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 May, June, and July 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**

The report has 63 entries at a value of \$6.8 million. Like both the February and March/April reports, this is smaller than what we saw through all of 2022.

The first 15 items are research-related and are based in part or whole on the scientific judgment of the appropriate Principal Investigator for a total of \$2.2 million. There were just two PO related to Professional Services POs for a total of \$149,000, and just four PO in the section Urgent / Emergency POs for this reporting period for a total of \$152,000. These four POs were all related to facility infrastructure.

The compatibility section, typically the largest of the report, has 24 POs for a total of \$2.9 million. The last section for this report, General Purchasing exceptions, has 18 POs for just under \$1.4 million.

No	PO NUMBE	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
	A. SCIENTI	FIC JUDGMENT (S03, S04)		
1	P1062487	Life Technologies Corp. \$ 212,870.73	Basis: Informal Quotes obtained by the Requesting Department Attune Cytpix cell analyzer for the Chemistry Department from Thermo Scientific/Life Technologies.  The equipment will be used to analyze cells for the presence of signals during cancer and other	Matthew Allen, Chair of the Chemistry Department, approved by Ken
		Grant Funds - Chemistry Administration	disease studies. It will be purchased using funds from the National Institute of Health (NIH) grant. The requested equipment was submitted in the proposal, and the NIH states that only the requested equipment may be purchased with the funds.	Doherty
			The department examined various Cell Analyzer instruments over two years and selected the Life Technologies (aka Thermo Fisher) equipment. Beckman Coulter quoted on the equipment, but their price was more expensive. The Cytpix Attune has more features, including microscope imaging for quality control/additional data and an autosampler to increase the instrument's utility through automation. These are two options that the more expensive Beckman machine lacked.	
2	P1062326	C-BF USA SPV Inc  \$ 164,404.17  Grant Funds - Chemistry Administration	Liquid Helium Plant for the Chemistry Department from C-BF USA SPV Inc / Cryomech.	Matthew Allen, Chair of the Chemistry Department, approved by Ken Doherty

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
3	P1062321	Fisher Scientific  \$ 30,095.21  General Funds - College of Science Omnibus Fee	Basis: Informal Quotes obtained by the Requesting Department Scientific Equipment for the Department of Biological Sciences from Fisher Scientific.  The equipment includes a Fisherbrand Isotemp General Purpose Refrigerator; Thermo Scientific Sorvall X4 Pro Centrifuge; F15-8X50C Fiberlite Rotor; and a Heavy-Duty Steel Table. The refrigerator will be used for storing the prepared media and solutions that the students need. It will also be used to store dried media/chemicals. The Pro Centrifuge and rotor are replacements for an old centrifuge that was purchased before 1996.  The Department requested quotes from Fisher Scientific and VWR. The VWR quote did not include delivery and setup of the equipment, but it was noted on the quote that there was a charge for these services. The department requested a clarification of the VWR quote, but VWR never responded.	Victoria Meller, Chair for Biological Sciences, approved by Miriam Dixon
4	P1062319	PreciPoint GmbH \$ 40,656.70  Auxiliary Funds -Pathology	Basis: Scientific Judgment based on Equipment Functionality Microscopy System for the Department of Pathology from PreciPoint.  The PreciPoint R8 microscopy system possesses unique features, advanced functionalities, and a high level of integration. This is an entirely new system; the only known vendor manufacturer is PreciPoint. The system is a hybrid working model of a live remote digital microscope. The system provides advanced imaging and analysis for various Image transfers, dual microscopes, and scanners. This will be a new system for Wayne State.  Some of the features included are the fully automated XY-stage, "MicroPoint" software, AutoFocus, Manual Focus, and seamless zooming. Also included is an Intel-based PC with Nvidia graphics card and Windows 10 Professional License. The cost includes PreciCare Support and Service.  The selected microscopy system possesses unique features, advanced functionalities, and a higher level of integration. Additionally, the specific needs and preferences of the end users may play a role in the decision-making process.	Rafic Beydoun, Interim Chair of Pathology, approved by Miriam Dixon

No	PO NUMBEI	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
5	P1062335	Xenotec Inc \$ 31,515.00 Grant Funds - Ophthalmology Visual Anatomical Sci	Basis: Scientific Judgment based on Equipment Functionality iVivo Small Animal Funduscope Base System for the Department of Ophthalmology from Xenotec.  "iVivo Small Animal Funduscope" will be used to examine the retinal images and fluorescence in mouse eyes. The system includes the animal Funduscope and the mouse stage with isoflurane anesthesia capability. This is a unique system that no other vendors offer.	Linda Hazlett, Vice Dean for Research and Graduate Programs, approved by Miriam Dixon
6	P1061551	Steris Corporation  \$ 55,181.53  General Funds - College of Science Omnibus Fee	Basis: Scientific Judgment based on Equipment Functionality Autoclave for the Department of Biochemistry from Steris Corporation.  This is a request to replace a broken autoclave with a new autoclave for teaching labs beginning this fall.  Steris Corporation is a reliable source of autoclaves and has maintained the Getinge autoclave until it was determined it should be replaced. The department wanted to replace the broken autoclave with the same type by Getinge, but none was available. The Steris autoclave is comparable to the one being replaced.  Tag number of Getinge autoclave being replaced: 55661, assigned in 1979.	Matthew Allen, Chair of the Chemistry Department, approved by Miriam Dixon
7	P1061231	Promega Corporation \$ 38,202.40  General Funds - Ctr for Molecular Medicine & Gen	Basis: Scientific Judgment based on Research Equipment Functionality GloMax Discover system for the Center for Molecular Medicine and Genetics (CMMG) from Promega.  GloMax is compact and fits all CMMG's assay requirements. CMMG will use this instrument in a hypoxia chamber to allow them to measure oxygen consumption in cells under oxygen tensions matching those observed in the body. Additionally, it comes with preprogrammed assays for most of the reagents that CMMG uses for cellular assays evaluating mitochondrial and nuclear functions.  CMMG also considered plate readers from Agilent and Molecular Probes, but the dimensions would not allow them to place it in an incubator with modified oxygen tensions for experimentation. Agilent has an instrument called Seahorse XF mini which is compact, however their instrument was not recommended for use in a hypoxia chamber. Promega is the sole manufacturer of the GloMax Discover system.	for Molecular Medicine and Genetics, approved by Miriam Dixon

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
8	P1061199	P1061199 Hoffman Crow, Inc. \$ 28,814.00	<b>Basis: Scientific Judgment based on Research Equipment Functionality</b> Digital Hydraulic Bench for the Department of Civil & Environment Engineering from Hoffman Crow, dba Aidex East.	William Chuster, Chair of Civil & Environmental
		ICR Funds - Civil/Environmental Eng. Admin	This equipment supplies a controlled flow of water to a wide variety of laboratory experiment modules. The body of the bench forms a reservoir or `sump tank' with a submersible pump. Once filled, the bench needs no external water supply.	Engineering, approved by Miriam Dixon
			The decision to purchase the equipment from Aidex East was based on their ability to provide the equipment in time for the required civil engineering class, CE 3250 in the Fall semester. This class is a required undergraduate class that fulfills accreditation for the program. The Department also contacted Armfield and Sub Lab Tek, but the delivery time was much slower, and the price was slightly higher than Aidex East. In addition, the equipment will not be delivered in time for the Fall semester.	
			Previous PO: P1055946 - 5/18/23 - \$24,017.00	
9	P1061090	\$ 40,306.60	Basis: Scientific Judgment based on Research Equipment Functionality  Thermo Scientific™ laboratory equipment for the Department of Oncology from Fisher Scientific.	Evano Piasentin, Associate Center Director, Research
		Auxiliary Funds - Oncology	Equipment includes TX-750 Round Bucket Adapters, Thermo Scientific™ Sorvall STI R Plus-MD 120V H-Flex Blood Tube Package, K2 Scientific Sliding Glass Door Pharmaceutical/Laboratory High Performance Refrigerator, Thermo Scientific™ CryoPlus" Vapor Phase Starter Packages, Thermo Scientific™ Forma™ Direct Heat CO2 Incubator 184 L x2.	Administration, KCI, approved by Miriam Dixon
			The order is part of the startup expense for a new researcher in Oncology (basic and translational breast cancer research using biochemical, molecular, and histochemical assays and mouse models). Fisher Scientific, the current preferred vendor for scientific supplies, offers a substantial discount for new lab start-ups. These items are specific to the type of research experiments performed in this new laboratory. Fisher also provides warranties for select equipment and provides services to deliver, install and train on the equipment.	
			Previous POs for this Department: P0876337 - 08/2018 - \$28,075.80 P0851249 - 02/2018 - \$29,985.00 P0797640 - 12/2016 - \$26,502.30	

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
10	P1059253	University of Pennsylvania \$ 26,000.00 General Funds - Pharmaceutical Science	Basis: Scientific Judgment based on Specialized Research Services Single nucleus RNA sequencing for Pharmaceutical Sciences from the University of Pennsylvania (UP) UP's lab will accept eight rodent postmortem brain samples from WSU to be processed for single nucleus RNA sequencing using the 10x Genomics platform and 3' gene expression assay. Resultant sequencing libraries will be sequenced according to manufacturer recommendations. UP will perform the initial quality control and analysis of the data, and the raw and processed data will be provided to WSU.  Pharmaceutical Sciences first considered services of the Genome Sciences Research Core at WSU, but the cost was higher. Other cores can provide similar services but are more expensive than UP.  The core at WSU does not perform single-nucleus RNA sequencing, only single-cell RNA sequencing. The techniques are similar, but the former is superior to the latter.	Pharmacy, approved by Miriam Dixon
11	P1058140	Agilent Technologies, Inc. \$ 27,999.69  General Funds - Pharmacy Practice	Basis: Scientific Judgment based on Research Equipment Functionality Specialized absorbance reader for Pharmacy Practice from Agilent Technologies.  The research lab requests a LogPhase 600 4-plate absorbance reader for measuring kinetic growth curves at 600 nm. This specialized reader features orbital shaking and incubation up to 45 degC and includes LogPhase App for reader control, data collection, and analysis.  Agilent is the only known source of this UV plate reader that will accommodate up to four 96 well plates at a time, incubate and orbital shake, allowing the lab to perform high output screening analysis of bacterial strains and bacteriophages in the Pharmacy Research laboratory. This absorbance reader also matches the instrument the collaborator scientist is using at the Food and Drug Administration. This allows the users to perform validation experiments using the exact protocols and match the Wayne State data results for reliability in data performance, which will improve opportunities for grant applications.	Lynette Moser - Chair at Pharmacy Practice, approved by Miriam Dixon

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
12	P1057439	Olympus ScientificSolutions Americas Corp.	Basis: Scientific Judgment based on Equipment Functionality OLYMPUS@ IX73 Fluorescent Microscope for the Department of Pharmacology from Olympus.	Minhong Shen, Assistant Professor, approved by Miriam
		\$ 38,594.37	This instrument will take immunofluorescence (IF) and immunohistochemical (IHC) images. The department is working on a vivo study with breast cancer mouse models. Tumor samples from	Dixon
		General Funds - Pharmacology	these mice will be employed to perform IF staining and immunohistochemical IHC staining. This microscope will also be used to take IF and IHC images. Currently, the lab is using breast cancer cell lines to perform in vitro studies, and they are doing gene overexpression and knockdown/knockout in these cells routinely. Fluorescent proteins are usually employed, indicating transfection/transduction efficiency.	
			The other options considered were Axio Observer 5 by Zeiss and ECLIPSE Ti2-U by Nikon. The Axio Observer 5 takes each individual fluorescent channel manually and merge the images by using a secondary software. The ECLIPSE Ti2-U had similar setting, but the cost was higher. The OLYMPUS@ IX73 is the more superior piece of equipment.	
13	P1057071	Fisher Scientific	Basis: Scientific Judgment based on Specialized Research Services SARS-Cov-2 PCR testing and genome sequencing for Pharmaceutical Sciences from Fisher Scientific.	Susan Davis, Associate Dean of
		\$ 92,355.09		Pharmacy & Health
		Grant Funds-Pharmaceutical Science	This order includes kits and reagents purchased for extracting nucleic acids by using the matched instrument (Kingfisher) from Fisher Scientific, as well as kits and reagents for screening positivity SARS-Cov-2 is the only available assay with standardized procedures and deliverables matching what is used in other state labs.	Science, approved by Miriam Dixon :
			Although sample extraction and purification can be performed manually, it would be low throughput and unable to handle a large number of samples in a limited time period.	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
14	P1055971	University Physician Group \$ 706,799.00	<b>Basis: Identified within and Requirement of the Grant</b> Education, training, and behavioral health treatment for the Psychiatry & Behavioral Neurosciences Department from Wayne Health (University Physician Group).	David Rosenberg, Chair of Psychiatry, approved by David Massaron
		Grant Funds - Psychiatry	WSU was awarded a grant from the Michigan Department of Health and Human Services (MDHHS) to educate and train peers and clinicians in Michigan. Wayne Health will also provide behavioral health treatment to first responders in Michigan, such as police officers, firefighters, EMS, dispatch, and corrections officers.	Massaron
			As part of this annual agreement, WSU will work with Wayne Health for the clinical aspects of this program. Specifically, Wayne Health will use their psychiatrists, social workers, and therapists to provide telemedicine and in-office behavioral health clinical services, create peer support teams, train peer supports in mental health, train clinicians both at Wayne Health and other providers across the state in Cognitive Processing Therapy, create/maintain the FST5.org website, create training videos and vignettes for the website, and develop an augmented reality app for treatment to first responders in trauma and post-traumatic stress disorder.	
			MDHHS has brought this project to WSU because of the extensive evidence-based research and best practices of the clinical and research faculty in the department. Wayne Health is specifically listed on the MDHHS grant award.	
			Previous POs: P1024475 - 10/2022 - \$1,070,518.00 P0989054 - 07/2021 - \$908,445.00	
15	P1054786	Revvity Health Sciences, Inc. \$ 659,544.40	Basis: Scientific Judgment based on Equipment Functionality  IVIS Spectrum CT Imaging System for the Department of Oncology from Revvity Health Sciences, Inc. / Perkin Elmer Health Sciences.	Timothy Stemmler, Interim VP for Research, approved by David Massaron
		General Funds - KCI Clinical Trials IDC	The IVIS Spectrum CT Imaging System will provide 3D multimodal imaging for small animals. The imaging system will be part of the MICR core facility, which complements and expands the capabilities of the imaging core.	,
			This is a unique and highly specialized equipment complementary to the departments existing equipment acquired from Children's Hospital in 2003 at a cost of \$229k. No other known vendors provide this equipment, which is considered the gold standard for this technology.	

No PO NUMBER VENDOR / PRICE FUNDING SOURCE

16

**DESCRIPTION** 

Approved by

#### **B. EXECUTIVE OFFICER WAIVER FOR PROFESSIONAL SERVICES (S23)**

P1059672 HealthTAMCycle3 PLLC

**Basis: Recommended Source for Specialized Professional Services** 

Consulting services for Pharmacy Practice from Dr. Mathew at HealthTAMCycle3 PLLC

\$ 102,080.00

Dr. Mathew will conduct training services for state-of-the-art expert infection control education. This includes:

Grant Funds - Pharmacy

Practice

Communication with MDHHS (Michigan Department of Health & Human Services) and CDC (Centers for Disease Control and Prevention) staff for Project First Line.

Acquisition of state-of-the-art clinical guidance from SHEA (Society for Healthcare Epidemiology of

America), IDSA (The Infectious Diseases Society of America), and other Professional Organizations, Conduct education of Skilled Nursing Facility (SNF) staff.

Dr. Trini Mathew has conducted the services above with SNF staff for several years and is a recognized national/international expert in her field. She is also recognized as a leading prevention infection control in Metro Detroit.

#### Previous POs:

P1048018 - 3/2/2023 - \$5,900.00

P1042293 - 1/5/2023 - \$5,300.00

P1045314 - 2/6/2023 - \$6,800.00 P1039754 - 12/5/2022 - \$8,100.00

P1037750 - 11/14/2022 - \$4,800.00

P1030998 - 9/14/2022 - \$6,050.00

Lynette Moser -Chair at Pharmacy Practice, approved by Michael Wright

Approved by

Mark Kornbluh, Provost, approved by Michael Wright

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	1
17	P1058953	Jessica Helen Lahiff	Basis: Recommended Source for Specialized Professional Services Consulting services for the Department of Pharmacy Practice from Jessica Helen Lahiff / Jessica	ľ
		\$ 46,530.00	Heinonen.	ł
		Grant Funds - Pharmacy Practice	Jessica Heinonen will provide Infection Control training to Skilled Nursing Facilities (SNF) staff. This includes developing training materials, performing outreach to the SNF leadership, developing communications, schedule educational activities, and conducting on-site visits and education to the SNF and its Healthcare Workers, and is part of the Pharmacy Practice's Project First Line program.  Jessica Heinonen has conducted these services in the Metro Detroit area for several years and has been recognized as one of the best experts in her field. The Department has explored other candidates for these services and found none available with the level of knowledge, skills, and experience as Jessica Heinonen.  Previous POS:	
			P1048261 - 3/06/2023 - \$1,808.52	
			P1047184 - 2/22/2023 - \$1,593.22 P1045380 - 2/06/2023 - \$2,066.88	
			P1044026 - 1/24/2023 - \$1,636.28	

2 / \$ 148,610.00

C. URGENT OR EMERGENCY REQUIREMENT (S06)

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
18	P1062538	Sewer and WaterSpecialist Inc	<b>Basis: Urgent or Emergency Services</b> Drain Repair for Facilities Planning & Management from Sewer & Water Specialist.	Robert Davenport, AVP for Facilities Planning & Management, approved by Miriam
		\$ 28,000.00	The drain located in the Applebaum loading dock requires emergency repair. The drain is connected to the DMC surface parking lot and is disrupting its availability. Draining water from	
		Plant Funds - FP+M Office of Assoc VP	the loading dock is urgent. Services include excavation of the area, location, 15" concrete pipe replacement, and backfill repair.	Dixon
			Sewer & Water Specialist has previously performed many underground repairs for the University at a competitive cost.	
			Previous POs: P1050976 - 04/03/23 - \$20,000 P1047310 - 02/23/23 - \$23,905 P1041432 - 12/20/22 - \$37,375 P1033718 - 10/07/22 - \$15,820 P1032756 - 09/30/22 - \$23,500 P1003248 - 12/01/21 - \$49,417	
19	P1061875	Compliant Healthcare Technologies	<b>Basis: Urgent or Emergency Equipment</b> Elliman Lab Vacuum Replacement for Facilities Planning & Management (FP&M) from Compliant Healthcare Technologies (CHT).	Robert Davenport, AVP for Facilities Planning &
		\$ 47,297.00	CHT will replace the vacuum pump currently not functioning in the Elliman building. The purpose of	Management, approved by Miriam
		General Funds - FP+M Maintenance Reserves	the vacuum system is to remove air particles and filter the air where animals are housed. The vacuum system is essential to maintaining animal health in the research area.	Dixon
			Only one of the two vacuum pumps in the Elliman building is currently functioning. If not replaced, it will cause the Department of Lab Animal Resources to shut down. The loss of a vacuum in these rooms requires a shutdown until the pump can be restored. which is the reason a backup unit is imperative to the building.	
			CHT previously worked on the vacuum pumps in December 2022 to restore the operation of pump #1. This effort is an extension of the previous work performed.	
			Previous PO: P1038667 - 11/22/22 - \$82,290.23	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
20	P1060651	Brehob Corporation	Basis: Urgent or Emergency Services	Robert Davenport,
		\$ 45,700.00	Repair/replace compressor pumps on coolers for Facilities Planning & Management (FP&M) from Brehob Corporation.	AVP for Facilities Planning & Management,
		Plant Funds - FP+M Office of Assoc VP	This is an urgent request to repair and/or replace the compressor pumps on the body coolers located at the Chemistry building. These cooler units and contents are vital to research projects. Other bids were not sought due to the urgent nature of this repair.	• • • • • •

Previous POs:

P1034925- 10/18/22 - \$7,350.00 P1034881 -10/18/22 - \$2,540.29 P1029620 - 09/01/22 - \$587.23 P1026201 - 07/29/22 - \$1,092.00 P1021594 - 06/14/22 - \$6,685.46

P0997030 - 09/21/21 - \$11,006.14Basis: Urgent or Emergency Services

Robert Davenport, AVP for Facilities
Planning & Management,
approved by Miriam Dixon

4 / \$ 152,245.00

D. COMPATIBILITY WITH PREVIOUSLY PURCHASED EQUIPMENT OR SERVICES

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
22	P1063161	Wolters Kluwer Health \$ 29,480.88	<b>Basis: Continuation of Specialized Services with Recommended Source</b> Subscription renewal to Lippincott Connect 2.0 for the School of Medicine from Wolters Kluwer Health.	DeShaun Harris, Director - Medical Student Services, approved by
		General Funds - Med Academic+Student Programs Admin	Lippincott Connect provides digital access for each first-year medical student (M1) to bundled Grant's Dissector 17th edition. These bundles include Grant's Dissection videos, PrepU quizzes, bio-digital 3D interactive tutorials, key term downloads, and chapter proficiency quizzes.	Kenneth Doherty
			This is the only vendor that supplies a digital subscription for medical students to access content that aligns with the specific gross anatomy dissection sequence in the M1 medical curriculum. The School of Medicine has previously used Wolters Kluwer for dissection activities. This year, the SOM expanded its subscription to include custom-tailored units for student learning.	
			Previous POs: P1022125 - 6/20/2022 - \$21,836.88 P0988177 - 6/30/2021 - \$16,797.00 P0961244 - 8/17/2020 - \$16,797.00 P0938478 - 12/3/2019 - \$20,997.00 P0867593 - 6/20/2018 - \$20,997.00	
23	P1062016	Bob Maxey Ford, Inc. \$ 67,323.95  Grant Funds - Pediatrics	Basis: Compatible with Existing Research Equipment 2023 Ford Transit Vehicle for the Department of Pediatrics from Bob Maxey Ford.  Wayne State University has a fleet of mobile health units provided under a Michigan Mobile Health Corps (MMHC) grant, which was awarded by the Michigan Department of Health and Human Services. In May 2023, Wayne Pediatrics and the Horizons Project was granted a sub-award from MMHC to purchase a mobile health unit for pediatric and adolescent medicine healthcare. Historically, these vehicles have been purchased from Bob Maxey Ford, Inc. by Wayne Health, not Wayne State University.  Pediatrics looked at other local and out-of-state companies. However, the cost of purchasing a unit and the required upfitting exceeded the amount awarded from the grantor. For this reason, Pediatrics wants to utilize Bob Maxey Ford, Inc. In addition, Bob Maxey Ford is familiar with the mobile health units previously purchased by Wayne Health.	Herman Gray - Chair of Pediatrics, approved by Miriam Dixon

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
24	P1061878	National Medical Services, Inc. \$ 67,281.33	Basis: Compatible with Existing Medical Examiner's Office Services Laboratory testing and related services in the Month of July for the Wayne County Medical Examiner's Office, billable to Wayne State University.	Submitted by: Thane Peterson - Vice Dean for the School of Medicine,
		Grant Funds - Medical Examiner Office	This continuation of services previously supplied on behalf of the MEO through the University of Michigan is part of the conversion to Wayne State.	Approved by Kenneth Doherty
			Prior PO: P1056930 - 05-24-2023 - \$66,672.00 P1051643 - 04/07/2023 - \$67,997.00 P1050717 - 03/30/2023 - \$72,397.50 P1049085 - 13/13/2023 - \$74,684.00 P1045723 - 02/08/2023 - \$90,173.00 P1041845 - 12/23/2022 - \$72,492.33 P1041540 - 12/20/2022 - \$78,040.00 P1032550 - 09/28/2022 - \$200,000.00	
25	P1061260	Dell Incorporated	Basis: Compatible with Existing Computing Infrastructure 13 Dell PowerEdge R740XD storage servers with NVMe ceph, for Computing Information &	Rob Thompson, AVP for Computing &
		\$ 287,585.61	Technology (C&IT) from Dell.	Information Technology,
		General Funds - Dir Computing CenterServices	The Dell PowerEdge R740XD with NVMe ceph storage servers is a much-needed addition to the PowerEdge R6515 servers were previously purchased under P1015205. Ceph servers are an open-sourced software-defined storage solution designed to address modern enterprises' block, file, and object storage needs. Its highly scalable architecture makes it adaptable, becoming the new norm for high-growth block storage, object stores, and data lakes.	approved by Kenneth Doherty
			Most of the hardware in the High-Performance Computer (HPC) environment is Dell. These servers are compatible with the University's five (5) Ceph storage servers. HPC is working towards standardizing Dell hardware where feasible. Hardware from multiple manufacturers adds unnecessary complexity to the maintenance and operation of the hardware.	
			Previous POs: P1015205 - 04/12/2022 - \$40,225.00 P1038070 - 11/16/2022 - \$94,364.84 P1036407 - 10/31/2022 - \$104,268.74	

Approved by

Anne Messman, Associate Dean GME and DIO, approved by Kenneth Doherty

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION
26	P1061135	Coverys Insurance Services	Basis: Continuation of Specialized Services with Recommended Source  Medical Liability Insurance coverage for medical students and residents for the WSU School of
		\$ 253,250.00	Medicine from Coverys/ProSelect Insurance.
		Auxiliary Funds - Dermatology	Corverys/ProSelect provides liability medical insurance for medical students and residents. Coverys also covers the policy for the Wayne Health practice, which merits a discount rate for the medical school.
			Annually, the Office of Graduate Medical Education (GME) and Wayne Health work with USI, an insurance broker, to identify the most affordable coverage. After a Request for Proposal was released, a lower option was not determined.
			Previous POs: P1025937 - 7/28/22 - \$267,603 P0991642 - 8/10/21 - \$242,842 P0980033 - 3/24/21 - \$ 4,858 P0974322 - 1/21/21 - \$ 69,967 P0962315 - 8/28/20 - \$155.483 P0952335 - 3/31/20 - \$ 5,438 P0907260 - 4/06/19 - \$ 5,257

No	PO NUMBEI	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
27	P1060808	EAB Global Inc	Basis: Continuation of Specialized Services with Recommended Source Web-based student engagement platform for Undergraduate Admissions from Educational Advisory	Ericka Matthews- Jackson, Sr.
		\$ 33,004.00	Board (EAB).	Director, Undergraduate
		General Funds - University Admissions	Cappex, web-based student engagement platform owned and operated by EAB. They will provide prospective students and data associated with the students to Wayne State. This will allow the University to provide application/enrollment support to prospective students interested in attending Wayne State.	Admissions, approved by Miriam Dixon
		recommendations based on studer	Cappex is the only interactive college and university decision experience that personalizes recommendations based on student behavior and is the only provider of such services in the market. There are no other companies that offer this type of support.	
			Undergraduate Admissions has established a contractual relationship with Cappex. This platform allows Wayne State to collaborate with EAB to develop further the tools it provides to align with the University's mission and strategic plan.	
			Previous POs: P1021975 - 06/2022 - \$33,004.00 P0985652 - 06/2021 - \$24,575.00	

P0956328 - 06/2020 - \$20,000.00

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
28	P1060157	College Entrance Examination Board \$ 32,105.28	Basis: Continuation of Specialized Services with Recommended Source Regional name searches for student recruitment for Undergraduate Admissions from College Entrance Examination Board (College Board).	Ahmad Ezzeddine - Vice President for Academic Student Affairs and Global
		General Funds - University Admissions	This request is for student recruitment, including but not limited to postal mailings, email campaigns, and event participation such as Spring Open House and Search Piecemailer.	Engagement, approved by Kenneth Doherty
			The College Board's services are unique and are not offered by another source. The College Board's membership association comprises over 6,000 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education.	
			The College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success every year. The organization also serves the education community through research and advocacy on behalf of students, educators, and schools.	
			Previous POs: P1016479 - 4/22/22 - \$44,919.00	
			P0977114 - 2/23/21 - \$20,616.08	

P0948991 - 3/20/20 - \$13,500.28

Bloomberg also provides certification that allows the students, as jobseekers, to get ahead of the

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
29	P1058951	Bloomberg Finance LP \$ 48,480.00 General Funds - Business Admin Dean's Office	Basis: Compatible with Existing Computing Software Financial data software renewal for the Mike Ilitch School of Business from Bloomberg Finance.  Renewal of two licenses of Bloomberg Financial software accessed through the Bloomberg terminal system. This is a renewal of a purchase of 2 licenses, which in addition to an additional purchase (P1028223), the school will receive 9 free terminals. This provides 12 terminals in total and makes the per terminal cost less than \$500 per terminal per month.  The services for these software terminals are unique in the financial world. Bloomberg is a leader in the industry and the world's largest financial data provider. Bloomberg provides a combination of real time financial data on private and public companies and companies that are defaulted or have gone	<del>-</del>
			private. It also includes current news and events with up to 5000 daily news feeds. This combination allows for an analysis of stocks and bonds, and other investment vehicles in the context of the current economic climate.	n

competition when employers ask if students are "Bloomberg-trained."

#### Previous POs:

P1033123 - 10/4/2022 - \$13,032.00 P1028223 - 8/18/2022 - \$96,960.00 P1000495 - 10/29/2021 - \$33,014.41 P0993830 - 8/30/2021 - \$48,480.00 P0964128 - 9/16/2020 - \$94,110.00 P0960115 - 8/4/2020 - \$94,560.00 P0917072 - 6/30/2019 - \$47,280.00 P0877079 - 8/31/2018 - \$90,000.00 P0811803 - 4/17/2017 - \$51,360.00

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
30	P1058649	10XGenomics	Basis: Compatible with Existing Research Supplies Chromium Next GEM Single Cell Kits for the Center for Molecular Medicine and Genetics (CMMG)	Lawrence Grossman, Chair of the Center
		\$ 48,145.00	From 10X Genomics.	for Molecular Medicine and
		Auxiliary Funds - Ctr for Molecular Medicine & Gen	10X Genomics single-cell reagents/kits are a component of cutting-edge technology used for deconvolving tissue heterogeneity and exploring cellular transcriptomics. The reagents will be utilized with CMMG 10X chromium controller/machine for mice experiments to better understand adipose tissue complexity during development and aging.	Genetics, approved by Miriam Dixon
			10X Genomics is the sole provider of single-cell RNA sequencing system reagents. These reagents are used exclusively with the lab's 10X Chromium controller (hardware).	
			Previous POs:	
			P1040924 - 12/2022 - \$24,581.70	
			P1040113 - 12/2022 - \$22,684.50 P1036767 - 11/2022 - \$25,205.00	
			P1032263 - 09/2022 - \$44,690.40	
			P1019243 - 05/2022 - \$7,044.00	
			P1015885 - 04/2022 - \$7,044.00	
31	P1058045	National Medical Services,	Basis: Compatible with Existing Medical Examiner's Office Services	Thane Peterson -
		Inc.	In June, laboratory testing and related services for the Wayne County Medical Examiner's Office are billable to Wayne State University.	Vice Dean for the School of Medicine,
		\$ 74,274.00		Approved by
		Grant Funds - Medical	This continuation of services previously supplied on behalf of the MEO through the University of Michigan is part of the conversion to Wayne State.	Kenneth Doherty
		Examiner Office	Prior POs:	
			P1056930 - 05-24-2023 - \$66,672.00	
			P1051643 - 04/07/2023 - \$67,997.00	
			P1050717 - 03/30/2023 - \$72,397.50 P1049085 - 13/13/2023 - \$74,684.00	
			P1049085 - 13/13/2023 - \$74,684.00 P1045723 - 02/08/2023 - \$90,173.00	
			P1041845 - 12/23/2022 - \$72,492.33	
			P1041540 - 12/20/2022 - \$78,040.00	
			P1032550 - 09/28/2022 - \$200,000.00	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
32	P1057007	Blue Rose Capital Advisors \$ 138,000.00	Basis: Continuation of Specialized Services with Recommended Source Capital Market advisory services related to the existing Higher Ed Public-Private Partnership (P3 partnership) for Treasury and Housing from Blue Rose Capital Advisors.	Bethany Gielczyk, Sr Assoc VP, Fin & Deputy CFO,
		Auxiliary Funds - Off the VP Finance & Bus Ops.	Blue Rose Capital Advisors are the University's current advisor for capital markets and on the P3 partnership. They are uniquely positioned to provide these highly specialized services. There would be limited if any, other advisors who could provide these services at this juncture of the project.	approved by Miriam Dixon
			Continuity needs to be maintained, and changing vendors at this time would set the project back as another vendor would need to be brought up to speed.	
			Previous POs: P1006551 - 01/11/2022 - \$303,500.00 P1003196 - 11/30/2021 - \$ 11,500.00 P1001781 - 11/11/2021 - \$11,500.00 P0996362 - 09/21/2021 - \$11,500.00 P0993759 - 08/30/2021 - \$11,500.00 P0796121 - 12/13/2016 - \$ 298,000.00 P0795576 - 12/8/2016 - \$128,714.39	
33	P1056930	National Medical Services, Inc. \$ 66,672.00 Grant Funds - Medical Examiner Office	Basis: Compatible with Existing Medical Examiner's Office Services Laboratory testing and related services in the Month of May for the Wayne County Medical Examiner's Office, billable to Wayne State University.  This continuation of services previously supplied on behalf of the MEO through the University of Michigan is part of the conversion to Wayne State.  Prior PO: P1051643 - 04/07/2023 - \$67,997.00 P1050717 - 03/30/2023 - \$72,397.50 P1049085 - 13/13/2023 - \$74,684.00 P1045723 - 02/08/2023 - \$90,173.00 P1041845 - 12/23/2022 - \$72,492.33 P1041540 - 12/20/2022 - \$78,040.00 P1032550 - 09/28/2022 - \$200,000.00	Submitted by: Thane Peterson - Vice Dean for the School of Medicine, Approved by Kenneth Doherty

Approved by

Ann Schwartz -Deputy Director for Oncology, approved by Miriam Dixon

No	PO NUMBE	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION
34	P1055884	CrossComm Inc	Basis: Continuation of Specialized IT Services with Recommended Source Professional Services to design, build and deploy a website for the Department of Oncology from
		\$ 48,000.00	CrossComm.
		Federal Grant Funds - Oncology	The website will connect people with cancer in Michigan with resources and information to prevent and address financial hardship.
			CrossComm has a history of working with Department of Oncology in the development of related projects. They understand issues related to providing digital content to cancer survivors and community members on these projects. This expertise and history were featured in the funding proposal as evidence of successful collaboration between the organizations.
			Previous POs: P1047711 - 02/28/2023 - \$12,000
			P1038076 - 11/16/2022 - \$12,000
			P0987380 - 06/21/2021 - \$46,995
			P0967354 - 10/21/2020 - \$28,000
			P0964449 - 09/22/2020 - \$22,000
			P0953037 - 04/15/2020 - \$20,000
			P0951694 - 03/21/2020 - \$50,000
			P0944403 - 01/27/2020 - \$32,300
			P0929271 - 09/30/2019 - \$12,700 P0925482 - 09/05/2019 - \$45,000
			P0886622 - 11/05/2018 - \$55,000
			P0857265 - 04/04/2018 - \$51,400

No	PO NUMBEI	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION
35	P1055883	University of Chicago	Basis: Compatible with and Continuation of Specialized Services Renewal subscription of the Center for Research in Security Prices (CRSP) data for the Finance
		\$ 28,410.00	Department from the University of Chicago.
		General Funds - Finance	The Finance Department purchases data from vendors for research and teaching materials. CRSP provides accuracy, depth, and breadth of history and permanent identifiers. CRSP's unique and permanent security and company identifiers, PERMNO® and PERMCO®, offer uninterrupted timeseries analysis by tracking securities across time, regardless of identifier changes to CUSIP, ticker, company name, SIC Code, and exchange. This feature permits accurate time series and events studies.  The University of Chicago is the only supplier of this type of data.
			Previous POs:
			P1028445 - 08/19/2022 - \$10,450.00
			P1008322 - 02/01/2022 - \$229,636.00
			P1008047 - 01/27/2022 - \$20,000.00
			P1003427 - 12/01/2021 - \$27,180.00
			P0990563 - 07/29/2021 - \$9,950.00
			P0976290 - 02/11/2021 - \$6,509.64 P0973150 - 01/07/2021 -\$26,390.00
			10575150 01/07/2021 420/550.00

#### Approved by

Marick Masters, Chair - Department of Finance, approved by Miriam Dixon

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
36	P1054749	Southeastern Michigan Health Association \$ 28,620.00	<b>Basis: Continuation of Specialized Services with Recommended Source</b> Fiscal Management services for the Department of Oncology from Southeast Michigan Health Association (SEMHA).	Evano Piasentin, Associate Center Director, Research Administration, KCI,
		Federal Grant Funds - Oncology	SEMHA will provide fiscal management services to PROJECT's community/public health programs, specifically payment for community partners. A collaboration will be created between WSU and SEMHA that will allow the preparation and management of fiscal records. The services will include source documents and support program expenditures. This will help advance the Department of Oncology's initiatives and factors that impact the health and well-being of the communities they serve in Urban populations.	approved by Miriam Dixon
			The CVS Health grant is providing the funding for this new initiative. Further, there is no other local organization that links SEMHA in research initiatives.	
			Previous POs: P0989850 - 07/20/2021 - \$139,623 P0836576 - 10/19/2017 - \$68,000 P0774093 - 06/26/2016 - \$72,303 P0605854 - 09/18/2012 - \$76,699	
37	P1054745	Scripps Media, Inc.	Basis: Continuation with OEM Source for Specialized Advertising Services  Advertising Services for the Office of the Vice President for Research (OVPR) from E.W.	Phillip Levy - Assistant Vice
		\$ 141,130.00	Scripps/WXYZ.	President for Research, approved
		Grant Funds - VP Research	E.W. Scripps/WXYZ will provide TV and screening advertisements on WXYZ, WMYD, BOUNCE, and Over-the-Top for the Wayne Health Mobile Unit to promote the mobile unit services by targeting Detroit viewers. The OVPR previously used WDIV for this service but did not provide as many viewing options. WXYZ provides free services, such as the filming of the segments and bonus airtime.	by Kenneth Doherty
			The OVPR met with the different networks and will continue to do so to determine which network provides the most targeted viewers and the best marketing options.	
			Previous PO: P1047292 - 2/22/2023 - \$157,878.00	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
38	P1054299	Enviro-Aire, Inc. \$ 28,000.00	Basis: Continuation of Specialized Services with Recommended Source Airflow adjustments for the Division of Laboratory Animal Resources (DLAR) from Enviro-Aire Total Balance.	Michael Bradley, Director - Department of
		Administration (positive/negative) is proper These services are necessary	Airflow adjustments in approximately 200 rooms are required to ensure air pressure (positive/negative) is proper, and each room has the required 10-15 air changes per hour. These services are necessary for the Association for Assessment and Accreditation for Laboratory Animal Care (AAALAC) visit in Fall 2023.	Laboratory Animal Resources, approved by Miriam Dixon.
			Enviro-Aire has performed this service for WSU for the last seven AAALAC Accreditation visits. They are familiar with the air handling systems on campus and university operations. Enviro-Aire is also familiar with the campus layout, is properly trained on precautions for entering the vivarium, and has provided outstanding service for over 20 years.	

DLAR is not aware of other companies that perform these services.

Previous POs:

P1052183 - 4/13/2023 - \$80,650 P1025067 - 7/19/2022 - \$80,650 P0956745 - 6/19/2020 - \$27,000

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
39	P1053986	Kelley CawthorneConsulting LLC \$ 125,895.00 General Funds - Govt Affairs - State Relations	Basis: Continuation of Proven Source for Professional Advisory Services Lobbying and Consulting services in Lansing for Government & Community Affairs through Kelly Cawthorne PLLC. Government and Community Affairs have utilized the lobbying and consulting services of Kelly Cawthorne since 2001. They are pleased with Kelly Cawthorne's services and prefer not to consider other options based on the long-standing relationship.  Given the addition of government health affairs to the Division and the need for continuity on several very high-level health affairs initiatives, Governmental Affairs determined it is in the University's best interest to maintain its affiliation with Kelley Cawthorne.  Lansing's other known lobbying firms have ties to other higher education institutions.  Previous POs include: P1011143 - 03-21-2022 -\$125,000 P0973044 - 01-06-2021 - \$125,895 P0932524 - 10-02-2019 - \$123,172 P0882735 - 10-08-2018 - \$120,450 P0860112 - 04-23-2018 - \$115,500 P0787901 - 10-11-2016 - \$115,500	Patrick O'Lindsey, VP Government & Community Affairs; approved by Michael Wright
40	P1034221-A	Nicholas A. Shawver  \$ 85,000.00  Auxiliary Funds - WDET- Programming and Production	Basis: Continuation of Specialized Services with Recommended Source Radio Programming Services for WDET - FM Radio from Nicholas A. Shawver.  This bid waiver will increase the existing Purchase Order (PO) P1034221 by \$35,000, from \$50,000 to \$85,000.  Nicholas A. Shawver is the creator, host, and radio personality of the weekly "Soul Saturday" radio program. He develops and creates material for the station, broadcasts weekly promotional spots, and participates in station meetings. He also consults and participates in "on air" and "off air" fundraising, as well as provides "voice-over" services as needed. As the host and creator of "Soul Saturday," the program services can only be provided by Nicholas A. Shawver.  The increase will cover the cost of additional producer and consulting services through Nick.  Previous PO: P0995863 - 11/2021 - \$31,570	Mary Zatina, Senior Director & General Manager for WDET Radio, approved by Kenneth Doherty

No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
41	P1040432-A Colliers International Holdings (USA) Inc	Basis: Continuation of Specialized Services with Recommended Source Property Management of satellite educational centers for Facilities Planning & Management (FPM) from Colliers International Holdings.	Robert Davenport, AVP for Facilities Planning &
	\$ 670,000.00		Management,
	General Funds - FP&M Facilities Operations	This bid waiver is to increase an existing PO P1040432 by \$90,000.00, from \$400,000.00 to \$490,000.00.	approved by Kenneth Doherty
		Colliers International Holdings currently provides complete property maintenance services for two (2) satellite sites under the direction of FPM. The sites include the Advanced Technology Education Center (ATEC) and Macomb Education Center (MEC). The 400 Mack Avenue facility is becoming a part of WSU, and FPM needs support for this location for the upcoming year.	
		Colliers has been University's strategic partner for the satellite sites for the past 6 years and can provide services for the 400 Mack location.	
		Previous POs: P1040432 - 10/01/2022 - \$400,000.00	

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

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
42	P1046019-A	Lassers CPR LLC \$ 39,844.00	<b>Basis: Continuation of Specialized Services with Recommended Source</b> Media Content Consulting Services for the Department of Psychiatry from Lassers CPR, LLC.	Jennifer Ballard- Traynor - Director for Psychiatry and
		Grant Funds - Psychiatry	This bid waiver is to increase an existing Purchase Order (PO) P1046019 by \$29,050.00, from $$10,794.00$ to $$39,844.00$ .	Behavioral Neurosciences, approved by
			Lassers CPR will create podcasts, webinars, social media clips, and other media services for the Michigan Department of Health and Human Services (MDHHS) Frontline Strong Together (FST) Grant. Podcasts have been created and distributed monthly since February 2023, and are expected to increase bi-weekly, beginning August 2023. Lassers CPR is also listed on the MDHHS FST Grant.	Kenneth Doherty
			It was important for the FST grant to have the podcast hosted by a Michigan first responder. Geoff Lassers, owner of Lassers CPR is a firefighter, paramedic, and EMS instructor with the West Bloomfield Fire Department. He has extensive research in hosting podcasts and has all his own equipment. He is well-connected with first responders in Michigan, making him the ideal host for this podcast and webinars.	
43	P1028185-A	The Douglas Stewart Co., Inc.	Basis: Compatible with Existing Computing Software  Adobe perpetual desktop and cloud subscription software licenses for Computing & Information Technology (C&IT) from Douglas Stewart.	Rob Thompson, AVP for Computing & Information
		\$ 161,000.00 General Funds - C&IT Software Clearinghouse	The licenses will be purchased via a blanket order for distribution and use on individual and lab departmental machines and for student sale and use. Wayne State University/C&IT is an Adobe Direct Reseller which allows C&IT to buy at a lower reseller level, pricing from the distributor.	Technology, approved by Kenneth Doherty
			The Adobe representative has confirmed that Douglas Stewart continues to be the only distributor for this Adobe software, and thus the request is to allow this blanket to continue.	
			Previous POs: P0993869 - 08/30/2021 - \$179,000.00 P0962891 - 09/03/2020 - \$161,000.00 P0929344 - 09/30/2019 - \$161,000.00 P0879301 - 09/17/2018 - \$140,000.00 P0833848 - 10/02/2017 - \$130,000.00 P0785741 - 09/27/2016 - \$72,239.69	

No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
44	P1006551-A Blue Rose Capital Advisors \$ 303,500.00 Auxiliary Funds - Off of the	Basis: Continuation of Specialized Services with Recommended Source Capital Market advisory services for Treasury and Housing from Blue Rose Capital Advisors.  This bid waiver is to increase the existing Purchase Order (PO) P1006551 by \$138,000, from \$200,000 to \$338,000.	Bethany Gielczyk, Sr Associate VP, Finance & Deputy CFO, approved by Ken Doherty
	VP Finance & Bus Ops.	Blue Rose Capital Advisors will provide capital market advisory services related to the existing Public-Private Partnership (P3). They are the University's current capital markets advisor on the P3 partnership and are uniquely positioned to provide these highly specialized services. There are limited, if any, other advisors who could provide these services at this juncture of the project. This specialized service is a continuation of the current contract.	
		Previous POs: P1006551 - 01/11/2022 - \$303,500.00 P0977797 - 03/02/2021 - \$34,500.00 P0960713 - 08/10/2020 - \$95,994.00 P0932767 - 10/22/2019 - \$85,254.00 P0911945 - 05/21/2019 - \$50,000.00 P0796121 - 12/13/2016 - \$298,000.00 P0795576 - 12/08/2016 - \$128,714.39	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
45	P1034522-A	Alfa Jango LLC	Basis: Continuation of Specialized Services with Recommended Source Custom web development for the Reuther Library from Alfa Jango.	Aliqae Geraci, Director of the
		\$ 77,529.80	Ti. I.I	Reuther Library,
		Auxiliary Funds - Reuther Archives Labor Affairs Adm	This bid waiver is to increase an existing Purchase Order (PO) by \$30,000.00, from \$47,529.80 to \$77,520.80.	approved by Miriam Dixon
			Alfa Jango utilizes the University software platform (Omeka-S) to create a website featuring digitized archival collections held by the Reuther Library. The collection documents the life and legacy of Walter P. Reuther and his leadership of the United Auto Workers and is funded by the Walter and May Reuther Memorial Fund.	
			Alfa Jango is an experienced partner of the University Libraries and regional academic libraries on similar projects. This project is National Historical Publications and Records Commission (NHPRC) funded by a grant to the College of Education in partnership with Reuther Library staff, "Bridging the Gap: Archives in the Classroom and Community". Project deliverables are donor-driven, vary from standard services offered by University and Archives staff, and exceed their capacity.	
			Previous POs: P1034522 - 10/14/2022 - \$47,529.80 P0992700 - 08/19/2021 - \$67,603.50 P0927905 - 09/20/2019 - \$7,500.00 P0881399 - 09/29/2018 - \$2,632.50 P0877381 - 09/04/2018 - \$10,676.25 P0873758 - 08/07/2018 - \$3,733.75 P0872483 - 07/27/2018 - \$3,356.25 P0868690 - 06/28/2018 - \$4,952.85 P0866598 - 06/13/2018 - \$7,902.15 P0865089 - 05/31/2018 - \$1,395.00 P0863210 - 05/16/2018 - \$4,913.85	

P0854964 - 03/16/2018 - \$17,000.00

24 / \$ 2,882,530.85

E. PARTNERSHIPS/SPONSORS

0 / \$ 0.00

F. Bid Waiver not signed off by Procurement. The ordering Dept signed off on the contract.

No	PO NUMBE	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
		0 / \$ 0.00		
	G. OTHER	(SEE EXPLANATION)		
46	P1062988	LEG Inc	Basis: Recommended Source for Specialized Educational Services  Bar Examination Preparation program for WSU Law School from AdaptiBar.	Richard Bierschbach Dean of the Law
		\$ 30,600.00		School, approved by
		Federal Grant Funds - Law School Administration	This study program offers specific multi-state bar exam preparation using only released questions written by and licensed by the National Conference of Bar Examiners.	Miriam Dixon
			AdaptiBar offers a unique program that works with law school administration to monitor student progress. The AdaptiBar program uses patented technology that recognizes the subjects students excel in and those that need more work. The program tailors the questions that students answer to that student. The algorithm allows students to work on their weak areas while attending to their strengths.	
			The Law School found another company, UWorld, but it does not offer the same features or administrative support. This program is unique in its approach to helping students' study. The law	

school is heavily invested in our students passing the bar exam.

feature for an additional charge. For instance, the Infinity software is accessible through any electronic device, including phones and tablets, through Apps provided at no charge. This service is not available in ilab. Another standard service provided by Infinity that is not available through llab is an encumbrance. Infinity software encumbers the fee when the reservation is made before the invoice is generated to ensure sufficient funds will be available for payment when the job is completed. In ilab, this is a paid add-on, and efforts by ilab to implement this functionality at WSU

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
47	P1061481	FUNDING SOURCE  Idea Elan LLC  \$ 35,000.00  ICR Funds - Funded Project Support	Basis: Informal Quotes obtained by the Requesting Department Infinity core management software for the Office of the Vice President for Research from Idea Elan.  WSU operates 20 research core facilities. Skilled professionals operate these cores and provide state-of-the-art technical services to researchers for whom the services would be 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 using 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: llab, which was recently acquired by Agilent Technologies, and Infinity (Idea Elan). The University started using llab in 2010, when they were the only provider of core software. Since being acquired by Agilent, the quality of service has decreased, there have been numerous technical issues, prices have increased, and they cannot provide some of the required services.	Stephen Lanier, Vice President for Research, approved by Kenneth Doherty
			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	

were unsuccessful.

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
48	P1060556	Shock Brothers Floorcovering Inc	Basis: Recommended Source for Specialized Equipment Taraflex Sport M Plus Official Volleyball court flooring for Office of Athletics from Shock Brothers	Erika Wallace, Interin Athletic Director, approved
		\$ 146,850.00  Auxiliary Funds - Athletics Office of the Director	The Taraflex Sport M Volleyball court flooring is a specialized floor which may be installed over existing hard wood floors and removed as needed in the Matthaei building. The flexibility of this flooring will allow the Matthaei gym to be utilized for multiple purposes such as team practices, Intramural sports, classes and special events (Commencements, Robotics, etc.). This was the only	by Kenneth Doherty
			flooring product found to have the capabilities of a loose-lay court installation option.  While other multipurpose sports floors are on the market, thy Athletic Department has not found	
			another that may be rolled up and stored in the same manner. Another vendor, Sports Court, offers a portable volleyball floor that can be installed over a wooden gym floor; however, the product is made from plastic tiles that snap together and does not come in the rolled, loose-lay application found in the Taraflex Sports Floor. The Sports Court tile type flooring would involve a more labor intense installation and dissemble process, which would be an issue when quickly converting from one sporting event to another in the same building location.	
			The Taraflex SportM Volleyball court floor product meets Olympic and NCAA standards. Athletics consulted with both UofM and MSU prior to making this selection.	
			Previous Shock Brothers POs: P1059703 - 6/27/23 - \$ 21,493 P1059697 - 6/27/23 - \$ 15,240	
			P1058628 - 6/14/23 - \$ 23,150 P1056048 - 5/18/23 - \$ 76,500 P1056049 - 5/18/23 - \$ 44,150	

P1055477 - 5/12/23 - \$ 76,500 P1042422 - 1/06/23 - \$163,498

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
49	P1059633	Independent Casting Inc. \$ 41,728.00  General Funds - Kalman, Lauren	Basis: Continuation of Specialized Services with Recommended Source Molds and casts for the Art Department from Independent Casting Inc.  This is an extension of a project they started last year. They made life-cast body molds for Lauren Kalman. They must continue the project because of their specialized knowledge of these particular molds. These molds will be used to support two new research projects.  The company is making 2 arms plus hands (articulated at the elbow and wrist, so in 3 parts each), 2 hands, 2 legs (articulated at the knee, so in 2 parts each), 1 head, 1 torso (articulated at the waist, so 2 parts), and 1 lower torso.  Previous POs: P1011394 3/03/2022 \$8,550.00 P1058765 6/15/2023 \$18,815.00	Lauren Kalman, Department Chair, approved by Kenneth Doherty
50	P1059487	StarRez, Inc. \$ 91,014.00 Auxiliary Funds - Housing	Basis: Informal Quotes obtained by the Requesting Department Software Solution for the University Housing Department from StarRez.  StarRez is a cloud-based Housing Management System. It is used to increase recruitment, retention, occupancy, revenue, and resident satisfaction. The Housing Department has been using "The Housing Director" system by Adirondack, since 2014. Adirondak was acquired by StarRez and is still offered; however, support for the current system is being reduced. The Housing Department notes dissatisfaction with the tech support and decreased functionality/usability of the current system.  Other vendors provide housing industry software but are not designed for higher education institutions. The StarRez system is specifically designed for higher education and is currently used at other universities.  The system was vetted with C&IT and is acceptable from a privacy and security standpoint.	Nikki Dunham, Senior Director, Housing & , Residential Life, approved by Kenneth Doherty

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
51	P1059357	A&G Ideas S.L.	<b>Basis: Continuation of Specialized Services with Recommended Source</b> Continuation of Consulting services for Physics from Dr. Victor Gonzalez at A&G Ideas. This includes	Edward M. Cackett / Professor and Chair
		\$ 70,000.00	participation/membership to the CERN / ALICE collaboration for the Department of Physics and Astronomy from A&G Ideas.	in Physics, approved by Kenneth Doherty
		Grant Funds -		
		Physics+Astronomy Admin	This membership includes the analysis of datasets acquired by the collaboration to measure correlation functions, balance functions, and various support materials. It also includes preparing and publishing papers reporting the completed analysis and presentations at conferences of produced results as appropriate based on discussion between Dr. Gonzalez from A&G Ideas, Dr. Pruneau, and the ALICE Collaboration.	
			Dr. Gonzalez is the leading expert in analyzing correlation functions in heavy-ion physics. He has the	
			expertise and all the software and tools necessary to conduct this work efficiently and swiftly.	
			Recruiting another person (e.g., post-doc) to carry on these tasks would result in a significant delay. Few people worldwide are proficient in analyzing correlation functions in heavy ion physics, and Dr. Gonzalez is an expert on this topic. Training another postdoc to acquire similar skills in the theoretical and practical aspects of this analysis would take at least one year and significantly delay the completion of the project.	
			Previous POs: P0956085 - 06/2020 - \$166,500	

P0946148 - 02/2020 - \$18,123

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
52	P1057185	Lasalle Group, Inc.	Basis: Continuation of Specialized Construction Services with Recommended Source Waterproofing of the Student Center Service dock for Facilities Planning and Management (FPM)	Robert Davenport, AVP for Facilities
		\$ 248,743.00	from the LaSalle Group.	Planning & Management,
		General Funds - FP&M Facilities Operations	The waterproofing need arose during the concrete replacement of the Student Center Service Dock. LaSalle is currently working on the concrete under PO P1028410 and can perform and Coordinate the waterproofing simultaneously.	approved by Kenneth Doherty
			While other contractors can perform the waterproofing work, there was a need to address the need while continuing and coordinating the concrete replacement already in progress. LaSalle had access to the material, labor, and waterproofing experts.	
			A discussion was held with an additional contractor, but receiving the waterproofing materials will take up to four weeks. LaSalle is currently a preferred Time and Materials vendor and has a contract with the University.	
			Previous POs: P1043462 - 01/18/2023 - \$35,000	

P1033039 - 10/03/2022 - \$30,000 P1028423 - 08/19/2022 - \$215,000 P1028410 - 08/19/2022 - \$320,000 P0996742 - 09/23/2021 - \$47,652

No	PO NUMBEI	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
53	P1057061	Two Times Pi	Basis: Informal Quotes obtained by the Requesting Department  Design and program augmented reality (AR) human encounter scenarios for the Department of	David Rosenberg, Chair of Psychiatry,
		\$ 301,275.00	Psychiatry from Two Times Pi.	approved by Kenneth Doherty
		Grant Funds - Psychiatry	The scenarios are for treating posttraumatic stress disorder (PTSD) for Michigan first responders (police, firefighters, EMTs, dispatch, and correction officers) with work-related trauma. Two Times Pi will create three (3) scenarios, review and & one (1) existing scenario (crowded scene) and create 26 human avatars for this project. This is part of the Michigan Department of Health & Human Services Frontline Strong Together grant in Psychiatry.	
			The application being built is the first AR system for treating PTSD. It is a complex software program requiring high-level expertise and field experience. Due to the complexities of this app development, the internal team of computer scientists met with three (3) companies for quotes.	
			Two Times Pi was chosen based on price, experience/references/ portfolio examples, and time to completion. CrossComm's cost was higher, and they have less experience creating digital humans, which is an integral aspect of this app creation. Dubovision's quote was less for the same number of scenarios, but only 10-12 digital humans, whereas Two Times Pi is creating 26. Also, the time frame was double the time to complete the project.	

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
54	P1056991	Southeastern Michigan Health Association \$ 30,000.00 Auxiliary Funds - Oncology	Basis: Identified within and Requirement of the Grant Collaborative services for the Department of Oncology from Southeast Michigan Health Association (SEMHA).  SEMHA will appoint staff to provide expertise and technical support for a project to create and sustain a citywide health equity coalition. This initiative is funded by CVS Health and within that initiative's timeline. SEMHA will ensure continuity regarding the specific staff members assigned to this project.  This request is to create a collaboration between WSU and SEMHA that will support the project and manage vetting and enlisting at least sixteen (16) community-based organizations or individuals to serve on the coalition, with at least twelve (12) of these members representing organizations that serve persistent poverty areas and four (4) members who are residents of a persistent poverty area.  The CVS Health grant is providing the funding for this new initiative, and upon research, no other local organization is known that links SEMHA in research initiatives.  Previous POs: P1054749 - 05/08/2023 - \$28,620.00 P0989850 - 07/20/2021 - \$139,623.00 P0836576 - 10/19/2017 - \$68,000.00 P0774093 - 06/26/2016 - \$72,303.00	Evano Piasentin, Associate Center Director, Research Administration, KCI, approved by Miriam Dixon
55	P1056878	Belfor Group USA Inc \$ 54,258.19 Plant Funds - FP+M Office of Assoc VP	Basis: Urgent or Emergency Services Emergency mold remediation for Facilities Planning & Management from Belfor.  After a flood in the Applebaum building, mold was discovered on the back of the drywall. The Office of Environmental Health and Safety (OEHS) examined and recommended emergency mitigation of the mold to protect human health and research integrity.  Removing the mold from the building was urgent, and Belfor has previously performed work for the University. Therefore, they were contacted to remediate the mold.  Previous POs: P1042947 - 01/12/2023 - \$19,186.55 P1042949 - 01/12/2023 - \$23,049.36 P1038565 - 11/21/202 2- \$16,551.29	Robert Davenport, AVP for Facilities Planning & Management, approved by Miriam Dixon

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
56	P1056142	Hammond & Associates LLC	Basis: Continuation of Specialized Services with Recommended Source Continuance of consulting for WDET from Hammond & Associates.	Mary Zatina, Senior Director & General
		\$ 56,000.00		Manager for WDET
			The consulting will continue from Phase I for WDET's capital campaign to fund a move to the Leonar	
		Programming and Production donor cultivation an identifying top dono  Hammond & Associa both a value to the previously provided completed Phase I o  Current staffing cap provided by Hammon donors in this area as Previous PO:	N. Simons building on Woodward and Hancock. In Phase II, Hammond & Associates will guide donor cultivation and solicitation and assist in identifying and recruiting campaign leadership by identifying top donor prospects and data analysis from Phase I.	Kenneth Doherty
			Hammond & Associates has unique knowledge of Wayne State's mission and values that represent	
			both a value to the University and something a new consultant could not duplicate. They have previously provided consulting and advisory services related to WSU capital campaigns and	
			completed Phase I of the project. This is a sequential and integrated next phase for raising funds.	
			Current staffing capability levels are insufficient to carry out the necessary functions that will be provided by Hammond & Associates. This firm has unique and longstanding relationships with major donors in this area and is recognized for its arts and culture philanthropic consulting.	
			Previous PO: P1029075 - 08/26/2022 - \$22,000	

No	PO NUMBER	VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
57	TEMP_PO_04	\$ 60,590.00	<b>Basis: Recommended Source for Specialized Professional Services</b> Design and installation of a permanent fall protection system for Design & Construction Services (DCS) from Skyline Fall Protection.	Robert Davenport, AVP for Facilities Planning & Management,
		Plant Funds - FP+M Office of Assoc VP	Skyline will provide design, installation, and training for the fall protection systems at the Gateway Theatre Catwalk and Tech Gallery Upper and Lower walkways. This work must be done in accordance with the Occupational Safety and Health Administration (OSHA) and American Society of Mechanical Engineers (ASME) compliant maintenance system standards.	approved by Miriam
			The fall protection design and build were originally included in the scope of work for the Architect and Engineer (A/E) and contractor. Unfortunately, the A/E could not provide a timely and viable solution.	
			The need for fall protection at the Theatre is time sensitive and a safety priority to have in place prior to the first scheduled event.	
			Previous PO: P1050515 - 03/23/2023 - \$7,256.00	
58	P1055887	Nicros, Inc.	Basis: Informal Quotes obtained by the Requesting Department Construction services for the climbing wall at the fitness center for Facilities Planning and	_
		\$ 81,180.20	Management (FPM) from Nicros.	
		Plant Funds - FP+M Office of Assoc VP	This project includes materials and labor to install a Nicros Nicrolite™ Climbing Wall System. The scope includes all design, engineering (to meet or exceed the 2009 CWA General Specification for the Design and Engineering of Artificial Climbing Structures), equipment, parts, and travel and lodgin The wall construction will rely on an engineering review of the connection to the building, surrounding structure, or concrete slab.	
			Very few vendors provide bouldering wall systems. The Mort Harris Fitness Center staff received three quotes prior to the involvement of FPM. Nicros was the low bid and the current vendor for the existing climbing wall making this project seamless to what is already installed at the fitness center.	
			Previous POs: P0891349 - 12/11/2018 - \$10,290 P0813186 - 04/26/2017 - \$2,400	

No	PO NUMBER	R VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
59	P1055880	U.S. Toy Co., Inc	Basis: Informal Quotes obtained by the Requesting Department Poured-in-Place (PIP) Playground and ground surfacing for Facilities Planning and Management (FPM) from US Toy Company.	
		\$ 27,995.04		
		Federal Grant Funds -Merrill- Palmer Institute	US Toy offers an all-in-one product that will provide the ground preparation work for the Freer House. The same company has been contracted to do the Rands House exterior play area. Since the product comes from out of state, it made sense to tie these projects together to get the best value. They are a unique source, and no other options were located to provide an all-in-one service. The original plan was to use a general contractor for the site preparation work and a different contractor to apply the PIP rubber flooring. FPM looked at several local vendors, and the cost was much higher to prepare the space and provide alternate surfacing.	
			Previous PO: P1054302 - 5/3/2023 - \$29,513.82	
60	P1054302	U.S. Toy Co., Inc		Robert Davenport, AVP for Facilities Planning & Management, approved by Miriam Dixon
		\$ 34,117.42	Management (FPM) from US Toy Company.	
		Plant Funds - FP+M Office of Assoc VP	US Toy offers an all-in-one product that will provide the ground preparation work for the Rands House exterior play area. They are a unique source, and no other options provided an all-in-one service. The original plan was to use a general contractor for the site preparation work and a different contractor to apply the PIP rubber flooring. FPM looked at several local vendors, and the cost was much higher to prepare the space and provide alternate surfacing.	
61	P1057292	Patch My PC LLC	Basis: Recommended Source for Specialized IT Technology Professional Services for Computing & Information Technology, Campus and Classroom Technology	Rob Thompson, AVP for Computing & Information Technology, approved by Miriam Dixon
		\$ 21,105.00	Services (CCTS), from Patch My PC.	
		General Funds - Thompson Rob	Patch My PC is a service to simplify Third-Party application management. This allows CCTS to leverage the current endpoint management infrastructure to address vulnerabilities in outdated software. The service creates and tests the deployment payload of many common applications and allows users to download the package for deployment.	
			This is proprietary software, and no other software can provide this level of granular control, complete packaging, and automation.	
			This is year one of a three-year service agreement for a total spend of \$63,315.00.	

No		ENDOR / PRICE UNDING SOURCE	DESCRIPTION	Approved by
62	P1037902-A De	troit Medical Center	Basis: Use of a University Affiliate for Specialized Services Research Participant blood draws and analysis for the Institute of Gerontology from Detroit Medical	Peter Lichtenberg, Director of the
	\$	25,000.00	Center (DMC).	Institute of Gerontology,
	_	irant Funds - Institute of erontology	This bid waiver is to increase an existing Purchase Order (PO) P1037902 by $\$5,000$ , from $\$20,000$ to $\$25,000$ .	approved by Miriam Dixon
			DMC provides research participants with blood draws and lab tests for a research project for Neural Correlates and Modifiers of cognitive aging. The research subjects are escorted to the facility by research staff. DMC is the only hospital nearby to perform blood draws and data analysis. In addition, DMC has provided these services since 2019.	
			Previous PO: P0795677 - 2016/2019 \$74,800	

No	PO NUMBER VENDOR / PRICE FUNDING SOURCE	DESCRIPTION	Approved by
63	P1047616-A Heuking Kuhn Luer Wojtek PartGmbB	<b>Basis: Continuation of Specialized Services with Recommended Source</b> Specialized German employment law consulting and representation for the Office of International Programs, Junior Year in Munich (JYM) from Heuking Kuhn Luer Wojtek PartGmbB.	Lisabeth Hock, Program Director, Junior Year in
	\$ 25,823.01  General Funds - Internation  Programs Admin	This bid waiver is to increase an existing Purchase Order (PO) P1047616 by \$10,090.40, from onal \$15,000 to \$25,090.40.	Munich, approved by Kenneth Doherty
	rrograms Admin	JYM has worked with this law firm since 2020. Other German law firms specialize in German employment law; however, given the historical knowledge of Heuking Kuhn Luer Wojtek PartGmbB and their work, it would not make sense to find a new firm. A new lawyer would require several hours of billed time to become familiar with the organization, staff structure, and current situation facing WSU/JYM.	
		The JYM Director collaborated with the WSU Office of General Counsel (OGC) to approve the German Employment law firm and has collaborated with them for the past three years. OGC approved the decision to work with this firm because of its expertise in work law. Michael Poterala signed the agreement on April 14, 2023.	
		The firm also has expertise in the law of registered associations, a legal form that the Junior Year in Munich has had to assume because of banking issues in Germany. The firm's lawyers are now familiar with the needs and situation of the Junior Year in Munich Program.	
		Previous POs: P1047616 - 02/27/2023 - \$15,000.00 P1031931 - 09/22/2022 - \$89.54 P1031930 - 09/22/2022 - \$15,000.00 P1031932 - 09/22/2022 - \$20,093.57 P1012383 - 03/14/2022 - \$1,119.95 P1010566 - 02/23/2022 - \$4,600.00 P0972477 - 12/21/2020 - \$1,815.00	

18 / \$1,381,278.86

Total 63 / \$6,758,003.60