

PIP-II Cryogenic Plant Building Procurement Readiness Review Charge

WBS 121.06.03

TeamCenter Document Number: ED0010624

Revision History

Revision	Date Release	Originator: Role:	Description of Change
0	07 August 2019	S. Dixon	Initial Release

Revision control is managed via Fermilab Teamcenter Workflows.

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1. Introduction

This Procurement Readiness Review of the Cryogenic Plant Building (WBS 121.06.03) will review the design to ensure that the appropriate requirements have been addressed.

Procurement Readiness Reviews (PRRs) are milestone reviews held to initiate the procurement cycle of critical, high-value, or other procurements as necessary. PRRs are primarily technical reviews, but include assessment of the planned vendor evaluation, cost, schedule, and personnel needs to complete the procurement and manufacturing cycle.

The Cryogenic Plant Building includes the elements of work normally included in conventional construction such as earthwork, utilities, structural concrete, structural steel, architectural cladding, finishes, roofing, plumbing, process piping, heating ventilation and air conditioning (HVAC), fire protection, fire detection, lighting and electrical.

The outcome of the review is to ensure that the documented requirements have been incorporated into the design at an appropriate level for this stage of the project development.

2. Review Agenda

Location: **Transfer Gallery – the Loft**

Date: **August 22, 2019**

Time: **8:30-11:30**

Indico Site: <https://indico.fnal.gov/event/21466/>

Participants:

- B. Hansen, APS-TD
- J. Theilacker, APS-TD
- A. Dalesandro, APS-TD
- J. Anderson, AD
- T. DiGrazia, QS
- E. Huedem, FESS/E
- R. Wielgos, FESS/E (Chair and Review Coordinator)
- S. Dixon, PIP-II

Agenda:

1. Introduction – S. Dixon
2. Cryogenics Plant Building Overview – S. Dixon
3. Discussion of Requirements – All
4. Recommendations – All
5. Close Out

3. Review Charge Statement

The review committee is requested to review the drawings and specifications for the Cryogenic Plant Building to ensure alignment between the scientific goals and drivers, and functional and technical requirements.

This PRR will contain the following items and address:

- Final released drawings and specifications;
- Cost and schedule updates;
- Prevention through Design elements integrated into the design;
- Updated Risk Register;
- Review of lessons learned from similar procurements;
- Vendor evaluation methodology

The outcome of the review is to ensure that the documented technical requirements have been incorporated into the design at an appropriate level for this stage of the project development.

4. Acronyms

A/E	Architect/Engineer
FESS	Facilities Engineering Services Section
FRS	Functional Requirements Specification
PRR	Procurement Readiness Review
TRS	Technical Requirements Specification

5. Reference Documents

The following reference documents are location in TeamCenter and the PIP-II document database

1	PIP-II Technical Review Plan (ED0008163)
2	Drawings and Specifications (ED0008373)
3	System Design Plan (PIP-II-doc-2587)
4	Functional Requirement Specification (ED0006718)
5	Technical Requirement Specification (ED0006719)
