



# Muon Campus AIP

## Change Request Form

CR#: DR007

1) DATE: 12/4/14      2) WBS: DR1      3) Originator: Ken Domann *KAD*

4) WBS Description of Primary Affected Tasks: Delivery Ring AIP

5) Technical Description & Primary Motivation for Change: This change request reduces the Total Cost of the Delivery Ring AIP from \$9,511,431 approved in the original Project Plan in October 2013 to the new total of \$9,213,644. This reduction of \$297,787 will be applied to contingency. This action was directed by the Fermi Directorate in order to free funds and budget for the Mu2e cavity work that has been added to the RRF AIP scope.

6) Assessment of Cost Impact (Use attachments if needed): See Attachments for changes.

7) Assessment of Schedule Impact (Use attachments if needed): N/A

8) Secondary Impact & Other Comments: N/A

9) Approvals:

AIP Project Manager:	<i>Gerald Annala</i>	Date: <i>12/4/14</i>
AIP Project Coordinator:	<i>Mary E. Wagner</i>	Date: <i>12/14/14</i>
AD Div Director:	<i>Mary E. Wagner</i>	Date: <i>12/14/14</i>
Directorate:	<i>Mary E. Wagner</i>	Date: <i>12/14/14</i>

Delivery Ring Pre CR007 CAP

Control Account		FY12	FY13	FY14	FY15	FY16	FY17	Cumulative
A1304.01.02.02 Delivery Ring Proj Mgmt OS - FY14	Scheduled	0.00	0.00	202,519.42	0.00	0.00	0.00	202,519.42
A1304.01.02.03 Delivery Ring Project Management Oversight - FY15	Scheduled	0.00	0.00	5,745.92	172,223.05	0.00	0.00	177,968.96
A1304.01.02.04 Delivery Ring Project Management Oversight - FY16	Scheduled	0.00	0.00	0.00	5,306.01	191,061.18	0.00	196,367.18
A1304.02 Collider Equipment Removal & Configuration	Scheduled	0.00	0.00	284,664.11	55,662.49	0.00	0.00	340,326.60
A1304.03 Delivery Ring Electrical Infrastructure	Scheduled	0.00	0.00	184,257.84	231,245.75	81,268.60	0.00	496,772.19
A1304.04 Delivery Ring Controls	Scheduled	0.00	0.00	337,819.33	57,692.73	2,536.17	0.00	398,048.23
A1304.05 Delivery Ring Instrumentation	Scheduled	0.00	0.00	0.00	0.00	192,344.08	0.00	192,344.08
A1304.06.01.01 Septa Supplies	Scheduled	0.00	0.00	8,821.22	633,869.97	67,997.90	0.00	710,689.09
A1304.06.01.02 Inj Kicker Power Supply	Scheduled	0.00	0.00	230,517.90	667,584.61	263,623.52	0.00	1,161,726.04
A1304.06.01.03 Abort Kicker Power Supply	Scheduled	0.00	0.00	83,910.98	572,642.20	430,913.70	0.00	1,087,466.87
A1304.06.02 New DC Supplies	Scheduled	0.00	0.00	0.00	0.00	385,250.90	0.00	385,250.90
A1304.07.01 Delivery Ring Repurposed Magnets	Scheduled	0.00	0.00	0.00	0.00	15,391.15	0.00	15,391.15
A1304.07.02 Delivery Ring Inj C Magnet	Scheduled	0.00	0.00	8,322.95	7,741.38	253,876.76	0.00	269,941.09
A1304.07.03 Delivery Ring Inj Kicker Magnet Refurbishment	Scheduled	0.00	0.00	1,497.74	0.00	84,554.66	0.00	86,052.40
A1304.07.04 Delivery Ring Magnetic Septa Magnets (1 spare)	Scheduled	0.00	0.00	0.00	0.00	396,127.68	0.00	396,127.68
A1304.08.01 Tunnel Installation	Scheduled	0.00	0.00	40,477.84	0.00	753,250.57	0.00	793,728.41
A1304.08.02 Cable Installation	Scheduled	0.00	0.00	0.00	0.00	177,007.41	0.00	177,007.41
Grand Total	Scheduled	0.00	0.00	1,388,555.25	2,403,968.18	3,295,204.26	0.00	7,087,727.70

**Delivery Ring Post CR007 CAP**

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Grand Total	Scheduled	0.00	0.00	1,388,555.25	2,403,968.18	3,295,204.26	0.00	7,087,727.70