Submitted by: William Decatur, Vice President for Finance and Business Operations

## **PURCHASING EXCEPTIONS**

Attached is a summary report of purchase orders (POs) greater than \$25,000 that were issued between June and September 2016 without soliciting competitive bids. POs are summarized in the following categories:

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

All requests for bid waivers were evaluated and approved in accordance with University policies.

PO NUMBE	R VENDOR	FUNDING TYPE/SOURCE/UNIT	PRICE	DESCRIPTION	Approved by
A. SCIENTIF	IC JUDGMENT (S03, S04)				
P0773969	ProteinSimple	Grant Contracts Restricted Gift Accounts, Pediatrics Admin.	\$246,135.00	refurbished NanoPro 1000 at a more competitive price. Rather than	Gwyn Kropp, Director at Pediatrics, approved by Ken Doherty
P0774815	Clinical Image Retrevial Systems	General Funds, College of Liberal Arts Omnibus Fee	\$28,118.00	US Vendor to purchase it from.	Margaret Greenwald - Chair & Peter Hoffman Assoc Dean CLAS, approved by Ken Doherty
P0776652	Becton Dickinson & Company	Grant Fund, Contracts and Restricted Funds, Civil/Environmental Engg	\$64,800.00	offers transportability, open fluidics system, ability to determine sample volume and calculate cell concentration directly. In addition, this system meets the specific need of	Mumtaz Usmen, Chairman Civil & Enviironmental Engg, approved by Kenneth Doherty
P0776317	Quanterix/Americorp Financial	Grant Fund, Contracts and Restricted Fund, Ford/Webber Endowed Chair in General Surgery	\$149,281.00	fully automated instrument platform is capable of measuring individual	Donald Weaver, Chairman of Surgery, approved by Ken Doherty
P0775696	Nanonics Imaging Ltd	GeneralFund Accounts, Faculty Startup Account Mechanical Engg	\$172,403.00	for Leela Arava in Engineering. This custom microscope is comprised of components from an SECM and Raman spectroscopy. Since this is a	Dr Nabil Chalhaub Department Chair Mechanical Engg, approved by Ken Doherty

PO NUMBE	R VENDOR	FUNDING TYPE/SOURCE/UNIT	PRICE	DESCRIPTION	Approved by
P0776124	ParvoMedics	General Fund Account, College of Fine Arts and Communications	\$49,800.00	Metabolic Measurement System from ParvoMedics, for Dr. Burghardt in Food & Nutrition Sciences. Other manufacturers have this type of instrumentation; however, none will integrate the ECG and control the ergometer workloads as well as this one does. This system was also used by Dr. Burghardt at UM and it is important to keep the continuity of the research he started when at UM.	Ahmad Heydari, Chair of Nutrition & Food Science, approved by Ken Doherty
P0775560	Shimadzu Scientific Instruments	General Fund Accounts, Chemistry Department, Grants Contracts	\$59,418.00	Dispersive X-Ray Spectrometer for Dr. Judy Westrick in the Lumigen Core in Chemistry - This equipment will work with the Shimadzu webbased HPLC System Controller already in the Lumigen Center (Purchased on P0670255). The two instruments share common software and operating procedures.	Judy Westrick Director of Lumingen Instrument Center, approved by Ken Doherty
P0781547	Illumina	General Fund Account, Research Excellence Ctrs and Faculty Start up Accounts Center for Molecular Med & Genetics	\$40,559.06	NeoPrep Library System from Illumina for CMMG. This equipment is an add-on to the Illumina NextSeq 500 Sequencing System purchased on P0669452, cost \$296,421. These two instruments will work in tandem and no other manufacturer's instrument will work with the NextSeq.	Lawrence Grossman/David Wissbrun for CMMG, approved by Ken Doherty
P0779166	Interworld Highway	General Fund Account Dept of Engineering, ECE Admin	\$103,924.55	Rigol oscilloscopes, generators, digital multimeters, power supplies, and digital logic adapters from Interworld Highway, for Andrew Murrell in Engineering. The department looked at Tektronix and Keithly instruments as well. Interworld Highway, selling TE Instruments came in at a lower cost.	Farshad Fotouhi, Dean of Engineering, approved by Ken Doherty
P0779498	LiCor Inc	Grants, Contracts, Restricted Gift Accounts; Designated Fund Accounts, Anatomy Admin	\$32,103.76	Odyssey Fe Imaging system from Li-Cor Inc for Dr. Goebel in Anatomy. His research involves the monitoring of neuronal signaling events linked to several phosphorylated regulated proteins using Western blot detection. Using Western Blot, quantitative analysis of phosphorylated-regulated proteins from a single sample is currently restricted. Odyssey Fe Imaging system is designed to provide analytical analysis that allows for direct simultaneous detection of dual probes from a single blot which will save time and reagent cost. The instrument also provides a linear range of detection covering Glog units of intensity, which allows to detect and quantify a targeted protein accurately. No other system offers these specifications.	Linda Hazlett, Interim Vice Dean for Research, approved by Ken Doherty

PO NUMBE	R VENDOR	FUNDING TYPE/SOURCE/UNIT	PRICE	DESCRIPTION	Approved by
P0778271	Cryomagnetics	General Fund Account, Research Stimulation Awards	\$45,700.00	Cryogen Free Magnet and Power supply for the Dilution Refrigerator from Cryomagnetics for Jian Huang. Jian already has a dry dilution refrigerator and Cryomagnetics has the experience of designing and manufacturing this type of magnets. They are willing to customize to suit the special cooling design in his dilution refrigerator.	Dr. Dave Cinabro Chair of Physics, approved by Ken Doherty
P0778333	Mager Scientific	General Fund Account, Indirect Cost Return Accounts	\$51,136.60	Nikon epifluorescent microscope from Mager Scientific for Tom Linz in Chemistry. This is the only microscope that offers all the following criteria required for the epifluorescent microscopy experiments being performed: field of view, working distance, electronic shutter control, multi-zoom capabilities, sub-micron stage precision tolerance, multi-wavelength imaging, quantitative fluorescence measurements. Mager is the local authorized distributor for Nikon.	Matthew Allen - Chair of Chemistry, approved by Ken Doherty
P0784288	Fisher Scientific	Grant Fund Accounts, Civil/Environmental Engg Admin	\$42,057.73	Solid Phase Extraction System from Fisher for Tracie Baker in Civil Engineering. There are not many SPE systems on the market. Engineering decided on the ThermoFisher system due to knowing other organizations who had used and recommended the system, and the strong reputation of the company. The other company is an unknown, and there was no feedback available for them.	Professor - Civil
P0784769	Cryo Mech	General Fund Accounts (Indirect Cost Return, Physics & Astronomy); Grants, Contracts, Restricted Gift Accounts - Physics & Astronomy	\$95,000.00	Helium Liquefier from Cryo Mech for Physics and Astronomy. Two systems were considered, Cryo Mech and GWR. While GWR is the manufacturer of the Helium Liquefier currently in use (P0604992), the Cryo Mech is substantially cheaper and matches all required specifications.	Dr. Dave Cinabro Chair of Physics, approved by Ken Doherty
P0785111	Affymetrix	Grant Fund Accounts, PRB Administration	\$77,541.66	Affymetrix GeneChip 2.0 Kits for the PRB Longitundinal transcriptomics study. In a competitive bidding process approved by NIH, the Affymetrix Human Transcriptome Array 2.0 (HTA2.0) from Affymetrix offered the highest coverage of transcriptome. Affymetrix has already provided the microarrays and reagents for analyzing 600 samples. This will be a continuation of the NIH study for an additional 314 microarrays since the final experiment design involves 914 samples from Affymetrix.	

PO NUMBE	R VENDOR	FUNDING TYPE/SOURCE/UNIT	PRICE	DESCRIPTION	Approved by
P0785116	Waters Technologies Corporation	General Fund Accounts, Chemistry Dept	\$129,151.00	Mass Spectrometer from Waters for Chemistry. This is a highly specialized mass spectrometer sought to conduct accurate mass analyses of cellular samples with high sensitivity and dynamic range. The only class of instrument that met those criteria were QToF MS systems, so a generic bid for a MS would not be appropriate. The department requested additional quotes from Agilent and Thermo. Thermo was more expensive by 51K and Agilent did not have the same specifications	Matthew Allen - Chair of Chemistry, approved by Ken Doherty
P0785280	Verasonics	General Fund Accounts, Faculty Start Up	\$108,320.00	Research Ultrasound Platform from Verasonics for Engineering. Verosonics is one of the most notable companies in the market that makes ultrasound systems that works with photoacoustic technology. Their high frequency system is appropriate for skin and infant brain imaging, the research being done at WSU.  Engineering is developing photoacoustic technology around this.	John Cavanaugh - Chair of Biomedical Engineering, approved by Ken Doherty
P0785462	Fluxon Bioscinces	Grants, Contract, Restricted Gift Accts, Cardiothoracic Surgery	\$33,722.80	BioFlux System which has heat control, gas control and automatic control of shear stress and can operate up to 96 channels at one time. The Department of Surgery compared the system with three other companies that market similar systems. Comparable technologies  1. Celix- only runs 8 channels at a time and requires larger volumes of blood, no heat control, and has no automatic control of shear stress.  2. Ibidi- only runs 6 channels at a time, requires 2 people to operate, very large volumes, no heat control, no automatic control of shear stress.  3. Cellasic- only runs 8 channels at a time and does not control shear stress	Dr. Donald Weaver - Chair - Department of Surgery - SOM, approved by Ken Doherty
P0786061	Sigma Aldrich	General Fund Accounts, Science Resale Store	\$40,000.00	Sigma Chemical purchases for Science Store - Science Stores is member of NAOSMM. This membership provides Science Stores discounts on Chemicals, Research Supplies and Shipping Charges. Purchasing the NAOSMM discounted items brings the costs well below what we can get from other scientific suppliers for equal or better products. SS still spot checks other vendors to make sure we are getting the best possible pricing. We have given Fisher Scientific the opportunity to beat pricing and they have not. We will work with Fisher on pricing and once they are better we will then have the option to move spend that direction. BW previously approved under P0741671.	Joe Oravec, Director, Science Stores, approved by Ken Doherty

PO NUMBE	R VENDOR	FUNDING TYPE/SOURCE/UNIT	PRICE	DESCRIPTION	Approved by
P0786071	US Drug Testing Laboratories	Grant Fund Accounts - Family Medicine	\$29,500.00	USDTL to provide Hair ETG specimen testing at \$59 per each specimen, for the Study Named: <i>Comparing the effectiveness of two alcohol+adherence interventions for HIV+ youth</i>	Dr. Sylvia Naar King, PI, Family Medicine , approved by Ken Doherty
P0786083	Ion Optix Corporation	General Fund Accounts - Faculty Start up Accounts	\$68,890.00	Purchase an onOptix MyoStretcher system and components for Physiology. Currently, it is the only system capable of high resolution force measurement (nN) along with feedback control for specialized biomechanical experiments using intact cardiomyocytes. This is a sole-source request. IonOptix is the only company selling the component parts that are capable of kHz sampling, nN force resolution and the only company with an integrated system that can perform measurements using these components including feedback control.	Jian-Ping Jin , Chair - Physiology , approved by Ken Doherty
P0786100	Caliber Imaging & Diagnostics	General Fund Accounts - Research Stimulation Awards; Grant Fund Account - Neurosurgery; Grants, Contracts, Restricted Gift Accounts	\$162,500.00	Confocal Microscope for Neurosurgery from Caliber Imaging & Diagnostics. This microscope's performance is much more efficient than that of other standard confocal microscopes. There is no other system like this on campus for use by Neurosurgery. The end user proposed initially using the CORE facility microscope, but when the volume of samples was evaluated, it was more cost effective to purchase a more efficient microscope.	Dr. Sandeep Mittal , Chair - Neurosurgery , approved by Ken Doherty
P0786276	Life Technology	Grants, Contracts, Restricted Gift Accounts - Pediatrics	\$51,060.00	QuantStudio 3 96we!I 0.1 m! Block Real-Time PCR System for the Department of Pediatrics. Pediatrics is exchanging its old instrument to Life Technologies for a \$12,000 credit, which would not be available with any other vendor. Additionally, this instrument is compatible with all of Pediatric's existing assays	Gwyn Kropp, Director, Pediatrics , approved by Ken Doherty
	23		\$1,881,122.16		
B. EXECUTIV P0774074	<b>/E OFFICER WAIVER FOR PRO</b> Rebecca L Green	Grant Contracts Restricted Gift Accounts, Communications Dept, Bob Allesee Endowed Chair	\$30,000.00	Professional Services of Rebecca Green. The artist will be meeting with students to provide guidance in film making and will also conduct numerous workshops for students and the public. Due to the terms outlined in the Allesee agreement with WSU, individual must be selected based on notable works, credintials and fame.	Lee Watkins, Department Chair of Communications, approved by Michael Wright

PO NUMBE	R VENDOR	FUNDING TYPE/SOURCE/UNIT	PRICE	DESCRIPTION	Approved by
P0774072	Agustin Conde-Agudelo	Grant Fund Accounts, PRB Admin	\$43,083.00	Contracted services of Dr. Conde-Agudelo, to include the review and obtainment of articles, review manuscripts, and meta-analysis. Dr. Conde-Agudelo has the knowledge, expertise and history of collaboration with the University and is available to assist in the PRB Project.	Dr. Sonia Hassan, Associate Dean - PRB; approved by Michael Wright
P0771684	Brightspark Travel Inc	Grant Contract Restricted Gift Account, Ofce of VP for Acad Affrs & Provost	\$26,838.00	College Summer Tour, including travel, meals, lodging and activities. This is a joint venture with Oakland University GEAR UP program. Brightspark won an Oakland University bid. WSU will be sharing the services and bus	Henry Robinson - Director of Federal Trio, approved by Michael Wright
P0779506	CDM Smith Michigan	Grants, Contracts, Restricted Gift Accounts, AWWA Accelerating the Shift, Civil/Environmental Engg	\$90,800.00	Planning and Preparation, Startup, and Competition consulting services from CDM Smith Michigan for Dr. Carol Miller in Engineering. CDM Smith Michigan will provide complex,multi-objective optimization modelling and electricity emissions estimates for Dr Miller's research. No other company can provide these services.	PI - Dr. Carol Miller and Department Chair is Dr. Mumtaz Usmen, approved by Michael Wright
P0781998	WealthEngine Inc	General Fund Account, Development Office	\$40,000.00	Donor Searches for Alumni from WealthEngine. Other vendors were considered, the industry's three primary vendors for wealth screening: Wealth Engine, Donor Search and Blackbaud. The robust quality and format of the data returned by Wealth Engine (WE), coupled with the customer service hours and additional data acquisition included in their proposal, is clearly a better value than the other leading vendors in the industry. Moreover, WE is a preferred Ellucian vendor, and Development's Advance database is an Ellucian product, this will ensure seamless integration of the data into the system. The level of customer service and information provided by WE was far and above that of the other vendors considered.	Approved by Susan Burns, VP for Development, approved by William Decatur.
P0782138	The Maynard Group	Designated Fund Accounts, WDET Programming and Production	\$90,000.00	Maynard Group consulting services for WDET. This is a continuation from FY16 and WDET would like to continue using Pulitzer-Prize winning journalist Stephen Henderson for media consulting and analyst services. Stephen is a trusted voice and a fantastic listener who recognizes the value of an informed, engaged and connected Detroit. Program host changes are historically known to cause a dramatic reduction in membership donations. FY 16- P0741836	Michelle Srbinovich, General Manager, approved by William Decatur

PO NUMBE	R VENDOR	FUNDING TYPE/SOURCE/UNIT	PRICE	DESCRIPTION	Approved by
P0785109	University of Michigan	Grant Fund Accounts, PRB Administration	\$232,075.88	Longitundal transcriptomics study. University of Michigan will run the experiments and analyze samples of the Affymetrix Human Transcriptome Array 2.0 (HTA2.0) from Affymetrix for WSU, PRB Department. This will be a continuation of the NIH study for an additional 314 Microarrays since the final experiment design invlolves 914 samples from Affymetrix. U of M is the only facility in the region that can handle the volume of samples we plan to process. they operate multiple hardware platforms and maintain a staff of over four technicians capable of processing samples. The facility at U of M is better able to handle higher throughout projects and complete projects in a timely manner which was a requirement for this project.	Dr. Sonia Hassan, approved by Michael Wright
P0783073	High Energy Accelerator Research Org	Grant Fund Accounts, Physics+Astronomy	\$59,000.00	Reimbursement for Subsistence/Salary payments for Minakshi NayakHigh at the Energy Accelerator Research Organization in Japan. Their lab does unique work that is unavailable anywhere else. There is only one SuperKEKB accelerator and one Belle II Experiment and, and High Energy Accelerator Research Organization has it.	Dr David Cinabro- Chair of Physics+Astronom y, approved by Michael Wright
P0784291	Great Lakes Environmental Law Center	Grants, Contracts, Restricted Gift Accounts, Law School Dean's Office	\$60,000.00	Consulting Services for the ERB grant for the Law School from Great Lakes Environmental Law Center. The partnership with this organization was instrumental in the funding being awarded by the Erb Family Foundation. Their involvement is necessary to carry out the project as planned. This is the 2nd payment for these services ( P0734552).	Dean of the Law School, approved by Michael Wright
P0784957	Royall & Co	General Fund Accounts - Student Services Center	\$247,172.00	Consulting Services by Royall & Co. for the Provost's Office. Royall & Company is a market leader in enrollment management and student recruiting services. In the spring of 2016, the University contracted with Royall to provide yield enhancement campaign to support our enrollment activities and provide intelligence about our admissions pool. As a result, Royall & Co. is ready to create a communication plan for 2017 students.	Keith Whitfield, Provost, approved f by Bill Decatur

10 \$918,968.88

PO NUMBER	VENDOR	FUNDING TYPE/SOURCE/UNIT	PRICE	DESCRIPTION	Approved by
C. EMERGENO P0773194	CY REQUIREMENT (SO6) Limbach	Plant Fund Accounts, FP&M AVP Admin	\$351,586.00	Applebaum Building Air Handler Assembly. Air handler #8 had a fan motor catastrophically destroy itself and part of the whole machine assemly, rendering a major part of the buildings west laboratories without mechanical heating or cooling. Magnitude and duration of down time in the NIH funded labs to develop drawings and bid the work would be prohibitive. Limbach was the original installer of the building HVAC system and was used for expediency due to system and institutional knowledge.	Mark Allen, Interim AVP of FP&M, approved by Ken Doherty
P0779294	Johnson Controls	Plant Fund Accounts, FP&M	\$185,903.00	FPM. The existing unit is 16 years old and has required many costly repairs since installation. Total replacement is required	·
P0779385	Temperature Services	Plant Fund Accounts, FP&M	\$118,248.00	Emergency replacement of Rooftop Unit at Reuther Library by FPM. The major compressor on the unit failed and cannot be repaired. Replacement requires complex crane lifts and integration to a legacy system that is beyond useful life. Total replacement is required and urgent. The existing system is obsolete and the vendor of that system is not a preferred University manufacturer. Preferred manufacturer chosen after multiple quotes collected.	Interim AVP FP&M, approved by Ken
P0783549	Adamo Demolition	Plant Fund Accounts, FP&M	\$48,300.00	Emergency Construction Services for the removal and disposal of the plaster screen wall at Chemistry. This is urgent as there is a potential hazard of the wall falling, and one of the entrances is already closed. Construction Contract approved by Mark Allen, Interim AVP - FP&M	Randy Paquette, Senior Director, FP&M, approved by Ken Doherty
P0785147	Brehob Corporation	Plant Fund Accounts, FP&M	\$41,151.00	Powerex multistage air compressor for Chemistry from Brehob. Both of the existing compressors have failed and are no longer available for repair. Due to the urgency, there is no time to develop bid documents for capital procurement In the new fiscal year. The WSU vendor for this type of equipment cannot repair the system with any confidence that the system will not immediately fail again. Matching equipment no longer exist. The replacement is the new standard for lab settings similar to the IBIO Installation for laboratory compressed air.	approved by Ken

PO NUMBER	R VENDOR	FUNDING TYPE/SOURCE/UNIT	PRICE	DESCRIPTION	Approved by
D. COMPATII	5 BILITY WITH PREVIOUSLY F	PURCHASED EQUIPMENT OR SERVICES	\$745,188.00		
P0775538	Dell Corporation	General Fund Desktop Management Program, C&IT	\$73,907.60	Compellent SC200 Storage System. C&IT requested a bid waiver for the purchase of additional storage disk drive units to meet additional storage needs and enhance the performance of system . The additional storage system components will be compatible the existing Compellent System purchased in May 2012 under PO P0524110 awarded to Dell.	approval by Kenneth
P0785273	Access Interactive	General Fund Accounts, Computing & Information Technology	\$120,020.00	VRealize suite upgrades for C&IT through Access International . The current VMware maintenance licenses are provided through Dell. Dell is working with Access Interactive as their Value Added Reseller. VMware is allowing the University to upgrade its current 14 (25-pack) vRealize Operations licenses into Suite licenses. C&IT requested a quote from CDWG but they are unable to provide this. This is uniquely complicated due to the migration of VMware license ownership from Merit to WSU.	Daren Hubbard, Interim AVP & CIO, approval by Kenneth Doherty
	2		\$193,927.60		
E. PARTNERS	SHIPS/SPONSORS				
	0		\$0.00		

PO NUMBER	R VENDOR	FUNDING TYPE/SOURCE/UNIT	PRICE	DESCRIPTION	Approved by
F. OTHER (SE	E EXPLANATION)				
P0774143	Enco Systems, Inc.	Auxiliary Fund Accounts, WDET	\$72,411.50	WDET currently has an ENCO studio equipment to replace. Production Staff explored 2 other companies but none were able to provide the essential products and ensure compatibility with the existing broadcasting system. Dept doesn't have the funds to replace entire system and parts are needed to upgrade the existing ENCO System. Prior PO#s with ENCO are P0457879 (\$20,113), and P0481227 (\$5629.70)	Michelle Srbinovich- WDET General Manager, approved by Bill Decatur
P0774823	onShore Development	General Fund Account , College of Fine Arts	\$30,580.00	WebCheckout Software for the Communications Department. This software has an extensive list of unique features that other softwares cannot provide including the ability to manage multiple Departments from a single server, run on inexpensive Intel computer hardware, 100% browser-based and has additional software packages that are used to operate WebCheckout, such as the database. All services are included and available to the University at no additional charge.	Lee Watkins, Department Chair of Communications, approved by Ken Doherty
P0784289	Leepfrog Technologies	General Fund Accounts, Contingency Funds	\$239,980.00	Course Leaf from Leepfrog Tecnologies for C&IT. The University requires a software application that provides functionality to maintain and manage University Catalog and Curriculum and integrate with Banner Course module. The Courseleaf application from Leapfrog technologies provides this functionality in a manner that best suites WSU, and also provides an optimized Banner integration.	Darren Hubbard, AVP - Computing & Information Technology, approved by Ken Doherty

PO NUMBE	R VENDOR	FUNDING TYPE/SOURCE/UNIT	PRICE	DESCRIPTION	Approved by
P0785277	Barton Malow Company	Plant Fund Accounts, FP&M	\$470,000.00	WSU Project 078-279021 Stadium Aux Bldg Football Locker Expansion Project. The Athletic Director nurtured a relationship with Warren De La Salle HS and they like to use the WSU football field for home games. This a good opportunity to introduce De La Salle students to WSU as a student recruitment effort. There isn't enough locker room space in the football building (under the stands) for the team so De La Salle provided nearly \$400K to WSU to expand our locker room space for them. The urgency for the effort is to get the locker room completed before the season starts in Sep or at least shortly thereafter. The project involves moving equipment from its current location in the building to another room and then adding a small wing for locker room space.  The Athletic Director reached out to the Granger and Barton Mallow construction firms to see if it was possible and for a rough estimate of cost. FP&M talked to Granger and Barton Mallow to help them understand the project. Granger was almost twice the cost, and Barton Mallow indicated feasibility by September.	Decatur
P0784292	Uptodate	Designated Fund Accounts, Shiffman Medical Library Admin; General Fund Account School of Medicine Omnibus	\$275,662.00	UptoDate Software for the Med School. This is a renewal of a Software subscription which allows medical students to access medical information via mobile devices. This is year 3 of a possible 4 year agreement. Previous PO's: P0737115 and P0699723	Director - Medical
	5		\$1,088,633.50		
* Totals	45		\$4,827,840.14		