

PURCHASING EXCEPTIONS

Attached is a summary report of purchase orders (POs) greater than \$25,000 issued from May through August 2022 without soliciting competitive bids. POs are summarized in the following categories:

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

All requests for bid waivers were evaluated and approved by University policies.

Report Overview

As happens in most years, the end of the summer report is quite large since it contains four full months of activity since the last report. There are 132 purchase orders listed on the report, for a total of just under \$12.6 million.

The first 45 items are research-related and are based in part or whole on the scientific judgment of the appropriate Principal Investigator. That is followed by nine medium-sized consulting engagements. In the Urgent / Emergency section C, there are four orders, three related to building operations.

The compatibility section has 37 POs for just under \$3.5 million. There are four Wayne Health POs based on University Affiliates for just over \$2.6 million, and the last section has 33 POs for just under \$2.2 million.

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
A. SCIENTIFIC JUDGMENT (S03, S04)				
1	P1029584	Lytic Solutions \$ 35,822.00 Federal Grant Funds - Oncology	<p>Basis: Scientific Judgment based on Specialized Research Services Anti-human Interferon gamma VHH antibody generation (Antigen production/VHH CDS DNA synthesis and cloning) for the Oncology Department from Lytic Solutions.</p> <p>Lytic Solutions provided the preliminary work for this study in 2021. The work is extremely specific and only a limited number of vendors can perform it.</p> <p>The Oncology Department has specific requirements and Lytic Solutions has been able to provide the needed studies. Based on the results of the studies, it is anticipated that Lytic Solutions will meet Oncology's requirements. In addition, it would be both time consuming and cost prohibitive to have a different vendor repeat the work completed by Lytic Solutions</p> <p>Previous POs: P0992557 - 9/2021 - \$4,860.00 P0992162 - 8/2021 - \$15,440.00 P0984313 - 5/2021 - \$4,860.00</p>	Evano Piasentin, Associate Center Director, Research Administration, KCI, approved by Miriam Dixon
2	P1029407	PIE Scientific LLC \$ 41,086.45 General Funds - Chemistry Administration	<p>Basis: Scientific Judgment based on Specialized Research Supplies Tergeo-EM tabletop plasma cleaner for the Department of Chemistry from PIE Scientific.</p> <p>The plasma cleaner will be used to prepare samples for imaging on the newly awarded Magnetic Resonance Imaging from the National Science Foundation. This equipment received outstanding reviews from other CORE facilities that use plasma cleaners. This plasma cleaner was the least expensive that would perform the required task.</p> <p>A second quote was received from Fischione and the cost was nearly \$20,000.00 more than the PIE Scientific equipment.</p>	Matthew Allen, Chair of the Chemistry Department, approved by Miriam Dixon
3	P1029312	Li-Cor Inc \$ 55,145.12 General Funds - KCI Clinical Trials IDC	<p>Basis: Scientific Judgment based on Equipment Functionality Odyssey DLx Infrared Imager for the Department of Oncology from Li-Cor.</p> <p>The 9142-01 Odyssey DLx - Data Integrity Bundle is only available from the sole source vendor Li-Cor.</p> <p>There is only one company that makes an infrared scanner for western blots. This instrument uses fluorescent signals that are stable and unaffected by timing. This allows the lab to compare band intensities and even conveniently re-image the same blot on the Odyssey DLx later and see the same results.</p>	Antonio Yancey, Associate VP for Research, approved by Miriam Dixon

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4	P1029301 Leica Microsystems Inc \$ 34,500.05 General Funds - Chemistry Administration	<p>Basis: Scientific Judgment based on Equipment Functionality Microscope for the Department of Chemistry from Leica Microsystems.</p> <p>The microscope will be used to select samples for the single crystal diffractometer, which was recently awarded by the National Institutes of Health. The microscope was recommended by other x-ray crystallographers and a demo unit was provided to ensure it met the needs of the laboratory. Leica Microsystems also provided a 15% discount to provide better optics and better camera to be more competitive than other microscope companies.</p> <p>An additional quote was requested from Nikon; however, they did not provide a quote for the required level of magnification.</p>	Matthew Allen, Chair of the Chemistry Department, approved by Miriam Dixon
5	P1029204 SomaLogic Operating Co., Inc. \$ 140,000.00 Grant Funds - Perinatal Research Branch	<p>Basis: Scientific Judgment based on Specialized Research Supplies SomaScan v4.1 Discovery Services for the Perinatology Research Branch (PRB) from SomaLogic.</p> <p>The Bioinformatics and Computational Biology Unit, the Maternal-Fetal Immunobiology Unit and the Biomarkers Unit of the PRB aim to measure the human proteome in approximately 200 vaginal fluid samples in normal and complicated pregnancies. The data will enable discovery of additional biomarkers for early prediction of obstetrical disease, such as preterm labor and delivery, preeclampsia, and growth restriction in vaginal fluids.</p> <p>Somalologic will use vaginal fluid sample to measure the abundance of proteomic targets. Raw and normalized data will be shared with PRB researchers who will analyze the data. The data will be provided in computer files by a secure web portal. The investigators have previously used services of Somalologic for profiling proteins and published multiple articles and secured two patents. The services involving the newer Somalologic platform measuring proteins has already been utilized to assess within and cross-platform accuracy, and to develop prediction models. Other contractors are not capable of providing the same services.</p> <p>PRB has ongoing studies utilizing the SomaScan Discovery Platform. They require the continued use of these kits to maintain experimental consistency. Somalologic offers unique services that other companies cannot meet.</p>	Stanley Berry, Chair of the Perinatology Research Branch, approved by Miriam Dixon

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6	P1029184 Neon, Inc. \$ 70,000.00 General Funds - Masoud, Sara	<p>Basis: Identified within and Requirement of the Grant Professional software design and development for the Industrial and Systems Engineering (ISE) Department from Neon Software Company.</p> <p>The software is for the sequential-decision-making policy search and exact/meta-heuristic optimization algorithms being developed by ISE to fulfill the contractual requirements of the sponsored project by Agile Systems LLC. The development will require Agile methodology to use a development team consisting of software engineers, DevOps engineers, software architect, and a project manager.</p> <p>Agile Systems, the research project sponsor, is executing a SBIR PHASE-II contract for the U.S. Army with a tight schedule and is relying on Neon Software Company as a sub-contractor for extensive software development. Neon is managing both the software architecture design and detailed software development using a large team of developers. The University's research team is required to develop algorithms in software that will integrate well with the software being developed by Neon. Relying on any other company will introduce risks to the project schedule and deliverables. The sponsor has also suggested that working with Neon will lead to less project risks and on-time delivery of the algorithms and the software implementations to meet the Army's guidelines.</p> <p>The sponsor informed the University that they are relying on Neon Software Company for their software development.</p>	Ratna Babu Chinnam, Dept Chair for Industrial and Systems Engineering, approved by Miriam Dixon
7	P1028399 PerkinElmer Health Sciences \$ 41,322.20 General Funds - Biological Sciences Administration	<p>Scientific Judgment based on Equipment Functionality Liquid Scintillation Counter (LSC) for the Department of Biological Sciences from Perkin Elmer.</p> <p>There are a few manufacturers that sell LSC. The most established vendor is Perkin Elmer, who has manufactured LSC for many years. The key issue with other manufacturers is they do not provide maintenance for their units when needed. Perkin Elmer is the only manufacturer in the market who provides replacement parts and maintenance services.</p> <p>The LSC instrument will be used for radiation survey. It is commonly used and recommended by other institutions for this purpose. Perkin Elmer LSC's are well-built and provide accurate results. Perkin Elmer has established counter efficiencies given for various radioisotopes acceptable by regulatory agencies.</p>	Victoria Meller, Chair for Biological Sciences, approved by Miriam Dixon

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8	P1028097 Cytek BioSciences, Inc \$ 83,315.40 General Funds - Ophthalmology Visual Anatomical Sci	<p>Basis: Scientific Judgment based on Research Equipment Functionality Cytek Northern Lights 1000B - 14 Channel Flow Cytometer for Ophthalmology from Cytek.</p> <p>Cytek Northern Lights is exclusively sold by CYTEK. The Northern Lights machine has proprietary capabilities in both the machine and software that can provide the necessary capabilities which are required for this research.</p> <p>Other options, such as conventional flow cytometers were considered. Ophthalmology contacted other companies about their various models, but it was concluded that the technology provided by CYTEK in their spectral flow cytometers is superior in their color resolution and capabilities. This is necessary in order to achieve the desired results, along with allowing for less expensive operations costs. This is one of the best in class and fits the labs current needs.</p> <p>Spectral flow cytometry is a relatively new technology with proprietary software and technology needed to properly analyze the samples. Its full spectrum capabilities are not available in conventional flow cytometers which limit the available machines. Once more companies produce the necessary technology, proper bidding can occur. Until then, The options for a spectral flow cytometry is currently limited due to its cutting edge technology.</p>	Linda Hazlett, Vice Dean for Research and Graduate Programs, approved by Kenneth Doherty
9	P1027940 Leica Microsystems Inc \$ 33,980.35 Grant Funds - Obstetrics/Gynecology	<p>Scientific Judgment based on Equipment Functionality Leica TP1020 - Automated Tissue Processor with vacuum function, fume control and accessories for Ob-Gyn from Leica Microsystems.</p> <p>Leica Automated tissue processor uses vacuum for tissue paraffin infiltration and has a fume hood to better manage exhausts. The other manufacturer of automated tissue processors considered, EpreDia STP120, uses a spin bucket for tissue paraffin infiltration and does not come with a fume hood. The vacuum tissue infiltration provides more robust, and uniform paraffin infiltration and will give better results. Though both systems have charcoal exhaust, a protective fume hood on the Leica system would add another layer of protection.</p> <p>The EpreDia STP 120 was rejected because vacuum infiltration, which is used by Leica, is quicker and it maintains better tissue morphology. In addition, the STP120 does not come with fume hood for extra protection against fumes.</p>	Sharon Pepe, Associate Director of Administration, approved by Miriam Dixon

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10	P1027843 Agilent Technologies, Inc. \$ 40,011.30 Grant Funds - Pharmaceutical Science	<p>Basis: Informal Quotes obtained by the Requesting Department TapeStation 4200 for Pharmacy and Health Science from Agilent Technologies.</p> <p>The TapeStation is an established automated electrophoresis tool for DNA and RNA sample quality control. Fully automated sample processing enables the unattended analysis of size, concentration and integrity. Choose any sample number between 1 and 96 and analyze at constant cost per sample.</p> <p>The TapeStation system provides a complete solution for true end-to-end sample quality control within any next-generation sequencing (NGS) or Biobank workflow. This covers the full DNA and RNA range and offers high levels of flexibility in a simplified workflow with ready-to-use ScreenTapes. The TapeStation 4200 provides assessment of size distribution in sequencing libraries and can process 96 samples in a batch. This instrument will support a significant portion of the projects performed in the Genome Sciences Core.</p> <p>No other instrument can process quantification and quality control of sequencing samples in high batches. This unique instrument is only available from Agilent Technologies.</p>	Steven Firestine, Interim Chair, Pharmaceutical Sciences, approved by Kenneth Doherty
11	P1027796 Azure Biosystems \$ 38,224.85 General Funds - Ophthalmology Visual Anatomical Sci	<p>Basis: Scientific Judgment based on Equipment Functionality Azure 600 Western blot (WB) imaging system for the Department of Anatomy from Azure Biosystems.</p> <p>This system documents and analyses DNA gels, protein gels and Western blots using UV, visible light, chemiluminescence and visible/infrared fluorescence. There is a similar machine in the department and therefore would like to stay with a similar one to allow for replication of data if needed and to allow for easier training of staff.</p> <p>Other researchers in the department have used other versions of this same machine. This will ease training and use of the machine. Other machines were tested a few years ago and this machine was found to be the best option.</p> <p>Additional PO's for Azure Equipment: P0710745 - 02/2015 - \$32,488.26 P0856916 - 03/2018 - \$6,000.00</p>	Linda Hazlett, Vice Dean for Research and Graduate Programs, approved by Kenneth Doherty

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12	P1027737	Konan Medical USA, Inc. \$ 35,846.82 Federal Grant Funds - Ophthalmology Visual Anatomical Sci	<p>Basis: Scientific Judgment based on Research Equipment Functionality CellChek 20 non-contact specular microscope for the Department of Ophthalmology from Kanan Medical.</p> <p>This microscope can capture and analyze bilateral exams with one touch in under 40 seconds. These fully-automated analysis methods are offered alongside the traditional manual Center and Flex-Center analysis methods, offering a total of 6 analysis options. This device has Auto Center Method, the center of each individual, visible cell is automatically marked. Guttae and other dark regions are automatically excluded.</p> <p>The old device is no longer functional. The department has had a different vendor model, the Tomey EM-4000 and did not prove useful. A microscope of the nature and caliber that the CellChek 20 provides is required for the operations and research in Ophthalmology.</p>	Mark Juzych, Chair of the Ophthalmology Department, approved by Kenneth Doherty
13	P1027140	Biopac Systems, Inc. \$ 30,670.00 General Funds - Occupational Therapy	<p>Basis: Scientific Judgment based on Research Equipment Functionality MP160 data acquisition and analysis systems for the Eugene Applebaum College of Pharmacy and Health Sciences (EACPHS), Department of Occupational Therapy from BIOPAC Systems.</p> <p>The equipment includes AcqKnowledge software, Noninvasive BP monitor, Unisolated RJ11 to 3.5mm Jack, and Input Isa Signal Adapter.</p> <p>BIOPAC brings EACPHS data acquisition systems and data loggers for scientific, life sciences research, data analysis and research purposes. The system purchased will interface with other equipment and accessories currently found in EACPHS. The system allows for one or more MP160 Systems in a local area network (LAN). The researcher can use any computer in the LAN to record from any MP160 system in the network. The hardware allows and helps facilitate the discovery process and ensures reproducible, publishable data, powerful automated analysis routines are available for ECG, HRV, EEG, EMG, and EGG.</p> <p>Quotes were sought from other vendors, but BIOPAC offers more capabilities and provided the best price for the equipment.</p> <p>Previous PO: P0691616 - \$60,005.00 - 9/2014</p>	Diane Adamo, Interim Chair for Occupational Therapy at Pharmacy & Health Sciences, approved by Miriam Dixon

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14	P1027134	Montana Instruments Corporation \$ 174,826.00 General Funds - Sklenar, Joseph	<p>Basis: Scientific Judgment based on Equipment Functionality Low temperature, closed cycle, helium cryostat with an electromagnet into it as well as windows for optical access for the Physics Department from Montana Instruments.</p> <p>Montana Instruments is also designing customized sample holders that will be used in this system.</p> <p>Cryomagnetics, is also a US-based companies with similar products. A quote was received from this vendor and it was more expensive than the Montana Instruments system. The difference in the price is because other companies use a different technology for the magnet (superconducting solenoids), which are capable of generating magnetic fields 7-times larger than the system from Montana Instruments. The other commercially available options are more expensive due to the technology they use for the electromagnet.</p> <p>The PI is familiar with the subset of companies which engineer and design low temperature cryostats, having optical access and magnetic field capabilities. These are somewhat niche technologies used in the basic research of condensed matter physics. In this situation the PI identified three vendors, and selected the lowest cost option. The two other options were outside the range of the PI 's budget and employed more advanced technology in one aspect of the system (a higher magnetic field).</p>	Peter Hoffmann - Chair of Physics & Astronomy, approved by Kenneth Doherty
15	P1026945	DiaSorin Molecular LLC \$ 30,850.00 Grant Funds - Internal Medicine	<p>Basis: Scientific Judgment based on Equipment Functionality Refurbished Liaison MDX Microfluidics Molecular System for Center for Emerging Infectious Diseases (CEID) from DiaSorin Molecular LLC.</p> <p>The Liaison MDX is used by CEIF for a lab derived test with candida auris. CEID will coordinate research of evidence-based interventions that mitigate the impact of emerging infectious and non-communicable diseases in Detroit and Michigan. Candida auris testing will help the community to contain the spread of this highly contagious and infectious disease that causes mortality in 1 in 3 patients.</p> <p>CEIF negotiated a reduced price for the reagents and will also receive a discount on the instrument because it is refurbished. CEIF chose this vendor because they have previous experience with this instrument.</p>	Rana El-Jaroudi, Associate Director, Department of Internal Medicine, approved by Miriam Dixon

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16	P1026174 ActiGraph LLC \$ 65,134.70 Federal Grant Funds - Pediatrics	<p>Basis: Scientific Judgment based on Equipment Functionality Medical grade GT9X link devices and software for the Department of Pediatrics from Actigraph.</p> <p>The GT9X link devices are used for collecting raw actigraphy data for tracking physical activity intensity by minute and sleep analytics. The ability to capture the required physical activity intensity for participants age 6 to 18 can only be captured by this FDA approved research device. ActiGraph is the sole provider for GT9X link devices and CentrePoint software. Actigraph is also the gold standard for collecting and processing actigraphy data.</p> <p>Actigraph offers open-source data analysis, which allows the researcher to access validated methods used to score the data that has been captured. The only lower price item was Fitbit. It was originally going to used but the research data needed could not be obtained on participants age 6 to 12 years old and the study required data on children 6 to 18.</p> <p>No other device provided the level of detail required for this research project.</p>	Herman Gray - Chair of Pediatrics, approved by Miriam Dixon
17	P1025556 VWR International \$ 32,801.45 General Funds - Pathology	<p>Basis: Scientific Judgment based on Research Equipment Functionality Analytik-Jena qTower qPCR instrument for the Department of Pathology from VWR Scientific.</p> <p>The Analytik-Jena qTower is a quantitative polymerase chain reaction (qPCR) machine that is used for qPCR, which is a basic and essential technique to determine the presence and levels of genes and/or genetic elements in biological samples through cycles of DNA amplification.</p> <p>The Office of Pathology reviewed another PCR instrument from BioRad but found that it did not meet their needs. The Analytik-Jena instrument has the capabilities needed and the price is lower.</p>	Brenda Batts, director of the Department of Pathology, approved by Miriam Dixon
18	P1025321 Nikon Instruments Inc \$ 282,317.21 General Funds - Obstetrics/Gynecology	<p>Basis: Scientific Judgment based on Equipment Functionality Integrated X1 Spinning Disk Confocal System for the Department of Obstetrics and Gynecology from Nikon Instruments, Inc.</p> <p>Confocal laser scanning microscopy is an optical imaging technique for increasing optical resolution and contrast of a micrograph by means of using a spatial pinhole to block out-of-focus light in image formation. Nikon Instruments has exclusive rights and holds the patents on the integrated X1 Spinning Disk Confocal System.</p> <p>The researcher has extensive training on Nikon integrated confocal systems and has published using Nikon hardware. Nikon is sole source provider of hardware specifications required for research aims and projects.</p>	Gil Mor, Academic Director, Obstetrics/Gynecology, approved by Miriam Dixon

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19	P1025132 Brinkmann Instruments Inc \$ 82,785.36 General Funds - Chemistry Administration	<p>Basis: Scientific Judgment based on Equipment Functionality Ion chromatograph (IC), 940 Professional IC Vario/SeS for the Department of Chemistry from Brinkmann Instruments doing business as Metrohm.</p> <p>The 940 Professional IC Vario provides maximum reliability of both the system itself and the analytical results produced. The 940 Professional IC Vario is self-monitoring; all system and method parameters are permanently checked against the respective limits and standards. Results can be traced back to every single step of the analysis including sample preparation, making users perfectly prepared for even the toughest audits.</p> <p>This instrument will create a new platform by pairing two instruments together, an Ion chromatograph to the Agilent 8500 ICP-MS/MS, which have already been purchased and implemented. This is the only IC manufacture that has created an interface to the Agilent 8900 ICP-MS/MS purchased on University Purchase Order P1014304 on 03/25/2022.</p>	Matthew Allen, Chair of the Chemistry Department, approved by Miriam Dixon
20	P1024320 Sirona Dx, Inc. \$ 195,196.00 Grant Funds - Perinatal Research Branch	<p>Basis: Scientific Judgment based on Equipment Functionality Imaging Mass Cytometry (IMC) Service for Perinatology Research Branch (PRB) from Sirona Dx, Inc.</p> <p>The PRB, National Institute of Child Health and Human Development/National Institute of Health/US Department of Health and Human Services conducts clinical and basic research in perinatal medicine and related disciplines with the goal of developing novel diagnostic, therapeutic and preventive strategies to reduce adverse pregnancy outcomes, infant mortality and disability. To achieve this goal, PRB is interested in utilizing an imaging mass cytometry (IMC) service. PRB needs a vendor that can perform end-to-end services with pathologist oversight.</p> <p>IMC is an innovative technology that advances multiplexing possibilities on tissue sections. This technology will allow deep analysis of the cell phenotypes with the full spatial context within the tissue microenvironment. The staining procedure utilized is similar to the traditional immunohistochemistry (IHC) in that all antibodies included are in a single cocktail. The company is experienced and provides a comprehensive end-to-end service such as assay design, verification, and optimization; slide staining; IMC laser ablation; image acquisition; and bioinformatics analysis.</p> <p>Sirona Dx will develop and optimize the selected panel, prior to performing the analysis on PRB's placental Formalin-Fixed Paraffin Embedded Tissues. Other suppliers are not capable of providing the same services. There is not a competitive market for IMC services that meet PRB's needs; therefore, Sirona Dx has been selected as the best provider.</p>	Stanley Berry, Chair of the Perinatology Research Branch, approved by Michael Wright

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21	P1023504 AB Sciex, LLC \$ 599,558.70 Grant Funds - Pathology	<p>Basis: Informal Quotes obtained by the Requesting Department Triple Quad 7500 QTRAP System for the Department of Pathology from SCIEX.</p> <p>This system is used for bioanalysis. The Department of Pathology laboratory needs to dictate an instrument with high sensitivity and fast scan rates both in the MS and MS/MS modes for both data dependent and independent acquisitions with fast polarity switching. Based on specific criteria essential for the Lipidomics Core Facility, the equipment selected was the QTRAP 7500 from SCIEX.</p> <p>The laboratory compared the QTRAP 7500 with competing instruments on the market at the time of the grant application. After a complete comparison, the QTRAP 7500 was the primarily choice based on the department's specific needs, capabilities to cater to those needs, experience, and familiarity. The mass range in the quadrupole is more than sufficient for small molecule applications, which this instrument is primarily intended. The system has additional data analysis advantage offered by LipidView software that is primarily used for lipidomics. The software and its associated library have been essential tools for lipidomics analysis by the Core. An added advantage of this choice is the researchers are fully familiar with SCIEX software modules and are ready to take advantage of the new instrument from day one.</p>	Krishnarao Maddipati, Director of the Lipidomics Core, approved by David Massaron
22	P1022989 Pro-Tech Lighting, Inc. \$ 28,700.00 Federal Grant Funds - Electric/Computing Engg Admin	<p>Basis: Informal Quotes obtained by the Requesting Department Smart Occupancy Sensors, Gateway, Energy Manager, and supportive materials for the IoT network of sensors for Electrical and Computer Engineering from Pro-Tech Lighting, Inc.</p> <p>Pro-Tech Lighting is identified by name, statement of work and dollar in the DTE E-Challenge project. Pro-Tech Lighting has the specific qualifications needed. This project and scope were reviewed by FP&M and found to be generally in conformance with their guidelines.</p> <p>Several vendors who provide the services were contacted to provide quotes/estimates. Pro-Tech Lighting provided the best cost savings.</p>	Mohammed Elnaggar, Department Chair of Electrical & Computer Engineering, approved by Miriam Dixon

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23	P1022683 Magritek Inc \$ 54,800.00 General Funds - College of Science Omnibus Fee	<p>Basis: Scientific Judgment based on Equipment Functionality Spinsolve spectrometer for the Department of Chemistry from Magritek Inc.</p> <p>The Spinsolve is a multinuclear NMR spectrometer. The Department of Chemistry is requesting to purchase the Magritek Spinsolve 60MHZ NMR with Spinsolve software and accessories. The department researched other options for the purchase including two competitors, Bruker and Anasazi. Bruker only offers the 80MHz instrument at a much higher cost of \$94,854.56. Anasazi does not offer the equipment needed but proposed to convert old permanent magnet NMR to benchtop units at a cost similar to the equipment being purchased.</p> <p>There were no lower cost options available. The only other companies that sell these benchtop, non-cryogen NMR offer either higher field NMR, require the University to provide a permanent magnet or accept a single probe instead of dual probe NMR. The purchase from Magritek offers the university a significant savings of \$40,054.56.</p>	Matthew Allen, Chair of the Chemistry Department, approved by Miriam Dixon
24	P1022377 Bertec Corporation \$ 114,310.00 General Funds - Washabaugh, Peter	<p>Basis: Scientific Judgment based on Equipment Functionality Instrumented treadmill for Biomedical Engineering from Bertec.</p> <p>The instrumented treadmill will be used for analyzing movement biomechanics. It has two sides, which are equipped with load cells to measure forces during movement. Dr. Cynthia Bir of Biomedical Engineering needs the treadmill for her research to measure human movement.</p> <p>There are only a few manufacturers of instrumented treadmills. Dr. Bir also considered AMTI and Motek Forcelink but found that Bertec was the most cost effective.</p>	Cynthia Bir, Chair of Biomedical Engineering, approved by Miriam Dixon
25	P1022290 Duke University \$ 39,490.05 Grant Funds - Oncology	<p>Basis: Scientific Judgment based on Specialized Research Supplies Family-based prostate cancer DNA samples for the Oncology Department from Duke University.</p> <p>Dr. Jennifer Beebe-Dimmer and Dr. Kathleen Cooney, Co-Investigator on this study, have worked closely together for the past 14 years examining genetic and environmental risk factors for prostate cancer and have published 23 papers together. Dr. Cooney's genomics core at Duke University is well established in processing family-based prostate cancer DNA samples, with a biobank of over 1,500 families. WSU cores are not set up for this kind of family "plating" of specimen analyses.</p> <p>The Duke University quote is competitive in pricing, and the data product is of a known, high-quality, based on the previous family history collaborations between Dr. Beebe-Dimmer and Dr. Cooney.</p>	Jennifer Beebe- Dimmer, Professor for Oncology, approved by Miriam Dixon

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26	P1021944	SomaLogic Operating Co., Inc. \$ 44,100.00 Grant Funds - Perinatal Research Branch	<p>Basis: Scientific Judgment based on Specialized Research Services SomaScan v4.1 Discovery Services for Perinatology Research Branch (PRB) from SomaLogic Operating Co., Inc.</p> <p>The service provided involves proteomic measurement in 63 vaginal fluid samples. Specifically, SomaLogic will use 150ul of vaginal fluid sample to measure the abundance of 7,288 proteomic targets. Raw and normalized data will be shared with PRB researchers who will analyze the data.</p> <p>PRB currently have ongoing studies utilizing the SomaScan Discovery Platform. PRB require the continued use of these kits to maintain experimental consistency and other contractors are not capable of providing the same services.</p> <p>Previous PO: P1004752 for \$292,000 P1001916 for \$247,800</p>	Stanley Berry, Chair of the Perinatology Research Branch, approved by Miriam Dixon
27	P1021427	Virtualis VR Corp \$ 41,700.00 General Funds - College of Science Omnibus Fee	<p>Basis: Scientific Judgment based on Equipment Functionality PhysioVR Software Package for the Communication Sciences and Disorders Department from Virtualis VR Corp.</p> <p>This is a virtual reality system for the assessment and treatment of vestibular and balance disorders. It is a multisensory integration platform.</p> <p>This is a unique device that stands alone for its assessment of vestibular function and postural stability. Virtualis is a sole sourced vendor, and there is no other comparable equipment available on the market.</p> <p>The software package is being purchased as part of the 2022 Student Services Fee Award.</p>	Jinsheng Zhang, Chair of Communication Sciences, approved by Miriam Dixon

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28	P1021423	Keyence Corporation of America \$ 118,670.01 Grant Funds - Pharmaceutical Science	<p>Basis: Scientific Judgment based on Equipment Functionality Keyence microscope for the Pharmaceutical Science Department from Keyence Corporation of America.</p> <p>This is a versatile microscope capable of both bright field and fluorescence-based visualization for cultured cells and tissue slides in different formats. It provides excellent visualization with a hands-free operation. The operation system also allows a state-of-art data analysis and quantification of signaling.</p> <p>Pharmaceutical Science studied other instruments including the Thermo Fisher EVOS, Zeiss Axio, and Aglient, Bioteck. These microscopes are less costly; however, they are not comparable with the Keyence microscope in terms of their automation, resolution, operation interface, software capacity, etc.</p> <p>The research requires the Keyence microscope for regular analyzing and quantifying various molecular and cellular signals. The microscope is a unique instrument and provides a one-stop for all solution for the department's research.</p>	Steven Firestine, Interim Chair, Pharmaceutical Sciences, approved by Miriam Dixon
29	P1020891	Computer Sports Medicine \$ 36,800.00 General Funds - Washabaugh, Peter	<p>Basis: Scientific Judgment based on Equipment Functionality Cybex Norm isokinetic strength dynamometer for Biomedical Engineering from Computer Sports Medicine, Inc.</p> <p>This is a device that is used to measure strength. It consists of a chair, motor, and loadcell, which permits the Bioengineering lab to measure isometric, isotonic, and isokinetic strength. This device will be used for generating musculoskeletal models.</p> <p>This system is needed to measure strength which the lab will input into musculoskeletal models. Notably this system interfaces with many other devices for strength measurement, and there are very few companies that manufacture this type of device.</p> <p>The other main supplier for this device is Biodex. The Biodex device is significantly more expensive and of lesser quality than the Cybex device.</p>	Cynthia Bir, Chair of Biomedical Engineering, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
30	P1020610 Blood Depot Inc. \$ 53,042.00 Auxiliary Funds - Clinical Lab Science	<p>Basis: Scientific Judgment based on Equipment Functionality Sero 12 Centrifuge for the Applied Health Sciences (AHS) Department from Blood Bank Depot.</p> <p>Sero 12 Centrifuge is specialized equipment used in the Clinical Laboratory Science program for the student laboratory sessions in the discipline of immunohematology. This equipment is the type commonly used in the clinical laboratories where the students do their clinical experiential training and will be employed after graduation. "Sero 12 Centrifuge Blood Bank are replacement for discontinued BD Clay Adams Serofuge", made by Drucker Diagnostics. AHS will purchase sixteen of these centrifuges to replace the Clay Adams Sero-Fuge Centrifuges (models 0521-0522) which date back to the 1970s-1980s. The newer version of the Clay Adams centrifuge (2002 model) is discontinued and no longer available. However, four of the 2002 model are still functional and do not require replacement.</p> <p>There are very few existing new models of serofuge available and vendors that have it. The other comparable model is by Fisher, but it has an estimated shipping time of 181 days, and the replacements are needed for the Fall 2022 semester. The only lower-cost option is to purchase older used equipment, which may not be in good working order. However, new equipment will be useable for a longer period.</p>	Mark Evely, Chair of Applied Health Sciences, approved by Miriam Dixon
31	P1019343 Precision Systems & Instrumentation, LLC \$ 25,900.00 General Funds - Ctr for Molecular Medicine & Gen	<p>Basis: Scientific Judgment based on Equipment Functionality Mouse/Rat spinal cord impactor for the Center for Molecular Medicine and Genetics from Precision Systems and Instrumentation, LLC.</p> <p>The IH-0415 Mouse/Rat spinal cord impactor provides researchers specializing in spinal cord injuries with a unique tool to evaluate the mechanisms underlying injury to spinal cord structures. This instrument enables the application of computer controlled standard-force injuries to the spinal cords of small rodents. Real-time probe force and displacement graphs provide the operator with a precise detailed record of the kinematics of each impact. The impactor is ready to use out of the box and requires minimal training to achieve precise, consistent impacts.</p> <p>The impactor is a very specialized equipment that greater than 80% of spinal cord injury researchers use. It would be in the University's best interest to use this device so that our results will compare to results in peer-reviewed publications from other independent laboratories.</p>	Lawrence Grossman, Chair of the Center for Molecular Medicine and Genetics, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
32	P1018944 Bruker Corporation \$ 67,924.20 Grant Funds - Chemistry Administration	<p>Basis: Scientific Judgment based on Equipment Functionality Infrared Spectrometer for the Department of Chemistry from Bruker Scientific, LLC.</p> <p>The INVENIO-R Fourier Transform Infrared Spectrometer features a MCT detector, S129/IR fast scan capability, platinum-ATR accessory with diamond head, and OPUS Spectroscopy Software. This new instrument will replace a 15-year-old Tensor IR spectrophotometer that accommodates a \$25,000 Bruker IRRAS attachment for spectroscopy of thin films. It is the only model that will allow the IRRAS attachment to work.</p> <p>No other company will accommodate the Bruker IRRAS attachment for spectroscopy of thin films. It is a highly specialized piece of equipment and only available from Bruker.</p>	Matthew Allen, Chair of the Chemistry Department, approved by Miriam Dixon
33	P1018688 Vicon Motion Systems, Inc. \$ 60,148.31 General Funds - Washabaugh, Peter	<p>Basis: Scientific Judgment based on Equipment Functionality Vicon motion capture system for Biomedical Engineering from Vicon Motion Systems.</p> <p>The Vicon motion capture system measures human movement for biomedical engineering research, which is performed by Dr. Cynthia Bir. The system uses cameras, markers, software and devices to run.</p> <p>Dr. Bir's specific research needs include the ability to process movement data from both people and objects that would not be possible with every system. The Vicon Vero's compact design means it is easy to mount. The custom-made variable focus lens gives an optimized field of view, and its powerful strobe sees further. This camera's performance belies its form factor. The industry leading 2.2 MPX @ 330 FPS, Vero can capture sports movements or multiple actors with very low latency. This is not available in other motion capture systems.</p> <p>Dr. Bir considered other available systems, such as Qualisys, BTS, Bioengineering and OptiTrack which are reputable dealers of this equipment. Dr. Bir found Qualisys and BTS were more expensive for a similar camera package, while OptiTrack did not have the software processing capabilities that was needed for this specific research.</p> <p>The Vicon system can process movement data from both people and objects, which is not possible with every system. The system will meet the specific research needs and has the best price.</p>	Cynthia Bir, Chair of Biomedical Engineering, approved by Miriam Dixon

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
34	P1018634	Shimadzu Scientific Instruments \$ 49,560.15 Auxiliary Funds - Oncology	<p>Basis: Scientific Judgment based on Equipment Functionality New Laboratory Nexera HPLC Package for the Department of Oncology from Shimadzu Scientific.</p> <p>The Nexera HPLC is a flexible platform that can be optimized for a wide variety of applications. It includes Quaternary HPLC with SIL-40 Autosampler, SPDM40 Photo-Diode Array Detector, FRC-10A Fraction Collector, and LabSolutions PDASoftware, Analytical HPLC, Semi-Prep LC, and LC-MS.</p> <p>The Nexera HPLC uses the same base software platform (LabSolutions) as other Shimadzu instruments at the University. Technical support is available locally from dedicated Specialists and can also be accessed via phone, virtual session, chat or email. Shimadzu also offers the LC "Virtual Advisor" website, available 24/7, for troubleshooting advice and maintenance videos/instruction. These support avenues significantly reduce the cost of ownership.</p> <p>The Nexera HPLC is a highly specialized equipment with a particular package for lab use. No other system offers all the same specifications in a system, and it is only available through Shimadzu.</p>	Larry Matherly, Associate Center Director for Basic Science, approved by Miriam Dixon
35	P1018633	Li-Cor Inc \$ 71,996.36 Grant Funds - Pharmaceutical Science	<p>Basis: Scientific Judgment based on Equipment Functionality Odyssey M (Chemi/Fluor) Infrared Imager for Pharmaceutical Science from LI-COR.</p> <p>This instrument is a multi-function imager that is capable of capturing detailed and high-resolution scientific images for gels, cells, tissue slides, various stainings. It allows an accurate and high throughput quantification and provides user friendly software for data analysis.</p> <p>The Odyssey M Infrared Imager combines functions of a few instruments, e.g., Geldoc, plate reader for chemiluminiscence, fluorescence, cell scanner, tissue array scanner, tissue slides scanner. It is capable of imaging, quantifying and analyzing various experimental assays. This is a unique instrument which is currently only available from the single vendor (LI-COR). If the LI-COR instrument was not available, the lab would require multiple instruments to fulfill all these functions.</p> <p>Prior to the consideration of the LI-COR instrument, a few other instruments with different functions were investigated and compared. However, the LI-COR instrument is the only one that combines multiple functions, hence making it more cost-effective.</p>	Steven Firestine, Interim Chair, Pharmaceutical Sciences, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
36	P1018618 Henry Ford Health System \$ 32,249.88 Federal Grant Funds - Radiology	<p data-bbox="657 282 1486 303">Basis: Scientific Judgment based on Specialized Research Supplies</p> <p data-bbox="657 310 1759 362">Covis Pharmaceuticals Feraheme 510 mg 17ml vials for the Radiology Department from Henry Ford Health Pharmacy.</p> <p data-bbox="657 399 1780 537">This compound is required to do work on a multi-year National Institute of Health grant, which is in its fourth year. The grant's Principal Investigator (PI) wants to ensure the same compound is used for all the experiments. The company that manufactures this drug does not sell it directly, and it can be difficult to obtain and varies in price. The PI wants to order enough of the drug to ensure coverage of the experiments. Due to the COVID Pandemic, experiments stopped but have recently started again.</p> <p data-bbox="657 574 1730 626">Note: AMAG Pharmaceuticals was recently acquired by Covis Pharmaceuticals. Compound is the same as previous orders.</p> <p data-bbox="657 664 1213 685">List of previous POs under AMAG Pharmaceuticals:</p> <p data-bbox="657 722 1121 743">P0891459 - 12/12/2018 - 10 vials \$8,987</p> <p data-bbox="657 750 1157 771">P0915824 - 6/19/2019 - 20 vials \$19,638.30</p> <p data-bbox="657 777 1129 799">P0937603 - 11/22/2019 - 7 vials \$9,46.91</p> <p data-bbox="657 805 1163 826">P0984022 - 5/13/2021 - 30 vials \$34,482.69</p>	Samuel Johnson, Chair of Radiology Department, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
37	P1018614 OPOTEK, LLC \$ 66,300.00 Federal Grant Funds - Chemistry Administration	<p>Basis: Scientific Judgment based on Equipment Functionality OPOTEK laser for the Department of Chemistry from OPOTEK.</p> <p>The OPOTEK turntable laser features tunability between the UV and IR, power levels above 100 microJoules in the UV, and hermetically sealed nonlinear crystals, thereby being maintenance-free. It utilizes optical parametric oscillator (OPO) technology to generate wavelengths over a broad range in the UV, VIS and IR. The laser is designed for portability and the entire laserhead fits into a 7×12” footprint. It requires no installation and the system include verification hardware to check alignment after shipping or relocation. All tunable beams exit the system from the same port resulting in one beam path to the end-user's application. Wavelength tuning is motorized, and computer controlled.</p> <p>OPOTEK is the manufacturer of this tunable laser. There are no vendors in the market that supply a tunable laser that allows the researcher to cover ranges between the UV and the NIR with this power level.</p> <p>RPMC Lasers, another vendor researched, was considered as an alternative but discarded because it does not reach the power level of OPOTEK's laser. In addition, nitrogen is needed to maintain the system at optimum performance, and the nonlinear crystals are not hermetically sealed in the RPMC Lasers.</p>	Matthew Allen, Chair of the Chemistry Department, approved by Miriam Dixon
38	P1018610 Agilent Technologies, Inc. \$ 153,215.15 Grant Funds - Civil/Environmental Engg Admin	<p>Basis: Scientific Judgment based on Equipment Functionality Agilent 7850 VDV ICP-MS, PC controlled Inductively Coupled Plasma - Mass Spectrometer for the Department of Civil and Environmental Engineering from Agilent Technologies.</p> <p>The Agilent instrument was selected because they make an ICP-MS that has been shown to have superior performance, superior compatibility with difficult matrices found in the research samples. Agilent also has a superior technical support staff that can assist with developing customized analysis protocols, and their equipment has advanced and proprietary post-processing capabilities necessary for this project.</p> <p>Other ICP-MS instruments were considered (Thermo Fisher and Avantor) for this project. However, they do not have the required capabilities of the Agilent instrument. The Agilent system includes customized standard operating procedures and methods for regulated and routine experiments, which will save the lab weeks of process development and documentation time. The Agilent system also has a helium collision cell and half-mass correction remove troublesome polyatomic and doubly charged interferences that can reduce data quality and increase the need for costly sample re-measurements.</p>	Dr. William D. Shuster, Chair for the Department of Civil & Environmental Engineering, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
39	P1018447 Keysight Technologies, Inc. \$ 43,270.58 General Funds - Sounas, Dimitrios	<p>Basis: Scientific Judgment based on Equipment Functionality Keysight N9000B CXA Signal Analyzer for Electrical and Computer Engineering from Keysight Technologies, Inc.</p> <p>The Keysight N9000B CXA Signal Analyzer makes nine different power measurements in seconds with the CXA and PowerSuite. It only takes two touches to set the center frequency and the bandwidth of the measurement, and the PowerSuite performs the test automatically. When testing communication and wireless signals of specific formats, PowerSuite offers embedded presets, making measurement setup easier. As part of the measurement, the analyzer reports the power spectral density, which is the power in the signal normalized to a 1 Hz bandwidth. The channel-power measurement can use either the traditional integration bandwidth (IBW) method or the root-raised cosine (RRC) weighted method to calculate the power.</p> <p>The Keysight N9000B CXA Signal Analyzer has the requirements for both research and education. The analyzer's capabilities provide a solid foundation for testing in general-purpose and educational applications. This analyzer is only available from Keysight Technologies, Inc.</p>	Mohammed Ismail - Department Chair, ECE, approved by Miriam Dixon
40	P1018328 iThera Medical, Inc. \$ 209,516.36 ICR Funds - Funded Project Support	<p>Basis: Scientific Judgment based on Equipment Functionality RSOM (Raster Scanning Optoacoustic Mesoscopy) Explorer MS-PS0 imaging system for the Department of Oncology from iThera Medical.</p> <p>This is an acousto-optical preclinical imaging system and would be new technology for the University. This imaging system is only available from iThera as they are the only vendor manufacturing imaging systems with these specifications. This request is part of the startup requirements for a new faculty.</p> <p>This imaging system will be part of the MICR core facility which expands the capabilities of the imaging core. Due to its spatiotemporal resolution, penetration depth, sensitivity and specificity, optoacoustic imaging (OAI) can be used for a multitude of applications, for both preclinical and clinical research.</p> <p>This is a very unique and highly specialized piece of equipment which falls within the expertise of the MICR core facility.</p>	Antonio Yancey - Associate Vice President for the Division of Research, approved by Kenneth Doherty

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
41	P1017516 Bio-Rad Laboratories \$ 38,906.75 Grant Funds - Pediatrics	<p>Basis: Scientific Judgment based on Equipment Functionality Cell Sorter Laser Upgrade Kit for the Department of Pediatrics from Bio-Rad Laboratories.</p> <p>This is a Bio-rad S3e Laser upgrade kit to upgrade the existing laser from 488 nm to 488/561 nm laser. The upgrade kit expands experimental options by Division of Finance and Busine adding a 561 nm laser to 488 nm single-laser S3e Cell Sorter Systems.</p> <p>The upgrade kit is available only from the manufacturer of the laser. It is an update of a proprietary piece of equipment. The original Bio-Rad S3e Automated Cell Sorter 488/561 Bio-safety System with PC & Software was purchased from New Life Scientific on P0983777 for \$24,500.00 on 05/11/2021.</p>	Herman Gray - Chair of Pediatrics, approved by Kenneth Doherty
42	P1017237 Synthego Corporation \$ 26,375.00 Federal Grant Funds - Oncology	<p>Basis: Scientific Judgment based on Specialized Research Services Research Services to generate three genetically modified human cancer cell lines using the new technology called CRISPR-Cas9 for Oncology Department from Synthego Corporation. The actual cell lines are MDAMB231 cell line; AMFR gene. 4T1 cell line; Amfr gene. OVCAR4 cell line; ATG5 gene.</p> <p>. Because generating gene knockout cells is technically demanding and time-consuming, involving several steps, Oncology has opted to purchase the cells from an outside source. When genetically modified cells are identified, they need to be sequencing verified. This has been tried in the lab but cannot obtain the right cells where the gene of interest (both alleles) is knocked out. Synthego has expertise in creating CRISPR-Cas9 knockout cells at a reasonable price. In addition, these cells are needed to generate preliminary data for the lab's new R01 application.</p> <p>. This company provides high-quality products and charges less than other companies that offer similar services.</p> <p>Previous PO: P0943399 -- 1/2020 - \$2,500 P0931104 -- 10/2019 - \$7,200</p>	Gerold Bepler, President and Chair of the Karmanos Cancer Institute, approved by Miriam Dixon.

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
43	P1019464 Fisher Scientific \$ 0.00 General Funds - Pharmacy Dean's Office	<p>Basis: Scientific Judgment based on Research Equipment Functionality Scientific Equipment for the College of Pharmacy and Health Sciences from Fisher Scientific.</p> <p>The requested equipment includes Incubators, Microcentrifuges, Mini Centrifuge, Freezer, Mini Rotator, Digital Rocker, and pH Benchtop Meter.</p> <p>The order contains several pieces of equipment in conjunction with a laboratory startup expense for Dean Brian Cummings. The equipment is not meant to match existing equipment at the University. It is meant to align with equipment in Dean Cummings' laboratory at his previous institutions. This will allow for standardization and repeatability of results.</p> <p>The equipment is only available through Fisher Scientific, who is the University's strategic partner for scientific supplies. Fisher Scientific is giving the University a substantial savings for a startup package and warranties are offered for select equipment. These items are specific to the type of experiments performed in Dean Cummings' laboratory.</p>	Brian Cummings, Dean of Pharmacy, approved by Miriam Dixon
44	P1019463 Fisher Scientific \$ 17,088.78 General Funds - Pharmacy Dean's Office	<p>Basis: Scientific Judgment based on Research Equipment Functionality Scientific Equipment for the College of Pharmacy and Health Sciences from Fisher Scientific.</p> <p>The requested equipment includes Incubators, Microcentrifuges, Mini Centrifuge, Freezer, Mini Rotator, Digital Rocker, and pH Benchtop Meter.</p> <p>The order contains several pieces of equipment in conjunction with a laboratory startup expense for Dean Brian Cummings. The equipment is not meant to match existing equipment at the University. It is meant to align with equipment in Dean Cummings' laboratory at his previous institutions. This will allow for standardization and repeatability of results.</p> <p>The equipment is only available through Fisher Scientific, who is the University's strategic partner for scientific supplies. Fisher Scientific is giving the University a substantial savings for a startup package and warranties are offered for select equipment. These items are specific to the type of experiments performed in Dean Cummings' laboratory.</p>	Brian Cummings, Dean of Pharmacy, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
45	P1014450-A Salimetrics LLC \$ 35,444.21 Grant Funds - Psychiatry	<p>Basis: Scientific Judgment based on Specialized Research Services Saliva kits and testing for Psychiatry & Behavioral Neurosciences Department from Salimetrics.</p> <p>Salimetrics provides saliva kits and testing for specific molecules. Psychiatry & Behavioral Neurosciences is requesting saliva collection kits and analysis services for two analytes (cortisol and II1-beta) for a total 1080 samples.</p> <p>Salimetrics is the only company that can analyze the specific molecules in large batches and in a timely fashion. They are also providing a discount for analyzing a large volume of samples.</p>	Jennifer Ballard-Traynor - Director for Psychiatry and Behavioral Neurosciences, approved by Miriam Dixon
45 / \$ 3,572,901.75			

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
B. EXECUTIVE OFFICER WAIVER FOR PROFESSIONAL SERVICES (S23)			
46	P1029174 Celeste Rabaut \$ 28,800.00	Basis: Continuation of Specialized Services with Recommended Source Consulting Services for the School of Social Work, Center for Behavioral Health and Justice (CBHJ) from Celeste Rabault. Federal Grant Funds - Nahan, Neva A The personal service contract will allow Celeste Rabaut to continue her work with the CBHJ Juvenile Justice initiative. She will provide meeting facilitation and strategic planning associated with the creation and implementation of a disposition matrix used to guide judicial decision-making in the Juvenile Justice System in Wayne County. Ms. Rabaut has provided services to the CBHJ team since 2015 and has been providing consulting and strategic planning services to non-profits and community agencies independently for over 18 years. In addition, she has been involved in externally facilitating a series strategic planning meetings for the Wayne County Clinic for Child Study, which has evolved into a process and outcome evaluation of the juvenile justice system in Wayne County and now the implementation, and eventual evaluation of a disposition matrix. Wayne County, through Chief Judge Kenny of the Third Circuit Court, has explicitly required Ms. Rabaut to continue to serve as the external facilitator on the project. Her services have been written into the budget and proposal materials. PO History: P097065612/02/20\$22,400.00 P097063212/02/20\$73,820.00 P095175703/23/20\$26,850.00 P094110312/18/19\$33,100.00 P089049612/05/18\$45,500.00	Mark Kornbluh, Provost, approved by Michael Wright

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
47	P1028781 zSpace Inc. \$ 33,350.00	<p>Basis: Recommended Source for Specialized Professional Services Professional Services to develop a strategic plan for the School of Medicine (SOM) from David S. Bright, PhD.</p> <p>The purpose of this project is to develop an actionable strategic plan that re-establishes a vision for the SOM, generates a clear sense of purpose, especially with social accountability, and inspires stakeholders to engage in building and supporting the future of the school. Also, to use an inclusive, participatory process to build and strengthen relationships among stakeholders and key leaders.</p> <p>The Liaison Committee on Medical Education (LCME) element 1.1 requires medical schools to have a fully developed strategic plan that is actionable and measurable, implemented, and measured. If these conditions are not met, the SOM is not likely to receive a satisfactory rating for element 1.1 and is at risk of a citation in this area.</p> <p>David S. Bright, PhD, Facilitation and Consulting Services is an expert in strategic planning for medical schools. Due to the January 2023 deadline for submittal of this information to the LCME, Dr. Bright has the experience and expertise to meet this time frame.</p>	Wael Sakr, Dean of the School of Medicine, approved by Michael Wright
	Grant Funds - Nursing Dean's Office Admin		
48	P1024539 Alex Damarjian \$ 50,000.00	<p>Basis: Informal Quotes obtained by the Requesting Department Design and programming services for the Psychiatry Department from Alex Damarjian.</p> <p>This is a personal service contract to design and program augmented reality human encounter scenarios for treatment of Post-Traumatic Stress Disorder (PTSD) and helping Michigan first responders (police, firefighters, EMT, dispatch, and correction officers) with work-related trauma as part of the MDHHS Frontline Strong Together grant.</p> <p>The Psychiatry Department solicited quotes from three companies, but they were either unable to perform the work, located outside the country, or the price was too high. Therefore, services to assist with programming will be divided between Alex Damarjian and Blue Alien Labs, which are less expensive than the other options considered.</p> <p>This is a complex software program that requires high level expertise and experience in the field. Mr. Damarjian has more than 12 years of game and simulation development experience. He is also a PhD Faculty in Humanities and Technology at Columbia College Chicago. Mr. Damarjian is qualified to provide these services to the University.</p>	Jennifer Ballard-Traynor - Director for Psychiatry and Behavioral Neurosciences, approved by Michael Wright
	Grant Funds - Psychiatry		

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
49	P1024339	Luis Angel Flores-Blanco \$ 38,000.00 General Funds - Haas, Randall	<p>Basis: Recommended Source for Specialized Professional Services Archeological Research Co-Director Services for the College of Liberal Arts and Sciences from Luis Angel Flores-Blanco.</p> <p>Luis Angel Flores-Blanco is an Archeological Research Co-Director who conducts arch research in Peru under a permit from the Peruvian Ministry of Culture. He will provide archeological research in Peru, including permit preparation, consultation on compliance issues with local laws, report preparation, field research and lab analysis.</p> <p>The permit from the Peruvian Ministry of Culture mandates that a licensed Peruvian archeologist must co-direct the research. Luis Angel Flores-Blanco is a Peruvian citizen, licensed Peruvian archeologist, and regional expert. He is the sole qualified specialist for the research being completed.</p>	Stephen Chrisomalis, Acting Chair for Anthropology, approved by Michael Wright
50	P1024325	Scott James Smith \$ 25,000.00 Grant Funds - Nahan, Neva A	<p>Basis: Recommended Source for Specialized Professional Services Consultant work for School of Social Work, Center for Behavioral Health and Justice (CBHJ) by Scott Smith, PhD.</p> <p>Dr. Smith will continue to serve as a law enforcement expert with a specific focus on the role of Assisted Outpatient Treatment (AOT) for Courts, Law Enforcement, Emergency Departments, Inpatient Facilities, and Behavioral Health Providers. His role includes consultation with the CBHJ team and target audiences for the development of an online toolkit. This project is a continuation his work on multiple CBHJ projects, such as Stepping Up, Wayne County Behavioral Health Unit, and Flinn III.</p> <p>Dr. Smith is widely known through his work as a Professor of Social Work at Oakland University, as well as in his direct work with law enforcement and local hospitals. He has been sought out by the Mental Health Diversion Council (MHDC). He is the founder of the AOT toolkit projects, as an expert in the implementation of AOT across Michigan. He also serves on the MHDC's AOT Workgroup, which is the body providing oversight to the toolkit project.</p> <p>Other Projects: P1001132 - 10/01/21 - 09/30/22 - \$9,000 - Stepping Up P1000969 - 10/01/21 - 09/30/22 - \$11,800 - Wayne County Behavioral Health Unit P1001362 - 07/01/21 - 06/30/23 - \$7,500 - Flinn III</p>	Mark Kornbluh, Provost, approved by Michael Wright

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
51	P1023962 University of Arizona \$ 26,070.00 Grant Funds - Perinatal Research Branch	<p>Basis: Recommended Source for Specialized Professional Services Consulting services for the Perinatology Research Branch (PRB) by Dr. Chaur-Dong Hsu of the University of Arizona.</p> <p>Dr. Chaur-Dong Hsu is the former Chairperson of Ob/Gyn in the Wayne State University School of Medicine, as well as the former Project Site Manager of the PRB contract administered by the University. Dr. Hsu's expertise and familiarity with this specialized contract is the reason his consultant services were required.</p> <p>The National Institutes of Health contract at Wayne State University will be expiring in 2023. There is a timeliness issue for this expertise that would hamper the final progress of this contract if an alternate source were to be sought. This arrangement was initially approved by the National Institute of Child Health and Human Development Contracting Officer as a subcontract, but further examination of the Scope of Work did not fit within the subcontracting parameters. It is more in alignment with the definition of a Consulting Agreement.</p>	Stanley Berry, Chair of the Perinatology Research Branch, approved by Michael Wright
52	P1023889 Athena Ed, LLC \$ 165,000.00 General Funds - Med Academic+Student Programs Admin	<p>Basis: Recommended Source for Specialized Professional Services Professional Services for the School of Medicine from Athena Ed, LLC.</p> <p>Athena will review existing documentation, policies, and procedures and analyze for gaps and threats. They will conduct two-day on-site visit with relevant individuals and groups to review documentation and analyze strengths and weaknesses of the School of Medicine.</p> <p>Athena will also provide an initial review of the school's Liaison Committee on Medical Education (LCME) readiness. Additionally, the consultant will provide on-going support and advice as the school prepares for the LCME on-site visit. Time is of the essence as the LCME accreditation will occur in April 2023.</p> <p>There were no consultants identified that had the capability, experience with community-based medical schools and familiarly with the Wayne State School of Medicine that had the ability to complete the project in the immediate time frame.</p>	Thane Peterson - Vice Dean for the School of Medicine, approved by Kenneth Doherty

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
53	P1021428 Israel Goldberg \$ 54,000.00 ICR Funds - Funded Project Support	<p>Basis: Compatible with and Continuation of Specialized Services Consulting Services for the Office of the Vice President for Research (OVPR) from Health Research Associates (HRA).</p> <p>HRA provides consulting services which will include grant coaching and development for six faculty researchers, focusing on securing National Institute of Health (NIH) research funding for OVPR. All candidates will be identified by OVPR. WSU receives indirect costs on all NIH grants; therefore, this investment is anticipated to have a high rate of return on investment.</p> <p>Over the past 30 years, HRA has been very successful helping investigators secure NIH funding. This is accomplished by assisting clients with reviewing and critiquing grant proposals, preparing submissions, interpretation of summary statements and advertisement for responses to critiques and preparation of amended proposals. The service that HRA provides is unique and highly recommended by leadership in the School of Medicine.</p> <p>Previous POs: P0991059 in June 2021 \$54,000 P0976853 in February 2021 \$56,000 P0918143 in July 2019 \$52,000.00 P0890670 in December 2018 \$100,000.00 P0890624 in December 2018 \$52,000.00 P0831079 in September 2017 \$52,000.00 P0793646 in November 2017 \$52,000.00</p>	Denise Figlewicz, AVP for Research & Enhancement, approved by Kenneth Doherty

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
54	P1021173 Rieth Jones Advisors LLC \$ 52,440.00 Auxiliary Funds - Off of the VP Finance & Bus Oper	<p>Basis: Continuation of Specialized Services with Recommended Source Consulting services for Student Auxiliary Services / Housing from Rieth Jones Advisors LLC (RJA).</p> <p>RJA has unique knowledge of Housing's P3 partnership that represents both a value to the University and something a new consultant could not duplicate. RJA began a limited engagement in November 2020 that now needs to expand as the University's due diligence requirements during discussions of a significant debt restructuring of the WSU-Corvias housing partnership continue and expand. RJA's principal, Richard Rieth, has previously provided consulting and advisory services related to WSU's P3 partnership.</p> <p>Mr. Rieth served as lead consultant for WSU's housing market demand studies in the past, which were high quality and very accurate. His team is familiar with WSU housing facilities, including the housing facilities master plan previously approved by this Board. Therefore, it is in the best interests of WSU to continue this consulting relationship through the current debt restructuring negotiation.</p> <p>The cost is \$52,440</p> <p>Previous POs P0934872 for \$46,666.83 P0969107 for \$24,456.25 P0982136 for \$244,120.00</p>	Timothy Michael, AVP for Student Auxiliary Services, approved by Michael Wright
9 / \$ 472,660.00			
55	P1028768 Michigan Air Solutions \$ 50,315.95 General Funds - FP&M Facilities Operations	<p>C. URGENT OR EMERGENCY REQUIREMENT (S06) Basis: Urgent or Emergency Equipment Replacement of the main laboratory air compressor to the Chemistry and STEM buildings for Facilities, Planning and Management (FP&M) from Michigan Air Products.</p> <p>The air compressor to the Chemistry and STEM buildings delivers air services to fumehoods and equipment within the laboratories. Quality clean air is needed for ongoing work and experiments. FP&M needs to expedite the replacement of equipment to avoid disruptions to these laboratories. This equipment matches what is already in place.</p>	Robert Davenport, AVP for Facilities Planning & Management, approved by Miriam Dixon

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
56	P1028526	United Rentals (North America), Inc. \$ 86,055.00 Plant Funds - FP+M Office of Assoc VP	<p>Basis: Urgent or Emergency Equipment Rental of two 300-349 KVA tier 4 generators for four months including 1000 gallons tank, noise barrier</p> <p>This is needed as temporary power is required at the Hilberry Gateway by August 1, 2022.</p> <p>United Rental has the generators available to meet the required timeline. Their price is the lower cost of the two proposals reviewed. In addition, between the two, only United Rental has the noise barriers for rental required to mitigate noise disturbance.</p>	Robert Davenport - AVP for Facilities Planning & Management, approved by Kenneth Doherty
57	P1020864	BMG Labtech Inc \$ 28,925.03 Grant Funds - Physiology	<p>Basis: Informal Quotes obtained by the Requesting Department ClairStar Microplate Reader for the Department of Physiology from BMG Labtech Inc.</p> <p>A microplate reader is a laboratory instrument that is used to measure chemical, biological or physical reactions, properties, and analytes within the well of a microplate. A microplate consists of small wells in which separated reactions take place. These reactions convert the presence of an analyte or the progression of biochemical processes into optical signals. The microplate reader detects these signals and thus quantifies the parameter of interest.</p> <p>Dr. Gil Mor of the Department of Physiology requires the microplate reader for his current RO1 research project. He originally planned to purchase a new plate reader from BMG Labtech, with features matching the reader currently being utilized, but the cost is more than \$50,000. The vendor offered Dr. Mor a refurbished reader at a cost of \$28,925, which will save \$21,075.</p>	Gil Mor, Academic Director, Obstetrics/Gynecology, approved by Kenneth Doherty
58	P1019432	DES Electric \$ 64,873.92 Plant Funds - FP+M Office of Assoc VP	<p>Basis: Urgent or Emergency Services Emergency Electrical Services for Facilities Planning and Management from DES Electric.</p> <p>Emergency Services are required to execute temporary stabilization and repairs of the Physics Building. The services provided include investigation, temporary power, and repair of the Physics Building's failed electrical service on primary electrical gear feeders from the basement to the roof-top equipment and elevators.</p> <p>DES is currently an authorized Time & Materials Vendor for the University. The advantage of using this vendor is that they are already on campus assisting with the mitigation recovery from the summer 2021 flood repairs. There is no down-time and the state of the buildings failing systems did not allow for outsourcing.</p>	Robert Davenport, AVP for Facilities Planning & Management, approved by Miriam Dixon

4 / \$ 230,169.90

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
D. COMPATIBILITY WITH PREVIOUSLY PURCHASED EQUIPMENT OR SERVICES			
59	P1029583 The Prophet Corporation \$ 70,133.97 Federal Grant Funds - KHSS Asst Dean's Office Admin	<p data-bbox="657 342 1289 362">Basis: Compatible with Existing Fitness Equipment</p> <p data-bbox="657 370 1774 423">Physical activity equipment for the Office of Kinesiology, Health and Sports Science from The Prophet Corporation dba Gopher Sports.</p> <p data-bbox="657 456 1774 626">The exercise equipment will be distributed to multiple schools across the state that participate in the Building Healthy Communities Program conducted under the authority of the Office of Kinesiology, Health and Sports Science. The goal of the program is to assist school aged children in developing healthy life habits around physical activity. These equipment packages are designed to accompany the physical education and recess curriculum (research intervention) used in this childhood obesity prevention project.</p> <p data-bbox="657 659 1774 769">The Building Healthy Communities has purchased fitness equipment from Gopher Sports for several years. They have consistently provided quality equipment and excellent customer assistance. Gopher offers a lifetime warranty on equipment which allows schools to replace equipment. Continued purchases from Gopher will ensure continuity of quality and service.</p> <p data-bbox="657 802 810 821">Previous POs:</p> <p data-bbox="657 862 1041 1117">08-2022 - P1028943 - \$10,000.00 08-2021 - P0991979 - \$56,000.00 10-2020 - P0967481 - \$78,976.00 01-2020 - P0942244 - \$4,670.95 09-2019 - P0925216 - \$48,412.00 06-2019 - P0916355 - \$6,864.40 08-2018 - P0877216 - \$25,078.68 08-2018 - P0876874 - \$31,004.20 09-2017 - P0832404 - \$2,780.03</p>	Nate McCaughtry – Assistant Dean - Kinesiology, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
60	P1029581 The Prophet Corporation \$ 37,790.40 Federal Grant Funds - KHSS Asst Dean's Office Admin	<p>Basis: Compatible with Existing Fitness Equipment Physical activity equipment for the Office of Kinesiology, Health and Sports Science from The Prophet Corporation dba Gopher Sports.</p> <p>The exercise equipment will be distributed to multiple schools across the state that participate in the Building Healthy Communities Program conducted under the authority of the Office of Kinesiology, Health and Sports Science. The goal of the program is to assist school aged children in developing healthy life habits around physical activity. These equipment packages are designed to accompany the physical education and recess curriculum (research intervention) used in this childhood obesity prevention project.</p> <p>The Building Healthy Communities has purchased fitness equipment from Gopher Sports for several years. They have consistently provided quality equipment and excellent customer assistance. Gopher offers a lifetime warranty on equipment which allows schools to replace equipment. Continued purchases from Gopher will ensure continuity of quality and service.</p> <p>Previous POs:</p> <p>08-2022 - P1028943 - \$10,000.00 08-2021 - P0991979 - \$56,000.00 10-2020 - P0967481 - \$78,976.00 01-2020 - P0942244 - \$4,670.95 09-2019 - P0925216 - \$48,412.00 06-2019 - P0916355 - \$6,864.40 08-2018 - P0877216 - \$25,078.68 08-2018 - P0876874 - \$31,004.20 09-2017 - P0832404 - \$2,780.03</p>	Nate McCaughtry – Assistant Dean - Kinesiology, approved by Miriam Dixon
61	P1029433 Bio-Rad Laboratories \$ 28,323.83 General Funds - Ophthalmology Visual Anatomical Sci	<p>Basis: Compatible with Existing Research Equipment Real-Time Polymerase Chain Reaction (RT-PCR) instrument for genotyping and for lab work involving analysis of genes for the Department of Ophthalmology from Bio-Rad.</p> <p>The Department of Ophthalmology needs to replace two RT-PCR units that are 10 years old and no longer reliable. To guarantee the reliability of the research, the units need to be replaced by equipment from the same manufacturer. If the Department continues to use the Bio-Rad equipment, it will standardize the results of the research by allowing the new units to run the results from the previous units.</p>	Linda Hazlett, Vice Dean for Research and Graduate Programs, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
62	P1028913 PRX Inc \$ 41,338.32 Auxiliary Funds - Student Evaluation Forms	<p>Basis: Continuation of Specialized Services Renewal of membership for WDET-FM from PRX Inc.</p> <p>PRX provides public radio programming to WDET-FM. PRX exclusively has the rights to produce and distribute the following national programs: Latino USA, Reveal, Snap Judgement, Sound Opinion, the Moth Radio Hour, and This American Life.</p> <p>Services provided by PRX are unique to the needs of WDET-FM Public Radio. They are the only provider of the national programs that have been selected by WDET.</p> <p>Previous POs:</p> <p>P0997575 - 10/21 - \$40,309.24 P0967758 - 10/20 - \$37,552.24 P0930382 - 09/19 - \$37,083.00 P0874969 - 08/18 - \$30,155.25 P0831066 - 09/17 - \$27,162.00 P0792762 - 11/16 - \$26,682.00</p>	Mary Zatina, Senior Director for WDET Radio, approved by Kenneth Doherty
63	P1028223 Bloomberg Finance LP \$ 96,960.00 General Funds - Business Admin Dean's Office	<p>Basis: Compatible with Existing Computing Software Renewal of financial data software access through terminal system for the Mike Ilich School of Business from Bloomberg Finance.</p> <p>These terminals are accessed through computers in the Finance and Data Analytics lab in the Mike Ilich School of Business building. This is a renewal of a purchase of 1 license, which in addition to another two were purchased (P0964128), and the School receive 9 free terminals. This provides 12 terminals in total and make the per terminal cost less than \$500 per terminal per month.</p> <p>Bloomberg L.P. services are also known as "Bloomberg terminals" from their startup days of 30 years ago, when their database came as a feed to their own terminals. The services are unique in the financial world. Bloomberg is leader in the industry and the world's largest financial data provider. It has no real competitor per se. Bloomberg's closest competitor is Refinitiv (formerly Reuters), but that service does not provide university type services and training to university personnel.</p> <p>Previous PO's: P0991979, P0964128, P0960115, P0877079, P0811803, P0724374</p>	Virginia Kleist, Dean of the Mike Ilich School of Business, approved by Kenneth Doherty

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by												
64	P1027845 SomaLogic Operating Co., Inc. \$ 36,400.00 Grant Funds - Perinatal Research Branch	<p>Basis: Compatible with Existing Research Services SomaScan v4.1 Discovery Services for the Perinatology Research Branch from somaLogic.</p> <p>The Bioinformatics and Computational Biology Unit, the Maternal-Fetal Immunobiology Unit and the Biomarkers Unit of the Perinatology Research Branch aim to measure the human proteome in maternal blood samples in normal and complicated pregnancies. The data will enable discovery of additional biomarkers for early prediction of obstetrical disease, such as preterm labor and delivery, preeclampsia and growth restriction in maternal blood.</p> <p>The service procurement from Somalogic Inc. involves proteomic measurement in 52 maternal blood samples. Specifically, Somalogic will use 65ul of maternal blood sample to measure the abundance of 7,288 proteomic targets. Raw and normalized data will be shared with PRB researchers who will analyze the data. The data will be provided in computer files via a secure web portal. The investigators have previously used services of Somalogic for profiling 1,300 proteins and have published multiple articles and secured two patents. The services involving the newer Somalogic platform measuring 7,288 proteins has been utilized already to assess within and cross-platform accuracy, and to develop prediction models. Other contractors are not capable of providing the same services.</p> <p>The Units already have ongoing studies utilizing the SomaScan Discovery Platform. We require the continued use of these kits to maintain experimental consistency.</p> <p>Previous PO's:</p> <table border="0"> <tr><td>P100191611/12/2021</td><td>\$ 247,800</td></tr> <tr><td>P097962303/21/2021</td><td>\$ 774,400</td></tr> <tr><td>P100475212/15/2020</td><td>\$ 292,000</td></tr> <tr><td>P073209708/40/2015</td><td>\$ 94,200</td></tr> <tr><td>P069918411/10/2014</td><td>\$1,029,800</td></tr> <tr><td>P067283404/25/2014</td><td>\$ 750,000</td></tr> </table>	P100191611/12/2021	\$ 247,800	P097962303/21/2021	\$ 774,400	P100475212/15/2020	\$ 292,000	P073209708/40/2015	\$ 94,200	P069918411/10/2014	\$1,029,800	P067283404/25/2014	\$ 750,000	Stanley Berry, Chair of the Perinatology Research Branch, approved by Michael Wright
P100191611/12/2021	\$ 247,800														
P097962303/21/2021	\$ 774,400														
P100475212/15/2020	\$ 292,000														
P073209708/40/2015	\$ 94,200														
P069918411/10/2014	\$1,029,800														
P067283404/25/2014	\$ 750,000														

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
65	P1027335 Key Code Media Inc \$ 29,930.00 General Funds - College of Fine & PA Omnibus Fee	<p>Basis: Continuation of Specialized IT Services Avid NEXIS E4 200TB Software License Renewals for the College of Fine and Performing and Communication Arts (CFPCA) from KeyCode Media.</p> <p>The license includes Avid NEXIS IFS Foundation E4 Engine with two 100TB Media Packs, two drive slot covers and ExpertPlus with hardware support. This model of Avid Nexis server is not available from any other known vendors.</p> <p>There is an urgent need for the software to be installed and tested for remote instruction before the fall 2022 semester begins. CFPCA should have additional time and resources to determine future storage and media server if the need for remote instruction continues.</p> <p>Previous CFPCA POs include P0912192 - 5/22/2019 - \$13,620.00 P0910962 - 5/14/2019 - \$8,361.64 P0867620 - 6/20/2018 - \$42,260.00</p>	Joan Ferguson, Director of Business Affairs, CFPCA, approved by Miriam Dixon
66	P1026138 10XGenomics \$ 25,008.00 Grant Funds - Perinatal Research Branch	<p>Basis: Compatible with Existing Research Supplies Chromium Next GEM Single Cell 3' GEM Library & Gel Bead Kit v3.1 for Perinatology Research Branch (PRB) from 10X Genomics.</p> <p>. PRB Maternal-Fetal Single-Cell Genomics Unit has used 10X Genomics reagents with their Chromium Controller for all prior experiments. The suite of Chromium Single Cell products is a unique technology that has the ability to generate tens of thousands of single cell partitions that each have an identifying barcode for downstream analysis. The Chromium Controller and the other products have a flexible workflow that can be utilized on many sample types that are collected at the PRB.</p> <p>. 10X Genomics is the sole source for this technology and the PRB has previously invested in the Chromium Controller and the suite of products that are only available from 10X Genomics.</p> <p>. It is important that the Unit maintain experimental consistency and in order to do so, 10X Genomics is the only vendor that the Unit can continue utilizing for single-cell RNA sequencing technologies.</p> <p>. Previous POs of similar items: P1017851 - (5/2022) - \$25,205.00 P1015045 -- (4/2022) - \$29,564.00</p>	Stanley Berry, Chair of the Perinatology Research Branch, approved by Ken Doherty

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
67	P1025951	Dell Incorporated \$ 41,309.61 General Funds - Dir Computing Center Services	<p>Basis: Compatible with Existing Computing Services Software and hardware maintenance support for the Compellent SC9000 storage system located at the Detroit location for Computing and Information Technology (C&IT) from Dell.</p> <p>C&IT uses two Compellent storage systems to store the University's primary enterprise data. One of these systems is at the Detroit location and uses proprietary software and hardware to replicate the data between the two storage systems for data protection. Dell is the manufacturer of these systems and is the only organization that can provide the software support. The systems also require OEM hardware support to qualify for the software support.</p> <p>Third party hardware maintenance is available; however, this would result in no longer being able to receive software upgrades for system enhancements, bug fixes, and security patches. This would render the system inappropriate for storing enterprise data that relies on this software for security and advanced storage management such as compression, deduplication, replication, data progression, and encryption.</p> <p>Previous PO's: P0524110 - \$678,000 - Original Hardware Purchase P0821800 - \$275,337.41 - Maintenance for Hardware Purchase</p>	Rob Thompson, AVP for Computing & Information Technology, approved by Miriam Dixon
68	P1025937	ProSelect Insurance Company \$ 267,603.00 Auxiliary Funds - Otolaryngology	<p>Basis: Continuation of Specialized Services with Recommended Source Liability insurance as required for WSU SOM students and residents from Coverys/Pro-Select Insurance</p> <p>Coverys also provides the policy for the Wayne Health practice so we receive discounted rates The GME department and Wayne Health work with USI an insurance broker to identify the most affordable coverage each year at the time of renewal</p>	Anne Messman, MD, Associate Dean of GME/DIO, approved by Kenneth Doherty

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
69	P1025052 Get Inclusive Inc \$ 28,110.00 General Funds - AVP Enrollment Management	<p>Basis: Compatible with Existing Computing Software On-line Training Software for the Office of the General Counsel from Get Inclusive, Inc.</p> <p>This is the Office of General Counsel's fifth year using this subscription to an on-line training software containing modules relative to campus-wide Title IX, sexual harassment, discrimination, and hazing.</p> <p>The Directors of the Office of Equal Opportunity and Title IX viewed a demonstration in 2018 and concluded this program best suited the needs of Wayne State University. After researching other software programs available, the Directors determined there is no other software that competes with this software program. In addition, the software is customized to Wayne State and satisfies State and Federal requirement regarding on-line student training.</p> <p>Previous POs: Year 1: P0874087 - \$33,317.00 - August 2018 Year 2: P0928074 - \$33,317.00 - September 2019 Year 3: P0967623 - \$26,775.00 - October 2020 Year 4: P0995768 - \$26,775.00 - September 2021</p>	Laura Johnson, Interim Vice President & General Counsel, approved by Miriam Dixon
70	P1024712 Singulomics Corporation \$ 85,000.00 Grant Funds - Perinatal Research Branch	<p>Basis: Compatible with Existing Research Services Custom data analysis in 10x single cell RNA-sequencing libraries for Perinatology Research Branch (PRB) from SingulOmics Corporation.</p> <p>The PRB, National Institute of Child Health and Human Development/ National Institute of Health/US Department of Health and Human Services conducts clinical and basic research in perinatal medicine and related disciplines with the goal of developing novel diagnostic, therapeutic and preventive strategies to reduce adverse pregnancy outcomes, infant mortality, and disability.</p> <p>SingulOmics data analysis services are preferred because they offer a more complete service compared to other vendors. In addition, SingulOmics is being utilized for other projects and continued use of the same vendor is required to maintain experimental consistency.</p>	Stanley Berry, Chair of the Perinatology Research Branch, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
71	P1024655 SIGHTLINES LLC \$ 76,000.00 Auxiliary Funds - Off of the VP Finance & Bus Oper	<p>Basis: Compatible with and Continuation of Specialized Services Strategic capital planning for Housing & Residential Life (HRL) from Sightlines, LLC.</p> <p>HRL and Facilities Planning and Management (FP&M) will conduct strategic capital planning for all WSU housing residential buildings. The purpose is to provide a strategic capital planning solution and building portfolio analysis, quantify deferred maintenance in housing facilities through lifecycle & cost modeling and input from on-campus experts, develop actionable and long-term capital planning to address deferred maintenance and campus priorities with buy-in from key stakeholders, and manage deferred maintenance progress in real time through an online platform.</p> <p>Sightlines recently conducted campus facilities' assessment work, but it did not include housing facilities. Sightlines already knows the campus and it is efficient for them to expand the scope of work to add the housing facilities. Results from the housing facility assessment will added to the current FP&M facility management system, joining data previously delivered by Sightlines.</p> <p>FP&M currently uses Sightlines for other building analysis on campus, and the vendor provides a comprehensive, ongoing analysis of investment and impact.</p> <p>Prior POs to Sightlines: P1017025 - \$22,000 P0962704 - \$346,814 P0962106 - \$103,900</p>	Timothy Michael, AVP for Student Auxiliary Services, approved by Kenneth Doherty

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
72	P1024426 Fit Tech, Inc \$ 29,355.24 Auxiliary Funds - Recreation & Fitness Ctr Admin	<p>Basis: Continuation of Specialized Services with Recommended Source Onsite repair service for athletic equipment at the Mort Harris Fitness Center from Fit Tech Inc.</p> <p>Fit Tech will replace decks and belts on 28 treadmills utilized in the fitness center. They have been the service provider for the equipment for multiple years. They are familiar with the existing equipment and facility operations. They have knowledge of the current COVID regulations and willing to comply with them.</p> <p>The Mort Harris Fitness Center needs the equipment repairs to be ready for the return of students in the fall. Fit Tech currently has a standing PO for repair and maintenance with the fitness center and has the knowledge to get the work done quickly.</p> <p>Cost: \$29,355.24</p> <p>Previous POs 3/21- P0978937- \$23,123.30 9/20- P0963185- \$22,000.00 8/19- P0922289- \$22,000.00 2/19- P0898268- \$21,196.00 8/18- P0876742- \$22,000.00 8/17- P0827557- \$22,000.00</p>	Robert Fournier, Athletic Director, approved by Miriam Dixon
73	P1023529 Gaumard Scientific Co, Inc. \$ 126,067.60 General Funds - College of Nursing Omnibus Fee	<p>Basis: Scientific Judgment based on Specialized Research Services Advanced Pediatric HAL® S2225 for the College of Nursing from Gaumard Scientific Inc.</p> <p>The College of Nursing is replacing the 2011 Gaumard equipment with two pediatric simulators - Advanced Pediatric HAL® S2225 which includes light and dark skin tone simulators, Tablet PC preloaded with UNI® control software, Automatic mode license, Pediatric HAL Simulated Learning and the Pediatric HAL Simulated LearningExperiences™ guidebook.</p> <p>Gaumard is the manufacturer with the most advance peds simulators. Purchasing from this manufacturer allows the Simulation Lab to continue utilizing their currently owned accessories, which are by this manufacturer.</p>	Laurie Clabo, Dean of Nursing, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
74	P1022773 Frontier Distributing, Inc. \$ 140,000.00 General Funds - DLAR Animal Care Husbandry	<p data-bbox="657 284 1291 303">Basis: Compatible with Existing Research Supplies</p> <p data-bbox="657 313 1680 365">LabDiet laboratory animal feed and Andersons bedding for the Division of Laboratory Animal Resources (DLAR) from Frontier Distributing, Inc.</p> <p data-bbox="657 397 1774 544">Frontier is the only distributor of LabDiet® feed and Andersons® bedding in Michigan. They are the single source for DLAR's standard food and bedding needs and deliver directly to the animal holding facilities on a weekly basis. If there is an emergency or last-minute item needed, it can be pick it up from the local distribution center. This entitlement avoids delays and undesired changes in diets/bedding.</p> <p data-bbox="657 576 1774 690">It is critical that animal feed and bedding are consist for maintaining reliable research data. No other single distributor can supply all the same brand products necessary for consistency; nor are they located in Michigan. DLAR has a long-standing business relationship with Frontier Distributing whose excellent customer service has continuously provided the various diets and bedding required.</p> <p data-bbox="657 722 1711 771">An RFI was conducted in 2014 and Frontier was the only response. Based on the RFI, contract award, and any extensions, the following PO's have been issued:</p> <p data-bbox="657 803 1155 998">P0985826 - 07/01/21 - 06/30/22 - \$115,000 P0956054 - 06/12/20 - 05/27/21 - \$105,000 P0929193 - 09/27/19 - 06/30/20 - \$95,000 P0879954 - 10/01/18 - 06/30/19 - \$106,500 P0831535 - 10/01/17 - 09/30/18 - \$89,100 P0737911 - 10/01/15 - 09/30/16 - \$90,000 P0695220 - 10/01/14 - 09/30/15 - \$107,024</p> <p data-bbox="657 1031 1774 1089">The current requisition (158781170) covers year 1 of a 3-year contract. A separate PO will be issued for each year in the amount of \$140,000.00. The contract total for this award is \$420,000.00.</p>	Michael Bradley, Director - Department of Laoratory Animal Resources, approved by Miriam Dixon.

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
75	P1021942 Data Reproductions Corporation \$ 34,093.00 Auxiliary Funds - Univ Press Book Production+Design	<p>Basis: Compatible with and Continuation of Specialized Services Reprint of KSPT Kits (testing) for University Press purchasing from Data Reproductions.</p> <p>The KSPT kit is a complex multi-faceted project which Data Reproductions is deeply familiar. The vendor has managed the reprint for this kit since 1998. The kit requires printing of tests, clinician guides and manuals. It also requires assembly and coordination with the kit manufacturer/packager.</p> <p>Due to the complex nature of this project, moving it to different vendor at this time would add a considerable length of time to the schedule. It will also introduce the potential for error in assembling and coordinating with the manufacturer/packager.</p> <p>Data Reproductions understands the project and the University Press trust them to deliver the quality and consistency of past reprints.</p> <p>Prior PO's include P0763456 - 4/01/2016 - 35039.24 P0635774 - 6/20/2013 - 34022.00</p>	Stephanie Williams, Director of University Press, approved by Miriam Dixon
76	P1021261 Edward S. Kim \$ 175,000.00 Grant Funds - Technology Commercialization Admin	<p>Basis: Compatible with and Continuation of Specialized Services Consulting Services to support the implementation of the MTRAC for the Office of Business Innovation from Edward Kim.</p> <p>This is a continuation of consulting services with Edward Kim to create the infrastructure to support the implementation of the Michigan Translational Research and Commercialization (MTRAC), Acceleration and Commercialization Program in Advanced Computing. The services include assembly of the advisory committee, assessing and establishing the technology pipeline.</p> <p>The services require specific expertise in multiple industry sectors as well as unique technical and business/venture expertise. It also requires the ability to recruit advisory groups from personal contacts. Mr. Kim has the specific skill set to provide the services. In addition to his industry-area and MTRAC/state funding niche expertise, he has three years of prior experience facilitating this program.</p> <p>The service will be performed under a contract from the State of Michigan, Michigan Economic Development Corporation (MEDC), which is a MTRAC Hub. Mr. Kim received prior approval from the MEDC as a uniquely qualified candidate to perform the work.</p> <p>Prior PO: P0926877 - June 1, 2019 thru May 31, 2022 - \$450,000.</p>	Lindsay Klee, Executive Director of the Office of Business Innovation, approved by Michael Wright

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
77	P1020257	Siemens Industry Inc \$ 293,670.00 General Funds - FP+M Office of Assoc VP	<p>Basis: Compatible with Existing Systems Software Siemens Controls Conversion project for Facilities Planning and Management (FP&M) from Siemens Industry, Inc.</p> <p>Siemens will provide WSU with the next phase of migration from the Insight Building Management Software to the fully integrated Building Management System. The new system is a platform-based software with on an open architecture, which simplifies technology integration. It integrates various systems and devices, automate processes and is scalable and flexible to meet the requirements of any building or project size. It is easy to engineer and enables a wide variety of systems to communicate and interoperate cohesively through centralized command and control.</p> <p>Siemens controls conversion project will move the current building automation off the failing and unsupported server to a new virtual server software and C&IT supported hardware in the WSU data center.</p> <p>Siemens controls are proprietary, and the conversion would require their technicians/programmers to install software and hardware to update the existing systems. Their technicians/programmers will write and import software patches for all device porting.</p>	Robert Davenport, AVP for Facilities Planning & Management, approved by Kenneth Doherty
78	P1020162	University of Texas Health San Antonio \$ 27,600.00 General Funds - Neurology	<p>Basis: Compatible with Existing Research Services DNA (whole exome) sequencing for the Neurology Department from the University of Texas Health San Antonio.</p> <p>The Neurology Department teams have previously used sequencing services from the University of Texas Health on multiple occasions and received high quality data in a very timely manner. To have efficient data collection and keep data consistency, this service is the most optimal choice for the department to work with.</p> <p>The department considered services provided by the University of Michigan, Advanced Genomics core but they were too expensive. Also, Novogene Company had good quality data, but inadequate scientific support. The University of Texas Health was familiar with challenges of sequencing data quality and made direct comparison more important.</p> <p>Previous POs: P1014008 - 3/2022 - \$4,800 P0983991 - 5/2021 - \$9,200</p>	Maysaa Basha, Interim Chair of Neurology, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
79	P1019346 Aquifer Inc \$ 71,000.00 General Funds - Medicine Omnibus Awards	<p>Basis: Compatible with Existing Systems Software Software for the School of Medicine from Aquifer, Inc.</p> <p>Aquifer is a software package that is used by the SOM Faculty as a teaching tool across several medical disciplines. The SOM, Institute for Innovative Technology in Medical Education is renewing the annual license for the use of a web-based database of clinical virtual patient cases. This is a continuation of an existing agreement to use this product, which is now fully integrated into the curriculum. The Institute for Innovation has used this software since 2005.</p> <p>As Institute for Innovation continues to search the marketplace regularly, no other product has been found that contains the features and benefits to the educational program as this product. Teaching faculty are contacted for validity before renewing annually.</p> <p>Prior PO's include: P0990642 - 7/29/2021 \$66,495.00 P0961201 - 7/20/2021 \$65,325.00 P0954493 - 5/15/2020 \$6,280.00 P0917768 - 7/08/2019 \$62,500.00 P0873488 - 8/03/2018 \$57,500.00 P0820237 - 6/20/2017 \$44,600.00</p>	Richard Baker, Senior Vice Dean of the School of Medicine, approved by Miriam Dixon
80	P1017851 10XGenomics \$ 25,205.00 Grant Funds - Perinatal Research Branch	<p>Basis: Compatible with Existing Research Equipment Suite of Chromium Single Cell products for the School of Medicine, Perinatology Research Branch (PRB) from 10x Genomics, Inc.</p> <p>The suite of Chromium Single Cell products is a unique technology that can generate tens of thousands of single cell partitions that each have an identifying barcode for downstream analysis. The Chromium Controller and the other products have a flexible workflow that can be utilized on many sample types that are collected at the PRB.</p> <p>10X Genomics is a sole source vendor because the Maternal-Fetal Single-Cell Genomics Unit is already utilizing the highly specialized 10X Chromium microfluidic system that requires the use of compatible kits and reagents for samples and library preparation that are only available from this vendor. The Unit requires the continued use of the kits to maintain experimental consistency.</p>	Stanley Berry, Chair for OBGYN, approved by Kenneth Doherty

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
81	P1027672	Shaw Systems & Integration Inc \$ 4,074.70 Auxiliary Funds - Media Svcs Administration	<p>Basis: Recommended Source for Specialized Equipment Shaw Systems Integration (SSI)- Procurement, configuration, and installation of video surveillance camera encoder hardware, Surveillance cameras, installation and supporting equipment for the Genetec Video Management System migration project.</p> <p>As of June 30 2022, the WSU's Qognify Video Management System (VMS) will reach its end of life, earlier than expected. C&IT and WSUPD have decided to migrate to the Genetec Security Center as the replacement VMS. The work requested of this bid waiver is in preparation for the migration and updates legacy video surveillance locations with Genetec compatible hardware and equipment.</p> <p>Both Shaw and Compass are expertly familiar with WSU's VMS infrastructure. The timing of the Qognify VMS reaching its end of life, the critical life safety importance of video surveillance, and supply shortages leaves WSU with no choice but to divide the work (based on lowest quoted cost) between both Shaw and Compass.</p> <p>SSI has previously installed and maintained the majority of 1700+ cameras on-campus. They are expertly familiar with our infrastructure and follow WSU's standards for communication infrastructure. This purchase is to retrofit existing analog cameras with new encoders.</p> <p>Shaw Systems Integration will procure, configure, and install of video surveillance camera encoder hardware, surveillance cameras and support equipment for the Genetec Video Management System migration project.</p> <p>Encoders for Genetec/ Accurate Camera-R160863959 - \$49,972 Maccabees Camera Renovation for R160814672- \$23,954 Engineering Camera Renovation for R160818499- \$18,673 Bio-Engineering Camera Renovation for R160818791- \$10,100 Knapp Camera Renovation for R160819276- \$ 5,913 Skillman Camera Renovation for R160819492 - \$ 6,597 Freer Camera Renovation for R160820921- \$ 4,075</p>	Robert Thompson, AVP for Computing & Information Technology, approved by Kenneth Doherty

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
82	P1027670	Shaw Systems & Integration Inc \$ 6,596.68 Auxiliary Funds - Media Svcs Administration	<p>Basis: Recommended Source for Specialized Equipment Shaw Systems Integration (SSI)- Procurement, configuration, and installation of video surveillance camera encoder hardware, Surveillance cameras, installation and supporting equipment for the Genetec Video Management System migration project.</p> <p>As of June 30 2022, the WSU's Qognify Video Management System (VMS) will reach its end of life, earlier than expected. C&IT and WSUPD have decided to migrate to the Genetec Security Center as the replacement VMS. The work requested of this bid waiver is in preparation for the migration and updates legacy video surveillance locations with Genetec compatible hardware and equipment.</p> <p>Both Shaw and Compass are expertly familiar with WSU's VMS infrastructure. The timing of the Qognify VMS reaching its end of life, the critical life safety importance of video surveillance, and supply shortages leaves WSU with no choice but to divide the work (based on lowest quoted cost) between both Shaw and Compass.</p> <p>SSI has previously installed and maintained the majority of 1700+ cameras on-campus. They are expertly familiar with our infrastructure and follow WSU's standards for communication infrastructure. This purchase is to retrofit existing analog cameras with new encoders.</p> <p>Shaw Systems Integration will procure, configure, and install of video surveillance camera encoder hardware, surveillance cameras and support equipment for the Genetec Video Management System migration project.</p> <p>Encoders for Genetec/ Accurate Camera-R160863959 - \$49,972 Maccabees Camera Renovation for R160814672- \$23,954 Engineering Camera Renovation for R160818499- \$18,673 Bio-Engineering Camera Renovation for R160818791- \$10,100 Knapp Camera Renovation for R160819276- \$ 5,913 Skillman Camera Renovation for R160819492 - \$ 6,597 Freer Camera Renovation for R160820921- \$ 4,075</p>	Robert Thompson, AVP for Computing & Information Technology, approved by Kenneth Doherty

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
83	P1027668	Shaw Systems & Integration Inc \$ 10,099.59 Auxiliary Funds - Media Svcs Administration	<p>Basis: Recommended Source for Specialized Equipment Shaw Systems Integration (SSI)- Procurement, configuration, and installation of video surveillance camera encoder hardware, Surveillance cameras, installation and supporting equipment for the Genetec Video Management System migration project.</p> <p>As of June 30 2022, the WSU's Qognify Video Management System (VMS) will reach its end of life, earlier than expected. C&IT and WSUPD have decided to migrate to the Genetec Security Center as the replacement VMS. The work requested of this bid waiver is in preparation for the migration and updates legacy video surveillance locations with Genetec compatible hardware and equipment.</p> <p>Both Shaw and Compass are expertly familiar with WSU's VMS infrastructure. The timing of the Qognify VMS reaching its end of life, the critical life safety importance of video surveillance, and supply shortages leaves WSU with no choice but to divide the work (based on lowest quoted cost) between both Shaw and Compass.</p> <p>SSI has previously installed and maintained the majority of 1700+ cameras on-campus. They are expertly familiar with our infrastructure and follow WSU's standards for communication infrastructure. This purchase is to retrofit existing analog cameras with new encoders.</p> <p>Shaw Systems Integration will procure, configure, and install of video surveillance camera encoder hardware, surveillance cameras and support equipment for the Genetec Video Management System migration project.</p> <p>Encoders for Genetec/ Accurate Camera-R160863959 - \$49,972 Maccabees Camera Renovation for R160814672- \$23,954 Engineering Camera Renovation for R160818499- \$18,673 Bio-Engineering Camera Renovation for R160818791- \$10,100 Knapp Camera Renovation for R160819276- \$ 5,913 Skillman Camera Renovation for R160819492 - \$ 6,597 Freer Camera Renovation for R160820921- \$ 4,075</p>	Robert Thompson, AVP for Computing & Information Technology, approved by Kenneth Doherty

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
84	P1027667	Shaw Systems & Integration Inc \$ 5,913.41 Auxiliary Funds - Media Svcs Administration	<p>Basis: Recommended Source for Specialized Equipment Shaw Systems Integration (SSI)- Procurement, configuration, and installation of video surveillance camera encoder hardware, Surveillance cameras, installation and supporting equipment for the Genetec Video Management System migration project.</p> <p>As of June 30 2022, the WSU's Qognify Video Management System (VMS) will reach its end of life, earlier than expected. C&IT and WSUPD have decided to migrate to the Genetec Security Center as the replacement VMS. The work requested of this bid waiver is in preparation for the migration and updates legacy video surveillance locations with Genetec compatible hardware and equipment.</p> <p>Both Shaw and Compass are expertly familiar with WSU's VMS infrastructure. The timing of the Qognify VMS reaching its end of life, the critical life safety importance of video surveillance, and supply shortages leaves WSU with no choice but to divide the work (based on lowest quoted cost) between both Shaw and Compass.</p> <p>SSI has previously installed and maintained the majority of 1700+ cameras on-campus. They are expertly familiar with our infrastructure and follow WSU's standards for communication infrastructure. This purchase is to retrofit existing analog cameras with new encoders.</p> <p>Shaw Systems Integration will procure, configure, and install of video surveillance camera encoder hardware, surveillance cameras and support equipment for the Genetec Video Management System migration project.</p> <p>Encoders for Genetec/ Accurate Camera-R160863959 - \$49,972 Maccabees Camera Renovation for R160814672- \$23,954 Engineering Camera Renovation for R160818499- \$18,673 Bio-Engineering Camera Renovation for R160818791- \$10,100 Knapp Camera Renovation for R160819276- \$ 5,913 Skillman Camera Renovation for R160819492 - \$ 6,597 Freer Camera Renovation for R160820921- \$ 4,075</p>	Robert Thompson, AVP for Computing & Information Technology, approved by Kenneth Doherty

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
85	P1027665	Shaw Systems & Integration Inc \$ 18,672.70 Auxiliary Funds - Media Svcs Administration	<p>Basis: Recommended Source for Specialized Equipment Shaw Systems Integration (SSI)- Procurement, configuration, and installation of video surveillance camera encoder hardware, Surveillance cameras, installation and supporting equipment for the Genetec Video Management System migration project.</p> <p>As of June 30 2022, the WSU's Qognify Video Management System (VMS) will reach its end of life, earlier than expected. C&IT and WSUPD have decided to migrate to the Genetec Security Center as the replacement VMS. The work requested of this bid waiver is in preparation for the migration and updates legacy video surveillance locations with Genetec compatible hardware and equipment.</p> <p>Both Shaw and Compass are expertly familiar with WSU's VMS infrastructure. The timing of the Qognify VMS reaching its end of life, the critical life safety importance of video surveillance, and supply shortages leaves WSU with no choice but to divide the work (based on lowest quoted cost) between both Shaw and Compass.</p> <p>SSI has previously installed and maintained the majority of 1700+ cameras on-campus. They are expertly familiar with our infrastructure and follow WSU's standards for communication infrastructure. This purchase is to retrofit existing analog cameras with new encoders.</p> <p>Shaw Systems Integration will procure, configure, and install of video surveillance camera encoder hardware, surveillance cameras and support equipment for the Genetec Video Management System migration project.</p> <p>Encoders for Genetec/ Accurate Camera-R160863959 - \$49,972 Maccabees Camera Renovation for R160814672- \$23,954 Engineering Camera Renovation for R160818499- \$18,673 Bio-Engineering Camera Renovation for R160818791- \$10,100 Knapp Camera Renovation for R160819276- \$ 5,913 Skillman Camera Renovation for R160819492 - \$ 6,597 Freer Camera Renovation for R160820921- \$ 4,075</p>	Robert Thompson, AVP for Computing & Information Technology, approved by Kenneth Doherty

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
86	P1027664	Shaw Systems & Integration Inc \$ 23,954.38 Auxiliary Funds - Media Svcs Administration	<p>Basis: Recommended Source for Specialized Equipment Shaw Systems Integration (SSI)- Procurement, configuration, and installation of video surveillance camera encoder hardware, Surveillance cameras, installation and supporting equipment for the Genetec Video Management System migration project.</p> <p>As of June 30 2022, the WSU's Qognify Video Management System (VMS) will reach its end of life, earlier than expected. C&IT and WSUPD have decided to migrate to the Genetec Security Center as the replacement VMS. The work requested of this bid waiver is in preparation for the migration and updates legacy video surveillance locations with Genetec compatible hardware and equipment.</p> <p>Both Shaw and Compass are expertly familiar with WSU's VMS infrastructure. The timing of the Qognify VMS reaching its end of life, the critical life safety importance of video surveillance, and supply shortages leaves WSU with no choice but to divide the work (based on lowest quoted cost) between both Shaw and Compass.</p> <p>SSI has previously installed and maintained the majority of 1700+ cameras on-campus. They are expertly familiar with our infrastructure and follow WSU's standards for communication infrastructure. This purchase is to retrofit existing analog cameras with new encoders.</p> <p>Shaw Systems Integration will procure, configure, and install of video surveillance camera encoder hardware, surveillance cameras and support equipment for the Genetec Video Management System migration project.</p> <p>Encoders for Genetec/ Accurate Camera-R160863959 - \$49,972 Maccabees Camera Renovation for R160814672- \$23,954 Engineering Camera Renovation for R160818499- \$18,673 Bio-Engineering Camera Renovation for R160818791- \$10,100 Knapp Camera Renovation for R160819276- \$ 5,913 Skillman Camera Renovation for R160819492 - \$ 6,597 Freer Camera Renovation for R160820921- \$ 4,075</p>	Robert Thompson, AVP for Computing & Information Technology, approved by Kenneth Doherty

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
87	P1025407 USI INSURANCE SERVICES LLC \$ 15,000.00 Auxiliary Funds - Med Academic+Student Programs Admin	<p>Basis: Compatible with and Continuation of Specialized Services Resident and Medical Student Professional Liability Insurance Brokerage Services for the Office of Graduate Medical Education from USI Insurance Services LLC (USI).</p> <p>Services provided by USI will include risk assessment, risk program design, exposure analysis, current insurance programs' analysis. USI will also provide recommendations, negotiate coverage terms, premiums, and placement of coverages with insurers. Cost will be \$45,000 for a 3 year contract, \$15,000 per year</p> <p>Previous POs:</p> <p>7/21 - P0988680 - \$15,000 8/20 - P0961429 - \$15,000 9/19 - P0927584 - \$15,000</p>	Martha Jordan, Administrative Director, Graduate Medical Education, approved by Michael Wright
88	P1021225 Fisher Scientific \$ 19,261.08 General Funds - Pharmacy Dean's Office	<p>Basis: Compatible with Existing Research Equipment Scientific Equipment for the College of Pharmacy and Health Sciences from Fisher Scientific.</p> <p>Dean Brian Cummings of the College of Pharmacy and Health Sciences, requires numerous pieces of scientific equipment to furnish his new laboratory at the University. The scientific equipment is not meant to match existing equipment at the University. It is meant to align with equipment in Dean Cummings' laboratory at his previous institutions. This will allow for standardization and repeatability of results.</p> <p>Dean Cummings is purchasing the equipment through Fisher Scientific, who currently has a strategic source contract for research supplies. The equipment is only available through Fisher Scientific, who is providing a substantial discount for a startup package.</p>	Brian Cummings, Dean of Pharmacy, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
89	P1006551-A Blue Rose Capital Advisors \$ 269,000.00 Auxiliary Funds - Off of the VP Finance & Bus Oper	<p>Basis: Continuation of Specialized Services Capital Market advisory services related to existing P3 partnership with Corvias for the Housing Authority.</p> <p>This order is to extend PO P1006551 by 6 months, to December 2022, and increase total by \$69,000 to \$269,000</p> <p>Blue Rose Capital Advisors are the University's current capital markets advisor, and have historically been the advisor on the P3 partnership. As a result, Blue Rose is uniquely positioned to provide these highly specialized services</p> <p>There would be limited, if any, other advisors who could provide these services at this juncture of the project.</p>	Marianne Cunningham, AVP for Treasury, approved by Kenneth Doherty
90	P0992320-A Campus Auto Repair \$ 59,000.00 General Funds - Rentals+Leases-400 Mack Ave	<p>Basis: Continuation of Vehicle Services with Recommended Source Maintenance and repair of Police vehicles for Public Safety from Campus Auto Repair.</p> <p>Public Safety has incurred a higher level of repairs than anticipated. Individual repairs are substantially lower than the blanket order total, but the cumulative total exceeds the University threshold of \$25K. Purchase Order P0992320 will increase by \$10,000, which changes the total from \$39,000 to \$49,000.</p> <p>Campus Auto Repair is a preferred vendor for police vehicles due to their close proximity to campus. They provide emergency and routine maintenance for police vehicles at a reasonable cost.</p> <p>Prior POs include: P0965805 - FY 2021 - \$54,000 P0928753 - FY 2020 - \$38,000 P0883504 - FY 2019 - \$44,000 P0833946 - FY 2018 - \$44,000 P0787411 - FY 2017 - \$48,000 P0741262 - FY 2016 - \$33,000</p>	Tony Holt, Chief of Police, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
91	P0996376-A Ulliance Inc \$ 484,000.00 General Funds - Office AVP for Human Resources	<p>Basis: Compatible with and Continuation of Specialized Services Wellness program services and administration, including coaching. Deliverables include the Wellness portal and training and seminar hours</p> <p>This waiver is to Increase PO P0996376 by \$284,000, from: \$200,000 to \$484,000, for quarterly service fees and reward fulfillment (GIFT CARDS) for FY2022.</p> <p>WSU had an ongoing relationship with Ulliance as our Wellness program vendor and it is important to maintain continuity for the benefit of the university. Ulliance has provided favorable pricing over the years with zero or modest price increases and has treated WSU as a valued client. This would be an extension of an existing contractual arrangement.</p> <p>Prior POs Include P0953181 - 04/19/2020 - \$175,000.00 P0953178 - 04/19/2020 - \$122,360.00 P0895780 - 01/24/2019 - \$125,000.00 P0895353 - 01/22/2019 - \$178,107.01 P0878531 - 09/11/2018 - \$166,104.50 P0857110 - 04/02/2018 - \$122,101.60 P0832820 - 09/25/2017 - \$120,000.00 P0816827 - 05/22/2017 - \$268,191.86 P0765185 - 04/14/2016 - \$230,000.00 P0765116 - 04/13/2016 - \$103,814.85</p>	Carolyn Hafner, AVP for Human Resources, approved by Tamaka Butler
92	P0918765-A KONE, Inc. \$ 267,367.28 Plant Funds - FP+M Office of Assoc VP	<p>Basis: Compatible with Existing Infrastructure Equipment Furnish and install a new EcoSpace EB (Existing Building) machine room-less elevator system at 5425 Woodward by Kone Elevator.</p> <p>The building is currently is without the use of functional elevators. As such, the request is urgent due to ADA issues.</p> <p>Informal Quotes were solicited by Facilities PLanning & Management from both Schindler Elevator (our preferred service provider) and Kone. The request to Schindler was made on March 21, 2019, but no response was ever provided. Thus, Facilities opted to try KONE to see how well they might perform in resolving this critical issue.</p> <p>This Waiver reflects an increase on Purchase OrderP0918765, from \$225,230 to \$267,367.28</p>	Robert Davenport, AVP for Facilities Planning & Management, approved by Kenneth Doherty

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
93	P0956085-A A&G Ideas S.L. \$ 166,500.00 Grant Funds - Physics+Astronomy Admin	<p>Basis: Continuation of Specialized Services with Recommended Source Increased costs by \$36,000.00 from \$67,500 to \$103,500 and extend the time frame for PO P0956085 for participation/membership to the CERN/ALICE collaboration Analysis of datasets for Physics and Astronomy through A&G Ideas / Dr. Gonzalez.</p> <p>This includes pp, pPb, PbPb and possibly others as appropriate, acquired by the collaboration for the purpose of measurements of correlation functions possibly including R2, P2, G2 and balance functions and various support materials. Also includes the preparation and publications of papers reporting the completed analysis, presentations at conferences of produced results as appropriate based on discussion between Dr Gonzalez, Dr. Pruneau, and the ALICE Collaboration Shift responsibilities to operate the ALICE experiment at the CERN/LHC.</p> <p>A&G Ideas and Dr. Gonzales have already done work for the grant project (P0946148, Current P0956085). A number of papers are in draft version by Dr Gonzalez and the rest of the research group. However, key tasks remain before we can complete the main task of publishing the analysis of the G2 correlator measured in pp and pA collisions at LHC energies.</p> <p>This request is to extend the PO to the expected completion date of Dr. Gonzalez's current work. At that point the grant PIs will determine whether or not to keep working with A&G Ideas for the remaining grant research.</p>	Peter Hoffmann - Chair of Physics & Astronomy, approved by Kenneth Doherty

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
94	P1014133-A The Chartis Group, LLC \$ 281,899.20 VP for Health Affairs	<p>Basis: Recommended Source for Specialized Professional Services Consulting services to explore and develop a potential affiliation that will support Ascension Michigan ("Ascension") and Wayne State University ("WSU") and Wayne Health (WH) to be provided by The Chartis Group.</p> <p>This waiver is to increase the existing PO P1014133 by \$74,550, from \$285,827.55 to \$360,377.55.</p> <p>The Chartis Group has been engaged by Wayne State University, Wayne Health, and Ascension Michigan to assist in developing a potential partnership strategy, defining the scope and value of a potential partnership and developing partnership options to consider. A critical piece of this process is gathering the perspectives and data of leadership through interviews and information requests. These collective interviews will be synthesized and used to set the foundation for the potential partnership between the organizations. The primary focus of these SOWs is on Phase I - Affiliation Strategy Exploration/ Development. This phase will focus on developing a shared articulation of a vision for the affiliation and key goals and objectives (i.e., what the organizations seek to achieve through the affiliation that they cannot achieve alone). Once vision and goals/objectives are established we will work with the Parties to develop the value proposition, key considerations, and best fit options/ structures for the proposed affiliation. This phase will culminate with a synthesis of the work completed to date into the overall case for affiliation that will be used by the Parties to make an initial go/no- go decision to move to Letter of Intent (LOI) and more formal business case development.</p>	Mark Schweitzer, Vice President for Health Affairs, approved by President M. Roy Wilson

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
95	P1000145-A The Common Application Inc \$ 35,000.00 General Funds - University Admissions	<p>Basis: Compatible with Prior Software Purchases On-line college application form for Undergraduate Admissions from the Common Application.</p> <p>The Common Application is a single on-line college application form used by over 700 colleges and universities. The application allows students to fill out general information in one application and it is sent to member schools where the student applies.</p> <p>This request is to increase the Common Application Purchase Order from \$20,000.00 to \$35,000.00. The cost of the contract is non-negotiable and is determined by the application volume WSU receives each year. The Department of Undergraduate Admissions expects the number of applications to increase to approximately 6,000 this year and therefore will need to increase the Purchase Order.</p> <p>The Common Application is the sole source for this service</p> <p>Prior POs with Common Application P1000145 - 10/26/2021 - \$20,000.00 P0972603 - 12/22/2020 - \$35,000.00 P0956746 - 06/19/2020 - \$18,562.54 P0927205 - 09/17/2019 - \$16,053.70 P0877466 - 09/05/2018 - \$13,131.88</p>	Ericka Matthews-Jackson, Sr. Director, Undergraduate Admissions, approved by Miriam Dixon

37 / \$ 3,452,236.99

E. PARTNERSHIPS/SPONSORS

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
96	P1029337 University Physician Group \$ 1,703,633.00 Grant Funds - VP Research	<p>Basis: Use of a University Affiliate for Specialized Services Medical services (COVID-19 Vaccines Administration) for the Office of Vice President for Research from University Physician Group dba Wayne Health.</p> <p>Wayne Health is the medical service provider for the Mobile Health Units (MHU). The MHUs will be used to provide screening services and medical oversight at events in partnership with WSU. Wayne Health utilizes the WSU PHOENIX program to deploy the units.</p> <p>The project proposal specified the utilization of Wayne Health as the medical service provider for the deployed mobile units purchased by the Michigan Department of Health and Human Services (MDHHS). They are the only MHU in the region that has the capacity to handle the volume of testing and vaccines.</p> <p>WSU was awarded a grant from MDHHS, State Contract Number E20223758-00. MDHHS approved the utilization of the MHU.</p> <p>Reference prior PO P0970418 - 11-30-2020 - \$2,729,304</p>	Phillip Levy - Assistant Vice President for Research, approved by David Massaron
97	P1024473 University Physician Group \$ 79,680.00 Federal Grant Funds - VP Research	<p>Basis: Use of a University Affiliate for Specialized Services COVID-19 Mobile Vaccination Clinics for the School of Medicine from Wayne Health.</p> <p>Wayne Health will provide a minimum of ten mobile COVID-19 vaccination clinics for vulnerable and high-risk populations in Detroit and metropolitan area with a grant from Blue Cross Blue Shield of Michigan (BCBSM).</p> <p>The COVID-19 mobile clinics will increase access to safe and effective COVID-19 vaccine, provide valuable health care screenings and the other vital linages to care and assist the State of Michigan in reaching its goal of vaccinating 70% of the population. The vaccine clinics will provide free health screenings for diabetes, hypertension, and other chronic disease.</p> <p>Wayne Health staff have the training and mobile services in the Detroit area that can manage mass vaccination events. The utilization the Wayne Health Mobile Units has been approved by BCBSM</p>	Phillip Levy - Assistant Vice President for Research, approved by Miriam Dixon

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
98	P1023240	University Physician Group \$ 837,180.00 Federal Grant Funds - VP Research	<p>Basis: Use of a University Affiliate for Specialized Services Medical Services for Office of the Vice President for Research from Wayne Health.</p> <p>Wayne Health has historically been the medical service provider for the Mobile Health Units (MHU). The MHUs offer screening services and medical oversight at events in partnership with WSU. Wayne Health utilizes the WSU PHOENIX program track health outcomes as it relates to these services.</p> <p>Bank of America Charitable Foundation, Inc. is funding the program, and will provide Wayne Health with \$837,180. The Foundation approved WSU to utilize Wayne Health as the medical service provider for the deployed mobile units. Wayne Health will assume liability of the mobile units purchased with the funding.</p> <p>There are other mobile health units in the region (i.e. D-Group, Henry Ford, and ACCESS); however, they do not have the current capacity to handle the services listed in this grant.</p> <p>There are other mobile health units in the region (i.e. D-Group, Henry Ford, and ACCESS); however, they do not have the current capacity to handle the services listed in this grant.</p>	Phillip Levy - Assistant Vice President for Research, approved by David Massaron
99	P1017168	University Physician Group \$ 39,553.00 Federal Grant Funds - VP Research	<p>Basis: Use of a University Affiliate for Specialized Services Medical Services (PRC and serology testing) through the Wayne Health Mobile Units for the Office of Vice President of Research from Wayne Health.</p> <p>Wayne Health is a medical service provider for the Mobile Health Units. They will provide medical services as part of a collaborative program between Quest Diagnostics Foundation, Detroit Association of Black Organization Inc's Sheffield Community Center and Wayne State University. The services to be provided include:</p> <ul style="list-style-type: none"> • SARS-CoV-2 antibody assessment for the past infection/exposure to COVID-19; • Education and interpretation of results and their impact on personal health decisions; • Access to NAAT testing for active SARS-COV-2 for those that develop symptoms or high risk exposures; and • Participation in community surveillance for SARS-CoV-2 using self-collection NAAT kits. <p>The collaboration agreement specified the utilization of the Wayne Health Mobile Units because they have the capacity to offer mobile screening in the city of Detroit. At this time Wayne Health is the only mobile health unit that has the ability to offer the screenings required by the contract.</p>	Phillip Levy - Assistant Vice President for Research, approved by Miriam Dixon

4 / \$ 2,660,046.00

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	F. Bid Waiver not signed off by Procurement. Ordering Dept signed off on contract.		
	0 / \$ 0.00		

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
100	G. OTHER (SEE EXPLANATION) P1029182 Kroger Specialty Pharmacy, Inc. \$ 34,029.68 Grant Funds - Chem/Mtls Science Engg Admin	Basis: Informal Quotes obtained by the Requesting Department Immunosuppression drugs for Chemical Engineering and Material Science Department from Kroger Specialty Pharmacy, Inc. The laboratory in Chemical Engineering and Material Science Department, needs immunosuppression drugs for animal experiments. Kroger is the only supplier who can dispense these limited distribution immunosuppression drugs for animal use under prescription from a licensed veterinarian. The Department contacted a lengthy list of pharmacies, such as Walgreen, CVS, Rite Aid, AllianceRx Specialty Pharmacy, OptumRx Specialty Pharmacy, Value Specialty Pharmacy, etc. They either did not carry the drug or distribute it for animal use. According to the approved protocol by the Institutional Animal Care and Use Committee at WSU, the requested immunosuppression drugs and their quantities is sufficient for the project.	Jeffrey Potoff, department chair for the College of Engineering, approved by Miriam Dixon
101	P1028776 Mikdon Corporation \$ 55,500.00 General Funds - Student Convocation	Basis: Recommended Source for Specialized Catering Services Catering Food Services for Fesifall for the Office of the Dean of Students through Andiamo's DOSO was asked to source alternate catering options as ARAMARK's quote for the above menu was \$90,895.25. Two additional options were solicited for quotes: Leo's Coney Island and Andiamos. Leo's did not have the capacity and declined. Andiamos provided a menu for \$55,500. This quote was reviewed by Provost Kornbluh, Tim Michael, AVP of Auxiliary Services, and David Massaron, CFO. DOSO later received an email from Tim Michael saying a waiver would be granted to use Andiamos. Andiamos is a preferred vendor and has provided catering services for other high profile events such as President's Tailgates, Corporate and Foundation in the President's Box and athletic events. When the Provost saw Andiamos quote, they directed us to use them.	David Strauss, Dean of Students, approved by Kenneth Doherty

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
102	P1028423 Lasalle Group, Inc. \$ 215,000.00 Plant Funds - FP+M Office of Assoc VP	<p>Basis: Informal Quotes obtained by the Requesting Department Sidewalk repair at the Student Center Drive and Ghafari Sidewalk from LaSalle Construction for Facilities Management.</p> <p>Facilities obtained three Quotes for service- two from preferred vendors (Brenca, LaSalle) and one quote from an additional vendor (Paige Construction). The timing of the work is such that it needs to be completed prior to the end of summer, so a formal bid process was not used.</p> <p>Bids are as follows Service Drive: Paige \$348,924 / Brenca \$340,000 / LaSalle \$320,000 Ghafari Walks: Paige not provided / Brenca \$225,000 / LaSalle \$215,000</p> <p>Award based on lowest price.</p>	Robert Davenport, AVP for Facilities Planning & Management, approved by Kenneth Doherty
103	P1028410 Lasalle Group, Inc. \$ 320,000.00 Plant Funds - FP+M Office of Assoc VP	<p>Basis: Informal Quotes obtained by the Requesting Department Sidewalk repair at the Student Center Drive and Ghafari Sidewalk from LaSalle Construction for Facilities Management.</p> <p>Facilities obtained three Quotes for service- two from preferred vendors (Brenca, LaSalle) and one quote from an additional vendor (Paige Construction). The timing of the work is such that it needs to be completed prior to the end of summer, so a formal bid process was not used.</p> <p>Bids are as follows Service Drive: Paige \$348,924 / Brenca \$340,000 / LaSalle \$320,000 Ghafari Walks: Paige not provided / Brenca \$225,000 / LaSalle \$215,000</p> <p>Award based on lowest price.</p>	Robert Davenport, AVP for Facilities Planning & Management, approved by Kenneth Doherty

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
104	P1028210	StudyMaker LLC \$ 25,000.00 Grant Funds - Emergency Medicine	<p data-bbox="657 282 1472 303">Basis: Recommended Source for Specialized IT Platform Services</p> <p data-bbox="657 310 1446 331">Creation of a dashboard for Emergency Medicine from StudyMaker LLC.</p> <p data-bbox="657 370 1776 509">StudyMaker LLC will create a dashboard to enable a streamlined, user-friendly system to produce detailed queries of the RECOVER-CDC database and to create a method to convert the data structure to Parquet format and as needed, an associated application programming interface. StudyMaker offers a proprietary data validation platform not offered by any other company. Further, StudyMaker has experience and special expertise with this project's data set.</p> <p data-bbox="657 542 1745 626">StudyMaker LLC is a vendor able to meet the needs of this grant. They are an established partner that Jeffrey Kline, MD, Emergency Medicine, has worked with on projects like this in the past. Dr. Kline used the vendor's services in his previous research position at Indiana University.</p>	Brian O'Neil, Chair of the Department of Emergency Medicine, approved by Miriam Dixon

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
105	P1027839	Shaw Systems & Integration Inc \$ 49,971.82 Auxiliary Funds - Media Svcs Administration	<p>Basis: Recommended Source for Specialized Equipment Shaw Systems Integration (SSI)- Procurement, configuration, and installation of video surveillance camera encoder hardware, Surveillance cameras, installation and supporting equipment for the Genetec Video Management System migration project.</p> <p>As of June 30 2022, the WSU's Qognify Video Management System (VMS) will reach its end of life, earlier than expected. C&IT and WSUPD have decided to migrate to the Genetec Security Center as the replacement VMS. The work requested of this bid waiver is in preparation for the migration and updates legacy video surveillance locations with Genetec compatible hardware and equipment.</p> <p>Both Shaw and Compass are expertly familiar with WSU's VMS infrastructure. The timing of the Qognify VMS reaching its end of life, the critical life safety importance of video surveillance, and supply shortages leaves WSU with no choice but to divide the work (based on lowest quoted cost) between both Shaw and Compass.</p> <p>SSI has previously installed and maintained the majority of 1700+ cameras on-campus. They are expertly familiar with our infrastructure and follow WSU's standards for communication infrastructure. This purchase is to retrofit existing analog cameras with new encoders.</p> <p>Shaw Systems Integration will procure, configure, and install of video surveillance camera encoder hardware, surveillance cameras and support equipment for the Genetec Video Management System migration project.</p> <p>Encoders for Genetec/ Accurate Camera-R160863959 - \$49,972 Maccabees Camera Renovation for R160814672- \$23,954 Engineering Camera Renovation for R160818499- \$18,673 Bio-Engineering Camera Renovation for R160818791- \$10,100 Knapp Camera Renovation for R160819276- \$ 5,913 Skillman Camera Renovation for R160819492 - \$ 6,597 Freer Camera Renovation for R160820921- \$ 4,075</p>	Robert Thompson, AVP for Computing & Information Technology, approved by Kenneth Doherty

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
106	P1027833	Compass Technology Solutions LLC \$ 75,532.98 Auxiliary Funds - Media Svcs Administration	<p>Basis: Recommended Source for Specialized Equipment Compass Technology Solutions- Procurement, configuration, and installation of video surveillance cameras for Computing & Information Technology from Compass Technology Solutions.</p> <p>As of June 30, 2022, the WSU's Qognify Video Management System (VMS) has reached its end of life, earlier than expected. C&IT and WSUPD have decided to migrate to Genetec Security Center as the replacement VMS. The work requested in this bid waiver is for preparation to the migration and updates to legacy video surveillance locations with Genetec compatible hardware and equipment.</p> <p>C&IT researched both Shaw and Compass who are expertly familiar with WSU's VMS infrastructure. The timing of the Qognify VMS going end of life, the critical life safety importance of video surveillance, and supply shortages leaves WSU with no choice but to divide the work (based on lowest quoted cost) between both Shaw and Compass.</p> <p>Shaw quoted the same work for \$161,432.51. However, Compass has quoted the work at \$138,912.00. Pricing is also currently locked in with Compass to avoid AXIS' 15-25% cost increase on the cameras quoted.</p> <p>Compass has previously installed and maintained cameras on-campus. They are expertly familiar with our infrastructure and follow WSU's standards for communication infrastructure</p> <p>WSUPD CCTV Upgrade for R160862896 \$75,533 RFC Camera & Mounts Renovation for R160822223 \$24,927 RFC Pathway & Cabling Renovation for R160822547 \$24,554 RFC Demo, xray and lift Renovation for R160822711 \$13,898</p> <p>Total cost: \$138,912.00</p>	Robert Thompson, AVP for Computing & Information Technology, approved by Kenneth Doherty

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
107	P1027425 Calhoun County \$ 36,000.00	<p>Basis: Identified within and Requirement of the Grant Implementation of a best practice model of in-jail Medication Assisted Therapies (MAT) program in the Calhoun County jail system for the College of Social Work from Calhoun County.</p> <p>Federal Grant Funds - Nahan, Working in concert with the Center for Behavioral Health and Justice (CBHJ) within the School of Social Work, the Calhoun County Sheriff's Office will start an in-jail medication assisted therapies (MAT) program inside the jail. The MAT program is to address the treatment needs of the opiate involved individuals who are brought and housed in the Calhoun County Jail.</p> <p>Only the Calhoun County Sheriff's Office can implement a MAT program inside of their county jail. The Calhoun County Sheriff's Office is the sole determiner of who and under what circumstances professionals enter and exit the jail facility. The CBHJ is bound to follow the safety and security protocols put in place by the CCSO.</p> <p>The Calhoun County Sheriff's Office is specifically identified by name, statement of work and dollar amount in a sponsored grant/contract.</p>	Mark Kornbluh, Provost, approved by Michael Wright
108	P1027369 H2O Mobile Pressure Washing, Inc. \$ 87,164.00 General Funds - FP&M Facilities Operations	<p>Basis: Informal Quotes obtained by the Requesting Department Exterior window washing for 17 Main & Medical Campus Buildings during the summer of 2022.</p> <p>Service is needed before summer ends and classes begin. Two preferred vendors with established pricing for other Strategic Agreements were asked to provide pricing to clean exterior windows. The low bidder was chosen.</p> <p>FP&M will work with Procurement to issue a multi-year RFP in the spring of 2023 for this service on an ongoing basis.</p>	Robert Davenport - AVP for Facilities Planning & Management, approved by Kenneth Doherty
109	P1027082 Natl. Council for Behavioral Health \$ 52,000.00 Grant Funds - Nursing Dean's Office Admin	<p>Basis: Recommended Source for Specialized Technical Training Services First Aid training program for the College of Nursing (CON) from the National Council for Behavioral Health dba "National Council for Mental Wellbeing."</p> <p>The CON is training 32 faculty, staff, and graduate students to become Mental Health first aid trainers. Publications, identified by the CON, details evidence that supports the effectiveness of the Mental Health aid training.</p> <p>The National Council for Mental Wellbeing is the originator of the Mental Health First Aid training program. The Council holds copyrights to this evidence-based program which makes them the only entity that can legally provide this Train the Trainer program.</p>	Laurie Clabo, Dean of Nursing, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
110	P1027075 Idea Elan LLC \$ 49,250.00 ICR Funds - Funded Project Support	<p data-bbox="657 282 1451 303">Basis: Informal Quotes obtained by the Requesting Department</p> <p data-bbox="657 310 1755 331">Infinity core management software for the Office of the Vice President for Research from Idea Elan.</p> <p data-bbox="657 370 1776 391">Note: The October 2021 PO is issued for \$148,300, but the 4 year contract has a value of \$448,300.</p> <p data-bbox="657 430 1766 597">WSU operates 20 research core facilities. These cores are operated by skilled professionals and provide state of the art technical services to researchers for whom the services would be otherwise unavailable or cost prohibitive. Since the core facilities provide services to researchers funded by federal grants and contracts, research cores are governed by federal regulations designed to protect U.S. financial, safety and research interests. Any software used by the cores must provide the information necessary to comply with these requirements.</p> <p data-bbox="657 636 1751 743">The software allows researchers to schedule work, calculates the bill for the work and performs tracking and billing for the projects. For WSU clients, it transfers the fee from the user index to the core Index. For external users, it allows the use of credit cards, purchase orders, etc. It also generates detailed reports of clients, usage, balance sheets, etc.</p> <p data-bbox="657 782 1780 917">There are two leaders In the core software provider field: Ilab, which was recently acquired by Agilent Technologies, and Infinity (Idea Elan). The University started using Ilab in 2010, when they were the only provider for core software. Since being acquired by Agilent, the quality of service has decreased, there have been numerous technical issues, prices have increased they are not able to provide some of the services that is required.</p> <p data-bbox="657 956 1787 1203">In comparing the services provided by the two companies, many of the standard features in the Infinity software are either not available in the ilab software or are only available as an add-on feature for an additional charge. For instance, the Infinity software is accessible through any electronic device including phones and tablets through Apps provided at no charge. This service is not available in ilab. Another standard service provided by Infinity that is not available through Ilab is encumbrance. Infinity software encumbers the fee when the reservation is made prior to the invoice being generated to ensure that sufficient funds will be available for payment when the job is completed. In ilab, this is a paid add-on and efforts by ilab to implement this functionality at WSU were unsuccessful. This Is an Important consideration for the core directors and core accounting staff</p>	Stephen Lanier, Vice President for Research, approved by Kenneth Doherty

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
111	P1027043 The Conversation US, Inc. \$ 40,000.00 General Funds - University Recognition	<p>Basis: Continuation of Specialized Membership Services with Recommended Source Financial membership for the Office of Marketing and Communications in The Conversation. The Conversation curates an independent source of news from the academic and research community and delivers the content directly to the public.</p> <p>A partnership with this organization will provide unique opportunities to share WSU faculty and research initiatives to a targeted audience for redistribution. A few examples of other member institutions include the University of Michigan, Michigan State University, Georgia State University, Rutgers, and Colorado State University.</p> <p>The Conversation provides access to a targeted audience for publishing WSU content. Their targeted approach ensures content is sourced from university scholars and researchers who have deep expertise in their field of study. The content is disseminated to more than 22,000 sites worldwide with a global reach of 35 million readers a month.</p> <p>The Conversation is a not-for-profit organization. The annual fee allocated to this initiative will provide WSU access to the Conversation’s editorial team; ensure targeted distribution of WSU news/research content and detailed analytics tools to access the impact of the program. The unique target audience distribution is not available through other outlets.</p> <p>Prior POs: P0991980 - 8-11-2021 - \$44,000 P0961311 - 8/17/2020 - \$40,000 P0917722 - 7/08/2019 - \$40,000 P0877574 - 9/05/2018 - \$35,000 P0823000 - 7/13/2017 - \$35,000</p>	Matthew Lockwood, AVP for University Communications, approved by Kenneth Doherty
112	P1026823 VocalBooth.com, Inc. \$ 34,230.00 General Funds - College of Fine & PA Omnibus Fee	<p>Basis: Value Judgment based on Equipment Functionality Stand-alone isolation soundproof booth for the Department of Music from VocalBooth.</p> <p>The booth is needed for a Music Technology recording class. The demand for the class has created the need for an additional recording booth to be purchased and installed in time for the fall semester.</p> <p>The Department of Music considered multiple vendors who can provide similar units such as Wenger Corp., Whisper Room, Studio Bricks and Complete Booths, however the units were much higher in price and not suited for the department's needs. The VocalBooth unit has the best quality, functionality, and lowest price.</p>	Joan Ferguson, Director of Business Affairs, CFPCA, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
113	P1026675 Thomas Roberts Architect, LLC \$ 45,950.00 Plant Funds - FP+M Office of Assoc VP	<p>Basis: Recommended Source for Specialized Architectural Services Professional design services for Facilities Planning and Management from Thomas Roberts Architects.</p> <p>Thomas Roberts Architects will provide construction documents for the Freer House repairs to stone masonry, roof flashings, roofing, chimneys, and interior repairs needed due to water infiltration damage. The services are required to correct the damage done to the interior of the building by storms and leakages. The Freer House is a facility listed on the National Register of Historic Places; therefore, work requires specialized experience and attention to detail, including knowledge of unique historic materials and methods.</p> <p>Thomas Roberts Architects possesses the experience and expertise to provide these unique design services for this project. The firm was also highly recommended by the Freer House Board as a historic preservation architect.</p>	Robert Davenport - AVP for Facilities Planning & Management, approved by Kenneth Doherty
114	P1026171 Airflow Testing Inc \$ 38,200.00 Plant Funds - FP+M Office of Assoc VP	<p>Basis: Informal Quotes obtained by the Requesting Department Air balancing, water balancing, sound, and vibration testing for the vivarium project for Facilities Planning and Management from Airflow Testing, Inc.</p> <p>The vivarium project is nearing completion, and it requires testing and balancing to be completed within the next month, per the specified testing and balancing requirements. Due to the timeline, there is not enough time to complete the bid process and maintain the project's occupancy schedule.</p> <p>A second vendor, Enviro-Aire, was solicited for a quote for the same scope of services, and their quote came in double the cost, \$77,850.</p> <p>The original quotes to complete the work were under the required bid threshold. During the project, the scope increased, which pushed the cost of the services above the threshold.</p>	Robert Davenport, AVP for Facilities Planning & Management, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
115	P1026053 Ascension Medical Group Michigan \$ 75,000.00 Grant Funds - Family Medicine	<p>Basis: Requirement of and Stipulated in the State of Michigan Grant Preceptor services for the School of Medicine, Department of Family Medicine from Ascension Medical Group.</p> <p>Preceptor services for medical resident education will be led by a Program Director and Associate Program Director. The Director's will provide leadership and management services including instruction, evaluation, program development and training of residents for each level of rotation or assignment.</p> <p>Due to the unique nature and scope of services, Ascension Medical Group is the only vendor that can provide this service. Preceptor services for resident education related to Family Medicine which is a very specialized and currently unavailable anywhere else within the local area.</p> <p>The service is funded by the State of Michigan, Medical Resident Education program. During the proposal development stage and prior to award, the Department of Family Medicine identified and agreed on acceptable pricing, if awarded. The contract was reviewed and approved by the State of Michigan.</p> <p>Cost: \$75,000.00</p> <p>Prior POs: P0972983 - 1/05/2021 - \$134,000 P0956868 - 6/22/2020 - \$50,000</p>	Andrew Disbrow, Manager Family Medicine; approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
116	P1025417 Salty Cloud PBC \$ 25,000.00 General Funds - Computing Svcs	<p data-bbox="657 284 1470 303">Basis: Recommended Source for Specialized IT Platform Services</p> <p data-bbox="657 313 1749 362">Cloud-based service for tracking 3rd party vendor security and risk for Computing and Information Technology (C&IT) from Salty Cloud.</p> <p data-bbox="657 402 1501 422">Cost is \$25,000 per year for three years, or \$75,000 for the 3 year contract.</p> <p data-bbox="657 462 1764 568">The SaltyCloud Isora platform is a cloud-based service for tracking third party vendor security and risk. The product will also be used to assess Cybersecurity Maturity Model Certification (CMMC) compliance of university research labs. This is requirement of the US Government to allow grants to be issued from various departments.</p> <p data-bbox="657 609 1764 795">The standard used by HigherEd to evaluate vendor risk is Higher Education Community Vendor Assessment Toolkit (HECVAT). While many companies offer similar products for vendor risk assessment, C&IT only found two that supported the HECVAT framework. Salty Cloud is a commercialize product created by the University of Texas and has a much deeper understand of the HigherEd industry than the competing products. Salty Cloud also allows Wayne State University to collaborate with other Universities while evaluating security risk. Whistic was the only other competing product, but it did not meet C&IT's needs as well as Salty Cloud.</p> <p data-bbox="657 836 1780 915">C&IT has been using the HECVAT framework for several years to evaluate risk, which was done by spreadsheet. The purchase of the tool provides a more efficient way of performing the evaluation and features not available in the spreadsheet tool.</p>	Rob Thompson, AVP for Computing & Information Technology, approved by Miriam Dixon

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
117	P1022920	RuffaloCODY Holdings LLC \$ 121,900.00 General Funds - Office of Scholarships+Fin Aid	<p>Basis: Recommended Source for Specialized Professional Services Financial aid award and net tuition optimization tools, analysis, and consulting support for the Office of Student Financial Aid from Ruffalo Noel Levitz (RNL).</p> <p>RNL is an industry leader in enrollment and financial aid optimization strategy. They will provide financial aid award and net tuition optimization tools, analysis and consulting support including the Advanced FinAid Solutions (AFAS) tool, TrueCost Calculator (TCC) and Personalized FinAid Video award letters and links.</p> <p>A poll was performed of other Michigan public universities and out of state institutions to identify which firms were being used for these services by peer institutions. Many of the institutions have either previously used or are currently using RNL. There are other companies which offer these services including Huron Consulting, EAB Sightlines, Human Capital, and Farrell Day. The Office of Student Financial Aid have used a few of these firms in the past and is not interested in initiating a new relationship with them at this time.</p> <p>Due to time constraints to implement a strategy and support software to be usable for the AY23/24 award process, the Office of Student Financial Aid went directly to RNL. They were the preferred vendor based on the responses and their industry leadership.</p> <p>The cost is \$421,475 (over 3 years).</p>	Ahmad Ezzeddine - Vice President for Academic Student Affairs and Global Engagement, approved by Kenneth Doherty
118	P1021868	Trendex \$ 36,322.00 Auxiliary Funds - Univ Press Book Production+Design	<p>Basis: Recommended Source for Specialized Services Kaufman Speech Praxis Test (KSPT) Kits for the University Press from Trendex.</p> <p>KPST Kits will be produced and assembled for the University Press. The manufacturing of kit materials includes poly-boxes, easel binders, wire-o binding of guides, and complete assembly and packaging of individual boxed kits.</p> <p>The previous vendor, Eckhart & Co., no longer manufacturers the kit components or provide the service needed for this project. Trendex will provide the components needed and they are willing to work closely with the University Press to recreate needed files. In addition, Trendex has demonstrated a far better understanding of the deliverables than other comparable vendors that were asked to quote on the project.</p> <p>Trendex is the only vendor that has demonstrated a clear understanding of the deliverables and have the best schedule and terms for the job. The University Press is confident that Trendex, will be able to manage the job.</p>	Stephanie Williams, Director of University Press, approved by Miriam Dixon

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
119	P1020081	GeoServ, Inc. \$ 31,901.00 General Funds - Shuster, William	<p>Basis: Recommended Source for Specialized Services Assessment of Sewer Pipe Bedding Material for the Department of Civil & Environmental Engineering from GeoServ, Inc.</p> <p>GeoServ, Inc. will examine original bedding material around sewer pipes, by advancing six borings to approximately 20-feet deep along a sewer pipe. Run hydraulic assessments along borings, install two, 2-inch diameter monitoring wells to a depth of 20-feet.</p> <p>Dr. William Shuster has prior experience working with GeoServ in the post-urban context of vacant land in Detroit, and they are the sole provider of HPT (hydraulic profiling tool) soil hydraulic assessment services within a 200-mile radius of the city. The appreciation for project context and deep experience with HPT assessment procedures are critical to achieving project objectives.</p>	Dr. William D. Shuster, Chair for the Department of Civil & Environmental Engineering, approved by Miriam Dixon
120	P1019792	Anthem Executive \$ 130,000.00 General Funds - VP for Research Search	<p>Basis: Recommended Source for Specialized Services Executive Search Services for the Vice President & General Counsel position from Anthem Executives.</p> <p>Antem has performed a number of other key searches on campus, and thus were selected from two proposals submitted directly to the Office of the President. The other company was Harris Search Associates.</p> <p>Prior Searches conducted by Anthem: P1019494 - 5/23/2022 - 110,000.00 - Dean of the College of Education P0975080 - 1/29/2021 - 110,000.00 - Vice President for Finance</p>	Office of the President, approved by Kenneth Doherty
121	P1019065	W W Grainger, Inc. \$ 31,048.59 Plant Funds - Media Svcs Administration	<p>Basis: Informal Quotes obtained by the Requesting Department Hard drive shredder for Computing and Information Technology (C&IT) from Grainger.</p> <p>C&IT is requesting a hard drive shredder (HSM of America Mfr Model # HDS230-1) to securely destroy computing system hard drives to prevent data breeches. Used computing equipment that is considered obsolete by WSU (e-waste) is recycled or re-purposed and provided to underserved members of the community. There will be no money exchanged, these are donations.</p> <p>Wayne State University's agreement with Grainger provides a lower price for this equipment than a direct purchase from the manufacturer along with faster delivery.</p>	Robert Thompson, AVP for Computing & Information Technology, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
122	P1018412 International Business Machines Corporation \$ 78,416.00 Auxiliary Funds - Emergency Medicine	<p>Basis: Continuation of Specialized Services under a new Contract Model. Micromedex Database Software for the Michigan Poison and Drug Information Center from the International Business Machines (IBM). This agreement represents a transfer of service from the Tenet/DMC Poison Center and began at the CHM/DMC).</p> <p>This software is necessary for the Center's daily function and provides up-to-date drug information which is used to respond to calls regarding overdoses, drug interactions, etc. It is regularly updated to respond to changes in the pharmaceutical industry.</p> <p>This is the sole provider of the service, and is governed by the the IBM Cloud Services Order Document which has been signed on 1/11/2022 by Ken Doherty, AVP for Procurement, and by Varun Vohra and David Renaud at IBM.</p> <p>This is a 3 year agreement with total value of \$235,248.00</p>	Brian O'Neil, Chair of the Department of Emergency Medicine, approved by Kenneth Doherty
123	P1017636 Aspen Systems, Inc. \$ 27,725.64 Grant Funds - Civil/Environmental Engg Admin	<p>Basis: Informal Quotes obtained by the Requesting Department Specialized computer hardware for the College of Engineering from Aspen Systems.</p> <p>The College of Engineering uses the computer hardware to handle their high-performance computing needs. High-performance computing (HPC) uses supercomputers and computer clusters to solve advanced computation problems.</p> <p>The College of Engineering solicited quotes for the specialized computer hardware from Dell, Exxact and Aspen Systems. Upon review of the quotes, both Dell and Exxact's bids were higher than Aspen's price for the comparable hardware. Aspen Systems offered the lowest price for the specialized hardware; therefore, they were selected as the vendor for this purchase.</p>	Jeffrey Potoff, department chair for the College of Engineering, approved by Miriam Dixon

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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by								
124	P1027662	Compass Technology Solutions LLC \$ 24,554.06 Auxiliary Funds - Media Svcs Administration	<p>Basis: Recommended Source for Specialized Equipment Compass Technology Solutions- Procurement, configuration, and installation of video surveillance cameras for Computing & Information Technology from Compass Technology Solutions.</p> <p>As of June 30, 2022, the WSU's Qognify Video Management System (VMS) has reached its end of life, earlier than expected. C&IT and WSUPD have decided to migrate to Genetec Security Center as the replacement VMS. The work requested in this bid waiver is for preparation to the migration and updates to legacy video surveillance locations with Genetec compatible hardware and equipment.</p> <p>C&IT researched both Shaw and Compass who are expertly familiar with WSU's VMS infrastructure. The timing of the Qognify VMS going end of life, the critical life safety importance of video surveillance, and supply shortages leaves WSU with no choice but to divide the work (based on lowest quoted cost) between both Shaw and Compass.</p> <p>Shaw quoted the same work for \$161,432.51. However, Compass has quoted the work at \$138,912.00. Pricing is also currently locked in with Compass to avoid AXIS' 15-25% cost increase on the cameras quoted.</p> <p>Compass has previously installed and maintained cameras on-campus. They are expertly familiar with our infrastructure and follow WSU's standards for communication infrastructure</p> <table border="0"> <tr> <td>WSUPD CCTV Upgrade for R160862896</td> <td style="text-align: right;">\$75,533</td> </tr> <tr> <td>RFC Camera & Mounts Renovation for R160822223</td> <td style="text-align: right;">\$24,927</td> </tr> <tr> <td>RFC Pathway & Cabling Renovation for R160822547</td> <td style="text-align: right;">\$24,554</td> </tr> <tr> <td>RFC Demo, xray and lift Renovation for R160822711</td> <td style="text-align: right;">\$13,898</td> </tr> </table> <p>Total cost: \$138,912.00</p>	WSUPD CCTV Upgrade for R160862896	\$75,533	RFC Camera & Mounts Renovation for R160822223	\$24,927	RFC Pathway & Cabling Renovation for R160822547	\$24,554	RFC Demo, xray and lift Renovation for R160822711	\$13,898	Rob Thompson, AVP for Computing & Information Technology, approved by Kenneth Doherty
WSUPD CCTV Upgrade for R160862896	\$75,533											
RFC Camera & Mounts Renovation for R160822223	\$24,927											
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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by								
125	P1027661	Compass Technology Solutions LLC \$ 13,898.13 Auxiliary Funds - Media Svcs Administration	<p>Basis: Recommended Source for Specialized Equipment Compass Technology Solutions- Procurement, configuration, and installation of video surveillance cameras for Computing & Information Technology from Compass Technology Solutions.</p> <p>As of June 30, 2022, the WSU's Qognify Video Management System (VMS) has reached its end of life, earlier than expected. C&IT and WSUPD have decided to migrate to Genetec Security Center as the replacement VMS. The work requested in this bid waiver is for preparation to the migration and updates to legacy video surveillance locations with Genetec compatible hardware and equipment.</p> <p>C&IT researched both Shaw and Compass who are expertly familiar with WSU's VMS infrastructure. The timing of the Qognify VMS going end of life, the critical life safety importance of video surveillance, and supply shortages leaves WSU with no choice but to divide the work (based on lowest quoted cost) between both Shaw and Compass.</p> <p>Shaw quoted the same work for \$161,432.51. However, Compass has quoted the work at \$138,912.00. Pricing is also currently locked in with Compass to avoid AXIS' 15-25% cost increase on the cameras quoted.</p> <p>Compass has previously installed and maintained cameras on-campus. They are expertly familiar with our infrastructure and follow WSU's standards for communication infrastructure</p> <table border="0"> <tr> <td>WSUPD CCTV Upgrade for R160862896</td> <td style="text-align: right;">\$75,533</td> </tr> <tr> <td>RFC Camera & Mounts Renovation for R160822223</td> <td style="text-align: right;">\$24,927</td> </tr> <tr> <td>RFC Pathway & Cabling Renovation for R160822547</td> <td style="text-align: right;">\$24,554</td> </tr> <tr> <td>RFC Demo, xray and lift Renovation for R160822711</td> <td style="text-align: right;">\$13,898</td> </tr> </table> <p>Total cost: \$138,912.00</p>	WSUPD CCTV Upgrade for R160862896	\$75,533	RFC Camera & Mounts Renovation for R160822223	\$24,927	RFC Pathway & Cabling Renovation for R160822547	\$24,554	RFC Demo, xray and lift Renovation for R160822711	\$13,898	Rob Thompson, AVP for Computing & Information Technology, approved by Kenneth Doherty
WSUPD CCTV Upgrade for R160862896	\$75,533											
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No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by								
126	P1027660	Compass Technology Solutions LLC \$ 24,927.01 Auxiliary Funds - Media Svcs Administration	<p>Basis: Recommended Source for Specialized Equipment Compass Technology Solutions- Procurement, configuration, and installation of video surveillance cameras for Computing & Information Technology from Compass Technology Solutions.</p> <p>As of June 30, 2022, the WSU's Qognify Video Management System (VMS) has reached its end of life, earlier than expected. C&IT and WSUPD have decided to migrate to Genetec Security Center as the replacement VMS. The work requested in this bid waiver is for preparation to the migration and updates to legacy video surveillance locations with Genetec compatible hardware and equipment.</p> <p>C&IT researched both Shaw and Compass who are expertly familiar with WSU's VMS infrastructure. The timing of the Qognify VMS going end of life, the critical life safety importance of video surveillance, and supply shortages leaves WSU with no choice but to divide the work (based on lowest quoted cost) between both Shaw and Compass.</p> <p>Shaw quoted the same work for \$161,432.51. However, Compass has quoted the work at \$138,912.00. Pricing is also currently locked in with Compass to avoid AXIS' 15-25% cost increase on the cameras quoted.</p> <p>Compass has previously installed and maintained cameras on-campus. They are expertly familiar with our infrastructure and follow WSU's standards for communication infrastructure</p> <table border="0"> <tr> <td>WSUPD CCTV Upgrade for R160862896</td> <td style="text-align: right;">\$75,533</td> </tr> <tr> <td>RFC Camera & Mounts Renovation for R160822223</td> <td style="text-align: right;">\$24,927</td> </tr> <tr> <td>RFC Pathway & Cabling Renovation for R160822547</td> <td style="text-align: right;">\$24,554</td> </tr> <tr> <td>RFC Demo, xray and lift Renovation for R160822711</td> <td style="text-align: right;">\$13,898</td> </tr> </table> <p>Total cost: \$138,912.00</p>	WSUPD CCTV Upgrade for R160862896	\$75,533	RFC Camera & Mounts Renovation for R160822223	\$24,927	RFC Pathway & Cabling Renovation for R160822547	\$24,554	RFC Demo, xray and lift Renovation for R160822711	\$13,898	Rob Thompson, AVP for Computing & Information Technology, approved by Kenneth Doherty
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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
127	P1028210-A StudyMaker LLC \$ 140,000.00 Grant Funds - Emergency Medicine	<p>Basis: Recommended Source for Specialized IT Platform Services Increase to PO P1028210 for the creation of a dashboard for Emergency Medicine from StudyMaker LLC. The increase is for \$115,000, from \$25,000 to \$140,000.</p> <p>StudyMaker LLC will create a dashboard to enable a streamlined, user-friendly system to produce detailed queries of the RECOVER-CDC database and to create a method to convert the data structure to Parquet format and an associated application programming interface. StudyMaker offers a proprietary data validation platform not offered by any other company. Further, StudyMaker has experience and special expertise with this project's data set.</p> <p>StudyMaker LLC is a vendor able to meet the needs of this grant. They are an established partner that Jeffrey Kline, MD, Emergency Medicine, has worked with on projects like this in the past. Dr. Kline used the vendor's services in his previous research position at Indiana University.</p> <p>Previous PO: P1028210</p>	Jeri Gleichauf, Director of the Department of Emergency Medicine, approved by Miriam Dixon

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
128	P0963293-A Pathogen Control Associates Inc \$ 148,000.00 General Funds - OEHS Administration	<p>Basis: Continuation of Specialized Services with Recommended Source Analysis of water samples for Legionella bacteria as requested by WSU's Water Safety Team to be provided by PathCon Laboratories.</p> <p>This waiver is to amend PO P0963293 to increase it to \$148,000. The prior bid waiver was approved at \$100,000.</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 warranted.</p> <p>Due to variation of analytical methodology and reporting, it is critically important to continue to work with the same lab in order to accurately compare current and previous results. It is critical to work with a lab that analyzes and reports results in a consistent manner.</p> <p>PathCon was selected to provide consultation and lab services as an internationally recognized authority in Legionella detection, analysis and remediation. OEHS is researching other laboratories that are certified to perform Legionella analysis and determining if they possess the capability to maintain the level of analysis. There are no other laboratories that are familiar with our campus including the specific building systems we are testing.</p> <p>Previous PO's: P0896088 01/2019 \$21,750.00 P0891444 12/2018 \$165,000.00 P0865303 06/2018 \$280,501.41</p>	Richard Pearson, Director of the Office of Environmental Health & Safety, approved by Kenneth Doherty

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
129	P1000194-A Parker Technology LLC \$ 34,500.00 Auxiliary Funds - Parking System	<p>Basis: Recommended Source for Specialized Professional Services Change Order to increase the Purchase Order for the call center services needed to cover midnight shift for the 24/7 Parking and Transportation Command Center from Parker Technology LLC. This waiver is to amend PO P1000194 to increase it by \$10,000, from \$24,500 to \$34,500.</p> <p>Parking and Transportation Services is currently paying for 400 calls per month. The continued staffing challenges, as well as an increased number of intercoms calls as more students and employees return to campus, has caused the Command Center to exceed the 400 calls per month thus, increasing expenses.</p> <p>Although there are other companies that provide this service, they are not as specialized as Parker Technology. The Department currently have positions posted to cover the shifts but have not found qualified applicants. In addition, Parker's services are less expensive than staffing expenses.</p>	Jon Frederick - Director of Parking & Transportation, approved by Kenneth Doherty
130	P1000495-A Bloomberg Finance LP \$ 33,014.40 Federal Affairs	<p>Basis: Recommended Source for Specialized IT Platform Services Bloomberg Government (BGOV) Software Licenses for the Office of Government and Community Affairs from Bloomberg Finance.</p> <p>The software license allows the Office of Government and Community Affairs access to news and policy changes, congressional directories, legislative and regulatory tracking, federal bill summaries and access to 35,000 news sources. The software is an excellent source of information and an essential tool in strategic planning for the University.</p> <p>The Office of Government and Community Affairs currently has a 2-year contract with Bloomberg, who provides an excellent level of service. They also offer the best platform and information for the price.</p> <p>Previous PO: P1000495 - \$19,982.00</p> <p>Total Cost: \$33,014.00</p>	Patrick Lindsey, VP Research; approved by Michael Wright

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No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
131	P0996990-A ASSA ABLOY Entrance Systems \$ 26,382.99 Plant Funds - FP+M Office of Assoc VP	<p>Basis: DMC Landlord Requirement Proxy readers and door hardware for Facilities Planning & Management (FP&M) from Assa Abbloy.</p> <p>Assa Abbloy will provide and install proxy readers and accompanying door release to three doors to support integration with the existing card readers at DMC Harper/Hutzel Hospital.</p> <p>Assa Abbloy currently provides door hardware for DMC facilities. Due to DMC's standards, Assa Abbloy is the required vendor and only allowable option for the work.</p> <p>Change Order Request to increase P0996990 from \$21,507.99 to \$26,382.99.</p>	Robert Davenport, AVP for Facilities Planning & Management, approved by Miriam Dixon
132	P1003040-A Abel Electronics Inc \$ 28,000.00 General Funds - Media Svcs Administration	<p>Basis: Recommended Source for Specialized Audio Visual programming services through a preferred supplier Hardware and programming for Computing and Information Technology (C&IT) from Abel Electronics.</p> <p>Abel Electronics provides the University with programming of the classroom Crestron control units that make all the audio-visual equipment work seamlessly for faculty. In the past year, 100 hours have been used to program the equipment, and due to the age of some of the equipment more programming is required. In addition, the only programmer on staff was eliminated in the consolidation. The University will be moving to a new platform, but the legacy equipment requires someone with expertise in Crestron, which Able displayed in the STEM building and for many of the University's schools and colleges.</p> <p>C&IT has worked with two other vendors in Michigan that provide this service, however, their performance was unsatisfactory and there were numerous service complaints. Abel is the lowest cost provider for these services as compared to the two other Michigan providers previously used.</p> <p>PO P1003040 was originally for \$13,500. This COR increases the PO by \$14,500, for a total of \$28,000</p>	Robert Thompson, AVP for Computing & Information Technology, approved by Miriam Dixon
33 / \$ 2,188,418.30			
Total	132 / \$ 12,576,432.94		