Muon Campus AIP

Change Request Form

CR#:RRF008

1) DATE: 2/4/15	**2)WBS: RRF1**	**3) Originator: Ken Domann**

4) WBS Description of Primary Affected Tasks: Recycler RF

5) Technical Description & Primary Motivation for Change: This change request documents the changes to escalation calculations caused by entering new resource rates into Cobra that incorporated past experience on resource costs. It was not initially understood that Cobra does not automatically recalculate based on these new rates and therefore the old escalation values were not revised. The total change to the ~~Beam Transport~~ Recycler RF budget is $47,036.

6) Assessment of Cost Impact (Use attachments if needed): See attached.

7) Assessment of Schedule Impact (Use attachments if needed): NA

8) Secondary Impact & Other Comments: N/A

9) Approvals:

AIP Project Manager:		**Date:** 02/04/15
AIP Project Coordinator:		**Date:** 2/5/15
AD Div Director:		**Date:**
Directorate:		**Date:**

Recycler RF Pre CR008 CAP

Control Account		FY12	FY13	FY14	FY15	FY16	Cumulative
A1302.01.04.01 Recylcer AIP Oversight - FY13							
	Scheduled	0.00	24,910.17	0.00	0.00	0.00	24,910.17
A1302.01.04.02 Recylcer AIP Oversight - FY14							
	Scheduled	0.00	0.00	116,046.75	0.00	0.00	116,046.75
A1302.01.04.03 Recylcer AIP Oversight - FY15							
	Scheduled	0.00	0.00	0.00	95,214.68	0.00	95,214.68
A1302.01.04.04 Recylcer AIP Oversight - FY16							
	Scheduled	0.00	0.00	0.00	0.00	113,927.23	113,927.23
A1302.02.01 Recycler Cavities & Power Amplifiers							
	Scheduled	0.00	99,016.36	627,121.66	2,806,143.51	1,470,334.11	5,002,615.64
A1302.02.02 Recycler RF Cooling							
	Scheduled	0.00	0.00	0.00	4,956.66	486,151.32	491,107.99
A1302.02.03 Recycler Low Level RF							
	Scheduled	0.00	0.00	0.00	3,937.99	171,969.15	175,907.14
A1302.02.04 Recycler RF Installation							
	Scheduled	0.00	0.00	0.00	0.00	371,963.16	371,963.16
A1302.02.05 8kW 2.4 Mhz RF Cavity System							
	Scheduled	0.00	0.00	0.00	0.00	831,558.88	831,558.88
Grand Total							
	Scheduled	0.00	123,926.53	743,168.41	2,910,252.85	3,445,903.85	7,223,251.65

Recycler RF Post CR008 CAP

Control Account	Results		FY12	FY13	FY14	FY15	FY16	Cumulative
A1302.01.04.01 Recycler AIP Oversight - FY13								
		Scheduled	0.00	24,910.17	0.00	0.00	0.00	24,910.17
A1302.01.04.02 Recycler AIP Oversight - FY14								
		Scheduled	0.00	0.00	116,046.75	0.00	0.00	116,046.75
A1302.01.04.03 Recycler AIP Oversight - FY15								
		Scheduled	0.00	0.00	0.00	95,214.68	0.00	95,214.68
A1302.01.04.04 Recycler AIP Oversight - FY16								
		Scheduled	0.00	0.00	0.00	0.00	116,017.08	116,017.08
A1302.02.01 Recycler Cavities & Power Amplifiers								
		Scheduled	0.00	99,016.36	627,121.66	2,806,143.51	1,506,015.45	5,038,296.98
A1302.02.02 Recycler RF Cooling								
		Scheduled	0.00	0.00	0.00	4,956.66	489,252.82	494,209.49
A1302.02.03 Recycler Low Level RF								
		Scheduled	0.00	0.00	0.00	3,937.99	175,175.33	179,113.32
A1302.02.04 Recycler RF Installation								
		Scheduled	0.00	0.00	0.00	0.00	374,919.88	374,919.88
A1302.02.05 8kW 2.4 Mhz RF Cavity System								
		Scheduled	0.00	0.00	0.00	0.00	831,558.88	831,558.88
Grand Total								
		Scheduled	0.00	123,926.53	743,168.41	2,910,252.85	3,492,939.44	7,270,287.23