



Muon Campus AIP

Change Request Form

CR#: Cryo001

1) DATE: 12/3/13

2) WBS: Cryo1

3) Originator: Ken Domann *KAD* 12/9/13

4) WBS Description of Primary Affected Tasks: Cryogenics AIP

5) Technical Description & Primary Motivation for Change: The approved Cryogenics AIP

Project Plan baselined this AIP @\$9,737,269 TPC. This included \$7,321,255 of budgeted work (TEC) plus \$2,416,014 of contingency. These values were extracted from the schedule which is contained in Microsoft Project (MPP). After the schedule, labor and M&S data was imported into Cobra the values for TEC and contingency changed. This result was for the following reasons: (1) After the Project Plan was submitted for approval, minor revisions were made to the labor and M&S to further refine the plan; (2) New finance division burden and indirect rates were incorporated; (3) There are minor differences in the way Cobra calculates budget values as compared to MPP. Budgeted work is now \$7,136,016 and contingency is \$2,601,253.

6) Assessment of Cost Impact (Use attachments if needed): See above analysis of cost impact. See Attachment #1 for contingency/budget changes.

7) Assessment of Schedule Impact (Use attachments if needed): There are no schedule impacts in this change.

8) Secondary Impact & Other Comments: N/A

9) Approvals:

AIP Project Manager:

Mary E. [Signature] for Arkadiy Klebanov

Date: 10/9/13

AIP Project Coordinator:

Mary E. [Signature]

Date: 10/9/13

AD Div Director:

Date: _____

Directorate:

Date: _____

**Attachment #1
Cryo CR001 AIP Budget Comparison**

WBS	Name	Original Project Plan (PP) Budget (w/o Cont)	New Budget (w/o Cont)	Original PP Contingency **	New Contingency **	Original PP TPC	New TPC
Cryo1	Muon Campus Cryogenics - AIP	\$7,321,255	\$7,136,016	\$2,416,014	\$2,601,253	\$9,737,269	\$9,737,269
Cryo1.02	Project management	\$410,392	\$589,392				
Cryo1.03	Cryo Basic engineering	\$161,226	\$479,538				
Cryo1.04	Cryogenic plant sub systems	\$4,225,807	\$3,854,758				
Cryo1.05	Experiment interfaces	\$2,114,003	\$1,686,328				
Cryo1.06	Safety documents	\$188,473	\$154,531				
Cryo1.07	Testing/Checkout	\$153,519	\$147,670				
Cryo1.08	g-2 Acceptance tests	\$33,080	\$119,468				
Cryo1.09	Mu2e Acceptance tests	\$34,754	\$104,331				
** Contingency no longer maintained at detail level.							