

Core Facility Revitalization (CFR) Project									
Preliminary Cost Estimate - B725 Renovation Point Estimate									
Date: 7/28/2016									
WBS	WBS	WBS	WBS	Description					
Level 1	Level 2	Level 3	Level 4		in \$K		in \$K		
1.0	Core Facility Revitalization								
1.01	Project Design & Engineering								\$5,140
	1.01.01	A/E Preliminary & Final Design			\$4,217				
	1.01.02	CM Pre-construction Services & ICE			\$220				
	1.01.03	Project Commissioning - Pre-construction			\$75				
	1.01.04	Project Management Pre-Construction			\$485				
	1.01.05	BNL/MPO Engineering Support Pre-Construction Phase			\$143				
1.02	Construction								\$50,712
	1.02.01	Site Preparation Activities			\$2,000				
	1.02.02	CFR Construction			\$44,034				
	1.02.03	A/E Construction Administration Services			\$440				
	1.02.04	Project Commissioning - Construction			\$200				
	1.02.05	Project Management - Construction			\$1,425				
	1.02.06	Project Support - Construction							
		1.02.06.01	BNL/MPO Engineering Support - Construction		\$230				
		1.02.06.02	BNL Field Support - Construction		\$2,129				
	Escalation - (Included in Const Est. @ 3% for 3 yrs.)								
	Subtotal								\$55,853
	Total Project Contingency (20%)								\$11,171
	Total Estimated Cost (TEC)								\$67,023
1.03	Other Project Costs (OPC)								
	1.03.01	Conceptual Design (BSA Cost)			\$850				\$850
	Total Line Item Project Cost (TPC)								\$67,873