

TO: Members of the Executive Committee of the Board of Trustees
FR: Michael B. Cline, Senior Vice President for Administrative Operations
DATE: July 1, 2021
RE: Approval to Plan, Finance, Construct and Award Construction Contracts for Wade Utility Plant Chiller 7 Replacement and System Improvements

Attachments:

- Resolution

Project Description:

- This project will replace the existing 3,000 ton steam chiller 7 with a new 5,000 ton electric chiller, to be referred to as chiller 14, at the Wade Utility Plant on the West Lafayette campus.
- Chiller 7 is at the end of its expected service life and uses a refrigerant that will no longer be produced in the future.
- Additionally, this project will modify the existing mechanical and plumbing infrastructure at the Northwest Chiller Plant to improve the plant's capacity by 1,500 tons.
- Project delivery method: Construction Manager as Constructor
- Guaranteed Maximum Price delivery: May 2022
- Construction start: August 2022
- Construction completion: March 2023

Project Benefits:

- The replacement of chiller 7 with chiller 14 and the infrastructure work at the Northwest Chiller Plant will help the University to more reliably meet campus chilled water demand.
- Chiller 14 will be more energy efficient and use a more readily available, environmentally friendly refrigerant.

Project Cost and Funding:

- Estimated Total Project Cost: \$12,000,000
- Sources of Funds: Operating Funds

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

**RESOLUTION OF THE EXECUTIVE COMMITTEE (THE “COMMITTEE”)
OF THE BOARD OF TRUSTEES OF THE TRUSTEES OF PURDUE UNIVERSITY
(THE “CORPORATION”) CONCERNING WADE UTILITY PLANT CHILLER 7
REPLACEMENT AND SYSTEM IMPROVEMENTS**

WHEREAS, pursuant to Article V, Section 1 of the Bylaws of the Corporation, the Committee has and may exercise all of the powers of the Board during intervals between meetings of the Board;

NOW, THEREFORE, IT IS HEREBY RESOLVED, by the Committee as follows:

1. The Committee 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 “Wade Utility Plant Chiller 7 Replacement and System Improvements” 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 Trustees of Purdue University is hereby authorized to use Operating Funds in the amount of \$12,000,000 (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 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 or the Board).
4. The Committee 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 of Trustees as the governing board of the Corporation.