COMMITTEE ON TRANSPORTATION AND INFRASTRUCTURE

COMMITTEE ON NATURAL RESOURCES

COMMITTEE ON SCIENCE, SPACE AND TECHNOLOGY

Congress of the United States House of Representatives

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May 10, 2024

The Honorable Tom Cole Chairman Committee on Appropriations H-307, the Capitol Washington, D.C. 20515 The Honorable Rosa DeLauro Ranking Member Committee on Appropriations 1036 Longworth HOB Washington, D.C. 20515

Dear Chairman Cole and Ranking Member DeLauro:

I am requesting funding for Florida State University's Quantum Communication Testbed in fiscal year 2025. The entity to receive funding for this project is Florida State University (FSU), a state-controlled, public, non-profit university located at 222 S. Copeland Street, Tallahassee, FL 32306.

The funding would be used by the Florida State University-Florida Agricultural and Mechanical University School of Engineering for the creation of a quantum communication testbed. The testbed leverages existing University infrastructure including the highly unique National High Magnetic Field Laboratory and the Florida Center for Advanced Aero-Propulsion to study extreme effects on quantum communication. The National Science Foundation and State of Florida have invested heavily in these programs to provide engineering students in Florida with specialized opportunities unavailable anywhere else in the United States.

The project is an appropriate use of taxpayer funds because the innovative testbed facility will address a key challenge in quantum communication. Meeting this challenge is necessary to maintain the United States' position as a world leader in technology and research. This state-of-the-art facility will offer educational opportunities for students and researchers through hands on experience with quantum technologies. This project will help train the next generation of scientists and engineers, equipping them with the requisite skills needed for success in a dynamically evolving landscape. The project has a Federal nexus because the funding provided is for purposes authorized by Section 272 of Title 15, United States Code.

I certify that I have no financial interest in this project, and neither does anyone in my immediate family.

Sincerely,

Daniel Webster Member of Congress