Approved by the Board of Trustees

January 20, 2022

**21**

Board Meeting

January 20, 2022

ROLL CALL

## PURCHASE RECOMMENDATIONS

Following are purchase contracts proposed by each university and the System Office. The purchases are to be funded from State appropriations or institutional funds as appropriate. Unless otherwise specified or indicated, purchases are based on the lowest acceptable bid. The Interim Vice President, Chief Financial Officer, and Comptroller has approved all purchases to be funded from State appropriations in accordance with the *Bylaws of the Board of Trustees* and the *General Rules Concerning University Organization and Procedure*.

The Board action recommended in this item complies in all material respects with applicable State and Federal laws, University of Illinois *Statutes, The General Rules Concerning University Organization and Procedure*, the *Bylaws of the Board of Trustees*, and Board of Trustees policies and directives.

The President of the University concurs.

**PURCHASES RECOMMENDED**

**University of Illinois at Urbana-Champaign**

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| 1 | Unit | Carl Woese Institute for Genomic Biology |
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|  | Item | Furnish and deliver a 2D Minflux Inverted Microscope |
|  | Cost | $ 1,346,497.20 (estimated) |
|  | Vendor | Abberior Instruments America Bethesda, Maryland  This purchase is exempt from the usual selection processes of the Procurement Code because the procurement expenditure is for performing sponsored research and other sponsored activities under grants and contracts funded by the sponsor or by sources other than State appropriations. (30 ILCS 500 / 1-13(b)(8))  The Minflux microscope was developed by Nobel Laureate Stefan Hell to provide individual biomolecule resolution (2 nanometers) in three dimensions inside live cells with 100-microsecond time resolution. This is an improvement by more than an order of magnitude in both time and space resolution over current-generation instruments. This improvement in resolution will allow researchers to track kinesin transporting organelles through cells, image chromatin folding with unprecedented resolution, watch RNA interact with proteins as the complex forms, and image the actin structure in synapses. This Minflux system will be the third of its kind in the United States (the other two are at NIH (Maryland) and Scripps (California)) and will act as a regional research hub as well as a demonstration site for other users.  Negotiations successfully secured additional discounts resulting in a 41% discount from the suggested retail price. |

**University of Illinois at Chicago**

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| 2 | Unit | UI Hospital and Clinics |
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|  | Item | Purchase of ophthalmology equipment for new Outpatient Surgery and Specialty Clinics facility currently under construction at UI Hospital in Chicago. |
|  | Cost | $ 3,912,270.50 (estimated) |
|  | Vendor | Lombart Instruments Norfolk, Virginia  The UI Hospital's Outpatient Surgery Center and Specialty Clinics building, currently under construction and expected to open in Fall 2022, includes UI Health's outpatient Ophthalmology Clinic with approximately 75 patient examination rooms on two floors. A competitive bid process was followed in accordance with the Illinois Procurement Code to select a vendor to provide ophthalmic equipment for the clinic. Specific equipment brands were requested to ensure compatibility with existing systems and staff training and to meet the Hospital's goal of standardization of patient care equipment for patient safety, serviceability, and availability of repair parts.  Two vendors submitted competitive bids. Lombart Instruments provided a  bid on all specified items and brands and had the lowest cost, responsive and responsible bid. |

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| 3 | Unit | LAS – Department of Physics |
|  | Item | 1) Side bounce monochromator (SBM), including its motion control system. 2) Double Crystal/Multilayer Monochromator (DCMM), including its motion control and cooling systems, with no options to renew. |
|  | Cost | $1,096,512 (actual) |
|  | Vendor | Axilon AG Hurth, Germany  Exempt from competitive selection procedures in accordance with the Illinois Procurement Code 30 ILCS 500/1-13(b)(8) 8) Procurement expenditures necessary to perform sponsored research and other sponsored activities under grants and contracts funded by the sponsor or by sources other than State appropriations.  UIC is building a new X-ray beamline to utilize the synchrotron X-ray source at Argonne National Laboratory: the Advanced Photon Source (APS). The APS is a Department of Energy national facility that serves a nationwide community of scientists, including many University of Illinois faculty and students. The $14M grant awarded to UIC, provided by the National Science Foundation (NSF), supports building the beamline. The project is timed to synchronize with a major upgrade of the APS. Axilon AG is a leading supplier of instrumentation to the worldwide community of synchrotron X-ray sources. The items for purchase, SBM and DCMM, are both custom equipment items that will be designed and built specifically to meet the scientific demands of the UIC beamline. The planned scientific program, approved by NSF, cannot take place without this equipment.  Business Enterprise Program (BEP) goals are not established for contracts that are exempt from the requirements of the IL Procurement Code. |

**RENEWAL OPTIONS RECOMMENDED**

**University of Illinois at Urbana-Champaign**

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| 4 | Unit | Utilities Administration |
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|  | Item | Renewal option for the purchase and delivery of coal, including by-product waste disposal services, for the period July 1, 2022 through June 30, 2023. |
|  | Cost | $6,446,000 estimate |
|  | Vendor | Knight Hawk Coal, LLC. Percy, Illinois  This item will exercise the third of five renewal options approved by the Board of Trustees on September 19, 2019, for an estimated $5,860,000 for the period September 20, 2019 through June 30, 2020. Competitive bidding procedures were followed in accordance with the Illinois Procurement Code.  The vendor will continue to provide an estimated 80,000 tons of coal for the Abbott Power Plant to be used as a fuel source in the University boilers. The coal will be burned to produce steam which will be used to heat campus buildings. The vendor will also dispose of approximately 20,000 tons of waste. This includes ash, cinders, gypsum, and other by-products of the coal-burning process. Coal is used as a supplementary or primary fuel depending on the fuel price and equipment availability.  The vendor has demonstrated satisfactory performance in fulfilling the terms and conditions of their contract. After negotiations with the vendor, they have agreed to keep pricing 15% lower than the current market and right on for future market price in 2023.  Pricing for the coal includes transportation costs indexed to the diesel fuel price as posted by the Energy Information Administration. |
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**CHANGE ORDER RECOMMENDED**

**University of Illinois System Office**

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| 5 | Unit | SHIELD Illinois Deployment |
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|  | Item | Change order to increase COVID-19 Lab Services contract for the current contract term (November 12, 2021 through June 30, 2022) with 1 six-month renewal option. |
|  | Cost | $6,500,000 (estimated) |
|  | Vendor | Simple Laboratories, LLC Harwood Heights, Illinois  Exempt from competitive selection procedures in accordance with the Illinois Procurement Code (30 ILCS 500/1-13).  This contract is for lab services to test saliva samples for the presence of COVID-19. The original contract did not require Board approval as the initial term of the contract did not exceed $1 Million in a single fiscal year.  All values are estimated. Actual spending will be determined by the volume of COVID-19 testing conducted during the contract's remaining term. It is important to note that the vendor will not be paid unless specimens are tested and the results are reported to SHIELD. Costs for these services will be paid for through the SHIELD Illinois Intergovernmental Agreement (IGA) with the State of Illinois Department of Public Health (DPH) to provide COVID-19 testing to public schools (k-12), community colleges, and the general community of Illinois residents at large.  SHIELD Illinois currently operates a network of eight high-capacity laboratories throughout Illinois certified under the Clinical Laboratory Improvement Amendments. Some of these labs are located at University locations, and others are contracted through intergovernmental agreements (not requiring Board approval). This lab services contract allows SHIELD to expand its testing volumes. This lab will be used to conduct the University of Illinois' rapid, low-cost, saliva-based, covidSHIELD test under Emergency Use Authorization from the U.S. Food and Drug Administration.  DPH has approved all public K-12 schools for free testing under the IGA, representing over 2,000,000 students. In order to efficiently process samples from across the State, SHIELD Illinois needs to maintain a network of labs strategically located throughout the State to provide these lab services.  Business Enterprise Program (BEP) goals are not established for contracts that are exempt from the requirements of the IL Procurement Code. |

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| **SUMMARY OF PURCHASES** | |
| University of Illinois at Urbana-Champaign | $ 1,346,497.20 |
| University of Illinois at Chicago | $ 5,008,782.50 |
| Recommended from Institutional Funds  Grand Total | $ 6,355,279.70 |
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| **SUMMARY OF RENEWALS** |  |
| University of Illinois Urbana-Champaign | $ 6,446,000 |
| Recommended from Institutional Funds  Grand Total | $ 6,446,000 |
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| **SUMMARY OF CHANGE ORDERS** |  |
| University of Illinois at System Office | $ 6,500,000 |
| Recommended from Institutional Funds  Grand Total | $ 6,500,000 |