

**PURCHASING EXCEPTION REPORT
FY 2020
September - November 2020**

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	A. SCIENTIFIC JUDGMENT (S03, S04)			
1	P0963055	DEWESoft LLC \$ 35,899.99 General Fund Account, Faculty Start Up	<p>Basis: Scientific Judgment based on Equipment Functionality 16 channel data acquisition system for BioMedical Engineering (BME) to be purchased from DEWESoft.</p> <p>This system is daisy chained from two 8-channel systems and will be used to measure blast exposure intensities and dynamics at extremely high frequency (MHz) and sampling rate in 6 degrees of freedom. This system can also be used to record high speed dynamic impact events with the use of interface units to switch between different types of the sensors/signals/conditioners, making this system not only be used as a dedicated device for this blast /impact measurement but also a versatile system that can be easily adapted for different experiment conditions/environments and suitable for different sensors/signals for recording purposes.</p> <p>The BME department has purchased several earlier models of data recording system from the same vendor (2005-2012). The BME research team has tried DEMO unit of the system being purchased and are happy with the system. This team is also familiar with the software of the system making it is easy to use for the ongoing projects and data processing purpose. Also, most of the BME students and engineers at BME have experiences with the system and software.</p>	Cynthia Bir, Chair of BME Dept; approved by Kenneth Doherty
			Several ongoing projects depend on the availability of the system for carrying out the studies.	

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2	P0963328 Toptica Photonics, Inc. \$ 70,601.80 General Fund Account, Faculty Start Up	<p>Basis: Scientific Judgment based on Equipment Functionality Terahertz spectroscopy system for Physics and Astronomy manufactured by Toptica Photonics.</p> <p>This system is unique as it generates a tunable Terahertz beam from ~100 GHz to 2 THz. No other manufacturer offers this complete systems. Only the Terascan system integrates the following four component together: 1) Tunable diode lasers, 2) Coaxial optical fibers, 3) Specialized solid-state terahertz emitters/receivers, 4) Software for system control. In addition, the Toptica system is upgradable. Through targeted funding opportunities, the department intends to acquire add-ons that (for example) extend the frequency range of the system.</p> <p>While it is possible that individual components (1) - (3) could be sourced from independent vendors, and software (4) might possibly be written by the lab, the resulting system would not perform as well as a system that was designed and manufactured to do the complete array of requirements.</p> <p>While it is possible that individual components (1) - (3) could be sourced from independent vendors, and software (4) might possibly be written by the lab, the resulting system would not perform as well as a system that was designed and manufactured to do the complete array of requirements.</p>	Peter Hoffman, Chair of Physics; approved by Kenneth Doherty
3	P0963441 10XGenomics \$ 44,975.00 General Fund Accounts, ICR Faculty Share, Med Res	<p>Basis: Scientific Judgment based on Equipment Functionality 10xGenomics Chromium Controller for several departments in the School of Medicine to share. This machine allows separation of single cells into nanoparticle for the preparation of single cell RNA library for single cell RNA Sequencing.</p> <p>Single cell sequencing is a new technology. The 10xGenomics is the only company on the market who produce such equipment at the present time. The primary department has been following this product from this company over the last couple of years; this newest version is less expensive and more advance than before. 10XGenomics also offered discounts for future reagent purchasies.</p>	Dr Linda Hazlett, Vice Dean of Research and Grad Programs; approved by Kenneth Doherty

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4	P0963630 Denlander Medical LLC \$ 49,000.00 Grant, Contracts, Restricted Gift Accounts; Dept of Oncology	<p>Basis: Requirement of the University of Illinois Grant Ultrasound Tomography Technology Services for the Dept of Oncology from Dr Pter Littrup/Delander Medical. As required by the grant, Dr Littrup will</p> <p>1) develop image quality metrics to compare performance of time-based and frequency-based algorithms II) select UST, mammography and MRI clinical images for comparative analysis III) compare image using MRI as a gold standard reference iv) help assess clinical impact of images and improvement of 3-d imaged over 2-d images and v) help write publications; presentations and white papers These services are to support an on going Oncology research.</p> <p>Dr Littrup was a radiologist at Wayne State for many years before leaving Wayne to start his consulting business 6 years ago. During his time at Wayne State, he working with the PI in Oncology to develop the ultrasound tomography technology that is related to the current project needs. As a result, Dr Littrup brings a unique skillset and capabilities to provide services that will help the project a success.</p> <p>Dr Littrup one of the early developers of this technology, and is capable of performing the procedures without further training or expense. In addition, Dr Peter Littrup has been names in the nIH grant part of the grant application</p>	Darin Hubbard, AVP & CIO of C&IT; approved by Kenneth Doherty
5	P0964278 Micromeritics Instrument Corporation \$ 70,900.00 General Fund Account Faculty Start Up	<p>Basis: Scientific Judgment based on Equipment Functionality 3Flex MicroActive Share Multiport Surface Characterization Analyzer for the Department of Chemistry from Micromeritics Instrument Corporation.</p> <p>This is the only instrument available that can simultaneously analyze three samples at one time. This will alleviate weeks of waiting for the analysis of samples, and ensure the research is continual and there are no stoppages. Any other known instruments only analyze one at a time. The quoted instrument package is capable of preparing up to six samples simultaneously, another time-intensive step of this analysis.</p> <p>TheQuantachrome Autosorb mQ system was also considered as a potential alternative. Unfortunately, this system offers less than third of the sample throughput than the Micromeritics Instrument.</p>	Matthew Allen, Chair of Chemistry; approved by Kenneth Doherty

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6	P0964434 Fisher Scientific \$ 122,354.19 General Fund Account, Faculty Start Up	<p>Basis: Informal Bidding Conducted by the Requesting Department Cytation 5 Imaging Reader, BioSpa 8 Automated Incubator and accessories for the Obstetrics and Gynecology Department from Bio-Tek.</p> <p>This is a custom imaging system available from only one manufacturer. This system provides live viewing of cells and tissues in fluorescence, high contrast brightfield, color brightfield and phase imaging modes.</p> <p>The equipment was researched and an additional quote from another company, Sartorius, was solicited and provided to Procurement. This quote was more expensive than the Bio-Tek instrument and the system quoted did not have all of the features of the Bio-Tek instrument. The additional features are required for the research being done in the Department of Obstetrics and Gynecology.</p> <p>In addition, Bio-Tek will custom-built is instrument and will keep in direct communications with the PI.</p>	Gil Mor, Ob/Gyn; approved by Kenneth Doherty
7	P0965315 Meso Scale Diagnostics, LLC. \$ 55,000.00 General Fund Accounts- Faculty Start Up, Emergency Medicine	<p>Basis: Scientific Judgment based on Equipment Functionality MESO QuickPlex SQ 120MM Reader for the Institute of Environmental Health Sciences (IEHS) from Meso Scale Discovery. This instrument is required for the measurement of cytokines and other proteins in rodent and human samples.</p> <p>This was the only vendor considered for this equipment since MSD is the only company who manufactures equipment with the required features and specifications. MSD utilizes electrochemiluminescence to detect binding events on patterned arrays. There are no other technologies that enable multiplexed measurement using electrochemiluminescence for detection. This is significant in that this is the only known detection system that is not reliant on beads or flow cells.</p> <p>The MSD platform is unique in its method for detection.</p>	Dr. Runge-Morris, Director of OEHS; approved by Kenneth Doherty

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8	P0965323 Quanterix Corporation \$ 80,500.03 General Fund Accounts- Faculty Start Up, Designated Fund Accounts Biomedical Engg	<p>Basis: Scientific Judgment based on Equipment Functionality</p> <p>Quanterix SR-X Instrument for Bioengineering from Quanterix. This digital immunoassay instrument is capable of analyzing samples using the proprietary single-molecule array (Simoa) technology and delivering an ultra-sensitive measurement of proteins of interest over a wide dynamic range.</p> <p>This system has the following features that are not available in any other system:</p> <ol style="list-style-type: none"> 1) Quanterix Simoa (Single Molecule Array) SR-X Analyze: is digital immunoassay instrument capable of analyzing samples using the proprietary single-molecule array (Simoa) technology and delivering ultra-sensitive measurements of proteins of interest over a wide dynamic range and with low CV's. Includes instrument and software with one full year of service and warranty coverage, 2) Simoa Microplate Washer: the Simoa Microplate Washer features 96-well plate washing for sample prep of Simoa assays and also includes a one year warranty, and 3) Simoa Microplate Shaker (110 V): or Simoa reagent mixing and assay incubations, digital programming and control of shake speed (100 to 1200 rpm) and incubation temperature (ambient +5°C to 65°C) also includes 5 year warranty. 110 V. <p>For improved sensitivity of quantifying protein biomarkers, Simoa (Single Molecule Array) SR-X is identified as a sole source purchase for an automated ultrasensitive biomarker quantitation platform from Quanterix Corporation. Other instruments - Luminex 100/200, MSD Sector 600, BD LSR Fortessa, and Millipore Erenna instruments do not provide overall ultra-sensitivity of single femto-gram quantitation, attomole sensitivity for single nucleic acid detection without amplification, CV's of less than ten percent and or multiplexing in a semi-automated Single Molecule Array technology that gives us Digital ELISA. The Simoa SR-X Analyzer is the only instrument with these specifications, making this ultra-sensitive instrument unique in the market.</p> <p>Other instruments - Luminex 100/200, MSD Sector 600, BD LSR Fortessa, and Millipore Erenna instruments are cheaper but do not provide overall ultra-sensitivity of single femto-gram quantitation, attomole sensitivity for single nucleic acid detection without amplification, CV's of less than ten percent and or multiplexing in a semi-automated Single Molecule Array technology that gives us Digital ELISA.</p>	Dr Cynthia Bir, Biomedical Engineering; approved by Kenneth Doherty

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9	P0969035 GE Medical Systems Ultrasound & Primary Care Diagnostics LLC \$ 54,575.65 General Fund Account, Faculty Start Up	<p>GE ultrahigh resolution ultrasound machine with 22mHz probe for Neurology from GE Medical.</p> <p>PI Ryan Castoro used this machine, NextGen LOGIQ e R8 compact digital ultrasound console, at other institutions to collect and publish research data. The NextGen LOGIQ imaging engine comes from GE's flagship console systems, provides crisp images in a compact package. Point-of-care-specific software and transducers help to see the needle to administer a block or perform an aspiration quickly. The PI can control the console from the transducer - potentially eliminating the need to have a second person assist.</p> <p>Anatomy-specific presets and the ability to display only the functions you need means you can focus on the patient rather than the control panel. It features enhanced cybersecurity with the Windows@10 operating platform and is durable and compact for easy portability.</p> <p>Additionally, this particular machine is used by many of Neurology collaborators. In order to make the data collection as scientifically sound and reproducible to the scientific community at-large, this is the only feasible machine that will keep the data consistent as to not lose any of the research integrity.</p>	Jun Li, Chair of Neurology; approved by Kenneth Doherty

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10	P0968130 FEI Company \$ 1,400,000.00 Grant Fund Account Chemistry Admin	<p>Vacuum System Workstation for the Department of Chemistry from FEI, a division of Thermo Fisher.</p> <p>This is a Talos F2000x G2 system and the core instrument includes X-Twin. The Tecnai X-Twin F20 is a highly advanced, state-of-the-art 200 kV scanning transmission electron microscope (S/TEM) equipped with a field emission system.</p> <p>The NSF:MRI TEM committee conducted a thorough review of TEMs that met their research needs. After the initial review only two companies had TEMs that would be suffice for their material characterization needs, FEI (ThermoFisher Scientific) and JEOL. The evaluation committee requested images of research samples, data interpretation of images, a meeting with each vendor, training and a week to use the data software packages, and quotes. After each JEOL and ThermoFisher provided the images, training, and information requested. The NSF:MRI committee unanimously agreed the Talos would provide the best results for the research.</p> <p>This instrument system is being purchased with an NSF:MRI with 30% matching funds from the University. Kimberly Toby-Tomaszewski from Procurement provided oversight of the TEM comparison. The NSF:MRI TEM committee needed to make sure the best TEM was purchased for their research needs.</p>	Matthew Allen, Chair of Chemistry; approved by Kenneth Doherty
11	P0967857 Coherent Inc \$ 63,500.00 Grant, Contracts and Restricted Gift Accounts, Anatomy Dept	<p>Laser system with the wavelength of 920 nm (infrared) for Ophthalmology from Coherent.</p> <p>This laser is for the two-photon microscopy being built in the Ophthalmology Laboratory. This laser is a Multiphoton excitation microscopy applications are served by key wavelengths at 920 nm and 1064 nm, with dispersion precompensation included to optimize short pulses at the sample plane. The lab will benefit from a common, plug-and-play interface with the same form factor for each wavelength. This systems is completely air-cooled with no maintenance requirements. This enables a low cost of ownership and long lifetimes for the system.</p> <p>While there are companies that sell laser systems, they do not include the two-photon microscopy; this company made the laser system with a fixed wavelength to reduce the price. This system is much more affordable among the system from other companies. Coherent is the sole vendor for this type of laser system. with a two-photon microscopy.</p>	Linda Hazlett, Chair of Anatomy; approved by Kenneth Doherty

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12	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0967695	Diagnosys LLC \$ 67,100.00 Grant Contract and Restricted Gift Accounts, Ophthalmology Dept	<p data-bbox="655 282 1549 303">Advanced Performance Ganzfeld Color Dome for Ophthalmology from Diagnosys.</p> <p data-bbox="655 342 1766 570">This system includes (E3) a 110 v power supply , color dome, desktop set up and chin rest. This instrument will allow the end user to clinically measure Visual Evoked Potential (VEP) measures the electrical responses of the neurons of the visual cortex of the brain to a light stimulus introduced to the retina. It is simple non-invasive procedure allowing for objective evaluation of the entire visual tract function, mainly the optic nerve. VEP is used to detect functional loss of the optic nerve fibers, helping to diagnose optic nerve diseases. Dark Adaptation (DA) measures the ability of rod photoreceptor cells of the retina to adjust to the absence of light. DA has a high value in the diagnosis of rod photoreceptor diseases due to genetic defects or secondary to another condition.</p> <p data-bbox="655 602 1766 773">ERG, VEP and DA are necessary diagnostic entities that are included in the protocol of modern studies in several areas of medicine. With today’s rapidly developing genetic treatment technologies, pharmaceutical industries increasingly support genetic testing of the population, building up a database of patients who will potentially qualify for newly discovered genetic treatments. ERG is necessary part of patients’ chart. Patients who have received genetic treatment for the retinal or optic nerve disease, must be monitored with the electrophysiology of the retina and the optic nerve.</p> <p data-bbox="655 805 1766 971">The new “DIAGNOSYS” system is provided with ERG, VEP and DA protocols. It is an excellent tool that can be used for both the nationwide studies and our local research projects conducted by the ophthalmology residents and medical students under the mentorship of our faculties. It is requested as it is a unique system that does all three modalities ERG, VEP and DA protocols. It is a simple to use system (after training) and will be user friendly to the various clinicians residents who will use the instrument. The requested system is unique in that it has Advanced flash capabilities:</p> <ul style="list-style-type: none"> <li data-bbox="655 979 1213 1000">* ColorDome™ has a trillion-to-1 luminance range <li data-bbox="655 1008 919 1029">* Any color background <p data-bbox="655 1037 1087 1058">It is Easy to use, ultimate performance</p> <ul style="list-style-type: none"> <li data-bbox="655 1066 846 1088">* Self-calibrating <li data-bbox="655 1096 978 1117">* Full electronic color control <li data-bbox="655 1125 1404 1146">* Applications are broad and include diagnostics as well as research <li data-bbox="655 1154 1071 1175">* Disease diagnostics and monitoring <li data-bbox="655 1183 978 1205">* Research and development 	Linda Hazlett, Chair of Anatomy; approved by Kenneth Doherty

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13	P0967627 Active Motif Inc \$ 29,871.00 General Fund Account Faculty Retention	<p>ChIP-sequence analysis for human iPSC cells and arsenic-induced cancer stem cells to investigate how epigenetics contributes the formation of cancer stem cells, for the Pharmaceutical Sciences Department.</p> <p>Active Motif has performed ChIP-seq service for Pharm Sci multiple times in the past. For data consistency, it is the best option for the department's interest in obtaining high quality and publishable data. Active Motif Inc has the best known technology and experience for ChIP-seq.</p> <p>The cost of service by ActiveMotif is comparable to other companies. ActifMotif is one of few companies in US who can provide such reliable services. Pharm Sci is typically provided with prices at a 10 to 50% discount.</p> <p>Previous PO: P0958239 --7/9/20 -- \$34,635.00 P0872145 - 7/26/18 -- \$24,935.00 P0867614 - 6/20/18 - \$18,500.00</p>	George Cocoran, Assoc Dean Pharmacy; approved by Kenneth Doherty
14	P0967540 Molecular Devices LLC \$ 29,119.20 Grant Contract and Restricted Gift Accounts, Anatomy Dept	<p>MultiClamp 700B Microelectrode Amplifier for Anatomy from Molecular Devices.</p> <p>The three items included in this quote are used together to acquire and record cellular signals using the patch clamp method applying for the mouse eye tissue. In detail, the MultiClamp is the amplifier; the digidata is the analog-digital converter; and pClamp 11 is the computer software organizing the system.</p> <p>This is the same as the system Anatomy has been using over the years. The lab has an extensive experience with the system and the system's features of user friendly and reliability, which cannot be replaced with other systems.</p> <p>Previous Purchase Orders for inclusion in the system being built are as follows: P0730540 07/22/2015 \$17,999.00 P0752134 01/08/2016 \$14,244.01 P0938037 11/26/2019 \$7,473.95</p>	Linda Hazlett, Chair of Anatomy; approved by Kenneth Doherty

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15	P0967402	Illumina, Inc. \$ 120,201.31 Designated Fund Account CMMG	NextSeq 500/550 High Output Kits v2.5 (75 Cycles) for the Illumina NextSeq 500 Sequencer for Center for Molecular Medicine and Genetics. Illumina is the only manufacturer of the supplies needed for the Illumina NextSeq 500 Sequencer that is currently set up in the lab. Prior POs for these supplies: P0898550 dated 2-2019 at \$126,274.51 P0862320 dated 5-2018 at \$51,145.75 P0813341 dated 4-2017 at \$45,289 P0761762 dated 3-2016 at \$127,264 P0735911 dated 9-2015 at \$84,000	Lamar Glass, Department Administrator CMMG; approved by Kenneth Doherty

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16	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0967354	CrossComm Inc \$ 28,000.00 Grant Contracts Restricted Gift Accounts Oncology	<p data-bbox="657 282 1766 334">Development of an application-based directory of cancer-related apps available on on line digital media stores and other online cancer resources for the Department of Oncology from CrossComm.</p> <p data-bbox="657 370 1766 480">This app is part of a larger research project of the investigator (Hayley Thompson, PhD) designed to improve cancer health-related quality of life and quality of survivorship care among racially diverse cancer survivors in the metropolitan Detroit area. The app will be undergo an iterative process involving cancer survivors, study investigators, and the development firm.</p> <p data-bbox="657 516 1766 740">CrossComm is the ideal firm to build this research-related technology. CrossComm is a mobile and web application development studio that builds custom iOS, Android, Web, and Augmented RealityNirtual Reality apps. Mobile App Development is one of the CrossComm's core competencies. One of CrossComm's previous apps, the Forbes iOS app, was recognized as the "Best Media App" by the Web Marketing Association for outstanding achievement in mobile development. CrossComm has a track record of recommending the right technology and was recognized in 2015 as the Minority Technology Firm of the Year by the Minority Business Development Agency. This is especially relevant given that this research addresses racial disparities in cancer outcomes.</p> <p data-bbox="657 776 1766 915">It is important to note that CrossComm is working with several other investigators in Oncology and is able to achieve project goals efficiently and in a way that addresses issues of academic rigor. CrossComm is also in current negotiations with Wayne State University's Technology Commercialization Department to establish a formal partnership and allow for more long-term collaborations with faculty across the university.</p> <p data-bbox="657 951 1766 1117">As a result of work with other Oncology faculty, CrossComm staff has had the opportunity to meet several times with Dr. Thompson and the Technology Cancer Action Council, a group of diverse cancer survivors, caregivers, and advocates within Oncology/Karmanos Cancer Institute who offer recommendations on app development as potential end users. Thus, CrossComm has unique insight into those app characteristics that end users prioritize and will be able to apply that insight into the development of this product.</p> <p data-bbox="657 1153 1766 1203">The study team met with two other software firms, Logic Solution and KW Works. Logic Solution's business model did not allow for iterative versions of the app, which is critical for this type of</p>	Valerie Wade, Associate Director in Oncology, approved by Kenneth Doherty

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17	P0966631 Kognito Solutions \$ 199,962.50 Grant Fund Accounts, AVP Fiscal Op Admin	<p>Simulation Software for the School of Social Work Field Education Program from Kognito Solutions. Kognito Solutions, LLC's simulation software is the only software company that meets the needs of the field education program in the School of Social Work.</p> <p>Due to the specialized needs of simulation software for the School of Social Work's field education program, the Associate Dean of Student Services and the Director of Continuing and Interprofessional Education worked together to select the appropriate simulation software.</p> <p>Kognito offers professional development and public education simulations on topics including mental health, substance use, chronic disease, family relations, and other simulations that are tailored to WSU needs. The students are placed within agencies providing a variety of services to a variety of populations. Kognito is the only company with evidence-based health simulations listed in the National Registry of Evidence-based Programs and Practices. The simulations Kognito offers are more aligned with social work education needs than any other simulation programs.</p>	Sheryl Kubiak, Dean of Social Work; approved by Kenneth Doherty
18	P0965462 Leica Microsystems Inc \$ 28,071.39 General Fund Account, Anatomy	<p>MZ10 F fluorescence stereomicroscope for the Department of Anatomy from Leica .</p> <p>This microscope comes with Leica's patented Triple Beam fluorescence illumination. This allows the researcher to maintain a dark background on separate beam paths for imaging.</p> <p>This is a unique fluorescent stereomicroscope that will be used to support the NEI/NIH-funded researchers associated with the Vision Core Grant (PI: Hazlett). The scope is equipped with Leica's patented Triple Beam illumination, a patented 4-position filter system, and the exclusive Leica Application Suite (LAS) - the same that is used for the Leica SP8 confocal microscope already located in Anatomy.</p> <p>This is a stand-alone microscope. However, it will allow for continuity with the existing Leica SP8 confocal microscope, especially in regard to use of the exclusive LAS software on both systems.</p>	Linda Hazlett, Chair of Anatomy; approved by Kenneth Doherty

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19	P0969170 Taconic Biosciences GmbH \$ 35,215.00 Grant Fund Account, Pharm Sci	<p>Illumina EPIC Methylation BeadChip Kit-96 samples and reagents for an Illumina sequencer (MiSeq and NovaSeq 6000) for Genome Sciences Core.</p> <p>These reagents are necessary to perform sequencing for services at the Genome Sciences Core including whole genome, transcriptome and methylation projects.</p> <p>The NovaSeq flow cells are necessary for generating high throughput data for sequencing projects. These items are only manufactured by Illumina. These reagents will run on Illumina iScan and NovaSeq which are contained within the core.</p> <p>Previous POs for Applied Genomics include: P0935710 (2019-2020) - \$300,000.00 P0882913 (2018-2019) -- \$276,377.60 P0835483 (2017-2018) -- \$276,000.00 P0787321 (2016-2017) -- \$251,302.00</p>	George Cocoran, Assoc Dean Pharmacy; approved by Kenneth Doherty

19 / \$ 2,584,847.06

B. EXECUTIVE OFFICER WAIVER FOR PROFESSIONAL SERVICES (S23)

20	P0970371 Noman Husain \$ 40,000.00 Designated Fund Account, Ofc of VP Acad Affs	<p>Services to include the following: assisting in the development, launch and sustainment of the Help INDUSTRYX Center of Operational Excellence, for the College of Engineering, by Noman Husain. Norman Husain is a leading expert in establishing such centers in the US and Europe. He was instrumental in similar such centers in the US; for example, Wichita State University and the University of Notre Dame. He possesses rich experience, understanding and vision that should enable the INDUSTRYX Center of Operational Excellence to be a successful endeavor. As an Alumnist of the College of Engineering he brings decades of industry experience and has strong industry connections.</p>	Ratna Babu Chinnam, Ph.D., Professor & Interim Chair, approved by Michael Wright
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21	P0968306	BGI Americas Corporation \$ 506,050.00 Grant, Contract, and Restricted Gift Accounts, PRB	BGI generate genetic sequencing data on DNA samples from our cohort. Scientifically, BGI is our preferred vendor for sequencing since we are most familiar with their analytic pipeline and will enable the efficient completion of project aims. We have considered alternative technologies for obtaining genotypes including Illumina genotyping arrays performed at Rutgers University. We have found that BGI's low-pass whole genome sequencing outperforms genotyping arrays on statistical power, enables new variant discovery, and delivers an order of magnitude more data, and higher imputation quality all at a comparable cost.	Chaur-Dong Hsu, M.D., M.P.H., Perinatology Research Branch Project Site Manager, approved by Michael Wright
		<p>This research project will take advantage of a large (N=5160), well-characterized cohort of African American women with longitudinal assessments of cervical length during pregnancy, and biological specimens that permit genotyping. The cohort also includes 310 women (335 pregnancies) treated with vaginal progesterone due to a pregnancy complicated by a short cervix.</p>		
		<p>The key component of the proposed project will be a genome-wide association study (GWAS) of maternal DNA for longitudinal assessment of ultrasound-measured cervical length as a quantitative trait. The findings of the discovery GWAS will be used to estimate the heritability of cervical length and validated by targeted genotyping of an independent African-American cohort.</p>		
		<p>The validated loci will then be used to assess how select genotypes can modify progesterone responsiveness and develop a polygenic risk score. Emerging studies have demonstrated that low-pass whole-genome sequencing (WGS) is an efficient and cost-effective tool for studying common genetic variation, particularly in non-European populations. Thousands of DNA samples can be sequenced in parallel and compared against large haplotype reference panels, resulting in high-quality variant calls across the entire genome for a fraction of the cost of a clinical-grade genome sequence. Low-pass sequencing is a superior technology for GWAS and polygenic risk profiling compared to the genotyping arrays commonly used for these applications, and offers improved performance at a competitive price point. The increased imputation accuracy from low-pass sequencing will also translate into more accurate estimation of polygenic risk scores.</p>		

2 / \$ 546,050.00

C. URGENT OR EMERGENCY REQUIREMENT (S06)

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22	P0964428	KONE, Inc. \$ 73,500.00 Plant Fund Account FP&M	Rob Davenport, AVP of FP&M; approved by Kenneth Doherty
		<p>Basis: Emergency Repair with Trusted Source Repair and installation of parts for the Kone brand elevator located in the IBIO Building, for Facilities Planning & Management (FPM) from KONE.</p> <p>The freight elevator in the IBIO Building suffered a complete motor failure, and is outside of the manufacturer warranty. The replacement is an OEM part and installation for this specialty elevator system.</p> <p>Due to the need for an OEM Part and Installation for this specialty elevator, Schindler Elevator, the current service contract provider, cannot execute the work independently, and would have to subcontract the work to the OEM, adding delay and costs.</p>	
23	P0969320	Applied Handling, Inc. \$ 39,382.00 Plant Fund Account FP&M	Robert Davenport, AVP for Facilities Planning & Management, approved by Kenneth Doherty
		<p>Modification of existing loading dock at the Eugene Applebaum Building for Facilities Planning and Management (FPM) to be provided by Applied Handling.</p> <p>Work to include rebuilding dock to grade and installing model 6568 top of slab dock lift. The existing loading dock is below grade and the loading dock floods due to underground drain piping obstructions. Due to site limitations, the below grade portion of the dock will be filled and a new at grade concrete slab poured. The work also includes a dock lift allowing unloading of trucks with materials for building.</p> <p>Applied Handling was selected due to being time sensitivity to rectify the water issue at the Applebaum building compared to doing major excavation to tie in the drain lines to a new location. Applied Handling is the only known vendor that is able to do all components of the work and this will help to expedite the work, versus having to coordinate with multiple vendors.</p> <p>This project is time sensitive as it is an Insurance Restoration.</p>	

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24	P0968097	Limno-Tech Inc \$ 43,975.00 Grant, Contract, and Restricted Gift Accounts, Engg	<p>Sample residential dorm and hospital sanitary wastewater testing, for the SARS CoV2 virus, for Civil & Environmental Engineering by Limno Tech. This request is urgent in nature due to the increasing numbers with regards to COVID-19.</p> <p>Limno Tech was selected as a partner during the submission of the grant proposal to the sponsor, because they were identified as having the specific knowledge required for the project. They have performed similar work previously with the project's Co-PI, Dr. Ram.</p> <p>This supplier and the specific products & services are identified by name in the statement of work section of the sponsored contract. Funding for Limno-Tech's work under the contract has been approved by Shannon Briggs at the State of Michigan Department of Environment, Great Lakes, and Energy (MI-EGLE).</p>	WD Schuster, Chair of Civil Engg; approved by Kenneth Doherty
25	P0966187	Dave Syverson Inc \$ 109,893.74 Designated Fund Account - COVID - Medicine	<p>Purchase of two special fitted transport vans for the School of Medicine from Gorno Ford. These vans will be used to transport people to and from Covid-19 testing sites.</p> <p>Due to the ongoing pandemic there is an immediate need for these 2 vans, and a donor has provided the funding for this purchase. The urgent nature of this request necessitated availability as the main determining factor in choosing Gorno Ford, who have vehicles available for immediate delivery.</p> <p>This is expected to be a one time purchase. The purchase consists of two 2020 Ford Transit (2) SOM COVID Testing Site Transport - Donor Sponsored, \$87,048.50 ea or \$174,097.00 total.</p>	Douglas Skyzyniarz, Vice Dean School of Medicine; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
26	P0966060	University Physician Group \$ 660,724.00 General Fund Account Health Affairs Admin	<p>COVID-19 Testing Equipment for the School of Medicine, to meet the testing needs and capacity of the population in the greater Detroit area.</p> <p>The COVID-19 outbreak resulted in a severe shortage of testing equipment and reagent kits nationally and internationally. In March & April 2020, in an effort to meet the growing demand for local testing related to the Pandemic, the School of Medicine searched the Marketplace for this equipment. It was found that there were just a few distributors, which included Roche, Abbott & Cepheid. Given that time was of the essence, and the need for equipment was growing daily, a decision had to be made immediately. University Physicians Group and Wayne State jointly decided to make the purchase from Cepheid, since Cepheid was the only company able to identify 4 machines for immediate delivery.</p> <p>At the time of the purchase, it was unclear whether the purchase should be made by WSUPG or Wayne State, but it has since been confirmed that the equipment will belong to the University. Thus, this purchase is to reimburse WSUPG for the funds it paid to Cepheid.</p>	Mark Schweitzer; Dean School of Medicine; approved by Kenneth Doherty

5 / \$ 927,474.74

D. COMPATIBILITY WITH PREVIOUSLY PURCHASED EQUIPMENT OR SERVICES

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by												
27	P0962891	<p>The Douglas Stewart Co., Inc.</p> <p>\$ 100,000.00</p> <p>General Fund Account, C&IT</p>	<p>Basis: Compatible with and Continuation of Prior Software Purchases Adobe perpetual desktop and cloud subscription software licenses for Computing and Information Technology (C&IT) from the Douglas Stewart company,</p> <p>This request is for purchases to be made via a Blanket Purchase Order. This will allow for orders, distribution and use on individual and lab departmental machines and also for student sale and use.</p> <p>This extends a previous bid waiver from FY20. Wayne State University/C&IT is an Adobe Direct Reseller which allows us to buy at lower, reseller level, pricing from the distributor.</p> <p>The Adobe representative has confirmed that Douglas Stewart continues to be the only distributor for this Adobe software and thus the request is to allow this blanket to continue.</p>	<p>Rob Thompson, Sr Director C&IT, approved by Kenneth Doherty</p>											
<p>Previous POs:</p> <table border="0"> <tr> <td>P0929344</td> <td>09/30/2019</td> <td>\$161,000.00</td> </tr> <tr> <td>P0879301</td> <td>09/17/2018</td> <td>\$140,000.00</td> </tr> <tr> <td>P0833848</td> <td>10/02/2017</td> <td>\$130,000.00</td> </tr> <tr> <td>P0785741</td> <td>09/27/2016</td> <td>\$72,239.69</td> </tr> </table>				P0929344	09/30/2019	\$161,000.00	P0879301	09/17/2018	\$140,000.00	P0833848	10/02/2017	\$130,000.00	P0785741	09/27/2016	\$72,239.69
P0929344	09/30/2019	\$161,000.00													
P0879301	09/17/2018	\$140,000.00													
P0833848	10/02/2017	\$130,000.00													
P0785741	09/27/2016	\$72,239.69													
28	P0963049	<p>Allentown LLC</p> <p>\$ 281,596.32</p> <p>General Fund Account, DLAR</p>	<p>Basis: Compatible with Prior Equipment Purchases NextGen ventilated mouse/rat cage racks and Phantom Animal Transfer Stations for the Division of Laboratory Animal Resources (DLAR). This purchase includes all components - caging and blowers . Allentown is the best option due to the superior functionality of the Allentown system, and the associated improvements in animal welfare. Additionally, this style of caging is currently used in other Wayne State vivariums and will be compatible campus-wide.</p> <p>The Allentown product maintains superior environmental conditions (keeps cages dryer = less frequent cage changes) relative to the ventilated rack systems evaluated by DLAR from other vendors.</p> <p>Previous POs:</p> <table border="0"> <tr> <td>P0887593</td> <td>- 11/2018</td> <td>- \$295,514.72</td> </tr> <tr> <td>P0859819</td> <td>- 4/2018</td> <td>- \$167,952.80</td> </tr> <tr> <td>P0824978</td> <td>- 7/2017</td> <td>- \$63,542.50</td> </tr> </table>	P0887593	- 11/2018	- \$295,514.72	P0859819	- 4/2018	- \$167,952.80	P0824978	- 7/2017	- \$63,542.50	<p>Catherine Kendra, Director DLAR; approved by Kenneth Doherty</p>		
P0887593	- 11/2018	- \$295,514.72													
P0859819	- 4/2018	- \$167,952.80													
P0824978	- 7/2017	- \$63,542.50													

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
29	P0963293	Pathogen Control Associates Inc \$ 100,000.00 General Fund Account, OEHS	<p>Basis: Compatible with Prior Specialized Service Purchases Analysis of water samples for Legionella bacteria as requested by WSU's Water Safety Team to be provided by PathCon Laboratories.</p> <p>PathCon is EMLAP accredited for bacteria detection, 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 the Wayne State campus on multiple occasions and is familiar with the specific building systems that are testing, which allows the vendor 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 Water Safety Program are</p>	Robert Moon, Director of OEHS; approved by Kenneth Doherty
30	P0963618	Eurofins VRL, Inc. \$ 35,000.00 General Fund Account, Morgue	<p>Basis: Compatible with and Continuation of Prior Specialized Service Purchases 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 Mort Sci 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>Prior POs include: P0929153 - (10/1/19-9/30/20) - \$34,500 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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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
31	P0963629 Wessels & Associates \$ 32,000.00 General Fund Account, Morgue	<p>Basis: Compatible with and Continuation of Prior Specialized Service Purchases Embalming Fluid and related supplies for cadavers for the Department of Anatomy/Cell Biology from Wessels & Associates, LLC. This is a local vendor who provides embalming supplies on call and at lowest known prices. This vendor also provides the non-standard mix of fluid required for the School of Medicine (SOM).</p> <p>The Mortuary Department annually reviews costs and product requirements from other vendors. There are currently no other vendors who can provide the required mix of fluid required to sustain the SOM's anatomical storage.</p> <p>Previous POs: P0930079 - 10/1/19 - 9/30/20 - \$37,000 P0880990 - 10/1/18 - 9/30/19 - \$29,000 P0831161 - 10/1/17 - 9/30/18 - \$27,000 P0785467 - 10/1/16 - 9/30/17 - \$24,000</p>	Dr Linda Hazlett, Vice Dean of Research and Grad Programs; approved by Kenneth Doherty
32	P0963691 Dell Incorporated \$ 52,911.29 Designated Fund Accounts C&ITI	<p>Basis: Compatible with Prior IT Equipment Purchases Two PowerEdge Servers NO R740XD2 and two 16-12TB 7K Disk Drivers, which will expand C&IT's current number of servers by adding to its four existing R740XD2 Servers. The servers will expand storage capabilities for the hosting environment, used to store and process the video security camera recordings.</p> <p>The Dell Server was selected after C&IT considered a similar option offered by Enterasource. The Enterasource servers were offered at a lower price point of \$18,395 each. Dell's servers are priced at \$18,753. While Enterasource price is lower, Dell's pricing includes three years of 24/7 support which Enterasource did not include in their pricing.</p> <p>Purchasing the additional disk drives from Dell will match the existing R740XD2 servers, optimize performance of the environment, and standardize the management environment. C&IT previously purchased the Dell PowerEdge Servers under P0945012 in April 2020 at a cost of \$151,726.04</p> <p>Cost: PowerEdge R740XD2 Servers 2 @ \$18,753=\$37,506.00 Hot Plug Hard Drives 12TB SAS 16 @ \$962.83= \$15,405.28</p>	Darin Hubbard, AVP & CIO of C&IT; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
33	P0964135	Michigan Mortuary Removal Inc \$ 30,000.00 General Fund Account Morgue	<p>Basis: Compatible with and Continuation of Prior Specialized Service Purchases Anatomical delivery and removal services for Ophthalmology, Visual and Anatomical Sciences Dept from Michigan Mortuary Removal.</p> <p>Michigan Mortuary Removal is a local vendor. Pick-up and delivery in a timely manner is imperative in order for the School of Medicine to avoid untimely pick-ups at locations of death as well as the accumulation at School of Medicine, thereby causing a health hazard from overexposure to human remains such as blood born viruses. Also, embalming must occur in a timely manner to preserve for anatomical studies.</p> <p>The use of this vendor is based on proximity to the location of the Bequests. It is imperative that this service is provided in a timely manner to prevent any health hazards. This service is provided for the furtherance of medicine in the teaching of Medical students.</p> <p>Prior PO's to this Vendor include: P0929191 - 2019 - \$35,000.00 P0880347 - 2018 - \$34,300.00 P0831154 - 2017 - \$32,000.00 P0785472 - 2016 - \$26,000.00</p>	Dr Linda Hazlett, Vice Dean of Research and Grad Programs; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
34	P0964929 Lightning Source, Inc. \$ 125,000.00 Auxiliary Fund Account, University Press	<p>Basis: Compatible with and Continuation of Prior Specialized Service Purchases Print on Demand Services for short runs and distribution of University Press Books from Lightning Source (LSI).</p> <p>The vendor 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 PRes'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</p> <p>P0932530 10/21/19 \$\$130,000 P0881927 10/03/18 \$35,000.00 P0878302 9/10/18 \$120,000.00 P0838037 10/30/17 \$30,000.00 P0833855 10/2/17 \$91,500.00 P0793898 11/23/16 \$30,500.00 P0790909 11/3/16 \$51,000.00</p>	Stephanie Williams, Director of Univ Press; approved by Kenneth Doherty
35	P0965127 Hav-A-Bar, Inc. \$ 25,000.00 General Fund Account - Chemistry	<p>Basis: Compatible with and Continuation of Prior Supply Purchases for Specialized Product Dry ice to be used in the Chemistry Department. Hav-A-Bar has been the department's supplier for many years. Currently, Hav-A-Bar is the best known source for dry ice, and is also the distributor for Airgas, our strategic supplier for scientific gases as a result of competitbe bid.</p> <p>Previous PO's: P0926308 - 2019-2020 - \$25K P0883605 - 2018-2019 - \$25K P0833552 - 2017-2018 - \$25K P0787700 - 2016-2017 - \$25K</p>	Matthew Allen, Chair of Chemistry; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
36	P0965191 QuinCo Properties Inc \$ 91,650.00 General Fund Account FP&M	<p>Basis: Compatible with and Continuation of Prior Specialized Service Purchases Property management of 2727 Second Avenue through QuinCo Properties, Inc., including managing tenants, day to day operations, leasing, resolving disputes through the WSU Office of General Counsel, and providing reports to FP&M Real Estate and Asset Management. This service requires a firm with significant property management experience, and the ability to be actively engaged in the property a minimum of 25 hours per week.</p> <p>QuinCo was identified as the most capable firm to provide this service in 2018. The University has been considering selling its interest in the building, and thus is not looking for a long term property management agreement, or permanent University employee to handle these services</p> <p>Prior PO's include: FY 2018 PO P0852530 at \$58,256.25, FY 2019 PO P0884953 at \$97,500 FY 2020 PO P0928415 at \$97,500</p>	Brinda Devine, Director of Real Estate; approved by Kenneth Doherty
37	P0938479 TALX Corporation \$ 26,151.69 General Fund Accounts; HR Service Center	<p>Basis: Compatible with prior purchase. I-9 Verification Services, Unemployment Cost Management Services, and Employment Verification Services through TALX Corporation for the Department of Human Resources.</p> <p>Historically, each service was on a separate PO, and the annual spend was below \$25,000. The 2018 PO was issued at \$21,829.58, but is being amended to \$26,151.69 to cover invoices for services in excess of our estimates.</p> <p>Prior FY totals with TALX are \$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>	Pearlanne Pollard Executive Assistant, Human Resources; approved by Kenneth Doherty

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38	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0965427	The Board of Trustees of the University of Illinois \$ 34,563.55 Auxiliary Fund Account, University Press	<p>Basis: Compatible with and Continuation of Prior Specialized Service Purchases Editorial support for the Human Biology Journal for University Press. These editorial services will be conducted by Dr. Malhi of the University of Illinois, and include submitting manuscripts to the publisher, responding to questions from the copy editor, communicating with contributors, and etc.</p> <p>The Press has successfully used the services of the University of Illinois, and wishes to maintain continuity in the editorial services. Per the Press, there are no other known sources for these particular services</p> <p>Previous PO's include: P0894317 1/11/2019 33,885.83 P0864005 5/22/2018 65,791.00 P0737288 9/13/2015 30,285.00 P0687956 8/21/2014 29,120.00 P0647272 9/27/2013 2 8,000.00</p>	Stephanie Williams, Director of Univ Press; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
39	P0965436	Detection Systems & Engineering Co. \$ 64,092.00	Basis: Compatible with and Continuation of Prior Specialized IT Service Purchases Annual software maintenance and support services for University's Qognify/NICEVision security surveillance camera software system licenses, maintenance and support for C&IT from Detection Systems and Engineering.	Rob Thompson, Interim AVP & CIO of C&IT; approved by Kenneth Doherty
	General Fund Account C&IT	<p>The University continues to use the Qognify/NICEVision video system for our campus-wide security camera surveillance. Annual software-only maintenance and support has been provided for the past year through Nerds Express, a local pre-qualified and authorized Qognify business partner, Nerds Express provided both software and maintenance for approximately 10 years prior to that. Qognify disqualified Nerds Express this year, and has a certified replacement vendor DSE to provide those services. Hardware services continue to be provided as needed by various WSU approved vendors.</p> <p>Qognify provided only one replacement certified vendor for this service. DSE has been in business since 1967 and WSU was provided good references to support changing service to them.</p> <p>The Qognify/NICE system has been in place over 11 years. this software service contract is in support of the security camera system. if additional authorized partners are certified by Qognify at a later date, C&IT and Procurement will pursue a competitive bid. due to continued budget limitations, there is no intent for replacement of the current security surveillance camera software. C&IT recognizes the need to reevaluate the current camera software being used and when funding becomes available will pursue it via the bid process. Procurement would lead the competitive bid process at that time.</p>		
40	P0962704	SIGHTLINES LLC	Basis: Compatible with and Continuation of Prior Specialized Service Purchase	Rob Davenport, AVP
41	P0964128	Bloomberg Finance LP	Basis: Compatible with and Continuation of Prior Specialized Service Purchases License renewal for the Mike Illitch School of Business for terminal access to the Bloomberg Financial	Robert Forsythe Dean of Bus Admin;

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
42	P0964499 Michigan College Access Network \$ 30,000.00 General Fund Accounts, AVP Enrollment	<p>Basis: Compatible with and Continuation of Prior Specialized Service Purchases Hiring and Training services for Enrollment Management provided by Michigan College Access Network (MCAN).</p> <p>Enrollment Services has partnered with MCAN since 2018. MCAN identifies high-need Michigan High Schools with leadership committed to build college access capacity by hosting a dedicated college advisor.</p> <p>MCAN will hire, train and place a graduate from Wayne State University at these identified schools. MCAN will provide a 4-week intensive, residential training for all advisers hired; and provide necessary and ongoing training, support and professional development that will allow the adviser to fulfill his or her responsibilities to the school(s) and its student sand to represent Wayne State University, AdviseMI, AmeriCorps and the Michigan College Access Network well.</p> <p>It is expected that the University will contract with MCAN for the next three years for a total of \$90,000 (\$30,000/year)</p> <p>MCAN is the sole source provider in its industry.</p> <p>Previous PO's: P0876278 - August 2018 - \$22,500.00 P0929185 - September 2019 - \$30,000.00</p>	Dawn Medley, AVP Enrollment Mgmt; approved by Kenneth Doherty
43	P0967562 National Public Radio \$ 348,992.00 Auxiliary Fund Accounts, WDET	<p>Programming services for WDET provided by NPR. National Public Radio is the only provider of the national program selections broadcast by WDET as listed on the member program purchase form:</p> <p>Previous PO's</p> <p>Previous PO's: P0929782- 2019 - \$319,794.00 P0879958 - 2018 - \$299,206.97 P0836908 - 2017 - \$288,317.00 P0782319 - 2016 - \$278,567.00 P0738065 - 2015 - \$278,586.00</p>	Mary Zatina, WDET; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
44	P0970248 Refinitiv US LLC \$ 35,384.00 General Fund Accounts - Faculty Starts Up and Finance Admin	<p>Databases for the School of Business from Refinitiv. This request combines 2 of the database subscriptions used by the School of Business and adds a 3rd subscription.</p> <p>SDC ALL is a database that contains information on initial public offerings (IPOs), mergers & Acquisitions (M&As), and venture capital investments (VentureXpert), provided by Refinitiv.</p> <p>The school already has subscription to the first two modules: SDC New Issues (IPOs) and SDC Mergers and Acquisitions (M&As). This request adds one additional module (VentureXpert) and runs for a 12-month period. SDC New Issues subscription is up in November 2020 and this request will cover continuing access to that data set for 12 months. SDC Mergers and Acquisition data set subscription is up in August 2021 and this request wincludes keeping that data set from August 2021 through November 2021. All three data sets would then be up for renewal in December 2021</p> <p>The venture capital investment module in the SDC ALL (VentureXpert) is exclusively provided by Refinitiv, and VentureXpert has more complete coverage of venture capital investments than other databases (see Kaplan, S. N., & Lerner, J. (2016). Venture capital data: Opportunities and challenges. In Measuring entrepreneurial businesses: current knowledge and challenges (pp. 413-431). University of Chicago Press).This also combines this data set with two other data sets the School purchases and allows all to be accessed under the same interface by the faculty in the department</p> <p>The letter of offer to Sungjoung Kwon contains the following term: "Purchases access to the SDC VentureXpert database assuming the cost is in the range of \$10,000 to \$20,000". The cost of adding the VentureXpert module is \$18,000 per year (\$1,500 per month).</p> <p>Refinitiv is the sole provider of the VentureXpert data, which as noted has more complete cover of investments than other databases. PASS was not brought in because this is the only source To provide all the data needed to support the department faculty members research.</p>	Marick Masters, Interim Dean Finance Department- School of Business Admin; Approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
45	P0969370 ProQuest LLC \$ 33,827.76 General Fund Account Presidents Research Program	<p>Pivot software for the Office of the Vice President for Research from ProQuest. Pivot provides Research Administrators, Research Development Professionals, and faculty members a competitive edge, by bringing together the right research opportunities, funding, and people quickly and easily. This software also provides global and local connections that strengthen research by exploring new avenues for funding and collaboration for faculty, staff researchers, and graduate students.</p> <p>This is the largest database of funding opportunities on the market, and encompasses all types of funding from all types of sponsors. This is the funding database of choice among research universities, as it is tailored to the needs of higher education. Pivot frequently solicits advice from staff and faculty, and updates their services accordingly. The OVPR provides monthly trainings for faculty, administrators, and staff on this service.</p> <p>WSU belongs to North American Research Development Professionals, (NORDP), which consists of research development professionals at universities internationally. Vendors attend our national and regional meetings and seminar round tables, and listserv discussions often visit the topic of research development topics. In those conversations, Pivot consistently comes out on top as the product with the most capacity and largest database of external funding at the better cost.</p> <p>Previous POs: P0941881 - 01/2020 \$32,278.40 P0891288 - 12/2018 \$30,800.00 P0747968 - 11/2015 \$84,000.00 P0 621460 - 02/2013 \$73,500.00</p>	Stephen Lanier, VP Research; approved by Kenneth Doherty
46	P0969172 Technolutions, Inc. \$ 50,000.00 General Fund Account MAC Customer Relationship	<p>Continued Slate Consulting Services for Undergraduate Admissions from Technolutions Inc./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 the Technolutions Inc./Underscore Branding also has expertise in the Slate CRM and will provide communication planning for student recruitment as well as create and maintain 2020-2021 recruitment campaigns for the Department of Undergraduate Admissions.</p> <p>Technolutions Inc./Underscore Branding is the inventor and the only known company that offers Slate consulting services.</p> <p>PO's to Technolutions Inc./Underscore Branding include: P09624857-2020\$38,500</p>	Dawn Medley, AVP Enrollment Svcs; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
47	P0968312 Duo Security Inc \$ 57,200.00 General Fund Account, C&IT	<p>Three year renewal to current Enterprise wide license for faculty, staff, and students, for DUO Security, a multi-factor authentication software. This software has been licensed at a smaller amount by WSU for faculty and staff since 2015.</p> <p>DUO is the defacto standard for two-factor authentication for HigherEd, and education in general. WSU has been using DUO 2FA for several years, to protect employee data. As such, it has been highly integrated into the WSU computing infrastructure. The additional cost will be to increase our license to cover students, which is not only the new standard for similar institutions, but is required by the federal government for dispersing financial aid. Adding the additional coverage with DUO as opposed to any competing product will allow for a quick transition, to protecting student based applications. Due to the wide spread use at WSU and other schools, Duo will also allow for a smoother transition for our user database.</p> <p>Given the integration with other WSU system and processes, no other products were considered at this time. Switching to another vendor would require significant development efforts and training that would potentially put the University at risk of not meeting the government requirements nor our security standards.</p> <p>Students were added to this licensing in July 2020 and prorated for the balance of the year through 11/3/20. This full year's purchase provides full campus coverage through 11/03/2023. License is for 3 years at \$57,200 per year, or \$171,600 in totqal.</p> <p>Previous orders include: P0932814 - 10/22/2019 - 24,900.00 P0875931 - 08/22/2018 - 24,900.00 P0839050 - 11/07/2017 - 24,900.00 P0788051 - 10/12/2016 - 24,900.00 P0744542 - 10/30/2015 - 24,900.00</p>	Robert Thompson, AVP & CIO of C&IT; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
48	P0968094	Veolia Environmental Services, LLC \$ 175,000.00 General Fund Account / OEHS Administration	Hazardous waste removal services for on-campus spills for the Office of Environmental Health and Safety. The University had a contract with Veolia to provide Environmental Services for the past five years as a result of an RFP overseen by Procurement. The contract expired in September 2020 OEHS has elected to extend this agreement for one additional year, and to bid all of the environmental services and biomedical services in the spring of 2021. We have the stability of the same select core of individuals at Veolia who have serviced our Campus for several years. These individuals provide a steady and uniform level of service to WSU. Veolia uses what is probably the largest and most comprehensive computer-based waste handling system in the Hazardous Waste field, and it is kept updated to assure we are always in compliance with DOT and USEPA regulations. In addition, because Veolia owns a diverse group of disposal facilities, they enable us to keep our environmental liability concerns well under control. OEHA knows exactly where our waste is taken with each shipment.	Wally Pochask; OEHS; approved by Kenneth Doherty
		P0929288 - \$175,000.00 P0882962 - \$225,049.16 P0831546 - \$280,000.00 P0786482 - \$350,000.00 P0745467 - \$372,323.52		

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
49	P0967919	<p>Traffic & Safety Control Systems, Inc.</p> <p>\$ 125,600.00</p> <p>Auxiliary Fund Account Parking</p>	<p>Parking Gate Equipment and Supplies from Traffic & Safety Control Systems, Inc. for the Parking and Transportation Department. Traffic & Safety Control Systems, Inc is the only authorized local retailer and distributor for the Amano/McGann Parking equipment line. A 5-year strategic agreement was entered into with Traffic & Safety in 2013, and the agreement included the option for 2 renewals, through September 30, 2020.</p> <p>This request is to continue using Traffic & Safety while Parking & Transportation explores other parking gate equipment. When a new parking system is purchased, it will be competitively bid, and will include new equipment as needed, along with the parts and maintenance.</p> <p>It is impractical to change University standards for the equipment on a gate by gate basis, hence the need for a full RFP as soon as specifications can be finalized.</p> <p>Over the last 5 fiscal years, annual spend, including equipment replacement, has averaged approximately \$400,000. The PO's will be amended if decisions are made to renovate any parking lots or structures prior to the release of an RFP.</p>	<p>Jon Frederick, Director of Parking; approved by Kenneth Doherty</p>

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
50	P0967779 \$ 33,800.00 Auxiliary Fund - Univ Press	<p>Stanton Publication Services dba: BookMobile- Produces short-run book printing and shipping service for University Press books and journals. Ever since the agreement established from the RFQ in 2011, which is now expired, the Press has looked at other vendors, but none can provide the print - on - demand services, the quality, and the customer service they have enjoyed from BookMobile.</p> <p>BookMobile provides prints-on-demand books at a lower cost compared to other vendors. Additionally, their pricing does not change based on the quantity of books printed . This is significant because some of University Press' print runs are low in quantity and this keeps our costs low. BookMobile provides prints-on-demand books at a lower cost compared to other vendors. Additionally, their pricing does not change based on the quantity of books printed . This is significant because some of University Press' print runs are low in quantity and this keeps our costs low.</p> <p>Previous Pos 2019P0935898\$39,176.00 2018P0881179\$48,486.85 2017P0831520\$64,609.10 2017P0832073\$10,000.00 2016P0796654\$15,000.00 2016P0787347\$44,183.45</p>	Stephanie Williams, Director of Univ Press; approved by Kenneth Doherty
51	P0967758 \$ 37,552.24 Auxiliary Fund Account WDET	<p>Basis: Compatible with prior purchase. Public Radio Programming for WDET provided by PRX.</p> <p>PRX is the only provider of the national program selectionsthat have been selected by WDET.</p> <p>Previous POS: P0930382 - 9/2019 \$37,083.80 P0874969 8/2018 - \$30155.25 P0831066 9/2017 \$27162.00</p>	Mary Zatina, General Manager WDET; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
52	P0967623	Get Inclusive Inc \$ 26,775.00 General Fund Account EEO	Get Inclusive software for the Office of the General Counsel. This is year three of a three-year subscription to an on-line training software containing modules relative to campus-wide Title IX, harassment, discrimination, and hazing for the Office of the General Counsel. This is highly specialized software. Due to the specific subject matter of the software, it was decided that both Directors in their respective University offices should do the research.	Louis Lessem, General Counsel; approved by Kenneth Doherty
		<p>The Directors of the Office of Equal Opportunity and Title IX viewed a demonstration at another university and concluded this program best suited the needs of WSU. After researching other software programs available, both Directors determined there is no others that competed with this particular software. This software will also be specialized to Wayne State and satisfies a recent State requirement regarding on-line student training.</p> <p>Year One PO: P0874087 - \$33,317.00 - FY 2019 Year Two PO: P0928074 - \$33,317.00 - FY 2020</p>		
53	P0967170	Illumina, Inc. \$ 300,000.00 Designated Fund Account, VP Research	<p>Illumina EPIC Methylation BeadChip Kit-96 samples and reagents for an Illumina sequencer (MiSeq and NovaSeq 6000) for Genome Sciences Core.</p> <p>Illumina EPIC Methylation BeadChip Kit-96 samples and reagents for an Illumina sequencer (MiSeq and NovaSeq 6000) for Genome Sciences Core.</p> <p>The NovaSeq flow cells are necessary for generating high throughput data for sequencing projects. These items are only manufactured by Illumina. These reagents will run on Illumina iScan and NovaSeq which are contained within the core.</p> <p>Previous POs for Applied Genomics include: P0935710 (2019-2020) - \$300,000.00 P0882913 (2018-2019) -- \$276,377.60 P0835483 (2017-2018) -- \$276,000.00 P0787321 (2016-2017) -- \$251,302.00</p>	Stephen Lanier, VP Research; approved by Kenneth Doherty

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54	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0966178	Traffic & Safety Control Systems, Inc. \$ 45,000.00 Auxiliary Fund Account - Parking	<p>Parking Gate Equipment and Supplies from Traffic & Safety Control Systems, Inc. for the Parking and Transportation Department. Traffic & Safety Control Systems, Inc is the only authorized local retailer and distributor for the Amano/McGann Parking equipment line. A 5-year strategic agreement was entered into with Traffic & Safety in 2013, and the agreement included the option for 2 renewals, through September 30, 2020.</p> <p>This request is to continue using Traffic & Safety while Parking & Transportation explores other parking gate equipment. When a new parking system is purchased, it will be competitively bid, and will include new equipment as needed, along with the parts and maintenance.</p> <p>It is impractical to change University standards for the equipment on a gate by gate basis, hence the need for a full RFP as soon as specifications can be finalized.</p> <p>Over the last 5 fiscal years, annual spend, including equipment replacement, has averaged approximately \$400,000. The PO's will be amended if decisions are made to renovate any parking lots or structures prior to the release of an RFP.</p>	Jon Frederick, Director of Parking; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
55	P0966188	Southern Michigan Services Inc \$ 55,000.00	Cremation services of cadavers provided by Southern Michigan Services for the Mortuary Department. The School of Medicine crematorium for human remains is out of order and has been for some time. The estimated cost for repair is \$350,000. To date, the funds are not available to repair it.	Linda Hazlett, Chair of Anatomy; approved by Kenneth Doherty
	General Fund Account, Morgue	Cremation services of cadavers provided by Southern Michigan Services for the Mortuary Department. The School of Medicine crematorium for human remains is out of order and has been for some time. The estimated cost for repair is \$350,000. To date, the funds are not available to repair it.		
Southern Michigan Services provides wooden boxes for cremains as well as next day pick-up/delivery. No other known vendor will provide these services in the time frames necessary.				
The bid waiver request is for \$220,000 to extend over a period of four years (FY 2021-FY2024), \$55,000 per year.				
Previous POs: P0929170 - (10/19-9/20) -- \$55,000.00 P0880344 - (10/18-9/19) -- \$55,500.00 P0870929 - (06/18-9/18) -- \$15,000.00 P0831225 - (10/17-9/18) -- \$48,000.00				

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
56	P0965498 Admithub Inc \$ 109,796.67 General Fund Account - Enrollment Svcs	<p>Artificial Intelligence Virtual Assistant for Enrollment Management from AdmitHub.</p> <p>AdmitHub is an artificial intelligence (AI) virtual assistant, which helps prospective students successfully apply and enroll in college. AdmitHub is the only known provider of artificial intelligence virtual assistance through text and mobile messaging.</p> <p>This is the same company providing services under text messaging customer relationship management system. AdmitHub is currently providing services for this scope of work and it is related to a Detroit resident focused grant project.</p> <p>This tool is be used to enhance the departments customer service through messaging.</p> <p>This Bid Waiver is issued for \$329,390, representing the software enrollment amount for fiscal years 2021,2022, and 2023. The current PO amount is for year 1 at \$109,796.67</p> <p>Previous POs: P0836876 - 10/2017 - \$66,000.00 P0892909 - 12/2018 - \$83,333.00 P0930564 - 10/2019 - \$96,000.00</p>	Dawn Medley, AVP Enrollment Svcs; approved by Kenneth Doherty
57	P0965460 CampusLogic, Inc. \$ 45,000.00 General Fund Account, Ofc of Scholarship & Financial Aid	<p>Micro-scholarshRaise Labs is the inventor and sole source of this micro-scholarship platform. WSU has partnered with Raise Labs for three years on the freshman program and are the first in the nation to pilot this new program focused at continuing students. This program exists nowhere else, and the technology that RaiseMe utilizes to facilitate these programs is proprietary.</p> <p>MCAN awarded \$25,000 to WSU for this partnership pilot program between Raise Labs and WSU.</p> <p>Previous POs to Raise Labs for this service include: P0929114 - 9/27/2019 \$31,000.00 P0878770 - 9/12/2018 \$31,644.00 P0870940 - 7/17/2018 \$26,000.00 P0860572 - 4/26/2018 \$10,236.00 P0798321 - 1/6/2017 \$29,380.00</p>	Catherine Kay, Director of Financial Aid; approved by Kenneth Doherty

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58	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	P0965561	The Maynard Group \$ 94,548.00 Auxiliary Fund Account WDET	<p>Media Consulting services for WDET to be provided by The Maynard Group. This is a continuation from prior fiscal years.</p> <p>WDET will continue to use Pulitzer-Prize winning journalist Stephen Henderson for media consulting and analyst services. Stephen is a trusted voice and a fantastic listener who recognizes the value of an informed, engaged and connected Detroit. Stephen also provides invaluable media and fund raising consulting services as it relates to improving WDET local radio programs and increased funding efforts.</p> <p>Program host changes are historically known to cause a dramatic reduction in membership donations. WDET would also lose a valuable expert who is knowledge of WDET specific media coverage and funding raising needs</p> <p>Previous PO's: P0927877 - Sept 2019 - \$94,548.00 P0879956 - Sept 2018 - \$94,548.00 P0831526 - Sept 2017 - \$92,244.00 P0782138 - Sept 2016 - \$90,000.00 P0741836 - Oct 2015 - \$72,000.00</p>	Mary Zatina, WDET; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by	
59	P0970309	TJP Software Services LLC \$ 127,500.00 Grant Contracts and Restrictred Gift Accounts, PRB Admin	Computer Maintenance Services from TJP Software; including network, hardware, & 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 hopstital's electronic medical records, coordination of clinical and specimen databases, computer support for lab equipment, and general desktop support for all PRB Computers.	Chaur-Dong Hsu, Project Site Manager, PRB; approved by Michael Wright
		Computer Maintenance Services from TJP Software; including network, hardware, & 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 hopstital's electronic medical records, coordination of clinical and specimen databases, computer support for lab equipment, and general desktop support for all PRB Computers.		
		Previous PO's: P0959615 7/28/2020 \$16,250.00 P0955638 6/5/2020 \$63,750.00 P0951002 3/16/2020 \$23,500.00 P0945786 2/5/2020 \$24,000.00 P0890811 12/6/2018 \$100,000.00 P0844315 12/14/2017 \$100,000.00 P0797539 12/22/2016 \$,500.01 P0778973 8/8/2016 \$24,000.00		

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
60	P0969654 PBlasio & People Inc \$ 60,000.00 Grant Contracts and Restrictred Gift Accounts, Inst of Gerontology	<p>Continuation of website Development Consulting Services for the Department of Gerontology from Pblasio & People Inc. Pblasio & People has been working on the Older Adult Nest Egg Project Website Development since February 2018.</p> <p>This scope of work builds on past work to enhance and finalize the Older Adult Nest Egg Website (OANE) already in place in the Institute of Gerontology.</p> <p>Pblasio and People have been creating this project (OANE) since 2018 when funding from State of Michigan was approved. Additional funding provides another phase for Development, funding was from MI Health Endowment Foundation.</p> <p>The Institute of Gerontology has once again received additional funding from United Way to continue Security and adding dementia content to older adult channel, Marketing of OANE, working with Authority Health and Med net one Health Solutions.</p> <p>The website is already in development- https://www.olderadultnestegg.com/ and it is important to use the same vendor to complete the development of the web-site. The nature of the project and expertise needed already identified with this vendor to fulfill scope of work. It is the intent of the Institute of Gerontology for Pblasio & People LLC to be contracted through December 31 2020, until project completed, which is the end of the grant.</p> <p>Previous PO's: P0910731 02/2020 - \$55,380.00 P0887894 11/2018 - \$24,950.00 P0851260 02/2018 - \$46,380.00</p>	Peter Lichtengergy, Inst of Gerontology; approved by Michael Wright

34 / \$ 2,974,288.72

E. PARTNERSHIPS/SPONSORS

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
61 P0962603	University of Nebraska Board of Regents \$ 54,000.00 Designated Fund Accounts Dept Of Oncology, KCI	<p>Basis: Part of Underlying Agreement with the University of Nebraska Mentoring services for the Department of Oncology from the University of Nebraska. When Dr. Kay-Uwe Wagner moved to WSU she was mentoring University of Nebraska student Patrick Raedler with his dissertation work.</p> <p>As per the Memorandum of Understanding signed by Gerold Bepler, Oncology Department Chair, "Mr. Raedler's regular graduate earnings, as initiated at UNMC, will continue to be funded through the Wayne State University Department of Oncology and at University of Nebraska Medical Center. A maximum of twenty (20) hours per week will be allowed (compensated) for Patrick Raedler's assignment or dissertation research at WSU</p> <p>Patrick Raedler's dissertation work would be interrupted without this agreement between the two institutions</p> <p>Prior PO: P0864002 - 5-18-2020 at \$58,820.00 Req 135315415 - \$54,500.00</p>	Valerie Wade, Dept of Oncology, KCI; approved by Kenneth Doherty

1 / \$ 54,000.00

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

0 / \$ 0.00

G. OTHER (SEE EXPLANATION)

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
62	P0962950 ProctorU Inc \$ 38,260.00 Grant Fund Accounts, C&IT	<p>Basis: Specialized Application in Emerging Market to provide Continuity of Off-Campus Instruction</p> <p>Proctor U- is a proctoring software solution for student online exams. The College of Nursing needs this software to administer the Health Education System Incorporation (HESI) testing for student nurses. ProctorU offers secure online proctoring services compatible with Elsevier's HESI Testing system, which WSU has standardized for its testing.</p> <p>The ProctorU vendor was chosen because of the preferred status they have with Elsevier (HESI), the manufacturer of our current required testing program. ProctorU services provide a seamless integration for Elsevier testing service. The Proctor U program requires minimum to no additional training of Nursing's faculty members, thus allowing the College of Nursing to quickly implement the program in time for the Fall 2020 semester. Nursing selected ProctorU as compatibility is a must between the two programs.</p> <p>There is a second provider that would be less integrated. However, ProctorU offers services at a cost of \$38,260 which \$20,012 less than pricing offered by Examity at a cost of \$58,272.00.</p> <p>Cost: Fall Semester Tests# 1397= \$17,990.00 Winter Semester Tests # 1523 = \$18,570.00 Spring/Summer Test# 170= \$1,700.00 Total - \$38,260</p>	Laurie Clabo, Dean College of Nursing, approved by Kenneth Doherty
63	P0964601 Sturge-Weber Foundation \$ 50,000.00 Grant Fund Accounts, Pediatrics Administration	<p>Basis: Recommended Source for Specialized Services</p> <p>Recruitment Services for an sponsored NIH Sturge-Weber Syndrome (SWS) grant for the Pediatrics Department. SWS is a rare disorder. Thus, in order to enroll enough subjects of this NIH funded study, participants need to be recruited nationally. The Sturge-Weber Foundation will assist study investigators to inform and help recruit potentially eligible subjects to participate in the study, using their national database of potential participants.</p> <p>The Sturge Weber Foundation is the only organization with a national SWS database and is in contact with thousands of families affected by SWS. No other organization could provide this service.</p> <p>The Sturge-Weber Foundation will be paid \$10,000 per year on a 5-year NIH funded grant or \$50,000 total. NIH has approved the budget, which includes this item.</p>	Herman B. Gray, Chair - Pediatrics; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
64	P0965144 Gartner Inc. \$ 40,800.00 General Fund Account C&IT	<p>Basis: Specialized Professional Subscription for Benchmarking Purposes</p> <p>Subscription for C&IT Senior Leadership Team (SLT) to assist with decision making related to IT based products and services from Gartner, Inc.</p> <p>C&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&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>	Darin Hubbard, AVP & CIO of C&IT; approved by Kenneth Doherty
65	P0969799 SD&A Teleservices Inc \$ 35,505.44 Auxiliary Fund Account WDET	<p>Telemarketing Media Services for WDET's Fundraising Campaign for FY 2021 provided by the SD & A Teleservices, Inc. These services include:</p> <ul style="list-style-type: none"> * developing campaign strategy and campaign design, * campaign materials development (script and training material s, report and tracking forms, post approach mailings), * printing and data processing, * campaign supervision and staffing (call desk), * coordination and maintenance of control file for post approach mailings, * providing summary of campaign statistics <p>Use of SD & A Teleservices will ensure contiguous campaign and telemarketing services consistent with prior campaigns provided by this vendor over the past 5 years.</p> <p>SD & A has the staffing and experience to lead the campaign to success, including the familiarity with the intricacies of pubic media telemarketing and with outreach specifically to WDET donors. Switching to another vendor at this time would be cost prohibitive and may be detrimental to the campaign's success. However, these services will be competitively bid for FY2022. These services were originally bid in 2014 - 2015, reference initial PO P0718247, but any resulting agreement has expired.</p>	Mary Zatina, General Manager WDET; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
66	P0969193 Maven Wave Partners LLC \$ 82,000.00 Grants, Contracts and Restricted Gift Accounts, VP Research	<p>Looker Services, a cloud based data analytic software product, for Dr. Levy from Maven Wave Partners LLC. This system will interface with the Google Cloud Platform (GCP) that currently houses the Population Health Outcomes and Information Exchange (PHOENIX) data platform.</p> <p>PHOENIX is a platform hosted by WSU used to collect real-time health data at the neighborhood level, including information on social determinants-household income, crime statistics and access to grocery stores. This platform allows researchers, health and human service providers to tailor health services programs.</p> <p>Through an on-going partnership with Google, the Looker Services was identified as the best software to meet the needs of PHOENIX. The Looker Service will interface with GCP will provide data storage, analytics, data access apps and data visualization. The Looker Service will enhance the functionality of the Google Cloud Platform which is critical to the study. Additionally, it allows for end users to log-in and utilize the data and perform data analysis.</p> <p>Cost: \$82,000 for a one year subscription</p>	Antonio Yancey , AVP Research; approved by Kenneth Doherty
67	P0969149 Troy Design & Manufacturing Co \$ 84,873.68 Designated Fund Account (COVID) School of Medicine	<p>Purchase of two special fitted transport vans for the School of Medicine from Gorno Ford. These vans will be used to transport people to and from Covid-19 testing sites.</p> <p>Due to the ongoing pandemic there is an immediate need for these 2 vans, and a donor has provided the funding for this purchase. The urgent nature of this request necessitated availability as the main determining factor in choosing Gorno Ford, who have vehicles available for immediate delivery</p> <p>This is expected to be a one time purchase. The purchase consists of two 2020 Ford Transit (2) SOM COVID Testing Site Transport - Donor Sponsored, \$87,048.50 ea or \$174,097.00 total.</p>	Mark Schweitzer, Dean School of Medicine; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
68	P0967481 The Prophet Corporation \$ 76,951.14 Grant Contract and Restricted Gift Accounts, Public Svcs Spons	<p>Specialty Health Equipment Packages for the Building Healthy Communities Program under the direction of Dr. Nate McCaughtry, Assistant Dean, Kinesiology, Health and Sports Sciences (Kinesiology), from The Prophet Corporation (Gopher Sports) . This program is dedicated to providing athletic supplies ranging from dodge balls, jump ropes to swimming apparatuses for 38 separate public school- systems across Michigan, particularly for elementary age children involved in multiple fitness programs. Additionally, Gopher Sports supplies equipment for the WSU Kinesiology degree program.</p> <p>Under this program, the vendor will assemble health equipment packages, which are designed to support physical education and recess curriculum in school programs across Michigan, meeting the Building Healthy Communities mission to prevent childhood obesity.</p> <p>Under this program, the vendor will assemble health equipment packages, which are designed to support physical education and recess curriculum in school programs across Michigan, meeting the Building Healthy Communities mission to prevent childhood obesity.</p> <p>Additionally, Gopher offers the a multi-tier pricing program for the Building Healthy Communities:</p> <p>10% Discount on Sales up to \$19,999.99 15% Discount on Sales between \$20,000-\$99,999 20% Discount on Sales \$100,000</p> <p>All orders are delivered free of charge to individual schools across Michigan. This saves Kinesiology thousands of dollars which, in turn, can be spent to enlarge the programs out-reach. In addition to this, Gopher Sports has provided grant funding in the amount of \$30,000 to support the expansion of this program.</p> <p>In 2015, Gopher Sports was awarded a multi-year agreement as a result of a single source negotiation, but that agreement expired at the end of calendar year 2019. Kinesiology will work with Procurement to develop specifications for a renegotiation of the agreement before the end of calendar year 2020.</p>	Nat McCaughtry, Assistant Dean, Kinesiology; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
69	P0967016 Retro Viral Foundation \$ 132,895.00 Grant Contract and Restricted Gift Accounts, Infectious Diseases	<p>Outpatient Ambulatory Health Services (OAHS) from the Retro Viral Foundation dba: Sinai Grace Specialty Clinic., for the WSu Department of Internal Medicine. These services include outpatient and other support services for persons diagnosed in HIV. Participants are persons in Southeast Michigan, and services are performed in accordance applicable Ryan White service standards and Continuous Quality Improvement activities for the Infectious Diseases Administration. The program is funded by the Southeastern Michigan Health Association (SEMHA)</p> <p>There are no known lower cost options available, as WSUPG and/or DMC staff fringe benefit rates exceed funding capacity. The "Agency" listed on the SEMHA /WSU contract is Sinai Grace Specialty Care, who's legal business name is the Retro Viral Foundation. The program was given a continuation grant by the Detroit Health Department. The contract states that SEMHA will fund WSU for services by Sinai.</p>	Paula Tharpe, Business Manager; approved by Kenneth Doherty
70	P0965778 ExamSoft Worldwide Inc \$ 26,830.00 Grant Fund Account, Office of AVP Fiscal Ops Admin	<p>The Law School administrators examined several potential solutions, those from ExamSoft, Examity, Electronic Bluebook, and Honorlock. They found that Honorlock and Examity were not equipped to administer exams that do not require proctoring, which would require the purchase of a secondary platform to administer those exams. They also found that Examity does not administer exams directly.</p> <p>It was also the opinion of those who conducted the evaluation that neither Honorlock nor Examity presently have any experience working with law school examinations. In the past, the Law School used Bluebook for the services, but they do not offer fully remote services.</p> <p>Breakdown of Cost for this package:</p> <p>Remote Exam Proctoring Implementation Package-Fundamental (90) /Essential Solution (LAW) \$21,060.00 Exam ID \$ 2,150.00 Exam Monitor HR\$3,120.00 TOTAL \$26,830.00</p>	Adeeb Mozip, Director of Business Affairs, School of Law; approved by Kenneth Doherty

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PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
71	P0965463 SolarWinds Inc \$ 31,422.00 General Fund Account - C&IT	<p>Support and software maintenance associated with the network monitoring software for Computing and Information Technology from SolarWinds.</p> <p>This service includes a Network Performance Monitor SLX, Device Tracker, and Polling Engine, which is provided directly by Solar Winds for monitoring the University's network infrastructure, including all 50,000+ network routers, switches, cameras, and wireless access points and their interfaces.</p> <p>WSU acquired SolarWinds perpetually licensed software as a result of an approved bid waiver in 2015. Support and maintenance for this software is required and is renewed and paid annually. The C&IT Network team currently anticipates use of this product for an additional 5 years.</p> <p>This was originally purchased directly through SolarWinds. While SolarWinds allows for customers to purchase their software and maintenance via their partnered value-added resellers (VARs), they indicated that this does not provide a pricing advantage to work with a VAR and thus a direct purchase for support and maintenance with SolarWinds is still most cost effective. In addition, if an RFP or RFQ is sent to their value added resellers, then SolarWinds will not bid direct, so we'll lose the option of purchasing direct.</p>	Robert Thompson, AVP & CIO of C&IT; approved by Kenneth Doherty
	10 / \$ 599,537.26		
Total	71 / \$ 7,686,197.78		