument that is failing.</p> <p>If the laboratory changed the instrument and reagents to another vendor we would not be able to correlate the results we already have to the new system. The laboratory does not have more samples on the patients enrolled in the study that can be rerun on a different system. When the instrument was originally purchased, it came with the required software to operate the system. This software can continue to be used on the new instrument and will save \$10,000 so additional software does not have to be purchased. The lab has been using the instrument that is being replaced since 2007.</p> <p>In addition, there would be additional delays in training and learning another system before the lab would be able to run patient samples from the study. The instrument has been down for several months. It was recommended that the instrument be replaced because this one is not able to be upgraded mechanically.</p>	Madhvi Rajpurkar, Professor of Pediatrics; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
8 P0944403	CrossComm Inc  \$ 32,300.00  Grants, Contracts, Restricted Gift Accounts; VP for Research and Emergency Medicine Admin	<p><b>Basis: Scientific Judgment based on Compatibility with Prior Purchases</b> Further enhancements for the development of a MyPatientPal Smartphone Application to help cancer patients monitor their daily symptoms related to treatment and monitor their adherence to medications for the Office of the Vice President for Research (OVPR) from CrossComm.</p> <p>The APP has previously been used in research with patients who are being treated for cancer. To expand its capabilities, it will be adapted to help patients who have or develop hypertension, to manage this risk-enhancing co-morbidity. This APP is one piece of a larger research program that will, eventually focus integrating the smartphone data into an electronic health record.</p> <p>CrossComm developed the iOS and Android version of the first iteration of the APP. The current project involves developing content, modifying the user interface, and adding to the administrative portal to allow use by multiple research studies.</p> <p>CrossComm is a mobile and web application development studio that builds custom iOS, Android, Web, and Augmented RealityNirtual Reality APP. Mobile APP Development is one of the CrossComm's core competencies.</p> <p>CrossComm is in current negotiations with Wayne State University's Technology Commercialization Office to establish additional formal academic partnerships on the WSU campus, which will allow for more long-term collaborations with faculty across the university.</p> <p>The developer of the APP, Dr. Harper, met with two other software firms, Logic Solution and KW Works, in prior to the initial build of the app. Logic Solution's business model did not allow for iterative versions of the APP. which is critical for this type of research that is developed and revised based on end-user (e.g., patient, provider) feedback. Similarly, KW Works was not equipped to adapt its app development model for the necessary and nuanced feedback from patients and providers. After initial meetings with these companies, the OVPR decided not to pursue formal bids because no other company was able to provide the University with the development model or expertise this specific and critical research requires.</p>	Phillip Levy, AVP for Translational Science & Clincial Research; approved by Kenneth Doherty
9 P0943687	Fisher Scientific  \$ 32,915.16  General Fund Account-ICR, Chemistry	<p>Previous POs to CrossComm from other research departments over the last 2 years include: P0886622 11/5/2018 \$55,000.00 P0857265 4/4/2018 \$51,400.00</p> <p><b>Basis: Informal pricing obtained by the requesting department</b> Buchi Flash Chromatography Purification System with UC/ELSD detection for Chemistry from Fisher Scientific.</p> <p>Chemistry invited vendors in to provide demonstrations for several chromatography instruments during the last half of 2019. This included instruments from Biotage, Biorad, and Fisher Scientific.</p> <p>The instruments from Biotage and Biorad use of pre-packed columns, and/or these instruments did not successfully purify compounds from the laboratory in the in-person demonstrations. The Buchi instrument had the best performance for the diversity of compounds generated in the Pflum lab. The Buchi instrument provides the flexibility with column resin and detection and best suits the research needs of Chemistry.</p> <p>Our strategic supplier for scientific supplies, Fisher Scientific, is an authorized Buchi distributor.</p>	Matt Allen, Department Chair Chemistry; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
10	P0920928 University Pediatricians  \$ 98,622.00  Grant Fund, Pediatrics Administration	<p><b>Basis: Scientific Judgment - Continuation of Services previously at Smaller Volumes</b>            Clinical Services to include reading of approximately 290 echocardiograms, for the Department of Pediatrics from University Pediatricians. This is for the third year of an NIH funded grant, and in the past Pediatrics has only needed POs for approximately \$20,000.00.</p> <p>The \$340 cost of each echocardiogram is the same as in the past, but this year there are extra to be read for the study. The sponsor recently created an amendment for us to increase this part of the award.</p>	Gwyn Kropp, Director - Department of Pediatrics; approved by Kenneth Doherty
11	P0943207 Applied Biophysics Inc  \$ 41,460.00  Gernal Fund Account, Faculty Start Up	<p>The previous PO's were P0854874 and P0878335. The grant expires in March 2020 and all research will be complete at that time.</p> <p><b>Basis: Scientific Judgment - Only Equipment with the required features</b>            ECIS Z0 including 96 well station for Ophthalmology from Applied BioPhysics. The system is an Electric Cell Substrate Impedance Sensing device that uses AC Current and multiple frequencies to calculate cell parameters from the raw voltage and phase data.</p> <p>Applied BioPhysics is the sole producer of this product and components. The system is an Electric CellSubstrate Impedance Sensing device that uses AC Current and multiple frequencies to calculate cell parameters from the raw voltage and phase data. No other vendors use Phase to determine cell parameters and none are able to calculate resistance, capacitance and TEER values in ohms, nano-farads, and ohms cm2 respectively. The vendor also has a patent on the Cell Migration feature called the electric fence which uses elevated fields to monitor wound healing. Due to the patent - no other system is available with this feature. This is the only system on the market that can calculate TEER data on loose endothelial cell layers which present low TEER values 1-10 ohms cm2. In addition, they have no distributors in the US authorized to sell this product - so they are the sole seller of all ECIS systems.</p> <p>The Applied BioPhysics also include a 1 year service contract for the system that covers any damage that occurs during normal use. This includes parts and labor. Data analysis help and software trouble shooting (including available software upgrades) all come for the life of the system at no cost and they can be contacted any time M-F, 9am -5PM EST.</p>	Linda Hazlett, Vice Dean for Research and Graduate Programs; approved by Kenneth Doherty
12	P0948588 AMAX Engineering Corporation  \$ 34,700.00  Grand Fund Accounts; Grants, Contracts, Restricted Gift Accounts; Biomedical Engineering	<p><b>Basis: Informal Bidding Conducted by the Requesting Department</b>            High performance linux GPU workstation computer for Bioengineering from AMAX.</p> <p>This system includes a 4x Nvidia Quadro RTX 8000, configured in pairs utilizing Nvlink for high memory, highly parallel applications requiring large amounts of video memory.</p> <p>Bioengineering requires a unique high performance computer with customized characteristics for its specialized research.</p> <p>Informal quotes were obtained by Bioengineering from three vendors: AMAX (\$34,700.00), Lambda (\$38,653) and System 76 (\$38,539). AMAX has the best price on high performance Linux GPU workstations, used for developing parallel applications requiring large amounts of video memory.</p>	Dr Cynthia Bir, Biomedical Engineering, Department Chair; approved by Kenneth Doherty

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13 P0947466	Lawrence Livermore National Security LLC  \$ 39,848.00  Grant Fund Account; Physics & Astronomy	<p><b>Basis: Requirement of the Grant for Professional Services</b> Adjunct Professor Ron Soltz from Lawrence Livermore National Security is to conduct research on the JETSCAPE project. Professor Soltz's participation is 10% FTE. This is necessary to speed up certain aspects of the project. We are also extending the time period by another year.</p> <p>Dr. Ron Soltz is mentioned by name as a collaborator on grant 2VIX and Lawrence Livermore National Lab is named as the contracting company. Last year's PO is P0805202 and the amount was \$146,786.00.</p>	David Cinabro, Chair for Physics & Astronomy; approved by Kenneth Doherty
14 P0951963	Spitz, Inc.  \$ 136,723.00  General Fund Account; College of Science	<p><b>Basis: Scientific Judgement - Upgrade of Existing Equipment</b> SciDome IQ 2400 Projector for the Wayne State Planetarium from Spitz, Incorporated.</p> <p>This gently used demonstration model is a 2.5K Resolution 2400 x 2400 single/center-mounted LCoS digital cinema projector with fisheye lens will replace the current projector purchased from Spitz in 2009. This is a laser phosphor-illuminated projector, and is 6000 ANSI lumens with 10,000:1 contrast. This purchase includes a new stand and shroud, installation, integration and new cables, as well as extraction of early SciDome projectors and stand, 1 year of warranty and planetarium dome cleaning.</p> <p>The projector (as well as its lens and associated cables) must be supplied from Spitz Inc. to assure proper integration with the current computer system and software. Spitz would not be able to offer support or remote diagnostics on the system if either the projector, or computers were supplied or installed by another party. The particular customizations of the components and the settings for SciDome must all be supplied and installed by Spitz, Inc., the system manufacturer.</p> <p>The original SciDome was purchased from Spitz on WSU Purchase Order P1488147 on 11/23/2009 for \$192,200.00. Currently the computers that run the SciDome, cables and software were upgraded and replaced on WSU Purchase Order P0817792 on 05/31/2017 for \$53,445.00.</p> <p>Procurement also went to Spitz and requested a Best and Final Offer that would include a discount for the trade-in of the equipment being replaced. This includes Spitz removing and disposing of the older system for the University. An additional \$1,500.00 discount was agreed to, and their 30% Deposit required with the order was also removed.</p>	David Cinabro; Department Chair of Physics; approved by Kenneth Doherty



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15 P0949459	CH Technologies USA, Inc.  \$ 61,035.00  Grants, Contracts, Restricted Gift Accounts; General Fund Account ; CMMG	<p><b>Basis: Scientific Judgment of the Researcher / Principle Investigator</b>            Mouse whole-body exposure chamber for Anatomy from CH Technologies.</p> <p>The equipment requested is highly specialized and Dr. Hazlett diligently researched the market based on Anatomy's requirements, and consulted with experts in the field. Dr. Hazlett also worked with the Scientist/Sales Rep Dristan Xhilari, PhD at CH Technologies, who set up the original Mouse whole-body exposure chamber system at SUNY in New York.</p> <p>Dr. Xhilari designed and customized the system requested with Dr. Hazlett's lab needs in mind. This resulted in a system design that did not need to be filled with particulates (cost 1,000.00/each fill), which would have been prohibitive. Dr. Xhilari is working with Dr. Hazlett's team to reduce cost to reasonable amounts, provide the lab with guidance on times of usage, recommended use of stainless steel vs plastic, and will be instrumental in setting up the system.</p> <p>This system is required to complete the necessary research for a grant that will be due in July.</p>	Linda Hazlett, Associate Director/Vice Dean of Research and Grad Programs; approved by Kenneth Doherty
		<b>15 / \$ 1,523,672.18</b>	
<b>B. EXECUTIVE OFFICER WAIVER FOR PROFESSIONAL SERVICES (S23)</b>			
16 P0941536	Covenant Community Care, Inc.  \$ 67,800.00  Grants, Contracts, Restricted Gift Accounts; Family Medicine Administration	<p><b>Basis: Requirement of the HRSA Grant for Professional Services</b>            Covenant Community Care / SERC will be providing support services for a College of Nursing (CON) Health Resources &amp; Services Administration (HRSA) grant (ANew). SERC will connect program graduates to the HRSA Health Workforce Connector, collect HRSA required and post graduation employment demographics data, and participate on the Academic Clinical Evaluation Committee.</p> <p>The SERC relationship with the CON through the Michigan Area Health Education Center (MI-AHEC) delivery model of regional centers positions SERC as a single source vendor. SERC is also a partner of MI-AHEC and the CON. Covenant Community Care, the host partner for SERC, is also named in the HRSA grant. SERC is a natural partner to supply these support services.</p>	Ramona Benkert, Mi-AHEC Assoc Dean Nursing; approved by Michael Wright

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17	P0951757	Celeste Rabaut  \$ 45,500.00  Grants, Contracts, Restricted Gift Accounts; Behavioral Health & Justice Center	<p><b>Bases: Recommended Source for Professional Services</b>            Consulting Services for the School of Social Work Stepping Up Study from Celeste Rabault. Ms. Rabaut will work with the Center for Behavioral Health and Justice on the Stepping Up and Wayne County Clinic for Child Study projects as a strategic planner. Her role on the projects includes: initial development of the strategic plan among county stakeholders to implement ongoing, sustainable data collection and analysis. Activities will include participation in key site meetings, assessment of evaluation recommendations, identification of sustainability strategies. and presentation to and engagement of key community stakeholders.</p> <p>This order represents the remaining balance of \$20,150, referenced in prior order P0941103 (12/18/2019) in the amount of \$17,550. Total value of both orders is \$45,500.</p>	Sheryl Kubiak, Dean of Social Work; approved by Michael Wright
18	P0940337	Locumtenens.com  \$ 86,880.00  General Fund Account, Counseling & Psych Svcs	<p>The Consultant has been providing consulting services to the School of Social Work since 2018. The 2018 PO for this service was P0890496 at \$45,500.</p> <p><b>Bases: Recommended Source for Professional Services</b>            Hiring of Temporary Psychiatrist for the Counseling and Psychological Services Office(CAPS) through Locumen Tenens.</p> <p>The CAPS Office needs to hire a temporary Psychiatrist to provide counseling services for the student body. The Psychiatrist would work on a part-time basis consisting of 2 to 3 days per week via a teleconference until a permanent person is found via the WSU Office of Human Resources. Locumen Tenens will verify the licensing and credentialing of candidates for the position.</p> <p>CAPS is currently working with Rob Miller, WSU HR Director of operations, on identifying suitable candidates for the permanent position.</p> <p>Locumen Tenens was used once before in 2015 for a similar service at a cost of \$97,170. Purchasing did solicit competitive proposals for the 2015 engagement, but was unable to locate another firm able to provide this work.</p>	Jeffrey Kuentzel, Director of CAPS; approved by Michael Wright

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19	P0939555  \$ 25,500.00  General Fund Account; EEO	<p><b>Basis: Continuity of Professional Services under a long-term agreement</b> Professional services to develop, complete and review Wayne State's Affirmative Action Plan (AAP) using methods compliant with OFCCP regulations for the Office of the General Counsel (OGC) to be provided by Berkshire Associates.</p> <p>The Office of the General Counsel has contracted with Berkshire to prepare its AAP since 2018 and is satisfied with the services, and wish to maintain continuity. Berkshire also contracts with the Office of Equal Opportunity for assistance with preparing the Affirmative Action Status Report (AASR) on an annual basis, but individual POs are below \$10,000.</p> <p>The cost of the AAP is \$10,000 per year, however, the cost is discounted based upon the number of years the University will agree to have Berkshire produce the AAP. \$25,500 represents 3 years of AAP preparations by Berkshire at a cost of \$8,500/year, resulting in a \$4,500 total discount to the University.</p> <p>A lower cost contract is not eligible to receive the \$4,500 discount (a 15% savings). A two year contract will cost \$9,000/year (10% savings), and a one year agreement will cost 9,500/year (5% savings).</p>	Louis Lessem, VP and General Counsel; approved by William Decatur
20	P0943600  \$ 41,000.00  Grants, Contracts, Restricted Gift Accounts; Behavioral Justice  P0943600, P0943629	<p><b>Basis: Recommended Source for Professional Services</b> Law Enforcement Consultation from Scott Smith for the School of Social Work/ This is related to Social Work's Jail Diversion and Stepping Up Program for a time period of 10/1/19 - 9/30/20.</p> <p>Scott Smith possesses a unique expertise in law enforcement to provide consultation to the Center for Behavioral Health and Justice, and will be continuing work on this already started on the project in the past (reference prior PO P0894812 for \$24,000). His duties will include mapping and identification of current processes, resources, and recommendations for improvements across sequential intercept models.</p> <p>This bid waiver covers the full cost of 2 requisitions, No 128130316 @ \$35,000 and 281311851 @\$6000 for the same type of services for the School of Social Works Flinn Project. Total spend with this consultant between the 3 orders is \$65,000</p>	Sheryl Kubiak Dean of Social Work; approved by Michael Wright
21	P0943629  \$ 0.00  Grants, Contracts, Restricted Gift Accounts; Behavioral Justice	<p><b>Basis: Recommended Source for Professional Services</b> Law Enforcement Consultation from Scott Smith for the School of Social Work/ This is related to Social Work's Jail Diversion and Stepping Up Program for a time period of 10/1/19 - 9/30/20.</p> <p>Scott Smith possesses a unique expertise in law enforcement to provide consultation to the Center for Behavioral Health and Justice, and will be continuing work on this already started on the project in the past (reference prior PO P0894812 for \$24,000). His duties will include mapping and identification of current processes, resources, and recommendations for improvements across sequential intercept models.</p> <p>This bid waiver covers the full cost of 2 requisitions, No 128130316 @ \$35,000 and 281311851 @\$6000 for the same type of services for the School of Social Works Flinn Project. Total spend with this consultant between the 3 orders is \$65,000</p>	Sheryl Kubiak Dean of Social Work; approved by Michael Wright

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
22	P0942691  Judith Helfand  \$ 85,000.00  Grants, Contracts, Restricted Gift Accounts; Communication Admin	<p><b>Basis: Recommended Source for Professional Services</b> Teaching and Lectures for students of the Allesee Master Class: Communication 6410, for the winter of 2020. In addition, Judith Helfand will</p> <ul style="list-style-type: none"> <li>* Provide guidance in film making and cinematography;</li> <li>* Conduct workshops and presentations for students, faculty and the public;</li> <li>* Present personally produced films at departmental and publicized events (o be held at the Detroit Institute of Arts and Detroit Film Theatre and;</li> <li>* Attend public relation events with the Detroit Free Press.</li> </ul> <p>The Communications and Fine and Performing Arts Department is seeking the services of award winning Film Producer of Documentary Films and Judith meets that unique and specific criteria. She has unique skills and experiences, notable and recognized work in the film industry, and unique credentials that make her the best candidate to provide an alternative learning experience for students of Film and Media Arts.</p>	Katheryn Maguire, Department Chair of Communications; approved by Michael Wright
23	P0951469  John McCooe & Associates, Inc.  \$ 127,500.00  General Fund Account; Research Stimulation	<p><b>Basis: Urgent Requirement to Maintain DLAR Accreditaion</b> Recruitment of an Assistant Vice President and Attending Veterinarian (DLAR); Clinical Veterinarian (DLAR) and Director, Genome Sciences Core (VPR) for the Office of the Vice President for Research to be provided by McCooe &amp; Associates.</p> <p>Bidding this service out would prolong our recruitment efforts by as much as 2 to 4 weeks, and that these positions are critical for our researchers, operations, and more importantly for our accreditation. If the University does not hire someone before the current staff leave, we will have no veterinarians on staff and we will have to cease all animal research activities.</p> <p>McCooe &amp; Associates has the ability to source from professional organizations such as the Committee on Laboratory Animal Training and Research and other research facilities. The firm has a history of success in recruiting leaders including the recruitment of VMDs and MDs for corporations, healthcare centers, research institutes, and higher education.</p> <p>McCooe has been utilized in the past for services of this nature and is familiar with the needs and requirements of Wayne State University.</p> <p>Previous PO's: P0821845 6/30/2017 \$12,500.00 P0821845 6/30/2017 \$25,000.00 P0797612 12/22/2016 \$52,500.00 P0638808 7/19/2013 \$35,640.00 P0603524 8/24/2012 \$28,540.00 P0603524 8/24/2012 \$21,184.00</p>	Steven Lanier, Vice President for Research; approved by Kenneth Doherty
<b>8 / \$ 479,180.00</b>			

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<b>C. URGENT OR EMERGENCY</b>			
24	P0952293 Laerdal Medical Corporation  \$ 49,563.41  General Fund Account; Student Education	<p><b>Basis: Critical Order to initiate Online eLearning - Use of Recommended Source</b> HeartCode BLS/ACLS Online Resuscitation Quality Improvement (ROI) Program from Laerdal Medical Corporation for the Medical Conjoint Teaching in the School of Medicine. The Heartcode BLS/ACLS uses eLearning Assets, such as dramatizations, eSimulations, animations, self-directed learning, and interactive activities to teach our medical students BLS/ACLS knowledge and skills.</p> <p>Laerdal is the preferred vendor for BLS/ACLS on-line learning tool for developing comprehensive life support skills for our medical students. No other sources are known to match Laerdal's student on-line learning platform, employed by our Learning Spaces, and Support department.</p> <p>BLS/ACLS will be utilized as a learning resource tool by our Learning Spaces, and Support department. Laerdal is the sole provider of BLS/ACLS on-line learning platform.</p> <p>In the future steps will be taken to seek out other vendors for the competitive bid process, but due to the urgent need for the Online courses for our students we chose to use Laerdal animations, self-directed learning, and interactive activities to teach our medical students BLS/ACLS knowledge and skills.</p>	DeShaun Harris, Director of Medical Student Services; approved by Michael Wright
25	P0940046 Scribe Inc  \$ 35,000.00  Designated Fund Accounts; University Press Editorial	<p><b>Basis: Urgent Need to Expand Outsource Service during significant Staff Transition</b> Typesetting services for the University Press from Scribe Inc. The Press currently subscribes to a software used to perform in-house typesetting services. Recently, University Press experienced a reduction in staff, and in particular the in-house typesetting expert who performed this duty. This is putting a strain on the in-house personnel.</p> <p>It the goal of University Press to utilize services from Scribe Inc on a more extensive short-term basis until a Request for Proposal (RFP) is developed and processed.</p> <p>Scribe Inc. has provided excellent service over the years to the Press, and offers a lower pricing structure due to the fact that we use their software to typeset our books.</p> <p>The current PO, P0940046, will be increased by \$15,000, from \$20,000 to \$35,000 for this fiscal year.</p>	Kathy Wildfong, Interim Director - University Press, approved by Bryan Dadey

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
26	P0906118 Schindler Elevator Corporation \$ 184,480.00 Plant Fund Accounts; FP&M	<p><b>Basis: Use of University Strategic Service Provider</b> Elevator upgrade/repair for Facilities Planning &amp; Management (FPM) by Schindler Elevator Corporation. The elevator at Elliman requires a Hydraulic Elevator Borehole/ In-Ground Jack Replacement. This purchase is an increase to April PO P0906118 of \$52,176, from \$184,480 to \$236,656, to cover the underground hydraulic jack well drilling activities subcontracted out by Schindler.</p> <p>Schindler was selected as they are the existing University preferred vendor for regular elevator maintenance services as a result of a competitive bid. By utilizing Schindler, it will allow the elevator to return to service much quicker. The out of service elevator is presenting a hardship moving material and equipment at the building.</p>	Rob Davenport, AVP of FP&M; approved by Ken Doherty
27	P0949480 Hexagon General Contractors Services \$ 83,487.84 Plant Fund Accounts; FP&M	<p>Elevator cab repairs for elevators in the College of Engineering, as overseen by Facilities, Planning and Management (FPM). Services are to be provided by Hexagon General Contractors Services.</p> <p>This is insurance restoration work due to a water flooded elevator machine room. Current elevator codes require additional architectural, HVAC and electrical services in order to pass inspection. FPM worked with the Office of Enterprise Risk Management, since the cost for the service fell in the insurance restoration realm.</p> <p>Informal quotes were requested by FP&amp;M Operations for this work, from both Hexagon General Contractors Services and Grainger Construction. The Grainger bid was for \$134,735 and the Hexagon General Contractors Services came in at \$83,487.34. The services will be provided by the lowest informal quote. The PO is being issued at \$100,000 to accommodate for any unknown conditions that may arise during restoration.</p>	Robert Davenport, VPO of FP&M
<b>4 / \$ 352,531.25</b>			
<b>D. COMPATIBILITY WITH PREVIOUSLY PURCHASED EQUIPMENT OR SERVICES</b>			
28	P0941541 LPA Software Solutions LLC \$ 154,000.00 General Fund Account, UIS Employee Training	<p><b>Basis: Continuity of Services on a significant security system under IBM's designated reseller</b> IBM QRadar Security Intelligence Event Management (SIEM) system for Computing &amp; Information Technology from LPA Software Solutions. The SIEM system is the central IT security platform used to obtain, store, and analyze system logs and activity in the WSU enterprise computing environment, and is used to identify suspicious behavior, support investigations, and troubleshoot system issues.</p> <p>This purchase is a renewal of previously purchased licensing. A bid waiver was requested because of a change in vendor for QRadar. Cognos has been in place for many years, renewing year to year, from reseller LPA. QRadar was introduced in FY18 PO782874 and upgraded in FY18 PO832494, purchased directly from IBM. The purchase of these IBM products has been combined and purchased from the reseller LPA to take advantage of additional discounts that the reseller was offering that IBM did not.</p>	Daren Hubbard, AVP & CIO of CIT; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
29	P0929635  Clearview Captioning  \$ 38,000.00  General Fund Account, Student Disability	<p><b>Basis: Continuation of Services for a vital unanticipated disability service</b> Interpreting Services and Captioning of Spoken Materials to students who are deaf or hard of hearing for the Office of Student Disabilities from Clearview Captioning.</p> <p>This bid waiver request covers the increase to P0929635 taking the PO from \$24,000 to \$38,000 increasing the PO by \$14,000.00.</p> <p>This increase will cover the cost of an additional student registered for the Winter 2020 semester who requires the services of Clearview Captioning. This ensures equal access to lectures in the classroom and maintains the University's compliance with federal laws regarding equal opportunities.</p> <p>Prior Orders to Clearview Captioning include: P0888866 11/20/2018 \$24,000.00 P0835897 10/16/2017 \$24,000.00 P0790106 10/27/2016 \$24,000.00 P0740958 10/7/2015 \$44,000.00</p>	Randie Kruman, Director - Student Disability Services; approved by Kenneth Doherty
30	P0941507  Gartner Inc.  \$ 30,600.00  General Fund Account, VP C&IT	<p><b>Basis: Single Source for a Professional Subscription</b> Subscription for C&amp;IT Senior Leadership Team (SLT) to assist with decision making related to IT based products and services from Gartner, Inc.</p> <p>C&amp;IT is in need of an independent, unbiased, and comprehensive resource to information, evaluations, and comparisons, for current IT products in the marketplace. This resource will assist and enhance C&amp;IT SLT product evaluations for current and future IT purchases.</p> <p>Gartner has a 40 year history of providing pertinent IT information to IT executives in the Fortune 500 and Education markets. Gartner clients include both providers/users and suppliers of technology which positions them to provide perspective/information from both sides of the IT market spectrum. This subscription also provides access to an experienced team of analysts for unique requests as well as connecting peers with like needs.</p> <p>The services offered by Gartner through its subscription are unique and thus competition was not a consideration.</p>	Daren Hubbard, AVP & CIO of CIT; approved by Kenneth Doherty
31	P0941059  EAB Global Inc  \$ 263,441.00  General Fund Accounts; Office of the VP for Academic Affairs	<p><b>Basis: Continuation of Services for a Professional Subscription</b> EAB Global Memberships. The University is currently spending \$193k for six memberships forums for different departments. By upgrading to the EAB Global Membership, the University will spend \$246k for nine membership forums. This represents a discounted rate over the cost of individual forums.</p> <p>Membership includes but not limited to services such as comprehensive reports containing detailed profiles of dozens of innovative practice and strategies, dedicated advisor, annual webinar series, Ask EAB etc. Even though the memberships crosses many different areas (Academic Affairs, Advance, Business Affairs, Enrollment Management, IT, University Research, Facility, Continuing and Outline Education and Student Affairs) there will be one invoice submitted</p>	Keith Whitfield, Provost and Senior VP, approved by Michael Wright

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
32	P0938479  TALX Corporation  \$ 25,580.00  General Fund Accounts; HR Decision Support & Technology	<p><b>Basis: Compatible with prior purchase.</b> I-9 Verification Services, Unemployment Cost Management Services, and Employment Verification Services through TALX Corporation for the Department of Human Resources.</p> <p>The 2020 PO was issued at \$6,041.27, but is being amended to \$25,580 to cover invoices for services in excess of our estimates. Ideally, a Scope of Work can be put together and an RFP can be issued for the upcoming FY 2021.</p> <p>Prior FY totals with TALX are \$51,186.18 om FU 2018-19, \$20,000 in FY 2017, \$33,000 in FY 2016, \$23,000 in 2015 and \$15,000 in FY 2014. Efforts will be made to see if a market exists for these services for competitive bidding.</p>	Carolyn Hafner, Interim AVP for Human Resources; approved by Ken Doherty
33	P0941463  Dell Incorporated  \$ 62,380.83  General Fund Account; C&IT	<p><b>Basis: Consolidated 3-year maintenance purchase from the Original Equipment Manufacturer (OEM)</b> Software and Hardware Maintenance and support coverage for the Compellent SC9000 Storage system located in Southfield, MI from Dell. This Disaster Recovery (DR) system is used to store the University's primary enterprise data.</p> <p>Computing , Information &amp; Technology (C&amp;IT) originally purchased the Compellent SC9000 Data Storage equipment in 2012, under P0-P0524110 for \$254,155.75 as a result of the RFP- Centralized Storage Project. Dell was selected via the bid process as the provider. Additionally, they are the manufacturer of the product purchased and thus the only vendor capable of providing the software and hardware support.</p> <p>The University consider 3rd party hardware maintenance, but this would result in no longer being able to receive software upgrades for system enhancements, bug fixes, and security patches. Ultimately, this would render this system inappropriate for storing our enterprise data that relies on this software for security and advanced storage management such as compression, deduplication, replication, data progression, and encryption.</p> <p>Recently, the University upgraded controllers for the system which lead to an offer of a reduced rate on support and maintenance. Normally, the cost of maintenance and support is \$47,746.67 annually but vendor is now offering it at \$62,380.83 for a three year agreement period thus saving the University \$80,859.17</p>	Daren Hubbard, AVP & CIO of CIT; approved by Kenneth Doherty



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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
34 P0936706	Educational Computer Systems Inc  \$ 70,000.00  General Fund Account; Office Of Director Accts Receivable	<p><b>Basis: Continuation of Service while Strategizing a Future Bid or Single Source Negotiation</b> Hosted platform for billing and payment services for campus-based federal and university loans for Student Accounts Receivable provided by Heartland Educational Computer Systems Inc (ECSI).</p> <p>This request is for an additional extension to the agreement to take it through the end of Calendar 2020. The Bursar's Office decided that negotiating a single source multi-year agreement would be in the best interest of the University. This was based on the following factors:</p> <ol style="list-style-type: none"> <li>1) the risk of non-compliance with federal regulations due to potential change over to a new servicer,</li> <li>2) importance of continuity during the closing of the Perkins Loan program,</li> <li>3) Cost avoidance of building cross-walk integration with a new servicer.</li> <li>4) Lack of servicers that provide the scope of work for large comprehensive universities,</li> <li>5) Risk of cost escalation.</li> </ol> <p>The negotiations will begin before this final extension expires, so that a new contract will be in place the beginning of 2021.</p> <p>Previous PO's: P0936706 - 11/2019 \$35,000 P0888132 - 11/2018 \$70,000 P0837467 - 10/2017 \$70,000.00 P0785246 - 09/2016 \$70,000.00 P0741426 - 10/2015 \$70,000.00 P0694661 - 10/2014 \$71,000.16 P0661873 - 02/2014 \$55,000.00</p>	Patrick Beirne, Director - Students Accounts Receivable; approved by Kenneth Doherty
35 P0939874	Ithaka Harbors Inc  \$ 29,550.00  Auxiliary Fund Accounts; University Press	<p><b>Basis: Use of Multiple Vendors for Similar Service</b> Hosting and subscription sales fees / commissions for Wayne State University Press journals provided by JSTOR/ Ithaka.</p> <p>JSTOR is an aggregator that hosts University Press content and sells subscriptions on our behalf. University Press works with as many other similar vendors as we can ( ex: Project MUSE, ProQuest) in order to ensure that its content has the broadest possible reach. The other vendors supplement, rather than replace, the services we receive from JSTOR.</p> <p>This is a continuation of the non-competitively bid contract that has been in place with JSTOR since May 2018.</p> <p>Previous POs:: P0906430 - 04/2019 - \$29,550.00 P0863180 - 05/2018 - \$22,000.00</p>	Tara Reeser, Interim Director of University Press; approved by Michael Wright

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
36	P0944485  Siemens Industry Inc  \$ 55,221.00  Plant Fund Account; FP&M AVP Admin	<p><b>Basis: Compatible with Existing Equipment through the OEM Source</b>            Replace Direct Digital Control (DDC ) in the the HVAC system located in the Engineering Development Center. The DDC is often used to control HVAC devices such as valves and fume hoods using software. Facilities Planning will replace the existing Siemens equipment with updated version of DDC Control to control the fume hoods and existing CO2 fire system.</p> <p>This is one of the buildings that currently have existing Siemens controls. Since the University has largely standardized Siemens for HVAC controls, FP&amp;M has opted to continue with that standard for this upgrade.</p> <p>FP&amp;M is continuing to review its Building Automations System (BAS) integration standards, to determine whether to competitively bid this or conduct a single source negotiation with Siemens, which would renew our preferred vendor agreement from 2007.</p>	Robert Davenport, AVP of FP&M; approved by Kenneth Doherty
37	P0944682  Strata Information Group  \$ 68,400.00  General Fund Accounts, Enrollment Management Services	<p><b>Basis: Compatible with Prior Engagements for Banner Applications Consulting</b>            Development of an automated workflow process for the School of Medicine's Leave of Absence Process to be provided by Strata Information Group (SIG).</p> <p>The university has currently contracted SIG consultants for Banner reimplementation. The school of medicine has been cited with a federal audit finding related to our Leave of Absence process and is in need of SIG consultants to develop an automated work flow to automate the leave of absence process that meets all stakeholder needs and compliance requirements. Additionally, this Leave of Absence work flow will produce a communication letter to each student.</p> <p>Previous SIG PO's:            P0831185 - 09/2017 - \$1,025,985.00            P0792412 - 11/2016 - \$124,780.00</p>	DeShaun Harris, Director of Student Services; approved by Kenneth Doherty
38	P0947790  BrandVR Inc.  \$ 106,999.99  General Fund Accounts; C&IT and Pharmacy	<p><b>Basis: Compatible with Software Development Applications for Pharmacy</b>            Driving Simulator device (simulator chair) and a Virtual Reality (VR) software application to be used to test and evaluate impaired driving habits and response times for research purposes for the College of Pharmacy &amp; Health Sciences from BrandVR.</p> <p>This Virtual Reality (VR) application and hardware will replace 15+ year old equipment currently being used for these purposes. This VR development purchase is a 2nd project for Pharmacy from Brand VR. The first project was a successful Drug Target XR mobile application developed and implemented this past summer. This was covered under PO PO917077 at \$62,000.</p> <p>This is a specialty product development and collaboration between the Provost and a former WSU graduate (now CEO of BrandVR, Inc). As educational outcomes are evaluated, this collaboration may continue to extend to more application development. This is not considered a competitive venture.</p>	Daren Hubbard, AVP of C&IT; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
39 P0946879	Leica Microsystems Inc  \$ 108,475.80  Grant Fund Account, Anatomy Administration	<p><b>Basis: Compatible with Existing Equipment through an Authorized Distributor</b> Upgrade to Envisu R2200 UHR Optical coherence tomography (OCT) System for the Department of Anatomy from Leica Microsystems.</p> <p>OCT is an imaging technique that uses low-coherence light to capture micrometer-resolution, two- and three-dimensional images from within optical scattering media (e.g., biological tissue). It is used for medical imaging and industrial nondestructive testing (NDT). No other commercial system has the 1.8 um axial resolution required for Dr. Berkowitz's research.</p> <p>This purchase is an upgrade to an existing OCT system (originally purchased for the Bioptigen) on P0715612, WSU Tag Number is 324211for \$64,000 in March 2015. The upgrade to the Envisu R2200 UHR will include:</p> <ul style="list-style-type: none"> <li>- Ultra-high Resolution (UHR) source</li> <li>- Standard OCT probehead (Gen 3)</li> <li>- Mouse Lens</li> <li>- Data station with Reader Software, Porter Drive and diver software for 120 V</li> </ul>	Linda Hazlett, Anatomy Chair; approved by Kenneth Doherty
40 P0945308	Dell Incorporated  \$ 35,328.68  Plant Fund Accounts; C&IT Administration	<p><b>Basis: Compatible with Existing Equipment Acquired via a Competitive Bid</b> Dell Compellent SC400 Disk Storage trays (2) which will be added to the Compellent Storage System for the WSU Data Center and Disaster Recovery location in Southfield. These systems store the University's primary enterprise data. The trays are populated with 128TB 7k disk drives that 96TB additional storage capacity to each system. They are designed to expand incrementally by adding disk storage trays as needed. The trays are compatible with the existing system in place.</p> <p>Computing &amp; Information &amp; Technology (C&amp;IT) originally purchased the Compellent Data Storage System in 2012, under P0-P0524110 at a cost of \$254,155.75. This order was the result of the RFP- Centralized Storage Project. Additionally, Dell is the manufacturer of the product purchased and thus the only vendor capable of providing software and hardware support.</p>	Daren Hubard, AVP of C&IT; approved by Kenneth Doherty

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41	P0945206  Myriad RBM, Inc.  \$ 28,851.00  Grants, Contracts, Restricted Gift Accounts; PRB Admin	<p><b>Basis: Compatible with Existing Testing Systems for Continuity of Research</b> TruCulture Blood Collection and Culture System for Perinatology Research Branch (PRB) to continue the longitudinal study of pregnant women. As the recipient of the National Institute on Health (NIH) award, the PRB's mission is to research the molecular immunological and biological mechanisms of diseases responsible for the "Great Obstetrical Syndromes.</p> <p>In order to study the functional properties of immune cells, the PRB has determined that the TruCulture Blood Collection and Culture System continues to provide a valid testing system in analyzing the immune cell function in maternal blood and cord blood. The reproducibility and simplistic design of the TruCulture system plays an integral role in the research performed at the PRB. The continued use of the TruCulture System will maintain their studies' consistency.</p> <p>Previous POs issued by the PRB to Myriad RBM. P0934842 11/4/2019 \$78,496.00 P0933600 10/25/2019 \$13,608.00 P0907133 4/16/2019 \$19,926.00</p>	Dr Hsu; Project Site Manager for PRB; approved by Kenneth Doherty
42	P0952100  Mountain Pass Solutions Inc  \$ 28,923.00  General Fund Account; Faculty Affairs Office	<p><b>Basis: Compatible with Existing Software System - Allows Standardization</b> Software program for the School of Medicine Faculty Affairs from Mountain Pass SmartPath. This system will replace Interfolio Faculty180 for Selective Salary that expires on September 30, 2020.</p> <p>Mountain Pass will configure the teaching grid and activity summary, provide templates for letters of offer including import current data from Interfolio (the current system) and other tasks to ensure successful integration.</p> <p>To ensure compatibility and standardization, the VP for Academic Affairs has selected Mountain Pass as their vendor for hiring of faculty and promotion and tenure. This will allow compatibility and standardization with Mountain Pass software used by the VP for Academic Affairs, purchased on Purchase Order P0941484 for \$107,675 on December 20, 2019.</p> <p>With the prior order, it was noted that there are two viable vendors in this market and both were evaluated extensively by the project team; Mountain Pass and Interfolio. Both vendors offer similar functionality, but after evaluation, Interfolio was considered less viable as it did not fully integrate with our current on-line hiring software (jobs.wayne.edu). Additionally, Interfolio was priced at about 40% more than Mountain Pass. Mountain Pass's ability to integrate with Banner was also an important deciding factor for this purchasing decision.</p>	Basim Dubaybo, Vice Dean - School of Medicine; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
43 P0951694	CrossComm Inc  \$ 50,000.00  Grants, Contracts, Restricted Gift Accounts; Dept of Oncology	<p data-bbox="611 277 1507 295"><b>Basis: Continuation of Application Development using the same Service Provider</b></p> <p data-bbox="611 302 1793 375">Phase 3 enhancements for the development of a MyPatientPal Smartphone Application to help cancer patients monitor their daily symptoms related to treatment and monitor their adherence to medications for the Office of the Vice President for Research (OVPR) from CrossComm.</p> <p data-bbox="611 402 1814 500">The APP has previously been used in research with patients who are being treated for cancer. To expand its capabilities, it will be adapted to help patients who have or develop hypertension, to manage this risk-enhancing co-morbidity. This APP is one piece of a larger research program that will, eventually focus integrating the smartphone data into an electronic health record.</p> <p data-bbox="611 529 1745 602">CrossComm developed the iOS and Android version of the first iteration of the APP. The current project involves developing content, modifying the user interface, and adding to the administrative portal to allow use by multiple research studies.</p> <p data-bbox="611 631 1745 704">CrossComm developed the iOS and Android version of the first iteration of the APP. The current project involves developing content, modifying the user interface, and adding to the administrative portal to allow use by multiple research studies.</p> <p data-bbox="611 734 1808 782">CrossComm is a mobile and web application development studio that builds custom iOS, Android, Web, and Augmented RealityNirtual Reality APP. Mobile APP Development is one of the CrossComm's core competencies.</p> <p data-bbox="611 812 1793 885">CrossComm is in current negotiations with Wayne State University's Technology Commercialization Office to establish additional formal academic partnerships on the WSU campus, which will allow for more long-term collaborations with faculty across the university.</p> <p data-bbox="611 914 1814 1086">The developer of the APP, Dr. Harper, met with two other software firms, Logic Solution and KW Works, in prior to the initial build of the app. Logic Solution's business model did not allow for iterative versions of the APP. which is critical for this type of research that is developed and revised based on end-user (e.g., patient, provider) feedback. Similarly, KW Works was not equipped to adapt its app development model for the necessary and nuanced feedback from patients and providers. After initial meetings with these companies, the OVPR decided not to pursue formal bids because no other company was able to provide the University with the development model or expertise this specific and critical research requires.</p>	Evano Plasentin; Dept of Oncology; approved by Kenneth Doherty

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44 P0951521	Access Interactive LLC  307,938.00  Plant Fund Accounts; FP&M	<p><b>Basis: Compatible with Existing Equipment - Standardization at C&amp;IT</b> 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 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 Brian Dadey
45 P0951485	Physician Assistant Education Association  \$ 27,072.00  General Fund Account; Physician Asst Std	<p><b>Basis: Standardization of Exams - Consolidated Individual Purchases</b> PACKRAT Exam, End of Curriculum Exams and Student Exam Boxes for the College of Health Sciences from Physician Assistant Education Association.</p> <p>The student exam boxes, include 2 Packrat Exams, End of Rotation Exams and End of Curriculum Exams.</p> <p>These exams are only available with this organization and is what the University's accrediting body recommends using to assess student competency.</p> <p>These exams are part of standardized testing for the Physician Assistant Studies program. This is set up for testing students in each area for competency after clinical rotations.</p> <p>In the past have been purchased separately and at different times. There have been 12 small dollar prior purchase orders since May 2013. All prior orders have been below \$15,000, for a total of approximately \$75k.</p>	Sara Maher, Department Chair of Physicians Assistant Program; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
46	P0952353  UWorld LLC  \$ 275,400.00  General Fund Account; Learning Support	<p><b>Basis: Standardization of School of Medicine Self-Assessment Tools</b> USMLE World Self Assessment Checks for the School of Medicine Year 1 and 2 students. This is a continuation of resources provided from previous years of medical school curriculum. This is the only company that provides these forms.</p> <p>This request is for both Year I and Year II which were purchased separate until the last order in 2018.</p> <p>Other items are purchased through USMLE throughout the year, including additional individual step-prep resources provided by Wayne State University School of Medicine in the form of question banks and assessments, and small dollar Procard purchases throughout the academic year. Previous POs are - for Step 1 = P0875075, P0834624, P0782375, etc; for Step 2 = P0867183 and P0819361 and for Steps 1 and 2 combined = P0880268 in 2018 for \$257,400.00.</p> <p>Total prior spend = \$1,224,638.00 since 2014.</p> <p><b>19 / \$ 1,458,223.30</b></p>	DeShaun Harris, Director of Medical Student Services; approved by Kenneth Doughty
<b>E. PARTNERSHIPS/SPONSORS</b>			
47	P0939628  Henry Ford Health System  \$ 435,121.00  General Fund Account, Med Student Ed  P0939628, P0939625, P0939622, P0939619	<p><b>1 of 4 - Basis: Collaboration with Henry Ford to bring additional educational faculty to the School of Med</b> Contracted Services for the School of Medicine to be provided by Henry Ford Health Systems (HFHS). Four HFHS Physicians are to serve as faculty on behalf of WSU School of Medicine. Each physician will be working as faculty at 0.5 full-time equivalent or less.</p> <p>This is considered the best approach, and also prior practice, for hiring and compensating Henry Ford physicians to serve as educational faculty for the Medical Students from Wayne State University.</p> <p>No other lower cost options are available locally that provide the unique service of medical education from faculty at the MD level.</p> <p>The service being requested is unique to the vendor (HFHS), but will continue to benchmark future positions with other similar sized educational institutions for economical standardization.</p>	DeShaun Harris, Director of Medical Student Services; approved by Michael Wright

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
48 P0947034	University of Michigan  \$ 101,515.00  General Fund Account, Anxiety Disorders Res.	<p><b>Basis: Collaboration with the U of M for Clinical Testing, Assessments, and use of MRI</b> Collaborative research services for department of Psychiatry &amp; Behavioral Neurosciences with the University of Michigan. The services will be overseen by U of M's Dr. Hannah, who is a leading Child Psychiatrist in Obsessive Compulsive Disorder(OCD) Research in the State of Michigan. Dr. Hannah and his team recruit &amp; complete diagnostic evaluations and neuropsychological testing of 112 pediatric research participants. Details of the goals of the study have been provided to Procurement.</p> <p>U of M will perform clinical assessments, genetic testing and will refer patients meeting the diagnostic criteria to Wayne State. Wayne State will conduct the sophisticated Magnetic Resonance Imaging (MRI) portion. This is a unique research project that no other institutions within the State are pursuing.</p> <p>This work reflects the signed research collaboration contract between Wayne State and U of M.</p>	David Rosenberg, Chair Psychiatry; approved by Kenneth Doherty
49 P0815389	Regents of the University of Michigan  \$ 50,000.00  Faculty Start Up Funds - Thomas Linz	<p><b>Basis: Partnership with the University of Michigan</b> Blanket PO covers usage of the Lurie Nanofabrication Facility at University of Michigan by WSU Department of Chemistry for research purposes. This facility houses specialized equipment required to manufacture devices for WSU, Chemistry research. WSU uses numerous pieces of equipment and is billed at an hourly rate. WSU does not possess this specialized equipment and since UofM is the closest facility that does, it was selected. Also, UofM provides us with an academic discount, so it is less expensive than commercial companies.</p> <p>* Blanket order P0815389 current time period is 5/11/2017 - 8/17/20. * This is the 6th Change Order Request to increase the PO amount to \$27,286.81. (original amount begin at \$2,000)</p> <p>* This bid waiver request is for \$50,000.00 to justify the Chemistry Department's continued usage of this facility. * A new PO will be issued after the 8/17/20 expiration date to cover continued usage.</p>	Mathew Allen, Department Chair - Chemistry; approved by Kenneth Doherty
50 P0951811	Regents of the University of Michigan  \$ 33,641.00  Grants, Contracts, Restricted Gift Accounts; Emergency Medicine	<p><b>Basis: Partnership with the University of Michigan</b> Salary Reimbursement for services required for Emergency Medicine from The University of Michigan.</p> <p>This request is for 1/4 of the salary and professional development costs for a U of M employee to organize and evaluate the development of a Michigan-based CARES (Cardiac Arrest Registry to Enhance Survival) project, and to support the SaveMIHeart project and provide administrative support for the coordinator salary and fringe benefits.</p> <p>This is a shared position will support both CARES and SaveMIHeart. The employee of U of M is currently being utilized to support this initiative, with the understanding that Wayne State would share the cost equally with William Beaumont, Henry Ford Health System and U of M. A Memorandum of Understanding outlining the financial responsibility of each participating institution was signed by Provost Keith Winfield on 1-27-2020</p>	Jeri Gleichauf, Assoc Director of Emergency Medicine; approved by Kenneth Doherty

**4 / \$ 620,277.00**

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

**0 / \$ 0.00**



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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
<b>G. OTHER (SEE EXPLANATION)</b>			
51	P0941484 Mountain Pass Solutions Inc  \$ 107,675.00  General Fund Account VP for Academic Affairs	<p><b>Basis: Informal Sourcing Conducted by the Requesting Department</b> Workflow software subscription used to assist in the hiring of tenure track and clinical faculty and to assist in the promotion and tenure process for Academic Affairs from Mountain Pass SmartPath.</p> <p>The VP Academic Affairs is in need of a software system that automates and streamlines the tenure track and clinical faculty hiring process which is currently done manually. This software will also be used for the University-wide promotion and tenure process.</p> <p>There are two viable vendors in this market and both were evaluated extensively by the project team; Mountain Pass and Interfolio. Both vendors offer similar functionality, but after evaluation, Interfolio was considered less viable as it did not fully integrate with our current on-line hiring software (jobs.wayne.edu). Additionally, Interfolio was priced at about 40% more than Mountain Pass. Mountain Pass's ability to integrate with Banner was also an important deciding factor for this purchasing decision.</p> <p>This is a specialty software with limited offerings in the market. These products were evaluated by the project team and the superior and most cost effective product was selected.</p>	Boris Balttes, VO Academic Affairs; approved by Kenneth Doherty
52	P0893882 Computech Corporation  \$ 77,125.00  General Fund Account; PRB Administration	<p><b>Basis: Continuation of Services during the RFP Process</b> Temporary Staffing Services for the Perinatology Research Branch (PBR). In the course of the research, the PRB hires for various positions from clerical to high level researchers including bio-statisticians and epidemiologists.</p> <p>This bid waiver covers an administrative assistant, Koivda Rao, who will work with the Dr. Yeo, director of Fetal Cardiology. Ms Rao manages the Fellowship operational activities, assists the Program director on creating policies required for compliance.</p> <p>This bid waiver is requested to increase the existing PO-P0893882 from \$57,125 and increase it by \$20,000.00 to \$77,125.00.</p> <p>The five year strategic source agreement for external faculty assignments through Computech dated June 27, 2014 expired, hence the waiver for the added funds is to close out this particular engagement with Computech. Procurement is currently working with the PRB to establish a Request for Proposal for future temporary staffing services.</p>	Chaur-Dong-Hsu, PRB Project Site Manager; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
53	P0940616	University of Nevada Las Vegas  \$ 32,806.88  General Fund Account; Research Stimulation	<p><b>Basis: Only known source for a critical safety application</b>            Chimera Chemical Inventory Management and Electronic Reporting Software Application that provides access to Important inventory and hazard data for the Office of Environmental Health and Safety (OEHS) from the University of Nevada - Las Vegas.</p> <p>This application tracks chemical containers via barcode and the information is stored in a secure location in the cloud. It provides hazard summaries by lab and by floor or by building, and codes are generated so authorized emergency responders can access more detailed information about the hazards to which they may be exposed. This allows users to search the database by chemical, or by hazard category. Access to information is controlled and determined by each user's role (PI, research assistant, OEHS, external emergency response).</p> <p>Chimera has demonstrated excellent customer service as they are very responsive and helpful. The program's developers (Johnny Centineo and Robert Deaver) are the primary points of contact. WSU's biggest potential users of this system, the Chemistry Department and Science Stores, have benchmarked other systems and are strongly in support of using this system. OEHS has spoken with other satisfied Chimera customers and benchmarked other systems with similar functionality, and is strongly in support of using this system. Other Chimera users have expressed great satisfaction with the system and the support. The system is designed primarily for universities, and Chimera has not lost a customer.</p> <p>OEHS and Research Integrity have been looking for an affordable solution to manage WSU's chemical inventory information for several years. and were unsuccessful in finding such a system on the market that fully meets our needs prior to becoming aware d Chimera. Chimera's price per chemical decreases as the number of unique chemicals entered into the system Increases. This tier-based fee structure also supports efforts to save money and reduce risk by disposing of expired and unneeded chemicals.</p> <p>WSU C&amp;IT has reviewed the security, WSU General Counsel has reviewed the licensing agreement and Risk Management has reviewed the application.</p> <p>Previous Chimera PO's:            P0883639 - 10/2018 - \$22,498.00            P0836864 - 10/2017 - \$40,400.00</p>	Antonio Yancy, Office of Vice President for Research; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
54 P0940493	Dell Incorporated  \$ 43,553.76  General Fund Accoun; C&IT Desktop Technology Services	<p><b>Basis: Informal Bidding Conducted by the Requesting Department</b>            Alienware Aurora R9 Desktop Gaming Systems from Dell Computer for the new eSports Gaming Project and the Tech Bunk, which will be located in the lower level of the Student Center Bldg. and at the UGL. The Computing Information &amp; Technology Office evaluated three systems -Dell Precision, Dell Alienware Aurora R9 and iBuyPower, and determined that the Dell Alienware-Aurora system would best fit the need of the eSport Project.</p> <p>The Dell Precision was eliminated from consideration due to it's lack of functionality needed for gaming. The pricing of the Dell Alienware-Aurora system at \$1,814.74 was found to be \$165.00 less per unit than the iBuyPower unit, priced at \$1,980.00.</p> <p>The Alienware-Aurora system was found to be more efficient and provided better network connectivity to the WSU network.</p> <p>Dell is currently the University's strategic source supplier for desktop and laptop equipment as a result of an RFP effort led by Procurement in early 2016, and this order will be governed by the terms of that contract award.</p>	Daren Hubbard, AVP & CIO of CIT; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
55 P0945012	Access Interactive LLC  \$ 151,726.00  Designated Fund Accounts; C&IT Admin VP	<p data-bbox="611 277 1356 295"><b>Basis: Informal Sourcing conducted by the Requesting Department</b></p> <p data-bbox="611 302 1696 347">Dell Servers and VMWare software to move Video Security to virtual hosting environment for Computing and Information Technology to be provided by Access Interactive.</p> <p data-bbox="611 378 1755 475">VMware's vSAN software is only supported on specific servers that are listed on the vSAN compatibility list. The Dell R740xd servers are on this list and are the server models that WSU uses for its existing vSAN and Video Security environments. Using the same line of servers is highly desirable for maintaining compatibility with the existing infrastructure investment and systems management tools and procedures.</p> <p data-bbox="611 506 1818 781">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 of the Computing Centers existing 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. Access Interactive has assisted in the implementation of various VMware products at WSU, both in C&amp;IT and Engineering. Their specific knowledge of the University's existing environment allows this vendor to provide additional value-add services in assuring that we are procuring the most cost-effective products and solutions and assisting in their implementation. In addition, the Computing Center has an existing bank of 25.25 hours of professional services from Access Interactive that can be used for the installation of these systems. Due to the quick turnaround time needed to get this environment ready for service and the impact on safety &amp; security of the campus, professional services assistance from Access Interactive will improve the probability of a successful on-time implementation.</p> <p data-bbox="611 812 1818 932">The Computing Center performed an extensive investigation into various centralized storage environments that could be used to support a virtualized approach to the Video Security infrastructure. Several vendors submitted proposed solutions that could support the Qognify application. Qognify was also consulted regarding possible alternatives. The various storage solutions were in the neighborhood of two to four times the cost for the same storage capacity and would still require the VMware licenses and 4 hosting</p> <p data-bbox="611 963 1818 1086">The other alternative considered is to continue the use of stand-alone servers for this application. The University currently has 22 stand-alone servers and 1 virtual server that support the existing camera infrastructure (approximately 1700 cameras). Three additional servers are required to support STEM and Chatsworth. Each standalone server has a cost of approximately \$12,000. There is also the need to retire 5 of the existing servers. This would be an investment of over \$96,000. Using standalone servers does not provide the flexibility to dynamically reconfigure the resources per</p>	Daren Hubbard, AVP & CIO of Computing & Information Technology; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
56	P0944476  Dell Incorporated  \$ 26,011.17  Plant Fund Account; FP&M AVP Admin	<p><b>Basis: Informal Sourcing conducted by the Requesting Department</b> Dell Network Switches for Computing &amp; Information Technology (C&amp;IT) This is bid waiver is to purchase Dell EMC and Dell Networking N2000 switches and associated hardware, to complete the installation of technology required for the newly renovated STEM Innovation Center, located in the Science and Engineering Library. These switches allow computer devices to communicate across the network.</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.</p>	Daren Hubbard, AVP & CIO of Computing & Information Technology; approved by Kenneth Doherty
57	P0948951  SHI International Corporation  \$ 31,005.00  General Fund Account; C&IT	<p><b>Basis: Informal Sourcing conducted by the Requesting Department</b> Web-based security awareness training for all WSU employees through Computing &amp; Information Technology (C&amp;IT), to be provided by KnowBe4.</p> <p>C&amp;IT's Information Security (CISO) team is requiring security awareness training to improve employees knowledge of security risks and empower users with best practices to ensure and reduce WSU's risk for security breaches. This purchase will replace the current SANS training that was determined to be inadequate.</p> <p>WSU has been contracting with SANS Institute since 2017 for this training need. Most recently C&amp;IT has identified several problems with the SANS platform, including complete unavailability of the program during our largest training push of the year. Additionally, a WSU Internal Audit from 2017 revealed some deficiencies in the current training and KnowBe4 addresses those requirements.</p> <p>The CISO team leveraged a recent Educause poll of Information Security leaders in Higher Ed to choose products for evaluation. It was determined there are only a few vendors that met the current business need. The top three polled products were SANS, KnowBe4 and some version of home grown content. Creating C&amp;IT's own content was not feasible. A highly reviewed Gartner product, Wombat via Proofpoint was also evaluated but was more expensive and did not meet the business need. The evaluation team from C&amp;IT re-reviewed an expanded version of the SANS product which proved to be of lesser quality and given past issues with the vendor was negated.</p> <p>KnowBe4 was fully evaluated and the CISO team concluded it was significantly better than its competitors. A direct contact purchase resulted in an immediate 30% promotional discount from list pricing from KnowBe4 was extended from December 2019. KnowBe4 is also available through resellers. C&amp;IT reached out to vendors Presidio and SHI, as KnowBe4 advised and SHI provided pricing that was superior to direct pricing from KnowBe4 with an additional 4% discount to the total price.</p>	Darin Hubbard; AVP& CIO of C&IT; approved by Kenneth Doherty

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<b>PO NUMBER</b>	<b>VENDOR / PRICE FUNDING SOURCE</b>	<b>DESCRIPTION</b>
	<b>Total</b>	<b>57 / \$ 4,903,786.54</b>

Approved by