

Core Facility Revitalization (CFR) Project
Preliminary Cost Estimate - B725 Renovation Point Estimate

Date: 12/15/2016

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				\$5,520
		1.01.01	A/E Preliminary & Final Design (9% Const. Budget)		\$4,556	
		1.01.02	CM Pre-construction Services & ICE (.5% Const. Budget)		\$240	
		1.01.03	Project Commissioning - Pre-construction		\$75	
		1.01.04	Project Management Pre-Construction		\$506	
		1.01.05	BNL/MPO Engineering Support Pre-Construction Phase		\$143	
	1.02	Construction				\$55,874
		1.02.01	Site Preparation Activities		\$2,000	
		1.02.02	CFR Construction		\$42,485	
			Add 1.2 MW IT Power		\$5,581	
		1.02.03	A/E Construction Administration Services (1% Const. Budget)		\$481	
		1.02.04	Project Commissioning - Construction		\$200	
		1.02.05	Project Management - Construction		\$1,724	
		1.02.06	Project Support - Construction			
		1.02.06.01	BNL/MPO Engineering Support - Construction		\$250	
		1.02.06.02	BNL Field Support - Construction		\$2,803	
			Escalation - (Included in CFR Const Est. @ 3% for 3 yrs.)			
			Subtotal			\$61,394
			Total Project Contingency (20%)			\$12,606
			Total Estimated Cost (TEC)			\$74,000
	1.03	Other Project Costs (OPC)				
		1.03.01	Conceptual Design (BSA Cost)		\$850	\$850
			Total Line Item Project Cost (TPC)			\$74,850