

**1. Technical requirements:**

- a. Does the proposed EIC software solution meet all major technical requirements? Are there any major gaps in technical requirements?
- b. Is there adherence to modern software development and design patterns?
- c. What is the extent of solution and appropriateness for the tasks? (There is a sweet spot between too bare bones a solution and something with too many add-ons)
- d. Has a market analysis on alternatives for critical software elements been performed?
- e. Longevity – will the software solution be available, supported and maintained for the anticipated lifetime of the experiment.

**2. EIC Community Considerations:**

- a. Is there continuity for the user community at a reasonable level (*i.e.*, is it in use at other facilities with a high overlap of users)
- b. Are the developers or POCs integrated into the user community, and does a track record exist for supporting and evolving software solutions?

**3. Institutional considerations:**

- a. What are the budgetary implications for the host labs if any? What is the cost of both implementing a software solution and maintaining it for the lifetime of the experiment?
- b. What are the risks incurred by the host Labs with the proposed solution?
- c. If external institutions are involved, is there a reasonable expectation of an institutional commitment that includes succession planning? Is this an acceptable contribution to the experiment?
- d. Is the proposed solution compatible with a potential second detector? (This is a requirement)
- e. What is the mechanism for reviewing and monitoring timeline for deliverables and evolution of functionalities of the software solution?