

TO: Members of the Board of Trustees  
FR: Jay Wasson, Vice President for Physical Facilities and Chief Public Safety Officer  
DATE: April 3, 2023  
RE: Approval to Plan, Finance, Construct and Award Construction Contracts for Birck Nanotechnology Center Clean Room Modernization, Related Renovations and Equipment Purchases

**Attachments:**

- Resolution

**Project Description:**

- This project will renovate approximately 13,000 GSF of clean room space in the Birck Nanotechnology Center on the West Lafayette campus.
- Several current laboratory occupants in Birck will be relocated to approximately 7,000 GSF in other parts of campus that will be renovated as part of the project.
  - Research that supports the clean room will then be conducted in the vacated laboratory space in Birck.
- Eight new air handling units will be installed, and HEPA filters, fume hoods, controls and utility systems will be upgraded and replaced.
- Procurement coordination for specialty research equipment placed in the modified spaces necessary to fulfill current and planned sponsor commitments.
- Project delivery method: Construction Manager as Constructor
- Final Guaranteed Maximum Price delivery: December 2023
- Construction start: January 2024
- Construction completion: August 2024

**Project Benefits:**

- This project helps create the environment required for new semiconductor and quantum-focused research that helps attract industrial partnerships, like SkyWater Technology, to the university.
- The new air handling units and upgraded equipment are required to support the larger clean room space and will result in more efficient use of energy.
- This project supports the *Purdue Moves 2.0: National Security and Technology Initiative*
- The completed space enables Purdue to be competitive in future CHIPS Act grant opportunities.

**Project Cost and Funding:**

- Estimated Total Project Cost: \$49,000,000
- Sources of Funds:
  - Operating Funds – Reserves: \$30,000,000
  - Gift Funds: \$19,000,000

c: Chairman Mike Berghoff  
President Mung Chiang  
Treasurer Chris Ruhl  
Provost Patrick Wolfe  
Corporate Secretary Cindy Ream  
General Counsel Steve Schultz

**Resolution Concerning  
Birck Nanotechnology Center Clean Room Modernization, Related Renovations and  
Equipment Purchases**

**Resolved**, By The Board of Trustees (the “Board”) of The Trustees of Purdue University (the “Corporation”), as follows:

1. The Board hereby finds that a necessity exists for the planning, financing and construction as well as for the awarding of one or more contracts for the completion of the project identified as “Birck Nanotechnology Center Clean Room Modernization, Related Renovations and Equipment Purchases” at the Purdue University West Lafayette Campus (the “Project”).
2. In order to provide funds with which to accomplish this Project, the Treasurer of the Corporation is hereby authorized to use Operating Funds – Reserves in the amount of \$30,000,000 and Gift Funds in the amount of \$19,000,000 for a total of \$49,000,000 (the “Authorized Cost Level”).
3. For purposes of Article VII, Section 1(c) of the Bylaws, no change orders in connection with any of the above-referenced contracts shall require further Board or the Board’s Physical Facilities Committee (the “Committee”) authorization and approval unless and until such a change order, together with all other change orders previously authorized, approved and executed by the Treasurer, causes the aggregate amount of expenditures incurred under such contracts to exceed the Authorized Cost Level for this project (it being understood that any change order or any other action that would cause such Authorized Cost Level to be exceeded must, before it is given effect, receive the express prior approval of the Committee and the Board).
4. The Board authorizes and directs the Treasurer of the Corporation to select, retain and contract with an architectural/engineering firm to provide planning services for such amount and on such terms as he in his sole discretion shall deem to be in the best interest of Purdue University.
5. The Treasurer of the Corporation be, and hereby is, further authorized and empowered to delegate to one or more officers and representatives of the Corporation or of Purdue University such tasks and responsibilities with respect to the completion of the Project as he, in his sole discretion, shall deem to be in the best interests of the Corporation and Purdue University and consistent with the exercise of the authority granted above.
6. The Chairman, Vice Chairman, Treasurer, Assistant Treasurer, Legal Counsel, Assistant Legal Counsel, Secretary and Assistant Secretary of the Corporation, and the Treasurer and Chief Financial Officer and the Vice President and Assistant Treasurer of Purdue University, and each of said officers respectively, are hereby authorized and empowered for, on behalf and in the name of the Corporation, or of Purdue University, to: (a) request the necessary approvals of the Governor and the Budget Agency and all other necessary governmental approvals for the actions hereinabove authorized; and (b) take all other necessary and proper actions to carry out the purpose and intent of this Resolution, whether herein specifically authorized or not, except such actions as are specifically required by law to be taken by the Board as the governing board of the Corporation.