

PECO Project Detail

University: University of Florida
 Project Name: Chemical Engineering Renovation and Remodeling
 Project Address: 1006 Center Drive; Gainesville, FL 32611

Priority #: 2

PROJECT NARRATIVE

The Chemical Engineering building, completed in 1966, has well-documented HVAC and structural/settling issues and has not been significantly renovated since its initial construction. This building houses the majority of faculty offices and laboratory space for the Department of Chemical Engineering, providing offices for 20 faculty and their PhD students. The building also houses the department's teaching laboratories, supporting undergraduate and graduate programs in chemical engineering. There are currently projects underway, funded by UF, to correct the HVAC issues and address the settlement challenges. This project would continue to improve and update this facility.

The proposed project will elevate the building to support 21st century chemical engineering research and education, in accordance with UF's national stature as a leading academic institution. This project would renovate/remodel research laboratory space to meet current standards in laboratory safety and support nationally competitive chemical engineering research. It would transform teaching laboratory space to accommodate 21st century chemical engineering education. The rearrangement of faculty and PhD student office spaces will create efficiency and promote collaboration. In addition, the project would abate hazardous materials, upgrade to a more energy efficient lighting and provide other efficiencies. Lastly, this project would increase capacity for teaching modules reflecting the breadth of the chemical engineering discipline.

RESERVE ESCROW PLAN

	Renovation/Remodeling Projects (1% per s. 1001.706(12)(c) F.S.)	New Construction Projects (2% per Board Regulation 14.002)
Estimated Bldg Value:	\$ 19,362,202	\$ -
Value Basis/Source:		Total construction cost or insurable value, whichever is greater.
Estimated 1st Yr Deposit:	\$ 193,622	\$ -
Funding Source:		
Comments:		

BUILDING SPACE DESCRIPTION (account for all building space below)

Space Type (per FICM)	Net Sq. Ft. (NSF)	Net-to-Gross		Unit Cost * (per GSF)	Building Cost
		Conversion Factor	Gross Sq. Ft. (GSF)		
	-		-		-
	-		-		-
	-		-		-
	-		-		-
	-		-		-
	-		-		-
	-		-		-
	-		-		-
	-		-		-
	-		-		-
Subtotal NASF:	-		-		-
Other	-		-		-
Total:	-		-		-

* Apply Unit Cost to total GSF based on Space Type

REMODELING / RENOVATION

	Net Sq. Ft. (NSF)	Conversion Factor	Gross Sq. Ft. (GSF)	Unit Cost * (per GSF)	Building Cost	Remodeling Projects Only	
						BEFORE	AFTER
Research Lab	14,613	1.4	20,458	496	10,147,267	14,613	14,613
Teaching Lab	7,882	1.4	11,035	461	5,087,043	7,882	7,882
Office	6,288	1.4	8,803	381	3,354,019	6,288	6,288
Campus Support Services	-	1.4	-	362	-	1,164	1,164
Classroom	-	1.4	-	418	-	1,154	-
Study	1,154	1.4	1,616	479	773,872	342	1,496
	-		-		-	-	-
	-		-		-	-	-
Subtotal NASF:	-		-		-	-	-
Other	-		-		-	-	-
Total:	29,937		41,912		19,362,202	31,443	31,443
Grand Total:	29,937		41,912		19,362,202		

PROJECT COMPONENT COSTS & PROJECTIONS

	Costs Incurred		Projected Costs					Total
	to Date	Year 1	Year 2	Year 3	Year 4	Year 5		
Basic Construction Costs								
Building Cost (from above)	-	19,362,202	-	-	-	-	19,362,202	
Environmental Impacts/Mitigation	-	-	-	-	-	-	-	
Site Preparation	-	175,000	-	-	-	-	175,000	
Landscape / Irrigation	-	15,000	-	-	-	-	15,000	
Plaza / Walks	-	23,000	-	-	-	-	23,000	
Roadway Improvements	-	-	-	-	-	-	-	
Parking : spaces	-	-	-	-	-	-	-	
Telecommunication	-	300,000	-	-	-	-	300,000	
Electrical Service	-	150,000	-	-	-	-	150,000	
Water Distribution	-	-	-	-	-	-	-	
Sanitary Sewer System	-	-	-	-	-	-	-	
Chilled Water System	-	-	-	-	-	-	-	
Storm Water System	-	-	-	-	-	-	-	
Energy Efficient Equipment	-	500,000	-	-	-	-	500,000	
Subtotal: Basic Const. Costs	-	20,525,202	-	-	-	-	20,525,202	
Other Project Costs								
Land / existing facility acquisition	-	-	-	-	-	-	-	
Professional Fees	-	2,621,798	-	-	-	-	2,621,798	
Fire Marshall Fees	-	-	-	-	-	-	-	
Inspection Services	-	41,000	-	-	-	-	41,000	
Insurance Consultant	-	12,000	-	-	-	-	12,000	
Surveys & Tests	-	20,000	-	-	-	-	20,000	
Permit / Impact / Environmental Fees	-	80,000	-	-	-	-	80,000	
Artwork	-	-	-	-	-	-	-	
Moveable Furnishings & Equipment	-	2,500,000	-	-	-	-	2,500,000	
Project Contingency	-	4,200,000	-	-	-	-	4,200,000	
Subtotal: Other Project Costs	-	9,474,798	-	-	-	-	9,474,798	
Total Project Cost:	-	30,000,000	-	-	-	-	30,000,000	

PROJECT FUNDING

Funding Received to Date (all sources)			Projected Supplemental Funding			Projected PECO Requests		Total Project Cost
Source	FY	Amount	Source	FY	Amount	FY	Amount	
						23-24	30,000,000	Should equal <i>Total Project Cost</i> above
		-			-		30,000,000	30,000,000