

APS Strategic Planning Proposal

Title	Oxford cryo-cooler and spare parts		
Project Requestor	Ralph Bechtold		
Date	3/3/2008		
Group Leader(s)	George Goepner		
Machine or Sector Manager			
Category	Spares		
Content ID*	APS_1253174	Rev.	3
			3/3/08 9:15 AM

*This row is filled in automatically on check in to ICMS. See Note ¹

Description:

Start Year (FY)	2008	Duration (Yr)	2008
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Objectives:

To provide a reliable spare cryo pump and spare parts for User cryogenic systems in the event of an emergency, and/or scheduled maintenance.

Benefit:

Reliable beamline support

Risks of Project: See Note ²

No Risk

Consequences of Not Doing Project: See Note ³

Long down time for User cryogenic systems due to lack of a working spare system or due to long lead time replacement parts

Cost/Benefit Analysis: See Note ⁴

Description:

Oxford cryogenic pump, controller and spare components

Funding Details

Cost: (\$K)

Use FY08 dollars.

Strategic Project Proposal

Funding Details

FY 08 \$ 141,500

Cost (\$k)

Year	AIP	Contingency
1	16.49	
2		
3		
4		
5		

Contingency may be in dollars or percent. Enter figure for total project contingency.

Effort: (FTE)

The effort portion need not be filled out in detail by March 28

Year	Mechanical Engineer	Electrical Engineer	Physicist	Software Engineer	Tech	Designer	Post Doc	Total
1								0
2								0
3								0
4								0
5								0
6								0
7								0
8								0
9								0

Notes:

¹ **ICMS.** Check in first revision to ICMS as a *New Check In*. Subsequent revisions should be checked in as revisions to that document i.e. *Check Out* the previous version and *Check In* the new version. Be sure to complete the *Document Date* field on the check in screen.

² **Risk Assessment.** Advise of the potential impact to the facility or operations that may result as a consequence of performing the proposed activity. Example: If the proposed project is undertaken then other systems impacted by the work include ... (If no assessment is appropriate then enter NA.)

³ **Consequence Assessment.** Advise of the potential consequences to the facility or to operations if the proposal is not executed. Example: If the proposed project is not undertaken then ____ may happen to the facility. (If no assessment is appropriate then enter NA.)

⁴ **Cost Benefit Analysis.** Describe cost efficiencies or value of the risk mitigated by the expenditure. Example: Failure to complete this maintenance project will result in increased total costs to the APS for emergency repairs and this investment of ____ will also result in improved reliability of _____. (If no assessment is appropriate then enter NA.)