

## 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 <b>Only</b>	
						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		
<b>Basic Construction Costs</b>								
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
<b>Subtotal: Basic Const. Costs</b>	-	20,525,202	-	-	-	-	-	<b>20,525,202</b>
<b>Other Project Costs</b>								
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
<b>Subtotal: Other Project Costs</b>	-	9,474,798	-	-	-	-	-	<b>9,474,798</b>
<b>Total Project Cost:</b>	-	30,000,000	-	-	-	-	-	<b>30,000,000</b>

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**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	<b>30,000,000</b>

\*

\* Does not include \$2,797,900 in critical HVAC repairs to be funded via the "Deferred Building Maintenance Program" from State Fiscal Recovery Fund (federal Covid-19 stimulus).