

BOARD APPROVED
APRIL 8, 2022Janice Indrutz
Corporate Secretary

TO: Members of the Board of Trustees

FR: Jay Wasson, Associate Vice President of Physical Facilities

DATE: March 30, 2022

RE: Approval to Plan, Finance, Construct and Award Construction Contracts for Zucrow High Speed Propulsion Lab

Attachments:

- Resolution

Project Description:

- This project will construct a new 54,500 GSF facility that will include propulsion test cells and a high pressure air plant within the Maurice J. Zucrow Laboratories on the West Lafayette campus.
- The facility will include up to five reinforced concrete test cells and associated laser labs, control rooms, support office space and work shop assembly areas. High-pressure piping, valves, vessels, tanks, pumps and instrumentation will be included in the project.
- Project delivery method: Construction Manager as Constructor
- Final Guaranteed Maximum Price delivery: October 2022
- Construction start: January 2023
- Construction completion: November 2024

Project Benefits:

- This project will provide the necessary space to conduct additional testing and research work in support of two of Purdue's *Next Moves* initiatives: National Security and Technology and the Purdue Applied Research Institute.
- The new high pressure air plant will replace the existing plant that is near the end of its useful life.
- The completion of the Hypersonics Applied Research Facility and this project will enable an additional \$25M in research and testing work, which will create more than 140 new jobs.

Project Cost and Funding:

- Estimated Total Project Cost: \$73,000,000
- Sources of Funds:
 - Operating Funds – Reserves: \$73,000,000

c: Chairman Mike Berghoff
President Mitch Daniels
Treasurer Chris Ruhl
Provost Jay Akridge
Assistant Treasurer Jim Almond
Corporate Secretary Janice Indrutz
General Counsel Steve Schultz

Resolution Concerning Zucrow High Speed Propulsion Lab

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 “Zucrow High Speed Propulsion Lab” 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 \$73,000,000 (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 Senior 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.