**Process for review of Technical Proposal by LBNC**

Expectations for conclusion of May LBNC meeting

The expectation is that the Technical Proposal (TP) will be submitted on May 18. At the end of the May LBNC meeting, LBNC expects to communicate a preliminary assessment of the TP, based on availability of committee members, as to the TP volumes.

Subsequent to the May LBNC meeting, the LBNC will review the TP and articulate questions. Questions from the LBNC will be compiled by the LBNC and will be provided to the collaboration in advance of the August LBNC meeting.

Expectations for conclusion of August LBNC meeting

At the August LBNC meeting, the LBNC will hear from the collaboration in response to outstanding questions posed by the LBNC following the May meeting. The LBNC also will hold breakout sessions to interact with consortia leadership about the TP.

As the TPs are an interim step, no formal recommendation or approval will be provided by the LBNC. Rather, at the August meeting, the LBNC will finalize a written evaluation of the Technical Proposals, specifically with the purpose of providing suggestions for the Technical Design Reports. The evaluation will be based on the charge questions for the May meeting, as follows:

1. Are the technical requirements for system clearly stated?
2. Do the technical requirements connect well to the physics requirements of DUNE?
3. Is the system accurately and clearly described, keeping in mind the criteria that a science agency specialist should understand the introductory section and a professional member of the HEP community should be able to follow the body of the text?
4. Has the system been demonstrated to meet its technical requirements, and if not, what are the deficiencies?
5. Is the level of detail appropriate?  Are any key elements missing?  Are any components described in too much detail for this phase of the experiment?
6. Are project related activities—management structure, facilities, interfaces, safety, quality assurance, integration/installation, and high level schedule—described well enough in the TP to show that the complete delineation of these activities needed for the TDR is on-track?
7. Is there a clear decision pathway laid out to address options and unknowns between now and the TDR? Are decision criteria understood and can the required information or process realistically be executed on the proposed timeline?
8. Are risks to the subsystem project identified and are mitigation strategies plausible?
9. Are there aspects of the subsystem design that will not be informed by previous experience or prototypes and therefore present risks to the project design and/or execution?