Submitted by: David P. Massaron, Chief Business Officer, Chief Financial Officer and Senior Vice President for Finance and Business Operations; Treasurer

PURCHASING EXCEPTIONS

Attached is a summary report of purchase orders (POs) greater than \$25,000 issued in December 2022 and January 2023 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

This report is larger than expected for a two-month period, with a total of 84 entries.

The first 19 items are research-related and are based in whole or in part on the scientific judgment of the appropriate Principal Investigator for a total of \$1.7 million. There were seven Urgent / Emergency POs for this reporting period for \$750,000. There were five POs related to Professional Services POs for \$365,000.

The compatibility section is the largest of this report, with 32 POs for a little over \$3.8 million. There are three POs based on University Affiliates for approximately \$1.2 million, the majority of which is with Wayne Health / UPG. The last section for General Purchasing exceptions has 18 POs for over \$720,000.

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	A. SCIENTI	FIC JUDGMENT (S03,S04)		
1	P1044778	DMT-USA, Inc	Basis: Scientific Judgment based on Equipment Functionality DMT 630MA Automated Multi Myograph System for the Department of Obstetrics and Gynecology	Sharon Pepe, Associate Director of
		\$ 40,325.00	from DMT-USA, Inc.	OB-GYN Administration,
		Grant Funds - Obstetrics/Gynecology	This 4-channel system is used for smooth muscle contractile studies. It allows for the study of the tubular segment's vascular functionality. It also has the ease of automating the normalization procedures for calculations, and pre-load tension can easily be set.	approved by Miriam Dixon
			The DMT 630MA has several unique features, including the ability to analyze vessels in a wide range of sizes (50um to 10mm internal diameter); stainless steel chambers; built-in motors for automated normalization/resting tension; individually controlled bubbling, heating, and vacuum. The Department of Obstetrics and Gynecology also considered the Living system from SCIREQ. Unfortunately, the Living system did not contain all the functionality of the DMT system.	
2	P1044122	Nikon Instruments Inc	Basis: Scientific Judgment based on Equipment Functionality Nikon NiU microscope and Elements software package for the Department of Ophthalmology from	Linda Hazlett, Vice Dean for Research
		\$ 50,508.25	Nikon Instruments.	and Graduate Programs, approved
		Auxiliary Funds - Ophthalmology Visual Anatomical Sci	This advanced research and clinical upright microscope combine superb optics with optional motorized accessories for system expandability and flexibility. It can support a wide range of observations, from clinical examinations to bioscience research that other upright microscopes cannot provide.	by Miriam Dixon
			The Nikon NiU microscope is a proprietary system for visualizing and analyzing tissue specimens. This combination of hardware and software (including the Nikon NiU microscope components, Differential Interference Contrast components, Components for Industry objectives, and Elements software) is only available from Nikon.	

No	PO NUMBEI	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
3	P1042423	Thermo Electron North America LLC \$ 25,879.23	Basis: Scientific Judgment based on Equipment Functionality Thermo Fisher Trace 1610 Gas Chromatograph (GC) for the Department of Chemistry from Thermo Fisher Scientific.	Matthew Allen, Chair of the Chemistry Department, approved by Miriam
		Grant Funds - Chemistry Administration	The Department of Chemistry requests a GC with Thermal Conductivity Detector Split-Seamless Injector and Chameleon software. The instrument is being used to quantify hydrogen evolution to design water-splitting photocatalysts.	Dixon
			The Split/Splitless injector must be user-installable in less than 5 minutes without requiring a field-service engineer or any special tools. It must permit large volume spitless injection (up to 50 microliters) without requiring pressure pulse to quantitatively recover the whole sample, and without any further hardware modification. The injector must be able to operate with capillary and wide bore (50 μ m to 530 μ m internal diameter) columns and packed columns.	
			The technical requirements for the instrument are highly specialized. The Department of Chemistry researched other instruments but found they needed the required features.	
4	P1042372	University of Louisville	Basis: Scientific Judgment based on Specialized Research Supplies Two-dimensional LC-MS-based untargeted metabolomics analysis for the Oncology Department at	Valerie Wade - Associate Director of
		\$ 42,400.00	University of Louisville.	Oncology, approved by Miriam Dixon
		Grant Funds - Oncology	Human serum samples will be collected in a clinical trial by WSU. The samples will be used to generate data for the development of peak detection and identification algorithms and to apply the developed method to real-world data.	
			The University of Louisville has a unique capability to do two-dimensional LC-MS-based untargeted metabolomics analysis, which is not currently available at WSU. They will also collaborate on the project. The University of Louisville was a sub-award of a grant. Still, due to the expensive costs for experiments, they agreed to terminate the subcontract to use the fund for the experiments.	
			Previous PO: P0847139 - 1/17/2018 - \$19,600	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
5	P1042122	DiaSorin Inc	Basis: Scientific Judgment based on Equipment Functionality DiaSorin Molecular Liaison XL analyzer for the Center for Emerging and Infectious Diseases (CEID)	Rana El-Jaroudi, Associate Director,
		\$ 102,500.00	from DiaSorin Molecular, LLC.	Department of Internal Medicine,
		Grant Funds - Internal Medicine	CEID will coordinate research of evidence-based interventions that mitigate the impact of emerging infectious and non-communicable diseases in Detroit and Michigan. CEID's research is aimed at helping the community contain the spread of contagious infectious diseases.	approved by Miriam Dixon
			The Diasorin Molecular analyzer is dependable and can perform a wide range of assays. The analyzer is fully automated and will allow the CEID lab to run multiple instruments at once and improve its efficiency. Also, through negotiations, the price was reduced on reagents and consumables.	
			There are other vendors with similar machines. However, the CEID team has experience with Diasorin analyzers and is familiar with the performance and quality of the assays. The CEID lab currently has a Diasorin Liaison MDX installed in the lab.	
6	P1041646	BWD Associates, LLC	Basis: Scientific Judgment based on Specialized Research Services Scientific consulting services for developing and using logical phi-bits in phase computing for	Nabil Chalhoub - Department Chair at
		\$ 72,000.00	Mechanical Engineering from BWD Associates, LLC.	the College of Engineering,
		Grant Funds - Mechanical Engg Administration	BWD Associates will collaborate with Mechanical Engineering Professor M Arif Hasan, students, and colleagues to develop algorithms and the modeling of acoustic quantum analog systems.	approved by Kenneth Doherty
			Dr. Keith Runge, the owner, and president of BWD Associates is uniquely positioned to consult for this project as one of the principal developers of phase computing and logical phi-bits. He has been a coauthor on all substantial developments in the field and has worked with Professor Hasan and collaborators since the project's inception. The services offered by BWD Associates are unique, and Dr. Runge is more knowledgeable and experienced in the field than any other provider.	

December 2022 - January 2023

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
7	P1041423	SomaLogic Operating Co.,	Basis: Scientific Judgment based on Specialized Research Services	Stanley Berry, Chair
		Inc.	SomaScan v4.1 Discovery Services for the Perinatology Research Branch (PRB) from SomaLogic.	of the Perinatology Research Branch,
		\$ 112,000.00	The Bioinformatics and Computational Biology, Maternal-Fetal Immunobiology, and Biomarkers Units of the PRB aim to measure the human proteome in samples to 1) allow validation of blood-based	approved by Miriam Dixon
		Grant Funds - Perinatal	prediction models of obstetrical disease that are currently being developed from existing data, and 2)	
		Research Branch	enable discovery of additional biomarkers by expanding the existing datasets. Moreover, additional	
			studies using amniotic fluid, cervical fluid, and vaginal fluid samples will be performed to predict obstetrical disease.	
			SomaLogic's services involve proteomic measurement in 160 samples collected from pregnant	
			women. SomaLogic will use the biological fluid to measure the abundance of 7,288 proteomic targets. PRB has previously used SomaLogic, and there is currently an agreement in place. The Units have	
			ongoing studies utilizing the SomaScan Discovery Platform. Therefore, PRB requires continued use	
			of these services to maintain experimental consistency.	
			Previous POs:	
			P1037127 - 11/07/2022 - \$35,000.00	
			P1032954 - 10/03/2022 - \$634,400.00	
			P1029204 - 08/29/2022 - \$140,000.00	
			P1027845 - 08/15/2022 - \$36,400.00 P1024602 - 07/14/2022 - \$11,200.00	
			P1021944 - 06/16/2022 - \$44,100.00	
			P1004752 - 12/15/2021 - \$292,000.00	

P1001916 - 11/12/2021 - \$247,800.00 P0979623 - 03/21/2021 - \$774,400.00 P0732097 - 08/04/2015 - \$794,200.00 P0699184 - 11/10/2014 - \$1,029,800.00 P0672834 - 04/25/2014 - \$750,000.00

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
8	P1041075	Keysight Technologies, Inc.	Basis: Scientific Judgment based on Equipment Functionality SB15001 Semiconductor Device Analyzer for the Electrical and Computer Engineering (ECE)	Mohammed Elnaggar,
		\$ 66,917.10	Department from Keysight Technologies.	Department Chair of Electrical &
		General Funds - Tutuncuoglu, Gozde	This equipment is a semiconductor parameter analyzer capable of conducting low-voltage measurements that are critical for ECE's research. Semiconductor parameter analyzers used in electronic device characterization are mainly manufactured by Keysight and Keithley. Quotes and academic support program information were requested from both companies. Keysight offers a lower price and has an academic support program that will enable the lab to use this equipment for free for one year. Should the ECE Department decide to purchase this equipment after the one-year trial program, the Purchase Order will be invoiced and paid.	Computer Engineering, approved by Miriam Dixon
9	P1040803	Roche Diagnostics Corporation	Basis: Scientific Judgment based on Equipment Functionality Roche Cobas 6800 laboratory analyzer for the Center for Emerging Infectious Diseases (CEID) from Roche Diagnostics.	Rana El-Jaroudi, Associate Director, Department of
		\$ 350,000.00	The clinical laboratory analyzer has a continuous and random-access feature for routine chemistries,	Internal Medicine, approved by
	Grant Funds - Internal Medicine		specific proteins, electrolytes, hormones, therapeutic drugs, and drugs of abuse. The analyzer provides high-quality testing solutions with polymerase chain reaction (PCR) technology. It has many positive features including no daily maintenance, 8 hours of walkaway time, ready use reagents, on-board reagent refrigeration, pre-calibrated reagents, leading sample capacity, up to three aliquots from a single sample, and multiplex testing.	Kenneth Doherty
			Dr. Salimnia has several years of experience with the analyzer. He knows the reliability of the analyzer, wide range of assays that can be performed, as well as the service provided by the vendor. Dr. Salimnia is familiar with the vendor from his work at the Detroit Medical Center where this company has provided high quality service for many years. He believes there is no value in approaching a company that the CEID team does not have experience with and does not know the performance of the analyzer or quality of their assays.	
			The analyzer will be covered by the State of MI Sapphire Grant. Index 370861 (23T5C1).	

December 2022 - January 2023

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
10	P1040802	Bio-Rad Laboratories \$ 25,301.00 Grant Funds - Physiology	Basis: Scientific Judgment based on Equipment Functionality CFX Opus 96 Real-Time PCR Instrument for the Department of Physiology from Bio-Rad Laboratories. The CFX Opus 96 Real-Time PCR instrument is a 96-well, 5-color plus FRET, the network-connected real-time PCR detection system that includes CFX Opus 96 base unit cables. It can analyze 96-wells and has Cloud connectivity, which operates CFX Opus on the BR.io cloud platform or with desktop CFX Maestro Software. The CFX Opus 96 Real-Time PCR instrument will replace an outdated instrument made by Bio-Rad currently used in the lab. The new instrument has a similar operating system making it easier to set up the equipment and operate it. The outdated instrument was inherited from a previous owner	Joseph Dunbar, Chair of the Physiology Department, approved by Miriam Dixon
11	P1040069	StemCell TechnologiesInc \$ 59,034.40 Auxiliary Funds - KCI Service Centers	Basis: Scientific Judgment based on Equipment Functionality Fully automated cell isolation robot for the Department of Oncology from StemCell Technologies. This robot processes whole blood to isolate viable cells based on their immune phenotype. RoboSepes S performs all steps necessary to magnetically label and separate virtually any cell type by positive or negative selection. The only other mechanism to do this is to process the cells manually. The Department of Oncology obtains blood specimens every day throughout the day. The department often needs to know when the specimens may arrive. Due to the unknown arrival time, the department is unable to "schedule" equipment usage by another core, such as the flow	Evano Piasentin, Associate Center Director, Research Administration, KCI, approved by Miriam Dixon

The Department of Oncology obtains blood specimens every day throughout the day. The department often needs to know when the specimens may arrive. Due to the unknown arrival time, the department is unable to "schedule" equipment usage by another core, such as the flow cytometry core, which may be able to do some of the isolations required. The robot will allow the team to perform the isolations on demand and only significantly reduce the time to store the cells safely. The robot will also boost the hematology collection of specimens in the Biobanking and Correlative Sciences Core, BCS Core biobank at Karmanos Cancer Institute.

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
12	P1039838	Illumina, Inc. \$ 59,366.11	Basis: Scientific Judgment based on Specialized Research Supplies llumina MethylationEPIC Bead Chips for the Oncology Department from Illumina, Inc.	Ann Schwartz - Deputy Director for Oncology, approved
		Federal Grant Funds - Oncology	The Illumina MethylationEPIC beadchips will be used to measure methylation profiles across the genome using DNA from 168 colorectal tumors to help define molecular subtypes of colorectal cancer in conjunction with somatic mutation data. Also, to characterize global differences in hyper- and hypomethylated sites across the genome.	by Miriam Dixon
			Illumina is currently the only manufacturer of genome-wide methylation profiling platforms. Genome-wide methylation chips are a much more cost-effective approach than methylation assessment of individual sites, and the genome-wide approach is necessary to complete the aims of the funded proposal for the Racial Disparities grant.	
13	\$ 27,300.00 The PRB, National Institute of Child Health and Human Development/Nation Grant Funds - Perinatal Research Branch Research Bran	•	Basis: Scientific Judgment based on Equipment Functionality Imaging Mass Cytometry (IMC) Service for the Perinatology Research Branch (PRB) from Sirona Dx.	Stanley Berry, Chair of the Perinatology
		The PRB, National Institute of Child Health and Human Development/National Institute of Health/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 IMC service. The vendor must be able to perform end-to-end services with pathologist oversight.	Research Branch, approved by Michael Wright	
			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 like the traditional immunohistochemistry (IHC) in that all antibodies included are in a single cocktail.	
			Sirona Dx is experienced and provides a comprehensive end-to-end service: assay design, verification, and optimization; slide staining; IMC laser ablation; image acquisition; and bioinformatics analysis. There is no known competitive market for IMC services that meet PRB's requirements.	
			There are no previous POs associated with this requisition.	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
14	P1039779	Agilent Technologies, Inc. \$ 259,996.33	Basis: Scientific Judgment based on Equipment Functionality Cytation 5 Cell Imaging Multimode Reader for the Department of Anatomy from Agilent Technologies.	Linda Hazlett, Vice Dean for Research and Graduate
		Federal Grant Funds - Ophthalmology Visual Anatomical Sci	Cytation 5 combines automated microscopy and conventional microplate detection in a configurable, upgradeable platform. The variable bandwidth quad monochromator optics enhance assay performance, including increased sensitivity and lower limits of detection which is required for the research being performed in the lab. In addition, the fully automated microscopy tasks, from slide scanning to time-lapse live cell assays, and flexible hardware will increase productivity and reduce the now-required manual labor.	Programs, approved by Kenneth Doherty
			This instrument, with these specific features, is only available from Agilent Technologies.	
15	P1039763	ActiGraph LLC \$ 64,585.30 Federal Grant Funds - Pediatrics	Basis: Scientific Judgment based on Equipment Functionality Medical grade GT9X link devices and software for the Department of Pediatrics from Actigraph. 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 ages 6 to 18 can only be captured by this FDA approved research device. ActiGraph	Herman Gray - Chair of Pediatrics, approved by Miriam Dixon
		redictres	is the sole provider of GT9X link devices and CentrePoint software. Actigraph is also the gold standard for collecting and processing actigraphy data.	
			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 be used, but the research data needed could not be obtained on participants aged 6 to 12 years old and the study required data on children 6 to 18.	
			No other device provided the level of detail required for this research project.	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
16	P1039647	P1039647 Retro Viral Foundation Basis: Identified within and Requirement of the Grant Salary Reimbursement for the department of Internal Medicine/Infectious Disease from the Retro Viral Foundation. RVF Staff is to provide medical care and treatment for the Adult HIV/AIDS Program. The staff for this project consists of one Physician's Assistant, Victor Harrell. The Department of Internal Medicine/Infectious Disease wants to ensure continuity of care for the patients receiving medical cand treatment. Also, the staffing for the project is listed and outlined in the approved grant application and fully executed contract.	Salary Reimbursement for the department of Internal Medicine/Infectious Disease from the Retro	Zvjezdana Martella Grant & Contract Administrator, approved by
			Kenneth Doherty	
			No other options were considered. The grant funds are earmarked for the staff working at the Retro Viral Foundation dba Sinai Grace Specialty Care. Both the Retro Viral Foundation and the service are identified by name, statement of work, and dollar amount in a sponsored grant or contract in a part of Ryan White Part D Sinai.	
			Internal Medicine does not wish to change medical providers yearly, nor do they believe it would provide continuity of care in the best interest of its patients.	
			Prior PO for the Retro Viral Foundation for another grant project: P0994139 - Sep. 1, 2021 - \$208,843.31	
17	P1039608	Rehabilitation Institute of Michigan	Basis: Recommended Source for Specialized Research Services Neurological Physical Therapy assessment services for the Health Care Science Department from the Rehabilitation Institute of Michigan (RIM).	Diane Adamo, Interim Chair for Occupational
	, , , , , , , , , , , , , , , , , , , ,	RIM will provide physical therapists to deliver study intervention to all study participants of a 3-year randomized controlled trial examining backward walking vs. forward walking training in Multiple Sclerosis.	Therapy at Pharmacy & Health Sciences, approved by Miriam Dixon	
			The Grant (25V1Y-NMSS RG-2111-38718 Train-BW) requires certified and qualified personnel licensed in the State of Michigan with expertise in providing neurological physical therapy assessment and treatment services. RIM is a local hospital that provides all these services.	
			Other neurologic physical therapist can provide these services; however, given a recent agreement between WSU and RIM to foster a mentorship in research, this is a good opportunity to expose RIM physical therapists to clinical research. The physical therapist educators in the WSU Physical Therapy program do not have the time to provide these services along with their other teaching and research duties.	
			There are no prior POs associated with this project	

No	PO NUMBE	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
18	P1039551	Fluxion Biosciences Inc	Basis: Scientific Judgment based on Equipment Functionality BioFfux 200 upgrade to BioFlux 1000Z for the Department of Surgery from Fluxion	Donald Weaver, Professor and Chair
		\$ 136,456.40	Biosciences, leasing through General Funding Corporation.	of SOM Surgery, approved by
		Federal Grant Funds - Surgery	The BioFlux 1000Z offer nearly unlimited flexibility with respect to microscope options, software analysis and image capture. It provides a high content screening platform for running physiologically relevant shear flow assays. This system will upgrade the current BioFlux 200 that was purchased in 2016 from Fluxion Biosciences. In order for the upgrade to be compatible with the existing equipment, it needs to be completed by	Kenneth Doherty
			the same company that the original equipment was purchased.	
			Original PO:	
			P0785462 - 09/2016 - \$33,722.80	
			Total Cost of Upgrade: \$136,456.40 from the Manufacturer	
			Four-Year Financing through General Funding: 48 months @\$3,189/ Month with \$1 buyout at the end of lease; Lease Rate: 5.75% Total Cost with Financing: \$153,073.00	

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
19	P1044304	DaVinci Education Inc.	Basis: Informal Quotes obtained by the Requesting Department Software system to support the development of a curriculum inventory and map, as well as all facul	Robert Folberg -
		\$ 101,365.00	(clinical and basic science) contributions to teaching for the School of Medicine, SOM, from DaVinci Education.	School of Medicine, approved by
	General Funds - Medicine		Kenneth Doherty	
		Omnibus Awards	Multiple systems were reviewed by stakeholders and technical teams, including C&IT, and the vendor identified was deemed most compatible with the business needs and technical requirements. There is an urgent need to acquire and implement a system to support the production of a curriculum inventory and searchable curriculum map as part of the School of Medicine accreditation process in 2023. The SOM needs evidence of having a system in place and in use prior to the site visit. There is only time for one more curriculum inventory submission (2022) to demonstrate the CI prior to the 2023 LCME visit.	
			Other ontions considered include Altus/One45, Oasis, and New Innovations, Currently, New	

Other options considered include Altus/One45, Oasis, and New Innovations. Currently, New Innovations has used in the School of Medicine Clerkship curriculum for acquiring evaluations and grades. It has proved inadequate to produce a curriculum inventory and has no capacity to provide a curriculum map or meet any other data collection or data analysis needs. As confirmed by the vendor, this system was not designed to produce a curriculum inventory, searchable curriculum map, or produce any other data to meet LCME accreditation requirements.

Oasis was another system that was reviewed. It provided the limited capacity to aggregate and analyze complex data sets. It did not provide student-facing information or analytics. Data acquisition was via flat file transfers and the user interface was awkward to navigate. Altus/One45 has functionality similar to the preferred system. However, the technical evaluation from C&IT suggested that interfacing with the system would be more complex; and it also requires moving between systems for data analysis and dashboard functions. The cost for this system is somewhat higher than the preferred system.

Two other systems were also included in the initial review process (iSeek and ProgressIQ) but were excluded early on as they required more personnel and technical resources than are available within the School and/or had limited functionality as compared to the Altus/One45 or DaVinci Leo systems.

19 / \$ 1,713,577.92

December 2022 - January 2023

No	PO NUMBEI	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	B. EXECUTI	VE OFFICER WAIVER FOR P	ROFESSIONAL SERVICES (S23)	
20	P1044784	Inc.	Basis: Identified within and Requirement of the Grant Professional Services for the School of Social Work Center for Behavioral Health and Justice (CBHJ) from Consensus Building Institute (CBI).	Mark Kornbluh, Provost, approved by Michael Wright
		\$ 165,600.00 Federal Grant Funds - Larson, Matthew ICR	CBI will provide impartial facilitation of five committees to be formed as part of the CBHJ's Data Integration project. CBI will seek to ensure that the stakeholders are able to make progress on their goals and deliverables while clarifying and respecting differences in interests, perspectives, and capacities. Along with the deliverables, CBI will also help build and sustain positive working relationships among participants.	
			CBI was engaged in the first phase of this effort under contract to the Hudson-Webber Foundation and the Michigan Justice Fund (MJF), to provide impartial facilitation to the statewide Data Convening. MJF and Community Foundation for Southeast Michigan are funding the second phase of the project and will commit sufficient funds for the CBHJ to engage CBI as the facilitators of the project. The need for impartial facilitation provided by a firm outside of Michigan is imperative to	

and impartial facilitation.

CBI is specifically identified by name and dollar amount in the Data Integration project funded by the MJF.

accomplish the goals of this project's next phase The project necessarily discusses various aspects of data sharing and implementation details that can be contentious and therefore require expert

Approved by

Mark Kornbluh, Provost, approved by Michael Wright

	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	4
21	P1044761	TBD Solutions LLC \$ 25,960.00	Basis: Continuation of Specialized Services with Recommended Source Professional Services for the Center for Behavioral Health and Justice (CBHJ) within the School of Social Work from TBD Solutions (TBDS).	F
		Grant Funds - Larson, Matthew ICR	TBDS will support three projects for CBHJ: the data dashboard, Justice & Intellectual Property (ICJIP), and an Assisted Outpatient Treatment (AOT) Toolkit. TBDS will support the data dashboard by incorporating new data variables into app; assisting with database and ETL processes; update user interface of CBHJ data application; and manage hosting in the cloud. The ICJIP will be supported by updating existing Medicaid report; the execution of policy-focused work to lead the development of high-risk flag and removal of barrier to uptake. Lastly, TBDS will support AOT Toolkit by continuing to serve as a contributor and consultant to develop two sections of toolkit being developed by CBHJ for the Mental Health Diversion Council including research and development of materials, community of practice meetings, trainings, and attending meetings.	
			The CBHJ has partnered with TBDS for the provision of the data dashboard since 2020 on behalf of Michigan Department of Health & Human Services (MDHHS). Since 2020 MDHHS has requested the continued participation of TBDS in the execution of the ICJIP project based on their expertise in Medicaid policy and navigation of state-level systems. Finally, the CBHJ invited TBDS to support the AOT project in 2022 based on their proven ability to develop relationships and document processes with challenging community partners.	
			TBD Solutions specializes in crisis services, healthcare integration, and analytics in Michigan. In addition, TBD Solutions has been identified as the contractor of choice for this work by MDHHS, the CBHJ's funder for these projects.	
			Previous POs: P1022304 - 06/2022 - \$7,380.00 P1016253 - 04/2022 - \$15,000.00 P1004333 - 12/2021 - \$30,000.00 P0995910 - 09/2021 - \$30,000.00	

Approved by

Mark Kornbluh, Provost, approved by Michael Wright

	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	1
22	P1044761	TBD Solutions LLC	Basis: Continuation of Specialized Services with Recommended Source Professional Services for the Center for Behavioral Health and Justice (CBHJ) within the School of	ľ
		\$ 28,320.00	Social Work from TBD Solutions (TBDS).	ł
		Grant Funds - Larson, Matthew ICR	TBDS will support three projects for CBHJ: the data dashboard, Justice & Intellectual Property (ICJIP), and an Assisted Outpatient Treatment (AOT) Toolkit. TBDS will support the data dashboard by incorporating new data variables into app; assisting with database and ETL processes; update user interface of CBHJ data application; and manage hosting in the cloud. The ICJIP will be supported by updating existing Medicaid report; the execution of policy-focused work to lead the development of high-risk flag and removal of barrier to uptake. Lastly, TBDS will support AOT Toolkit by continuing to serve as a contributor and consultant to develop two sections of toolkit being developed by CBHJ for the Mental Health Diversion Council including research and development of materials, community of practice meetings, trainings, and attending meetings.	
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			Previous POs: P1022304 - 06/2022 - \$7,380.00 P1016253 - 04/2022 - \$15,000.00 P1004333 - 12/2021 - \$30,000.00 P0995910 - 09/2021 - \$30,000.00	

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
23	P1041905	Alex Damarjian	Basis: Recommended Source for Specialized Professional Services	Jennifer Ballard-
		\$ 99,000.00	Design and Programming Services for the Psychiatry Department from Alex Damarjian.	Traynor - Director for Psychiatry and
		Grant Funds - Psychiatry	This contract is to design, and program augmented reality human encounter scenarios. Avatar Characters will be programmed into MS Holden devices for the Michigan Department of Health and Human Services Frontline Strong Together grant to treat Post-Traumatic Stress Disorder and help Michigan first responders (police, fire, EMT, dispatch and correction officers) and their families.	Behavioral Neurosciences, approved by Michael Wright
			This is a complex software program that requires high-level expertise and experience in the field. Alex Damarjian has years of game and simulation development experience. He is a Ph.D. and Assistant Professor in the Department of Computer Graphics at Purdue University. He is also a certified math and computer science teacher for the Chicago Public Schools. Mr. Damarjian is qualified to provide these services to the University.	
			Previous PO: P1024539 - \$50,000	

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
24	P1041648	TBD Solutions LLC	Basis: Continuation of Specialized Services with Recommended Source Professional Services for the Center for Behavioral Health and Justice (CBHJ) within the School of	Mark Kornbluh, Provost, approved
		\$ 46,620.00	Social Work from TBD Solutions (TBDS).	by Michael Wright
		Grant Funds - Larson, Matthew ICR	TBDS will support three projects for CBHJ: the data dashboard, Justice & Intellectual Property (ICJIP), and an Assisted Outpatient Treatment (AOT) Toolkit. TBDS will support the data dashboard by incorporating new data variables into the app; assisting with database and ETL process updating user interface of CBHJ data application; and manage hosting in the cloud. The ICJIP will be supported by updating the existing Medicaid report, the executing of policy-focused work to lead the development of high-risk flags and removal of a barrier to uptake. Lastly, TBDS will support AOT Toolkit by continuing to serve as a contributor and consultant to develop two sections of the toolkit being developed by CBHJ for the Mental Health Diversion Council including research and development of materials, a community of practice meetings, trainings, and attending meetings. The CBHJ has partnered with TBDS for the provision of the data dashboard since 2020 on behalf of Michigan Department of Health & Human Services (MDHHS). Since 2020 MDHHS has requested the continued participation of TBDS in the execution of the ICJIP project based on their expertise in Medicaid policy and navigation of state-level systems. Finally, the CBHJ invited TBDS to support the AOT project in 2022 based on their proven ability to develop relationships and document processes with challenging community partners. TBD Solutions specializes in crisis services, healthcare integration, and analytics in Michigan. In addition, TBD Solutions has been identified as the contractor of choice for this work by MDHHS, the CBHJ's funder for these projects. Previous POs: Previous POs: Previous POs: Previous POs: Provious POs: P	
			P0995910 - 09/2021 - \$30,000.00	

5 / \$ 365,500.00

C. URGENT OR EMERGENCY REQUIREMENT (S06)

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
25	P1042820	Fairview Construction Services LLC \$ 386,862.01 Grant Funds - Perinatal Research Branch	Basis: Urgent or Emergency Services Construction services to disconnect utilities for Perinatology Research Branch (PRB) from Fairview Construction Services, LLC. The lease for PRB will expire on January 23, 2023. Utilities located on the 4th floor of the Detroit Medical Center must be relocated, removed, or disposed of prior to the lease expiration date. The utilities include biosafety cabinets, fume hoods, and lab equipment; additionally, there will be a removal and disposal of 7 fume hoods. Furniture will be moved to a location determined by WSU. The move includes 1600 tote boxes and 30 dish packs. There will be 5-6 days of packing and 12 days of moving with a 12 -16-man crew. Once the move is complete, FCS will remove and dispose of the contents not removed by the movers. FSC will coordinate the move and have full-time supervision onsite throughout the project.	
26	P1041432	Sewer and Water Specialist Inc \$ 37,375.00 Plant Funds - FP+M Office of Assoc VP	Basis: Urgent or Emergency Services Emergency Repair to the South-East wall of the Cohn Building for Facilities Planning & Management (FPM) by Sewer and Water Specialist, Inc. Sewer and Water Specialist will supply all labor and material to complete the waterproofing of the wall in the Cohn Bldg. The Cohn building has been experiencing water infiltration in this general area over the last several weather events resulting in extensive damage to the building. This repair is urgent and requires repair as soon as possible. Sewer and Water is available to do the work over the holiday break.	Robert Davenport, AVP for Facilities Planning & Management, approved by Miriam Dixon
27	P1040400	Shambaugh & Son \$ 72,687.47 Plant Funds - FP+M Office of Assoc VP	Basis: Urgent or Emergency Services Repair to underground Sprinkler Loop for Facilities Planning and Management (FPM) from Shambaugh & Sons. An unexpected water main break on the Wayne State University Campus has interrupted the sprinkler loop services at the Matthaei Building. Due to the emergency nature of the repair, no other quotes were requested. Shambaugh & Sons are currently one of the strategic partners for fire suppression.	Robert Davenport, AVP for Facilities Planning & Management, approved by Miriam Dixon

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
28	P1040131	Johnson Controls, Inc.	Basis: Urgent or Emergency Services Replacement of existing rooftop units (RTU's) for Facilities Planning and Management (FPM) from	Robert Davenport, AVP for Facilities
		\$ 75,250.00	Johnson Controls (JCI).	Planning & Management,
		General Funds - FP+M Desigr & Contracted Svcs	r FPM is replacing the existing 10-ton RTU's with new 10-ton York single-packaged R-410A units. The existing units at the Stadium Auxiliary Building are currently not working. Since it is into the heating season, replacement units are needed as soon as possible.	approved by Miriam
			JCI can provide new units in a 6–8-week lead time, which is three to four times faster than the current industry standard lead time of 20-30 weeks. FPM reached out to Trane and validated the current market pricing and industry lead times.	
			Previous POs: P1027187 - 8/2022 - \$10,000,000.00 P1015534 - 4/2022 - \$290,798.00	
			P1015535 - 4/2022 - \$274,415.00 P1013367 - 3/2022 - \$850,000.00 P0980155 - 3/2021 - \$219,500.00	
29	P1040063	Tower Service & Maintenance	Basis: Urgent or Emergency Services	Robert Davenport,
		LLC	Cooling tower work at the Law Library, 5057 Woodward, and the Physics Building for Facilities Planning and Management (FPM) from Tower Supply and Service.	AVP for Facilities Planning &
		\$ 68,745.00	The cooling tower at Law Library is a 2-cell cooling tower with a common (cold water) sump. The	Management, approved by
		Plant Funds - FP+M Office of Assoc VP		
			There is excessive corrosion on fan boxes and lower basin sump area of the tower at 5057 Woodward that require repair and replacement of the cold-water basin of the cooling tower and replace the deteriorated fill media inside the tower. \$62,845	
			The cooling tower at the Physics Building requires the installation of a basin sweeper package, include a centrifugal separator package that is skid mounted with control panel, pump and separator. \$68,745	
			Tower Service and Supply has the experience & resources to perform a repair on the existing cooling tower which extends its useful life.	
			FP&M is planning to work with Procurement to formally bid cooling tower repairs with an RFP for Service.	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
30	P1040053	Tower Service & Maintenance LLC	Same as above	Robert Davenport, AVP for Facilities Planning &
		\$ 46,145.00		Management, approved by
		Plant Funds - FP+M Office of Assoc VP		Kenneth Doherty
31	P1040049	Tower Service & Maintenance LLC	Same as above	Robert Davenport, AVP for Facilities Planning &
		\$ 62,845.00		Management, approved by
		Plant Funds - FP+M Office of Assoc VP		Kenneth Doherty
		7 / \$ 749,909.48		
			PURCHASED EQUIPMENT OR SERVICES	
32	P1044781	Plagix LLC	Basis: Compatible with Existing Computing Software Enterprise Subscription software for Computing & Information Technology (C&IT) from Plagix, LLC.	Rob Thompson, AVP for Computing &
		\$ 34,210.50	Unicheck software is deeply embedded into Canvas and used in over 60% of courses. This software	Information is Technology.
		General Funds - C&ITEduc Tech Srv Admin (ETS)	for similarity detection and plagiarism prevention. It is used to protect academic integrity by identifying instances of plagiarism in student assignments. Plagiarism detection is crucial to academic integrity. The Unicheck software is integrated through the "Canvas Plagiarism Framework", an advanced Learning Tools Interoperability with the University's Canvas Learning Management System software.	approved by Miriam Dixon
			There are several vendors to consider for this type of software. However, the most recent C&IT analysis of such software proved that there were no options which matched Unicheck's price.	
			Previous POs: P0992585 - 08/18/2021 - \$30,144.93 P0965819 - 10/05/2020 - \$30,240.56 P0932865 - 10/23/2019 - \$30,459.79	
			P0879388 - 09/17/2018 - \$13,200.00	

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
33	P1044258	Access Interactive LLC	Basis: Compatible with Existing Computing Infrastructure VMware software support and software upgrades (SNS) and subscriptions for Computing &	Rob Thompson, AVP for Computing &
		\$ 319,671.00	Information Technology (C&IT) from VMware.	Information Technology,
		General Funds - Dir Computing Center Services	The SNS and subscriptions provides vendor support, bug fixes, security fixes, and major upgrades to the suite of VMware software. The VMware software provides WSU with the hypervisor that allows virtualization of Windows and Linux servers on shared physical servers. It also provides virtual desktops used by students, faculty, and staff. Finally, some VMware software titles provide the operational management of these virtualized environments. C&IT is consolidating VMware SNS maintenance through a single Value-Added Reseller (VAR), which will aid in the ability to simplify support activities and gain enhanced support by engaging both the VAR and manufacturer. VMware is the only known vendor who can provide this support to their software products.	writy fixes, and major upgrades to approved by with the hypervisor that allows wers. It also provides virtual re software titles provide the allue-Added Reseller (VAR), which ed support by engaging both the
			WSU has over 11 years of investment in the suite of VMware products. C&IT hosts over 750 virtual servers using this software including all major production systems. Many of the products are perpetual licenses and without support, would become obsolete and/or a have major security threat.	
			Previous PO's: P0785273 - 2016 - \$120,020.00 P0972703 - 2020 - \$56,664.00 P1000542 - 2021 - \$237,648.00	

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
34	P1044257	Access Interactive LLC	Basis: Compatible with Existing Computing Infrastructure VMware software support and software upgrades (SNS) and subscriptions for Computing &	Rob Thompson, AVP for Computing &
		\$ 453,224.00	Information Technology (C&IT) from VMware.	Information Technology,
	General Funds - Dir Computing Center Services	The SNS and subscriptions provides vendor support, bug fixes, security fixes, and major upgrades to the suite of VMware software. The VMware software provides WSU with the hypervisor that allows virtualization of Windows and Linux servers on shared physical servers. It also provides virtual desktops used by students, faculty, and staff. Finally, some VMware software titles provide the operational management of these virtualized environments.	approved by Kenneth Doherty	
			C&IT is consolidating VMware SNS maintenance through a single Value-Added Reseller (VAR), which will aid in the ability to simplify support activities and gain enhanced support by engaging both the VAR and manufacturer. VMware is the only known vendor who can provide this support to their software products.	
			WSU has over 11 years of investment in the suite of VMware products. C&IT hosts over 750 virtual servers using this software including all major production systems. Many of the products are perpetual licenses and without support, would become obsolete and/or a have major security threat.	
			Previous PO's: P0785273 - 2016 - \$120,020.00 P0972703 - 2020 - \$56,664.00 P1000542 - 2021 - \$237,648.00	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
35	P1043909	Ulliance Inc	Basis: Continuation of Specialized Services with Recommended Source Professional Services for the Wellness Warriors Program and Employee Assistance Program (EAP) for	Carolyn Hafner, AVP for Human
		\$ 433,758.80	Human Resources from Ulliance.	Resources, approved by David Massaron
		General Funds - Office AVP for Human Resources	The Wellness Warriors and EAP services include the administration of the programs, training, seminars, and coaching. WSU has had an ongoing relationship with Ulliance for these programs for several years. It is important to maintain continuity for the benefit of the university employees. Ulliance has provided favorable pricing over the years with zero or modest price increases and has treated WSU as a valued client.	
			The bid waiver extends contractual services from 2021 through January 31, 2024, when it will be formally bid. The estimated cost for the Wellness Warrior Program is \$433,758/year and EAP is \$124,000/year. The cost for the remaining two years is \$1,115,516. The total cost for both programs for three years is estimated at \$1,673,276.	
			Previous POs:	
			Wellness Warriors Employee Assistance Program	
			P0996376 - 09/21 - \$422,733 P1018609 - 05/22 - \$167,000 P0953181 - 04/20 - \$175,000 P0953178 - 04/20 - \$122,360	
			P0895353 - 01/19 - \$178,107 P0895780 - 01/19 - \$125,000	
			P0878531 - 09/18 - \$166,104 P0857110 - 04/18 - \$122,101	
			P0816827 - 05/17 - \$268,191 P0832820 - 09/17 - \$120,000	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
36	P1043915	Ulliance Inc	Basis: Continuation of Specialized Services with Recommended Source Professional Services for the Wellness Warriors Program and Employee Assistance Program (EAP)	Carolyn Hafner, AVP For Human Resources
	\$ 124,000.00 fromUlliance.	from Ulliance.	approved by David Massaron	
		General Funds - Employee Assistance Program	The services for the Wellness Warriors and EAP include the administration of the programs, training, seminars, and coaching. WSU has had an ongoing relationship with Ulliance for these programs for several years. It is important to maintain continuity for the benefit of the university employees. Ulliance has provided favorable pricing over the years with zero or modest price increases and has treated WSU as a valued client.	
			The bid waiver extends contractual services from 2021 through January 31, 2024, when it will be formally bid. The estimated cost for the Wellness Warrior Program is \$433,758/year and EAP is \$124,000/year. The cost for the remaining two years is \$1,115,516. Total cost for both programs fo three years is estimated at \$1,673,276.	r
			Previous POs: Wellness Warriors Employee Assistance Program P0996376 - 09/21 - \$422,733 P1018609 - 05/22 - \$167,000 P0953181 - 04/20 - \$175,000 P0953178 - 04/20 - \$122,360 P0895353 - 01/19 - \$178,107 P0895780 - 01/19 - \$125,000 P0878531 - 09/18 - \$166,104 P0857110 - 04/18 - \$122,101 P0816827 - 05/17 - \$268,191 P0832820 - 09/17 - \$120,000	

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No	PO NUMBE	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION
37	P1042304	Elsevier Inc \$ 80,586.00	Basis: Continuation of Specialized Services with Recommended Source Elsevier standardized testing services for the College of Nursing from Elsevier.
		\$ 60,360.00	Elsevier is the leading testing administrator for research and healthcare professions. The
		General Funds - Nursing Office of Student Affairs	standardized testing services include case studies, practice tests, adaptive quizzing, specialty exams, and two registered nurse exit exams for the traditional fall 2022 admit cohort. These services are a standardized part of the undergraduate curriculum. They aim to properly prepare the students for success in the program, clinical practice, and their licensing exam once they graduate and become registered nurses. Elsevier is currently a College of Nursing supplier for textbooks and exam packages.
			Cost: Two-year testing coverage- \$80,586.00
			Previous POs: P0987444 - 06/21/2021 - \$44,590.00 P0979545 - 03/19/2021 - \$19,800.00 P0973720 - 01/14/2021 - \$20,832.00 P0969640 - 11/18/2020 - \$21,462.00 P0969228 - 11/13/2020 - \$16,740.00 P0941743 - 01/06/2020 - \$20,358.00 P0908340 - 04/24/2019 - \$16,886.00 P0881867 - 10/03/2018 - \$15,080.00 P0827772 - 08/18/2017 - \$19,840.00

Laurie Clabo, Dean of Nursing, approved by Miriam Dixon

No	PO NUMBE	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
38	P1042302	Elsevier Inc \$ 26,499.00 General Funds - Nursing Office of Student Affairs	Basis: Continuation of Specialized Services with Recommended Source Standardized testing services for College of Nursing from Elsevier. Elsevier standardized testing services for our Fall 2022 CD2 cohort Nursing students. Nursing uses this vendor for all of its student specialized testing for the College of Nursing students. Elsevier is the leading testing administrator for research and healthcare professions. The College of Nursing utilizes Elsevier RN case studies, Adaptive Quizzing, RN patient reviews, RN practice tests, and RN Specialty exams. Cost: \$26,449.00 Previous POs: 07/2021 - P0990586 - \$6,156.00 10/2021 - P0999512 - \$14,652.00 01/2021 - P0973720 - \$20,832.00 11/2020 - P0969228 - \$16,740.00	Laurie Clabo, Dean of Nursing, approved by Kenneth Doherty
39	P1042114	Corrigan Moving Systems \$ 37,700.00 Grant Funds - Medical Examiner Office	Basis: Compatible with Existing Medical Examiner's Office Services Specialized Storage Trailers and Equipment rental for the Wayne County Medical Examiner's Office, billable to Wayne State University. Additional storage is needed to accommodate the overflow of bodies at the Wayne County Medical Examiner's Office. The coolers are at their capacity level. This is a continuation of services previously supplied on behalf of the MEO through the University of Michigan and is part of the conversion to Wayne State. There are no Prior POs	Thane Peterson - Vice Dean for the School of Medicine, approved by Kenneth Doherty
40	P1041845	National Medical Services, Inc. \$ 72,492.33 Grant Funds - Medical Examiner Office	Basis: Compatible with Existing Medical Examiner's Office Services Laboratory testing and related services for the Wayne County Medical Examiner's Office, billable to Wayne State University. This is a continuation of services previously supplied on behalf of the MEO through the University of Michigan and is part of the conversion to Wayne State. Prior PO: P1032550 - 9/27/2022 - \$200,000	Thane Peterson - Vice Dean for the School of Medicine, Approved by Kenneth Doherty

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
41	P1041771	Farrell Day LLC	Basis: Compatible with Existing Computing Software	Ahmad Ezzeddine -
			MARKETview software for the Office of Undergraduate Admissions from Farrell Day.	Vice President for
		\$ 49,500.00		Academic Student
			MARKETview offers proprietary data and analysis by utilizing student record-level data that is	Affairs and Global
		General Funds - University	combined with consumer behavior Information for a unique platform offering. The analysis of this	Engagement,
	Admissions data is used to inform recruitment efforts from the first student inquiry through th	data is used to inform recruitment efforts from the first student inquiry through their first-year	approved by Miriam	
			retention.	Dixon
			Farrell Day collects real-time information from peer institutions, de-identifies it, and aggregates the data. The data is compared to WSUs to provide support for data-centered strategy and decision-making. There is no other platform that allows peer-to-peer comparison data in this detail. The data is supplemented with national and local consumer information to keep the institution informed on the prospective and current student (and family) purchasing decisions and habits.	
			Farrell Day provides a consultant that works directly with WSU to provide insight into the University's data and advises the institution based on enrollment trends and local and national benchmarking.	

Farrell Day is the vendor that provides a software platform, and there are no lower-cost options

Previous POs:

available.

P0996777 - 9/24/2021 - \$45,000.00 P0962234 - 8/27/2020 - \$40,000.00

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
42	P1041745	Dell Incorporated	Basis: Recommended Source for Specialized IT Platform Services Software and Hardware maintenance support for the Compellent SC9000 storage system for	Rob Thompson, AVP for Computing &
		\$ 27,020.56	Computing & Information Technology (C&IT) from Dell.	Information Technology,
		General Funds - Dir Computing CenterServices	C&IT uses two Compellent storage systems to store its primary enterprise data. One of these systems is at the Disaster Recovery 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 company that can provide software support. They also require Official Equipment Manufacturer hardware support to qualify for software support.	
			Previous POs: P1025951 - 07/22 - \$41,309.61 P0945308 - 02/20 - \$55,328.68 P0941463 - 12/19 - \$62,380.83 P0821800 - 08/17 - \$275,337.41	

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
43	P1041731	Mountain Pass SolutionsInc	Basis: Compatible with Existing Computing Software Mountain Pass SmartPath workflow software subscription for C&IT from Mountain Pass Solutions, Inc.	Rob Thompson, AVP for Computing & Information
		\$ 60,799.00	Mountain Pass SmartPath workflow software subscription is used to assist in the hiring of tenure	Technology,
		General Funds - Provost Administration	track and clinical faculty and to assist in the promotion and tenure process. This is a 3-year renewal of the existing SmartPath solution that started in 2019. This software has significant existing investments in implementation, rollout, and training.	approved by Kenneth Doherty
			Development of a new comparable solution internally or implementation of a new externally hosted solution would significantly exceed the cost to continue this SAAS (Software as a Service) solution. This is a specially signed software suite with limited offerings on themarket. Existing/established use by the university and prior product investment makes this solution the most cost-effective	
			The 3-year license fee is a total of \$182,397.00 to be paid in annual installments of \$60,799.00	
			P0941484 - \$107,675.00	
			P0952100 - \$28,923.00	
			P0976073 - \$45,900.00 P0997539 - \$23,400.00	
			P1005393 - \$25,820.00	
			P1009238 - \$38,600.00 P1016354 - \$45,900.00	

December 2022 - January 2023

No	PO NUMBER	VENDOR / PRICE	DESCRIPTION	Approved by
		FUNDING SOURCE		
44	P1041597	MF Digital Marketing, Inc.	Basis: Continuation of Specialized Services with Recommended Source	Eyad Alshawhati,
		+ 76 540 00	Professional Services for developing and reinforcing relationships with prospective students for the	Interim Director for
		\$ 76,540.00	Law School from MF Digital Marketing, Inc.	the Law School Business Affairs
		General Funds - Law School	MF Digital will assist with lead generation, developing and reinforcing relationships with prospective	Office, approved by
		Instruction	students at every stage of the recruitment cycle. This is important to the Law School as most	Miriam Dixon
			students are not ready to commit after the initial inquiry and need to be nurtured to the point of	
			application and matriculation. These services will be for the new Degree of Master of Studies in Law	
			(MSL) concentrations (Health Law and Policy and Compliance) that are anticipated to launch in Fall	
			2023 and in addition to the services already being rendered for the Human Resources concentration.	
			MF Digital developed and implemented a successful lead generation and nurturing campaign for the	
			launch of the MSL program with a focus in HR in winter 2021. Most recently, MF Digital developed	
			and implemented the lead generation and nurturing campaign for fall 2021, winter 2022, and fall	
			2022 that allowed the Law School to add an additional 35 students to the program. MF Digital	
			continues to gain significant knowledge regarding WSU and the Law School's vision and brand. Thus,	
			streamlining the process for development of a lead and nurturing campaign for the new concentration	
			areas and allowing the school to dedicate more funds to media purchases (e.g., Google, LinkedIn,	
			etc.).	
			Previous POs:	
			P0977988 - 03/03/2021 - \$110,000.00	
			P0955208 - 05/31/2020 - \$95,399.00	
			P1032177 - 09/23/2022 - \$189,304.12	
			P1008089 - 01/28/2022 - \$98,800.00	
			P0985187 - 05/27/2021 - \$137,813.00	

P0996380 - 09/21/2021 - \$108,650.00 P0962993 - 09/04/2020 - \$124,995.00

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
45	P1041583	P&M Holding Group LLP	Basis: Continuation of Proven Source for Professional Advisory Services External Audit Services for the Audit of fiscal year 2022 through Plante Moran.	Eulonda Whitmore, AVP for Internal
		\$ 25,000.00	During the Audit Subcommittee meeting in February 2022, A recommendation was made to the ASC to extend the Plante Moran contract for the fall 2022 audit, due to the complexity of changing	
		General Funds - Associate Controller Fiscal Oper	Auditors. Recommendation was approved by the committee.	
		·	Internal Audit is electing to continue with the Plante Moran (P&M Holdings Group) for one final fiscal year and is committed to initiating an RFP for these services in March 2023.	
			Prior POs include.	
			P1001832 - 11/11/2021 - \$291,000	
			P0983620 - 05/11/2021 - \$ 48,464	
			P0957131 - 06/25/2020 - \$318,900	
			P0957126 - 06/25/2020 - \$ 40,800	
			P0926674 - 09/13/2019 - \$271,000	
			P0879051 - 09/14/2018 - \$263,800	
			P0857155 - 04/03/2018 - \$100,800	
			P0820798 - 06/22/2017 - \$238,300	
			P0775559 - 07/11/2016 - \$251,850	
			P0722563 - 05/19/2015 - \$234,000	
			P0695032 - 10/10/2014 - \$229,000	
			P0637684 - 07/09/2013 - \$232,600	
			P0602431 - 08/14/2012 - \$233 425	
46	P1041540	National Medical Services,	Basis: Compatible with Existing Medical Examiner's Office Services	Thane Peterson -
		Inc.	Laboratory testing and related services for the Wayne County Medical Examiner's Office, billable to	Vice Dean for the
			Wayne State University.	School of Medicine,
		\$ 78,040.00		approved by
			This is a continuation of services previously supplied on behalf of the MEO through the University of	Kenneth Doherty
		Grant Funds - Medical Examiner Office	Michigan and is part of the conversion to Wayne State.	
			Prior PO:	
			P1032550 - 9/27/2022 - \$200,000	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION
47	P1041538	US Ecology Michigan Inc	Basis: Continuation of Specialized Services with Recommended Source Environmental services for the Office of Environmental Health and Safety
		\$ 80,000.00	(OEHS) from US Ecology.
		General Funds - OEHS Administration	US Ecology has provided hazardous waste removal services to the University for the past 10 years. They have provided stable and reliable services and ensured environmental compliance for WSU.
			Due to the unforeseen changes in the OEHS staff during the pandemic, specifically the end of calendar year 2021 and most part of 2022, the subject matter expert was unable to work with Procurement on a formal bid. OEHS wants to extend the services provided by US Ecology until Spring of 2023, when a Request for Proposal will be released for the environmental services.
			Previous POs:
			P1010036 - 02/2022 - \$74,000
			P0972586 - 12/2020 - \$87,000
			P0933605 - 10/2019 - \$65,000
			P0883498 - 10/2018 - \$75,000
			P0833160 - 09/2017 - \$80,000

Approved by

Jason Gizicki, Director of the Office of Environmental Health & Safety, approved by Miriam Dixon

No	PO NUMBE	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
48	P1041534	P&M Holding Group LLP \$ 25,000.00	Basis: Continuation of Proven Source for Professional Advisory Services External Audit Services for the Audit of the fiscal year 2022 through Plante Moran. During the Audit Subcommittee meeting in February 2022, A recommendation was made to the ASC	Eulonda Whitmore, AVP for Internal Audit, approved by
		General Funds - Associate Controller Fiscal Oper	extend the Plante Moran contract for the fall 2022 audit due to the complexity of changing Auditors. The recommendation was approved by the committee.	Kenneth Doherty
			Internal Audit is electing to continue with Plante Moran (P&M Holdings Group) for one final fiscal year, and is committed to initiating an RFP for these services in March 2023.	
			Prior POs include. P1001832 - 11/11/2021 - \$291,000 P0983620 - 05/11/2021 - \$ 48,464 P0957131 - 06/25/2020 - \$318,900 P0957126 - 06/25/2020 - \$ 40,800 P0926674 - 09/13/2019 - \$271,000 P0879051 - 09/14/2018 - \$263,800 P0857155 - 04/03/2018 - \$100,800 P0820798 - 06/22/2017 - \$238,300 P0775559 - 07/11/2016 - \$251,850 P0722563 - 05/19/2015 - \$234,000 P0695032 - 10/10/2014 - \$229,000 P0637684 - 07/09/2013 - \$232,600 P0602431 - 08/14/2012 - \$233 425	
49	P1041340	PerkinElmer Infomatics \$ 30,000.00	Basis: Continuation of Specialized Software Services with Recommended Source ChemDraw Professional Software renewal for the Chemistry Department from Perkin Elmer Infomatics, Inc.	Matthew Allen, Chair of the Chemistry Department,
		ICR Funds - Chemistry Administration	ChemDraw Professional is a drawing tool that allows users to draw chemical structures and reactions as well as biological objects and pathways. Users can also use it to predict properties and spectra, convert chemical structures to International Union of Pure and Applied Chemistry names, and view 3D structures.	approved by Miriam Dixon
			This is a three-year renewal for the ChemDraw Professional Software used by the Chemistry Department. The software is proprietary and is only available from Perkin Elmer Infomatics.	
			Previous POs: P0936629 - 11/15/2019 - \$15,027.00 P0782718 - 09/07/2016 - \$12,150.00	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
50	P1041216	The Common ApplicationInc \$ 35,000.00 General Funds - University Admissions	Basis: Continuation of Specialized Services with Recommended Source Online application for the Department of Admissions from The Common Application. The Common Application is a single online college application form used by over 700 colleges and universities. The application allows students to fill out general information in one application that is sent to member schools to which the student applies. Students can apply to multiple institutions at the same time rather than having to submit separate applications to institutions. The Common Application is the sole source for the online application service. WSU began participating in this process in 2015. The cost of the contract is non-negotiable and is determined by the application volume WSU receives each year. Previous POs: P1022325 - 10/2021 - \$35,000 P0972603 - 12/2020 - \$35,000 P0972604 - 06/2020 - \$18,562 P0927205 - 09/2019 - \$16,053 P0877466 - 09/2018 - \$13,131	Ahmad Ezzeddine - Vice President for Academic Student Affairs and Global Engagement, approved by Miriam Dixon
51	P1041213	The W.W. Williams Company LLC \$ 34,000.00 General Funds - FP&M Facilities Operations	Basis: Continuation of Specialized Services with Recommended Source Campus generator maintenance services for Facilities Planning & Management (FP&M) from W.W. Williams Company, LLC. The vendor services and maintains multiple generators across the WSU campus. The vendor performs inspections, scheduled maintenance, and preventative maintenance, which includes checking oil levels, voltage, cables and connections, and general operations of all generators. W.W. Williams has been WSU's strategically sourced vendor since 2017. A Request for Proposal is currently in process, and a new agreement for this service will be issued soon. The bid waiver will cover the services until February 1, 2023. Previous Spend by Year 2018 - \$120,706.90 - \$120,706.90 2019 - \$133,939.04 - \$133,939.04 2020 - \$128,422.60 - \$128,422.60 2021 - \$145,554.15 - \$145,554.15 2022 - \$146,359.37 - \$146,359.37	Robert Davenport, AVP for Facilities Planning & Management, approved by Miriam Dixon

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			Jesember 2022 January 2023	
No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
52	P1040432	Colliers International Holdings (USA) Inc	Basis: Continuation of Specialized Services with Recommended Source Property Management of satellite educational centers for Facilities Planning & Management (FP&M) from Colliers International Holdings.	Robert Davenport, AVP for Facilities Planning &
		\$ 400,000.00		Management,
		General Funds - FP&M Facilities Operations	Colliers International Holdings will provide complete property maintenance services for the three (3) facilities under the direction of FP&M. The facilities include the Advanced Technology Education Center (ATEC), Macomb Education Center (MEC), and 400 Mack Avenue facility. Colliers will provide oversight of the building's mechanical & electrical systems, janitorial & custodial services, exterior grounds service, including both lawn and snow removal services, etc.	approved by Kenneth Doherty
			Colliers has managed WSU's satellite sites for ATEC and MEC for several years. Now with the 400 Mack facility becoming a part of WSU and the lack of staffing, Colliers will support this facility for the upcoming year.	
			The Agreement with Colliers will be extended through March 31, 2023, as FP&M issues an RFP for the three (3) facilities.	
			Prior POs: P1005658 - 12/07/2021 - \$394,440.00 P0938860 - 12/04/2019 - \$393,783.00 P0938858 - 12/04/2019 - \$331,938.00 P0902401 - 03/13/2019 - \$181,153.13	

P0902191 - 03/12/2019 - \$166,807.17 P0893286 - 01/02/2019 - \$216,715.00 P0893285 - 01/02/2019 - \$206,929.00 P0840526 - 11/16/2017 - \$205,196.66 P0840525 - 11/16/2017 - \$190,341.97 P0790397 - 10/30/2016 - \$174,931.00 P0790396 - 10/30/2016 - \$190,835.00 P0790395 - 10/30/2016 - \$495,875.36

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
53	P1039522	Berkshire Associates	Basis: Continuation of Specialized Services with Recommended Source	Laura Johnson,
			Professional services to develop, complete and review Wayne State's Affirmative Action Plan (AAP)	Interim Vice
		\$ 30,600.00	using methods compliant with OFCCP regulations for the Office of the General Counsel (OGC) to be provided by Berkshire Associates.	President & General Counsel, approved
		General Funds - Budget,		by Michael Wright
		Planning & Analysis Admin	Wayne State OGC has contracted with Berkshire to prepare its AAP since 2016 and is satisfied with the services and wishes to maintain continuity.	
			The cost of the AAP is \$12,000 per year; however, the cost Is discounted based on the number of years WSU has agreed to have Berkshire produce the AAP. The \$30,600 represents 3 years of AAP preparations by Berkshire at the cost of \$10,200/year, resulting in a \$5,400 total discount to the University. A lower-cost contract is not eligible to receive the discount (a 15% savings).	
			Previous PO's: P0939555 12/2019 \$29,900.00 P0750711 12/2015 \$10,000.00	

December 2022 - January 2023

No	PO NUMBE	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
54	P1039503	Israel Goldberg	Basis: Continuation of Specialized Services with Recommended Source Consulting Services for the Research and Graduate Programs Department from Israel Goldberg of	Linda Hazlett, Vice Dean for Research
		\$ 54,000.00	Health Research Associates (HRA).	and Graduate Programs, approved
		General Funds - Med Research+Graduate Programs	HRA provides consulting services by working with individual research investigators and coaching them through advisement. They assist with the preparation, review, and critique of proposals. HRA assists with the preparation of "summary statements". They also advise on responses to critiques and the preparation of amended proposals.	by Michael Wright
			Dr. Israel Goldberg, President of HRA has been highly successful for the past 29 years, assisting with the review and critique of grant proposals, preparing submissions, interpretation of summary statements and advisement for responses to critique, and preparing amended proposals.	
			The service that Dr. Goldberg and HRA provide is unique, and no other options were considered.	
			Previous POs:	
			P1002508 - 11/2021 - \$56,000.00	
			P0976853 - 02/2021 - \$56,000.00	
			P0918143 - 07/2019 - \$52,000.00	
			P0890624 - 12/2018 - \$52,000.00	

P0831079 - 09/2017 - \$52,000.00 P0793646 - 11/ 2016 - \$52,000.00

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
55	P1039406	Refinitiv US LLC \$ 45,900.00 General Funds - Business Admin Dean's Office	Basis: Compatible with Existing Computing Software Databases for the School of Business from Refinitiv. SDC ALL is a database that contains information on initial public offerings (IPOs), mergers & acquisitions (M&As), and venture capital investments (VentureXpert) provided by Refinitiv. The School of Business currently has a subscription to two modules, IPOs and M&As. The school is requesting one additional module VentureXpert, which will run for a 12-month period. The IPOs subscription will end in November 2022, and this request will continue access to the data set for an additional 12 months. The M&A data set subscription ends in August 2023, and it will be extended it through November 2023. All three data sets will be up for renewal December 2023. Refinitiv is the sole provider of the VentureXpert data, which, as noted, has more complete coverage of investments than other databases. This will provide all the data needed to support the department faculty member's research. Previous POs: P1002016 - 10/28/2021 - \$44,316.00 P0970248 - 11/25/2021 - \$35,384.00	Antoinette Somers, Associate Dean & Interim Chair in the School of Business, approved by Miriam Dixon
56	P1039370	Applied Handling, Inc. \$ 69,015.00 General Funds - Rentals+Leases-400 Mack Ave	Basis: Compatible with Existing Infrastructure Equipment High-speed rubber doors for Public Safety from Applied Handling. There is a safety issue, and this is public safety. The doors in the building routinely do not work, increasing response time and allowing cold air and vermin into the building. FPM has the same doors at 75 West Ferry. The doors have performed well over time, and the installation was a trouble-free Facilities and Public Safety believe this door will serve the needs of Public Safety. Because of the long lead time and the urgency of the repair, this was not bid out. Facilities previously purchased these doors from Applied Handling on P0969320 for \$39,382. Public Safety was very satisfied with the quality and requested to keep the same supplier and type of door.	Tony Holt, Chief of Police, approved by Kenneth Doherty

No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
57	P1031746-A Campus Auto Repair \$ 34,000.00	Basis: Continuation of Vehicle Services with Recommended Source Maintenance and repair of Police vehicles for Public Safety from Campus Auto Repair.	Tony Holt, Chief of Police, approved by Kenneth Doherty
	· <i>'</i>	Public Safety has incurred a higher level of repairs than anticipated. Individual repairs are y substantially lower than the blanket order total, but the cumulative total exceeds the University threshold of \$25K. Purchase Order P1031746 will increase by \$10,000, which changes the total from \$24,000 to \$34,000.	,
		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.	
		Prior POs include: P0992320 - FY 2022 - \$59,000 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	
58	P1034360-A TJP Software Services LLC \$ 27,550.00 Grant Funds - Perinatal Research Branch	Basis: Continuation of Specialized Services with Recommended Source Software services for the Perinatology Research Branch (PRB) from TJP Software. This request is to increase the Purchase Order P1034360 by \$6,300, from \$21,250 to \$27,550. TJP Software Services has the expertise needed and the availability for this project. Changing service providers after 20 years would increase the cost exponentially and would require extensive training. Previous PO's: P1034360 - 10/2022 \$27,550.00 P0998150 - 10/2021 \$127,500 P0959615 - 07/2020 \$17,250.00	Stanley Berry, Chair of the Perinatology Research Branch, approved by Kenneth Doherty

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
59	P1006552-A	A-Check America Inc \$ 496,567.00 General Funds - Office AVP for Human Resources	Basis: Continuation of Specialized Services Background Screening for new employees on behalf of Human Resources through A-Check America, Inc. A-Check was under contract for these services as a result of an RFP conducted in 2016, which had a duration through September 2021. However, we have opted to extend the agreement for one additional year as we rethink the services required prior to the issuance of our next RFP. This waiver will increase existing PO P1006552 by \$96,576, from \$200,000 to \$296,576 to pay final invoices. A new contract has been initiated with Accurate Background LLC as a result of the RFP effort. Prior POs: P1006552 - 01/11/2022 - \$200,000.00 P0974153 - 01/20/2021 - \$200,000.00 P0934101 - 10/30/2019 - \$200,000.00 P0887861 - 11/13/2018 - \$238,000.00 P0833533 - 09/29/2017 - \$238,059.61 P0804773 - 02/27/2017 - \$213,252.74	Brian Wittenberg, Director for Human Resources, approved by Kenneth Doherty
60	P0992412-A	Virovek \$ 33,000.00 Federal Grant Funds - Ophthalmology Visual Anatomical Sci	Basis: Compatible with Existing Research Supplies Adeno-Associated Virus (AAV) Vector production for Anatomy Department from Virovek. This bid waiver is to increase an existing Purchase Order (PO) P0992412 by \$10,000, from \$23,000 to \$33,000. AAV vectors are used for developing gene therapy for treating blindness in mouse models. The Anatomy Department has used AAV vectors made by Virovek for almost 10 years because of the high quality of the products. Also, since WSU is a long-term customer, Virovek offers the University a deeply discounted price for the AAV vector production service. Previous POs: P0992412 - 8/2021 - \$23,000 P0960264 - 8/2020 - \$20,000 P0897506 - 8/2019 - \$20,500	Linda Hazlett, Vice Dean for Research and Graduate Programs, approved by Miriam Dixon

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
61	P1035801-A	NLP Logix LLC \$ 50,000.00	Basis: Compatible with Existing Computing Software Consortium-sourced software for the operating environment, ToxSentry management for the Department of Emergency Medicine from NLP LOGIX, LLC.	Jeri Gleichauf, Director of the Department of Emergency
		Auxiliary Funds -Emergency Medicine	This bid waiver is to increase an existing Purchase Order (PO) P1035801 from \$50,000 to \$75,000. An increase of \$25,000 due to poison-related emergencies.	Medicine, approved by Miriam Dixon
			The Michigan Poison Center (MPC) at Wayne State University provides expert medical advice to the public, hospitals, EMTs, and other healthcare providers throughout Michigan who need advice regarding poison-related emergencies. The software maintenance and service provided by NLP LOGIX are imperative to the function of the MPC.	
			The sourcing was completed by the Poison Control Consortium. Other vendors were identified and deemed no longer viable in preference of NLP LOGIX.	
			Previous PO: P1014028 - 03/2022 - \$75,000.00	
62	P0992412-A	Virovek \$ 33,000.00 Federal Grant Funds - Ophthalmology Visual Anatomical Sci	Basis: Compatible with Existing Research Supplies Adeno-Associated Virus (AAV) Vector production for Anatomy Department from Virovek. This bid waiver will increase an existing Purchase Order (PO) P0992412 by \$10,000, from \$23,000 to \$33,000. AAV vectors are used for developing gene therapy for treating blindness in mouse models. The Anatomy Department has used AAV vectors made by Virovek for almost 10 years because of the high quality of the products. Also, since WSU is a long-term customer, Virovek offers the University a deeply discounted price for the AAV vector production service. Previous POs: P0992412 - 8/2021 - \$23,000 P0960264 - 8/2020 - \$20,000 P0897506 - 8/2019 - \$20,500	Linda Hazlett, Vice Dean for Research and Graduate Programs, approved by Miriam Dixon

December 2022 - January 2023

No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
63	P1040432-A Colliers International	Basis: Continuation of Specialized Services with Recommended Source	Robert Davenport,
	Holdings (USA) Inc	Property Management of satellite educational centers for Facilities Planning & Management (FP&M) from Colliers International Holdings.	AVP for Facilities Planning &
	\$ 400,000.00		Management,
		Colliers International Holdings will provide complete property maintenance services for the three (3)	approved by
	General Funds - FP&M Facilities Operations	facilities under the direction of FP&M. The facilities include the Advanced Technology Education Center (ATEC), Macomb Education Center (MEC) and 400 Mack Avenue facility. Colliers will provide oversight of the buildings mechanical & electrical systems, janitorial & custodial services, exterior grounds services including both lawn and snow removal services, etc.	Kenneth Doherty
		Colliers has managed WSU's satellite sites for ATEC and MEC for several years. Now with the 400 Mack facility becoming a part of WSU and the lack of staffing, Colliers will support this facility for the upcoming year.	
		The Agreement with Colliers will be extended through March 31, 2023, as FP&M issues an RFP for the three (3) facilities.	
		Prior POs:	
		P1005658 - 12/07/2021 - \$394,440.00	
		P0938860 - 12/04/2019 - \$393,783.00	
		P0938858 - 12/04/2019 - \$331,938.00	
		P0902401 - 03/13/2019 - \$181,153.13 P0902191 - 03/12/2019 - \$166,807.17	
		FU3UZI3I - U3/1Z/ZUI3 - \$1UU,UU/.1/	

P0893286 - 01/02/2019 - \$216,715.00 P0893285 - 01/02/2019 - \$206,929.00 P0840526 - 11/16/2017 - \$205,196.66 P0840525 - 11/16/2017 - \$190,341.97 P0790397 - 10/30/2016 - \$174,931.00 P0790396 - 10/30/2016 - \$190,835.00 P0790395 - 10/30/2016 - \$495,875.36

32 / \$ 3,776,673.19

E. PARTNERSHIPS/SPONSORS

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
64	P1042149	University Physician Group	Basis: Use of a University Affiliate for Specialized Services Medical services (COVID-19 Vaccines Administration) in the amount of 1,029,984 for the Office of	Phillip Levy - Assistant Vice
		\$ 1,029,984.00	Vice President for Research from University Physician Group dba Wayne Health.	President for Research, approved
		Grant Funds - VP Research	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.	by David Massaron
			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.	
			WSU was awarded a grant from MDHHS, State Contract Number E20232954-00. MDHHS approved the utilization of the MHU.	
			Prior POs for this service:	
			P0970418 - 11-30-2020 - \$2,729,304 P1029337 - 09-29-2022 - \$1,703,633	
65	P1012674-A	Barbara Ann Karmanos Cancer Institute	Basis: Use of a University Affiliate for Specialized Services Computed Tomography (CT) Scan reads on NCTN grant for Oncology Research Administration from Barbara Ann Karmanos Cancer Institute.	Valerie Wade - Associate Director of Oncology, approved
		\$ 45,726.00		by Kenneth Doherty
		Grant Funds - Oncology	The study design and treatment plan for this study requires CT scans. The CT scans is a procedure required by the protocol and is conducted at Karmanos Cancer Institute where the patients are being treated.	

No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
66	P1009409-A Barbara Ann Karmanos Cancer Institute	Basis: Use of a University Affiliate for Specialized Services Positron emission tomography (PET) scans for Psychiatry & Behavioral Neurosciences from the Barbara Ann Karmanos Cancer Institute.	Jennifer Ballard- Traynor - Director for Psychiatry and
	\$ 75,000.00 Grant Funds - Psychiatry	This bid waiver is to increase an existing PO P1009409 by \$63,000.00, from \$12,000 to \$75,000.	Behavioral Neurosciences, approved by Miriam
	,	PET scans are performed as part of Dr. Eric Woodcock's R00 study "Multimodal Investigation of the Neuroimmune System in Opioid Use Disorder". Karmanos is the only facility on Wayne State campus that offers PET scan services. The location makes it easy and convenient for the research participants to come to the Tolan Park Medical building for initial screening and testing, then go to Karmanos to have the PET scan. Dr. Otto Muzik is Dr. Woodcock's co-mentor under the R00 award. He works in Radiology and is an expert in PET imaging and kinetic analysis. Dr. Muzik has used Karmanos for PET imaging scans on all his studies.	Dixon

3 / \$ 1,150,710.00

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

0 / \$ 0.00

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	G. OTHER (SEE EXPLANATION)		
67	`	_	Basis: Informal Quotes obtained by the Requesting Department Construction renovation work for Facilities Planning and Management (FPM) from JMD Building	Robert Davenport, AVP for Facilities
		\$ 153,250.00	Restoration.	Planning & Management,
		Plant Funds - FP+M Office of Assoc VP	JMD will renovate the baseball batting cages at Harwell Field. They will remove and replace plywood, any nails that have lost supporting integrity, paint, and seal. Install the new plywood back to its original profile using anti-corrosive fasteners and proper anchoring methods and install metal drip plashing between sheets of plywood on all horizontal joints. Also, install a new horizontal metal cap on the top of the wall.	approved by Kenneth Doherty
			This vendor has an amount of marine-grade plywood readily available. The restoration work needs to be completed prior to the winter season. The General Contractor working on the Baseball Turf project provided pricing for the scope of work, but their costs exceeded those provided in JMD's proposal.	
68	P1043139	EAB Global Inc	Basis: Recommended Source for Specialized Professional Services Advance Forum membership for the Office of Development and Alumni Affairs from EAB Global.	Susan Burns, Vice President for
		\$ 36,500.00	EAB Global conducts extensive research in higher education fundraising through its Advancement	Development & Alumni Affairs,
		General Funds - Development Office Operations	Forum. This research includes comprehensive annual benchmarking survey of the over 400 members of the Advancement Forum, identifies pressing and emerging topics annually by the leaders of the member institutions, and research projects of specific needs formembers.	approved by Miriam Dixon
			Development and Alumni Affairs does not know of other entities that perform this in-depth research on fund raising operations and topics. Only members of the Advancement Forum can participate in the research, have access to the results, or request research on specific topics.	
			There are no other known entities that performs this in-depth research on fund raising operations and topics. Only members of the Advancement Forum can participate in the research, have access to the results, or request research on specific topics.	
			There are no previous POs from the Office of Development and Alumni Affairs.	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
69	P1042731	Castle Branch, Inc. \$ 25,800.00	Basis: Recommended Source for Specialized IT Platform Services Multi-Year with Review Compliance Tracker Software for 600 Students for the College of Nursing from Castle Branch, Inc.	DeShaun Harris, Director - Medical Student Services,
		General Funds - Med Academic+Student Programs Admin	The tracker software will assist in managing student health record management compliance as required by the Liaison Committee of Medical Education (LCME). Medical schools follow accepted guidelines in determining immunization requirements for its medical students and monitors students' compliance with those requirements. The software will allow the College of Nursing to maintain compliance by assisting with the proper monitoring required for 1,200 medical students.	approved by Miriam Dixon
			This is the most comprehensive software that allows the school to properly maintain and manage health records and documents safely and securely. WSU College of Nursing has been using Castle Branch for over five years, maintaining 100% compliance.	
			The School of Medicine (SOM) has been using New Innovations software to manage student health records. After conducting a full evaluation of the software, the SOM found it has issues with reporting and functionality. A study was conducted by the WSU College of Nursing and found other colleges and universities in the state of Michigan who are currently satisfied users of the Castle Branch software. Current known users of the system are the University of Michigan, University of Detroit-Mercy, Saginaw Valley State University, Michigan State University, Jackson College, Ferris State University, Concordia University, and Grand Valley State University.	
			Previous PO: P0977524 - 2/2021 - \$6,405.00	
70	P1042448	MP Acquisition, LLC \$ 203,622.93	Basis: Compatible with Existing Medical Examiner's Office Services Guardiant storage containers for body storage at the Wayne County Medical Examiner Office from MP Acquisition, LLC (Mopec).	Thane Peterson - Vice Dean for the School of Medicine, approved by
		Grant Funds - Medical Examiner Office	This order includes 2 containers, racks for inside each container, carrier, forklift, ramp and tray system.	Kenneth Doherty
			Wayne County had already begun a procurement process for storage at the time Wayne State was contracted on 10-1-22. Wayne County had been leasing a rack system in a mobile trailer and we are purchasing this rack system outright rather than continuing to lease at the same price. Wayne State is being authorized to purchase the two containers and associated equipment under contract with Wayne County.	

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
71	P1041644	Idea Elan LLC	Basis: Informal Quotes obtained by the Requesting Department Infinity core management software for the Office of the Vice President for Research from Idea Elan.	Phil Cunningham, AVP for the Office of
		\$ 49,250.00		the VP for Research,
		ICR Funds - Funded Project	Note: The October 2021 PO is issued for \$148,300, but the 4-year contract has a value of \$448,300.	approved by Kenneth Doherty
		Support	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. The software allows researchers to schedule work, calculate the bill for the work, and perform 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.	
			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 of the 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.	

not available in iLab.

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

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
72	P1041221	LMS Administrative Services, LLC	Basis: Recommended Source for Specialized Library Materials Purchase of Papers, Publications, Recordings, and Ephemera (including. digital facsimiles) documenting the life and work: of Horrace L. Sheffield, Jr, from LMS Administrative Services for	Aliqae Geraci, Director of the Reuther Library,
		\$ 50,000.00	University Libraries.	approved by Miriam Dixon
		Federal Grant Funds - Library Administration	LMS holds title to the collection sought by the libraries. Upon payment, LMS transfers Title and Intellectual Property Rights to Wayne State, and transfers, conveys. and assigns to Wayne State free and clear all of its rights, title, and interest in the Materials and Intellectual Property rights, including copyright	
73	P1040126	MEDSCHOOLCOACH, LLC	Basis: Recommended Source for Specialized Educational Services MCAT Tutorial Preparation Program for the School of Medicine from MedSchoolCoach.	Donovan Roy, Vice Dean for the School
		\$ 50,000.00	The program will provide Medical College Admissions Test (MCAT) lectures, one-on-one tutoring, pre-	of Medicine, approved by Miriam
		Federal Grant Funds - Oncology	exam evaluations, and individual study plans. The service will include one-year access to the MCAT Preparation program.	Dixon
			The School of Medicine could not locate a program in the state to provide these services. The Kaplan and Princeton Review were considered, but they do not include the one-on-one tutoring specifically needed for the students. The student's potential success increases substantially with a tutor who can focus more on their areas of need individually. MedSchoolCoach will provide the students with a higher chance to enhance the skills needed to raise their MCAT scores through the individual one-on-one tutoring methods.	
			There are no previous POs associated with this requisition.	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
74	P1040026	Optimum Data, Inc.	Basis: Informal Quotes obtained by the Requesting Department Refurbished Cisco Catalyst 3850 network switches for Computing and Information Technology (C&IT)	Rob Thompson, AVP for Computing &
		\$ 57,171.61	from Optimum Data Inc.	Information Technology,
		Plant Funds - Director University Communications	Due to supply chain shortages, Dell has discontinued their edge network switch line indefinitely. As a result, C&IT is pivoting to Aruba network switches for permanent deployment in State Hall, but supply chain shortages have negatively affected the entire industry. The refurbished Cisco Catalyst 3850 network switches will provide temporary network infrastructure to State Hall to make the building operational while waiting for the permanent Aruba hardware to arrive.	approved by Miriam Dixon
			C&IT obtained a quote for refurbished HPE 2920 switches, which are completely end of vulnerability/life without support for the next year, and supply for uplink port modules. A quote was obtained for refurbished Aruba 2930f switches, which are not in an end of vulnerability/life state, but do not possess the performance required for maintaining operations in State Hall. The University has previously utilized Cisco switches on campus, and C&IT has professional experts on staff that can administer and maintain the equipment.	
75	P1039510	Homemade Media LLC	Basis: Recommended Source for Specialized Professional Services Hosting, voice-over, editing, and production services for the eight-episode podcast project	Mary Zatina, General Manager -
		\$ 35,000.00	"Tight Knit" for WDET from Homemade Media, LLC.	WDET, approved by Miriam Dixon
		Auxiliary Funds - WDET- Programming and Production	This project is a limited eight-episode podcast focusing on Workforce Development in Detroit that WDET is producing in association with the Ralph C. Wilson Foundation. Shannon Cason of Homemade Media was selected for the project based on his extensive experience hosting podcasts. Mr. Cason is also a regular guest on podcasts that WDET streams through a partnership with PRX, Inc.	
			Podcast hosting services are a niche market, and there are no known vendors to bid on. Homemade Media was selected to provide hosting services due to their Detroit connection and expertise, which is needed to properly articulate the mission of the "Tight Knit" podcast project.	

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
76	P1039372	Goddard Coatings Co.	Basis: Recommended Source for Specialty Cleaning Services Duchene tennis courts' maintenance and painting service for Athletics from Goddard Coatings.	Erika Wallace, Interim Athletic
		\$ 32,690.00		Director, approved
		General Funds - General Athletics	The vendor will provide the following services, including cleaning, maintenance, re-coloring, and striping tennis courts. Service requires a vendor that is familiar with requirements set by the United States Tennis Association (USTA). USTA is the national governing body for tennis in the United States.	by Kenneth Doherty
			This project is time sensitive and needs to be ready within a few weeks for men's and women's tennis to continue to practice when outdoor courts are not accessible due to weather.	
			Cost: \$32,690.00	
			Previous POs: 5-2015-P0720323- \$ 7,500.00 9-2015- P0737120- \$ 48,860.00	

8-2012- P0603172- \$ 7,650.00

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
77	P1041744	Compass Technology Solutions LLC \$ 6,351.93 Auxiliary Funds - Parking Improvements Fund	Basis: Recommended Source for Specialized IT Installation Services Wireless access point installation for EV chargers for Parking and Transportation Services from Compass Technology Solutions. The work requested is needed to provide infrastructure for the EV charger RFP. Currently, we are on a month-to-month contract with AT&T, which has sub-contracted low voltage Services to Shaw Systems & Integration for telephone service requests. C&IT reached out to Shaw Systems & Integration for a quote for the same services. Shaw System & Integration quoted \$45,357.77. An RFP for network cabling has been drafted and will be reviewed by C&IT procurement and PASS shortly. Cost: \$26,814.08 Previous POs P1027833 - 8/22- \$75,532.00 P1027661 - 8/22- \$13,858.13 P1027662 - 8/22 - \$24,554.06 P1027660 - 8/22 - \$24,927.01 P1026576 - 8/22- \$10,651.00	Jon Frederick - Director of Parking & Transportation, approved by Kenneth Doherty
78	P1041743 P1041742	Compass Technology Solutions LLC \$ 5,509.85 Auxiliary Funds - Parking Improvements Fund Compass Technology Solutions LLC \$ 1,976.95 Auxiliary Funds - Parking Improvements Fund	P1025943 - 7/22 - \$10,263.79 Same as above Same as above	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
80	P1041741	Compass Technology Solutions LLC	Same as above	
		\$ 2,851.00		
81	P1041740	Auxiliary Funds - Parking Improvements Fund Compass Technology Solutions LLC	Same as above	
		\$ 2,118.58		
82	P1041739	Auxiliary Funds - Parking Improvements Fund Compass Technology Solutions LLC	Same as above	
		\$ 805.09		
83	P1041738	Auxiliary Funds - Parking Improvements Fund Compass Technology Solutions LLC	Same as above	
		\$ 4,342.43		
84	P1041736	Auxiliary Funds - Parking Improvements Fund Compass Technology Solutions LLC	Same as above	
		\$ 2,858.25		
		Auxiliary Funds - Parking Improvements Fund		
		18 / \$ 720,098.62		
	Total	84 / \$ 8,476,469.21		