

Frequently Asked Questions (FAQs) for the
**Quantum Information Science Enabled Discovery (QuantISED)
for High Energy Physics FOA and LAB Solicitations**

Please read the FOA and Lab Solicitation for the complete information and all guidelines. These FAQ are only samples of possible questions and answers and are provided as additional clarification only. They do not replace or override any part of the solicitations.

1. What is the HEP QIS thrust? How does it relate to other QIS efforts within the Office of Science?

HEP QIS activities are expected to advance scientific discovery within the HEP mission and to impact the P5 science drivers as well as contribute to QIS research and technology for public benefit. The HEP QIS thrust is aligned with a broader SC initiative in quantum information science and leverages the interdisciplinary nature of QIS. Partnerships or coordinated activities with researchers funded from other sources, including other SC programs or other Federal agencies, are encouraged. The scope of the proposed HEP work must be clarified for such coordination or partnership.

2. How can teams apply?

For Track 1, applications may be submitted by either a single institution or a multi-institutional consortium.

For Track 2, only multi-institutional consortia may apply. At least one DOE National Lab must be included as a consortium member.

3. Should a consortium apply to the FOA or the Lab Call?

If a consortium (for track 2 or track 1) is led by DOE Lab, the proposal should be submitted to the Lab Call. Otherwise, it should be submitted to the FOA.

4. How are consortium proposals submitted?

Multi-institutional consortia should submit a single proposal via the lead institution. Applications must include the complete budgets and tasks for each institution involved as well as letters of institutional commitment. The research plan and its associated budgets should leave no confusion about which institution will do which parts of the research.

5. Can DOE Labs be part of any consortium proposal and how will they be funded?

DOE National Laboratories can be part of any consortium proposal and their budgets should be included in the proposal as per Q 3. However, if the proposal is successful, participating DOE Labs will be funded directly through the DOE Field Work system.

6. How will institutions that are not DOE Labs be funded when they are part of a consortium?

Their budget must be included in the proposal as per Q 3 and they should be funded as sub contacts/sub awards by the Lead Institution. Any sub contract costs should be included in the proposal budget.

7. What is the typical award size? What is the typical award duration?

For Track 1, award amounts will range from \$100,000 to \$500,000 and the award period will be 1-2 years.

For Track 2 submissions under the FOA, award amounts will range from \$500,000 to \$2,000,000 and the award period will be 2-3 years.

For Track 2 submissions under the Lab Announcement, award amounts will range from \$1,000,000 to \$4,000,000 and the award period will be 2-3 years.

8. Can you apply for both tracks?

A single proposal has to be either Track 1 or Track 2. PIs or institutions can submit independent proposals to either track 1 or Track 2.

9. Can proposals combine sub topics from A and B?

No. Proposals must be either on Topic A OR Topic B. However they may combine sub topics within Topic A or within Topic B provided they can justify this.

Topic A is open to Track 1 and Track 2 proposals.

Topic B is ONLY open to track 1 proposals.

10. Are there limits to the number of proposals an institution or an applicant can submit, or be part of?

There are no limits. PIs and Institutions are encouraged to focus their efforts on drafting high-quality innovative proposals.