

Frequently Asked Questions (FAQ): LAB 17-1774
Quantum Testbeds Pathfinder
June 1, 2017; v. 1.0

This document will be updated periodically as additional questions are received.

Q1: Can budget escalation be requested in the outyears?

A1: No.

Q2: Page 13 of LAB 17-1774 states that the project narrative is limited to 10 pages, page 17 states that the project narrative is limited to 15 pages, and page 18 states that collaborative proposals can have a project narrative up to 50% longer than single-institution proposals. What are the project narrative page limits?

A2: 15 pages for a single-institution proposal, 22 pages for a collaborative proposal.

Q3: For collaborative proposals, is the data management plan three pages total or three pages per institution?

A3: Three pages total.

Q4: Are error correction schemes that require more than 10 physical qubits out of scope?

A4: No. You may propose to explore any system of physical qubits that has already been demonstrated with good performance. Proposals that focus on error correction outside the context of exploring the suitability of various quantum computing hardware for science applications will be considered out of scope.

Q5: LAB 17-1774 states that networking, transduction, and schemes to improve the performance and functionality of qubits are out of scope. Does this mean that I cannot include interconnects between different qubits or transmitting quantum information from one type of qubit to another in my proposal?

A5: No. You may propose to explore novel schemes for qubit connectivity, including those that require interconnects or transduction, as a part of your plan to explore quantum computing architectures for science applications. Proposals that focus on developing new interconnects or transducers for their own sake will be considered out of scope.

Q6: Is LAB 17-1774 restricted to gate-based quantum computing?

A6: No.