

CHARLES J. "CHUCK" FLEISCHMANN
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March 30, 2023

The Honorable Kay Granger
Chairwoman
House Appropriations Committee
H-310, The Capitol
Washington, DC 20515

The Honorable Rose DeLauro
Ranking Member
House Appropriations Committee
H-130, The Capitol
Washington, DC 20515

Dear Chair Granger and Ranking Member DeLauro:

I am requesting \$4 million for the Chattanooga Electric Power Board (EPB) located at 10 West M.L. King Blvd, Chattanooga, TN 37402. EPB is building America's first commercial quantum communications network based on 8 years of experience developing award winning entangled photon quantum communications and cybersecurity technology. It is built on EPB's utility-owned, community-wide, fiber-to-the-home network and will be available to any American business, university, or government agency developing quantum science, technology, business applications, and preparing a Quantum Age workforce. No commercially available quantum testbed currently exists in the United States. EPB owns and operates the EPB Quantum Network. EPB Fiber Optic Internet service is currently in the third year of a \$70 million upgrade to Fiber Optic Network electronics that provide 25-gigabit symmetrical Internet to 350,000 residents in metropolitan Chattanooga, Tennessee. EPB invested an additional \$4.3 million in 2022 to build the EPB Quantum Network. EPB is requesting \$4 million to support network operations, quantum network equipment modernization, quantum research projects, applications development, the development of data analytics to support industry standards, and workforce development programs. Total project cost over 3 years is approximately \$21 million. 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 neither I nor my immediate family has any financial interest in this project.

Sincerely,

Chuck Fleischmann
Member of Congress