State University System of Florida CIP - 3 PROJECT DETAIL Revised April 15, 2019

University Name: Florida A&M University-Tallahassee

Project Address: Tallahassee

Project Title: FAMU/FSU College of Engineering Bldg. C

CIP-3 A - NARRATIVE DESCRIPTION:

The FAMU-FSU College of Engineering has been widely hailed for taking the initiative to create programs to align academic curriculum with industry needs. The College ensures that the students learn what they need to learn through quality teaching and research.

The College's primary goal is to provide a challenging and educational experience for our students that will enable them to become effective engineering professionals in an increasingly technological society in which engineering jobs are substantially increasing and starting salaries are among the highest of all college graduates. According to data from the Florida Department of Economic Opportunity, Engineering jobs are projected to grow 10.9% from 2017 – 2025, with much larger growth projected in key fields of study offered at the FAMU-FSU College of Engineering such as 14.6% in Environmental, 15.2% in Civil, and 23.7% in Biomedical. Additional space is needed to support this growth.

The total cost of this project is estimated to be $87 million. Funds requested for this project represent total projects costs including all design, construction, and furnishings/equipment costs. The University strives to certify all major projects, including this one, targeting a minimum USGBC LEED certification level of Silver. In September 2018, the University conducted a joint Educational Plant Survey. Please refer to Recommendation FAMU/FSU College of Engineering 3.1 for the needs verification for this project. Changes in program, facility maintenance and utility costs which would occur as a result of completing this project cannot be reasonably determined at this time.

CIP-3, B - PROJECT DESCRIPTION

Facility/Space Type	Net Area (NASF)	Net to Gross Conversion	Gross Area (GSF)	Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date
Classroom	6,900	1.5	10,350	290	3,001,500		2019-20
Teaching Lab	5,300	1.65	8,745	420	3,672,900		
Research Lab	26,600	1.65	43,890	450	19,750,500		
Office	21,100	1.5	31,650	290	9,178,500		
Study	27,400	1.5	41,100	290	11,919,000		
Instruct.Media	5,100	1.5	7,650	340	2,601,000		
Auditorium/Exhi	5,900	1.48	8,732	400	3,492,800		
Campus Suppor	5,700	1.5	8,550	290	2,479,500		
Food Service (Shell)	2,000	1.6	3,200	290	928,000		
Totals	106,000		163,867		57,023,700		

*Apply Unit Cost to total GSF based on primary space type

Remodeling/Renovation

	-	-	-

Total Construction - New & Rem./Renov. 57,023,700

Space Detail for Remodeling Projects

BEFORE Space Type	BEFORE Net Area (NASF)	AFTER Space Type	AFTER Net Area (NASF)
-		-	
-		-	
-		-	
-		-	
-		-	
Total	-	Total	-

CIP-3, C - SCHEDULE OF PROJECT COMPONENTS

1. BASIC CONSTRUCTION COSTS	Funded to Date	2020-2021 Year 1	2021-2022 Year 2	2022-2023 Year 3	2023-2024 Year 4	2024-2025 Year 5	Funded & In CIP
a.Construction Cost (from above)			57,023,700				57,023,700
Add'l/Extraordinary Const. Costs		7,045,000					7,045,000
b.Environmental Impacts/Mitigation							-
c.Site Preparation			3,250,000				3,250,000
d.Landscape/Irrigaiton							-
e.Plaza/Walks							-
f.Roadway Improvements							-
g.Parking ___ spaces							-
h.Telecommunication			935,000				935,000
i.Electrical Service			241,400				241,400
j.Water Distribution			241,400				241,400
k.Sanitary Sewer System			241,400				241,400
l.Chilled Water System			241,400				241,400
m.Storm Water System			241,400				241,400
n.Energy Efficient Equipment							-
Total Construction Costs	-	7,045,000	62,415,700	-	-	-	69,460,700
2. OTHER PROJECT COSTS							
a.Land/existing facility acquisition							-
b.Professional Fees		4,735,000	50,000				4,785,000
C.CM Preconstruction Services (1%)		690,000					690,000
d.Fire Marshall Fees		0					-
e.Inspection Services		675,000	315,000				990,000
f.Insurance Consultant		45,000					45,000
g.Surveys & Tests		55,000	120,000				175,000
h.Permit/Impact/Environmental Fees		0	135,000				135,000
i.Artwork			100,000				100,000
j.Moveable Furnishings & Equipment				5,800,000			5,800,000
k.Project Contingency		1,955,000	2,864,300				4,819,300
Total - Other Project Costs	-	8,155,000	3,584,300	5,800,000	-	-	17,539,300
ALL COSTS 1+2	-	15,200,000	66,000,000	5,800,000	-	-	87,000,000

Appropriations to Date Source	Fiscal Year	Amount	Project Costs Beyond CIP Period Source	Fiscal Year	Amount	Total Project In CIP & Beyond
Note: This is a match request with FSU						
TOTAL		-	TOTAL		-	87,000,000