University of Alabama System Board Rule 415 (2/2005) Board Submittal Checklist Criteria

* Board Submittal Checklist No. 4 Capital Project – Stage IV and Revised Budget/1 (Construction Contract Award and Revised Budget)

Campi	18:	The University of Alabama
Project Name:		ne: New Tutwiler Residence Hall
UA Project #:		#:
Meeting Date:		te: November 7 – 8, 2019
\boxtimes	1.	Completed Board Submittal Checklist No. 4
\boxtimes	2.	Transmittal Letter to Chancellor from Campus President requesting the project be placed on the agendas for the forthcoming Physical Properties Committee and Board of Trustees (or
\boxtimes	3.	Executive Committee) meetings Resolution requesting approval of the Construction Contract Award, Construction Budget,
\boxtimes	4. 5.	and Project Budget Campus correspondence/photographs providing supplemental project information Executive Summary of Proposed Capital Project with final Contract Construction Budget and
K		Project Budget (include all proposed project funding for movable equipment and furnishings)
\boxtimes	6.	Project Summary
	7.	Project Planning Report /2
\boxtimes	8.	Tabulation of Competitive bids - certified by Project Architect/Construction Manager
\boxtimes	9.	Recommendations for Contract Award by Architect/Construction Manager
\boxtimes	10.	Campus map(s) showing location of project site
\boxtimes	11.	Final Business Plans (if applicable) /3
		A /

Approved by:

/1 Reference Tab 3H - Board Rule 415 Instructional Guide

/2 Reference Tab 3E - Board Rule 415 Instructional Guide

/3 Reference Tab 3V - Board Rule 415 Instructional Guide

* Basic documents required for this Board Submittal Package. Include other supporting materials, correspondence, etc., as may be required to fully describe or illustrate project being submitted for approval to Physical Properties Committee and Board of Trustees.

RESOLUTION

NEW TUTWILER RESIDENCE HALL

WHEREAS, on September 23, 2016, in accordance with Board Rule 415, The Board of Trustees of The University of Alabama ("Board") approved a Stage I submittal for the New Tutwiler Residence Hall project ("Project") and an amendment to The University of Alabama's ("University") Campus Master Plan to include this Project; and

WHEREAS, in accordance with Board Rule 415, on April 6, 2017, the Board authorized the University to proceed with architectural services utilizing TurnerBatson Architects, Birmingham, Alabama (partnered with Mackey Mitchell Architects, St. Louis, Missouri); and

WHEREAS, upon completion of negotiations with TurnerBatson Architects, Birmingham, Alabama, the University established a final design fee of 3.5% of the total costs of all construction packages and landscaping, plus \$120,000 for program verification and enhanced services, plus \$96,400 for reimbursable expenses, less credits in the amount of \$10,000 for landscape architecture and \$25,000 for interior design; and

WHEREAS, in accordance with Board Rule 415, on April 6, 2017, the Board authorized the University to proceed with commissioning services utilizing Environmental Systems Corporation, Huntsville, Alabama; and

WHEREAS, upon completion of negotiations with Environmental Systems Corporations, Huntsville, Alabama, the University established a final lump sum fee of \$123,903 for Commissioning Services; and

WHEREAS, on April 12, 2019, the Board approved renderings for the Stage III submittal; and

WHEREAS, on April 12, 2019, the Board approved a Revised Scope to include Furnishings, Fixtures, and Equipment, install keyless entry points at all bedroom entryways, provide dedicated bathroom facilities within the residential units, and provide a feature central courtyard; and

WHEREAS, on April 12, 2019, in order to deliver the Project at a time to coordinate with the academic schedule so as to complete the Project for Fall 2022 occupancy, the Board approved the separation of the Project into four (4) construction packages: (1) Package A – Early Sitework and Utilities, (2) Package B – Deep Foundations, (3) Package C – Building Construction, and (4) Package D – Julia's Market Fitout.

WHEREAS, Package A – Early Sitework and Utilities included necessary site prep, erosion control measures, and utility relocations to prepare the Project site and is complete; and

WHEREAS, Package B – Deep Foundations includes the deep foundations for the Project and additional utility work necessary to be coordinated with the foundation system; and

WHEREAS, Package C – Building Construction will include the construction of the residence hall, new underground electrical and telecommunication infrastructure, thermal piping and new access roads and sidewalks; and

WHEREAS, Package D – Julia's Market Fitout will include the fitout of Julia's Market within the shell space constructed as part of Package C – Building Construction; and

WHEREAS, on April 12, 2019, the Board approved a Revised Budget to reflect the final negotiated architectural and commissioning fees, the cost of inflation from the originally anticipated bid date, and the cost of the Revised Scope; and

WHEREAS, on May 16, 2019, pursuant to Title 39, State Bid Law of Alabama Code, competitive bids were received for Package A- Early Sitework and Utilities of this Project and GFC Construction, Inc. of Duncanville, Alabama was declared the lowest responsible bidder with a cost for the package of \$504,789; and

WHEREAS, the base bid for Package A- Early Site Work and Utilities was below the \$750,000 threshold amount required for Board approval; and

WHEREAS, on July 30, 2019, pursuant to Title 39, State Bid Law of Alabama Code, competitive bids were received for Package B – Deep Foundations Project and WAR Construction, Inc. of Tuscaloosa, Alabama was declared the lowest responsive and responsible bidder with an adjusted base bid in the amount of \$3,301,000; and

WHEREAS, on September 6, 2019, the Board approved to award the construction contract for Package B – Deep Foundations of the Project to WAR Construction, Inc. for a total contract amount of \$3,301,000; and

WHEREAS, on September 6, 2019, the Board approved a budget reallocation to reflect the contract amounts for Package A-Early Sitework and Utilities and Package B-Deep Foundations and the associated reallocation to Package C – Building Construction; and

WHEREAS, on October 22, 2019, pursuant to Title 39, State Bid Law of Alabama Code, competitive bids were received for Package C – Building Construction and B. L. Harbert International, LLC of Birmingham, Alabama (B. L. Harbert) was declared the lowest responsive and responsible bidder with an adjusted base bid in the amount of \$110,844,000; and

WHEREAS, the University desires to accept Alternates 1 through and including 11 totaling \$4,158,000; and

WHEREAS, the University is requesting approval to accept B. L. Harbert's adjusted base bid and Alternates 1 through and including 11 for a contract amount of \$115,002,000; and

WHEREAS, Package D – Julia's Market Fitout and Landscaping are now included in Package C – Building Construction to ensure coordination and custody of the work and to receive improved pricing through economy of scale; and

WHEREAS, the University is requesting approval for a Revised Budget to reflect the final contract amount for Package A – Early Sitework and Utilities, the bid amount inclusive of all Alternates for Package C – Building Construction and the associated savings to soft costs; and

WHEREAS, the Project location and program have been reviewed and are consistent with the Campus Master Plan, University Design Standards, and the principles contained therein; and

WHEREAS, the Project will be funded from 2019 General Revenue Bonds in the amount of \$110,000,000, Housing & Residential Communities Reserves in the amount of \$31,524,170, Food Service Reserves in the amount \$2,902,124, and University Plant Reserves in the amount \$474,365; and

WHEREAS, the Revised Budget for the Project is as stipulated below:

BUDGET:	REVISED		
Package A – Early Sitework and Utilities	\$	493,397	
Package B – Deep Foundations	\$	3,301,000	
Package C - Building Construction	\$	115,002,000	
Furniture, Fixtures and Equipment	\$	4,500,000	
Security/Access Control	\$	2,700,000	
Telecommunication/Data	\$	1,100,000	
Contingency* (5%)	\$	5,915,150	
UA Project Management Fee** (3%)	\$	3,741,346	
Architect/Engineer Fee*** (4.2%)	\$	4,987,990	
Commissioning Fee**** (Lump Sum)	\$	123,903	
Other Fees and Services (testing, advertising, printing, transportation)		3,035,873	
TOTAL PROJECT COST		144,900,659	

^{*}Contingency is based on 5% of the costs of Packages B and C.

Work Completed-Final Contract Amount

WHEREAS, officials at The University of Alabama have determined that the Board will incur certain costs in connection with the acquisition, construction and installation of the Project prior to the issuance of the Bonds, and the Board intends to allocate a portion of the proceeds of the Bonds to

^{**}UA Project Management Fee is based on 3% of the total costs of all construction packages and contingency.

^{***}Architect/Engineer Fee is based on 3.5% of the total costs of all construction packages, plus \$120,000 for program verification and enhanced services and \$96,400 for reimbursable expenses, plus \$648,716 for additional services including re-evaluating building footprint and floorplans to maximize resident density, building efficiency, and site utilization, less credits in the amounts of \$10,000 for landscape architecture and \$25,000 for interior design.

^{****}Commissioning Fee is based on a lump sum amount of \$123,903.

reimburse the Board for certain of the costs incurred in connection with the acquisition, construction and installation of the Project paid prior to the issuance of the Bonds; and

NOW BE IT RESOLVED by The Board of Trustees of The University of Alabama that The University of Alabama does hereby declare that it intends to allocate a portion of the proceeds of the Bonds to reimburse the Board for expenses incurred after the date that is no more than sixty days prior to the date of the adoption of this resolution, but prior to the issuance of the Bonds in connection with the acquisition, construction, and installment of the Project. This portion of this resolution is being adopted pursuant to the requirements of Treasury regulations Section 1.150-2(e)

NOW BE IT FURTHER RESOLVED that:

- 1. Stuart R. Bell, President, Matthew M. Fajack, Vice President for Finance and Operations and Treasurer, or those officers named in the most recent Board Resolution granting signature Authority for the University of Alabama be, and each hereby is, authorized to act for and in the name of The Board of Trustees of The University of Alabama in executing the aforementioned contract with B. L. Harbert International, LLC of Birmingham, Alabama, for Package C Building Construction of the Project in accordance with Board Rule 415.
- 2. The Revised Budget for the Project is hereby approved as stipulated above.





October 28, 2019

To:

Stuart R. Bell

From:

Matthew M. Fajack

Subject:

Board Item - Action: Stage IV and Revised Budget submittals:

HAMMA

New Tutwiler Residence Hall UA Project # 279-16-950

On October 22, 2019, pursuant to Title 39, State Bid Law of Alabama Code, The University of Alabama ("University") received competitive bids for the New Tutwiler Residence Hall - Package C - Building Construction Package project ("Project"). B. L. Harbert International, LLC of, Birmingham, Alabama, was declared the lowest responsible and responsive bidder with an adjusted base bid in the amount of \$110,844,000, which is less than funds available for the Project. The University also desires to accept Alternates 1 through and including 11 totaling \$4,158,000. The University is requesting approval to accept B. L. Harbert's adjusted base bid and Alternates 1 through and including 11 for a total contact amount of \$115,002,000.

Additionally, the University is requesting approval for a Revised Budget to reflect the final contract amount for Package A - Early Sitework and Utilities, savings for the Package C -Building Construction contract amount and the associated savings to soft costs.

The Project will be funded from 2019 General Revenue Bonds in the amount of \$110,000,000, Housing & Residential Communities Reserves in the amount of \$31,524,170, Food Service Reserves in the amount \$2,902,124, and University Reserves in the amount \$474,365.

I have attached a Resolution, Executive Summary, Project Summary, Project Planning Report, Bid Tabulation, Business Plan and Location map for your review. Subject to your approval, I recommend this item be forwarded to the Chancellor for inclusion as an Action item on the agenda of the Physical Properties Committee at the Board of Trustees meeting scheduled for November 7 – 8, 2019.

MMF/ccj

Attachments

pc w/atchmts: Michael Rodgers

WHERE

Tim Leopard

Ben Youngblood

Michael Lanier

Sommer Coleman

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Trent Hall MADE

LEGENDS

EXECUTIVE SUMMARY PROPOSED CAPITAL PROJECT BOARD OF TRUSTEES SUBMITTAL

Meeting Date: November 7-8, 2019 The University of Alabama, Tuscaloosa, Alabama **CAMPUS: PROJECT NAME: New Tutwiler Residence Hall** PROJECT LOCATION: Northeast corner of 10th Avenue and 12th Street TurnerBatson Architects, Birmingham, AL **ARCHITECT:** (Mackey Mitchell Architects, St. Louis, MO) Environmental Systems Corporation, Huntsville, AL **COMMISSIONING AGENT:** THIS SUBMITTAL: PREVIOUS APPROVALS: Campus Master Plan amendment September 23, 2016 Stage I September 23, 2016 Stage II (Architect selection) April 7, 2017 Stage II (Commissioning Agent selection) April 7, 2017 **Budget Reallocation** April 7, 2017 Stage III April 12, 2019 Revised Scope and Budget April 12, 2019 Stage IV September 6, 2019 **Budget Reallocation** September 6, 2019 Stage IV Revised Budget PROJECT TYPE SPACE CATEGORIES PERCENTAGE GSF Building Construction Residential ~94% 358,336 **Building Demolition** Storm Shelter ~4% 16,660 Housing and Residential Communities Office ~1% 3,519 Iulia's Market 4,500 ~1% 383,015 **TOTAL** 100% **BUDGET** Current Revised Package A – Early Sitework and Utilities \$ 504,789 \$ 493,397 Package B – Deep Foundations \$ \$ 3,301,000 3,301,000 Package C – Building Construction \$ \$ 115,002,000 117,757,970 Package D - Julia's Market Fitout \$ 1,250,000 \$ 0 Landscaping \$ \$ 0 600,000 Furniture, Fixtures and Equipment \$ \$ 4,500,000 4,910,562 \$ Security/Access Control 2,700,000 2,700,000 Telecommunication/Data \$ 1,300,000 \$ 1,100,000 \$ \$ Contingency* (5%) 6,170,688 5,915,150 UA Project Management Fee** (3%) \$ \$ 3,741,346 3,887,533 Architect/Engineer Fee*** (~3.7%/4.2%) \$ \$ 4,987,990 4,500,882

Commissioning Fee**** (Lump Sum)

TOTAL PROJECT COST

Other Fees and Services (Testing, Advertising, Printing, Transportation)

\$

\$

123,903

3,035,873

144,900,659

\$

\$

123,903

3,035,873

150,043,200

^{*}Contingency is based on 5% of the total costs of Packages B and C.

^{**}UA Project Management Fee is based on 3% of the total costs of all construction packages and contingency.

^{***}Architect/Engineer Fee is based on 3.5% of the total costs of all construction packages, plus \$120,000 for program verification and enhanced services and \$96,400 for reimbursable expenses, plus \$648,716 for additional services, including providing alternative building footprints and floorplans to maximize resident density, building efficiency, and site utilization, less credits in the amounts of \$10,000 for landscape architecture and \$25,000 for interior design.

****Commissioning Fee is based on a lump sum in the amount of \$123,903. Work Completed-Final Contract Amount

ESTIMATED ANNUAL OPERATING AND MAINTENANCE (O&M) COSTS:	
(Utilities, Housekeeping, Maintenance, Insurance, Other)	
Per GSF: 383,015 GSF x ~\$5.59/GSF	\$ 2,141,054
TOTAL ESTIMATED ANNUAL O&M COSTS:	\$ 2,141,054

FUNDING SOURCE:	
Capital Outlay:	
2019 General Revenue Bonds	\$ 110,000,000
Housing & Residential Communities Reserves	\$ 31,524,170
Food Service Reserves	\$ 2,902,124
University Reserves	\$ 474,365
O&M Costs: Housing and Residential Communities annual operating budget	\$ 2,141,054

NEW EQUIPMENT REQUIRED:

RELATIONSHIP & ENHANCEMENT OF CAMPUS PROGRAMS:

The New Tutwiler Residence Hall project ("Project") will assist The University of Alabama with keeping pace with preferred living accommodations for incoming freshmen and other students by providing a more traditional college experience through enhancing interaction with other students.

There is substantial research that has been generated by Higher Education professional organizations and researchers that supports that double occupancy rooms in reasonably sized "pods" have a major impact on overall student success and satisfaction. This positive will manifest itself in many ways including retention, grades, student engagement and relationship development, and even long-term loyalty to the institution.

The design of the Project is intended to encourage this interaction and halo effect through the spatial relationships and layout of the student living areas.

The new facility will also provide for capacity in the housing system so that strategic renovations can be made to existing facilities as part of the Housing and Residential Communities R&R Plan.

ATTACHMENT NO. 1

Project: New Tutwiler Residence Hall BOT Submittals: Stage IV and Revised Budget Meeting Date: November 7 - 8, 2019

Project Summary

NEW TUTWILER RESIDENCE HALL

The construction of the 383,015-gross square foot New Tutwiler Residence Hall project ("Project"), will be located on the northeast corner of 10th Avenue and 12th Street. The Project will assist The University of Alabama ("University") with addressing the high demand for oncampus first-year student housing. The new facility will also provide for capacity in the housing system so that strategic renovations can be made to existing facilities as part of the Housing and Residential Communities (HRC) R & R Plan. The demolition of the existing Tutwiler Residence Hall is not part of this Project and will not take place until the new residence hall is complete.

The Project will house approximately 1,284 freshmen female students and will consist of double occupancy units. Each level of the building includes smaller, intimate social and gathering spaces to encourage a sense of comfort and community for the students. Special consideration has been given to the student flow to support annual move-in events as well as summer camps. For this reason, six elevators have been planned for the Project to accommodate the vertical movement of students. Through focus group interviews that were conducted during programming, rising juniors expressed the need for a comfortable atmosphere for the female students to focus on their personal well-being. In order to foster the well-being of the students, a fitness center will also be included in the Project.

In addition to the residential component, the Project will include an approximate 16,600 square foot storm shelter capable of providing protection for approximately 1,413 students, faculty and staff. The functionality of the storm shelter as a multipurpose space will be bid as an alternate to the project. If accepted, the multipurpose space will allow the freshman students the ability to utilize the area for group meetings or social gatherings and for other programming opportunities to support Student Life operations.

The Julia's Market food service venue that is currently located in the existing Tutwiler Residential Hall will be relocated to New Tutwiler and expanded to support the increased student density.

Satellite HRC offices will be included to support this facility and the south campus housing area.

Safety and security of the community is paramount and, as such, there are numerous elements integrated into the design to support this. These include, but are not limited to, keyless entry installed with traditional locksets at all bedroom entryways; dedicated bathroom facilities within the residential units as opposed to the shared bathrooms outside of the residential unit; access control and cameras at all building entrances and other strategic points; perimeter fencing at all areas adjacent to public right of way; and controlled access to the courtyard.

The central courtyard will provide additional opportunities for residents to gather and HRC can host events to improve the student experience.

Furnishing, Fixtures, and Equipment are included in the Project to fully furnish all residence rooms, common areas, peripherals, and office furniture. Appliances will be provided to support the director suites and student lounges and combination microwaves and minifridges are included in each unit.

In order to deliver the Project at a time to coordinate with the academic schedule for Fall 2022 occupancy, the Project has been separated into three (3) construction packages: (1) Package A – Early Sitework and Utilities, (2) Package B – Deep Foundations, (3) and Package C – Building Construction. Package D – Julia's Market Fitout and Landscaping are now included in the bid for Package C – Building Construction to ensure coordination and custody of the work and receive improved pricing through economy of scale.

Package A – Early Sitework and Utilities included necessary site prep, erosion control measures, and utility relocations to prepare the Project site. Package B – Deep Foundations (currently in progress) will include the deep foundations for the Project and additional utility work necessary to be coordinated with the foundation system.

Package C – Building Construction will include the construction of the residence hall; provide new underground electrical and telecommunication infrastructure; thermal piping; and new access roads and sidewalks. The new access roads and sidewalks will support connectivity to nearby facilities to ensure the building functions as intended. Julia's Market Fitout, which will include the fitout of the Julia's Market store, and Landscaping are also now included with Package C as indicated above.

THE UNIVERSITY OF ALABAMA SYSTEM PROJECT PLANNING REPORT DATE: November 7-8, 2019

INITIAL REPORT
INTERIM REPORT
X FINAL REPORT
4 REPORT NO.

TO: OFFICE OF THE CHANCELLOR

BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA

FROM: OFFICE OF THE PRESIDENT

THE UNIVERSITY OF ALABAMA

THE UNIVERSITY OF ALABAMA						
1. PROJECT:	PROJECT: New Tutwiler Residence Hall					
2. LOCATION:	Northeast corner of 10th Avenue and 12th Street					
3. ARCHITECT/ENGINEER:	TurnerBatson Architects, Birmingham, Alabama (Mackey Mitchell Architects, St. Louis Missouri)					
COMMISSIONING AGENT:	Environmental Systems Corporation, Hun	sville, A	labama			
4. PROJECT STATUS:						
A. SCHEMATIC DESIGN DAT			ГED		Apr-17	
	% COM	% COMPLETE			100%	
	* DAT	E COMP	PLETED		Oct-17	
B. PRELIMINARY DESIGN:	DATE	DATE INITIATED			Oct-17	
		IPLETE			100%	
	* DATI	E COMP	LETED		Dec-17	
C. CONSTRUCTION DOCUME	NTS: DATE	DATE INITIATED			Dec-17	
	% COM	IPLETE			100%	
	* DATI	E COMP	LETED		Sep-19	
D. SCHEDULED BID DATE:					Oct-19	
5. CURRENT PROJECT BUDGET:			CURRENT		REVISED	
A. PACKAGE A - EARLY SITEWO	ORK AND UTILITIES	\$	504,789	\$	493,397	
B. PACKAGE B - DEEP FOUNDA		\$	3,301,000	\$	3,301,000	
C. PACKAGE C - BUILDING CO		\$	117,757,970	\$	115,002,000	
D. PACKAGE D - JULIA'S MARK	ET FITOUT	\$	1,250,000	\$	In C. Above	
E. LANDSCAPING		\$	600,000	\$	In C. Above	
F. FURNITURE, FIXTURES & EQ		\$	4,910,562	\$	4,500,000	
G. SECURITY/ACCESS CONTRO		\$	2,700,000	\$	2,700,000	
H. TELECOMMUNICATION/DA	11A	\$	1,300,000	\$	1,100,000	
I. CONTINGENCY* (5%) J. UA PROJECT MANAGEMENT	PPF** (20/)	\$	6,170,688	\$	5,915,150	
K. ARCHITECT/ENGINEER FEE*	• •	\$	3,887,533	\$	3,741,346	
L. COMMISSIONING AGENT***		\$	4,500,882	\$	4,987,990	
	(testing, advertising, printing, transportation)	\$ <u></u>	123,903	\$	123,903	
14. OTTIER TEES AND SERVICES	tiesting, advertising, printing, transportation,	\$	3,035,873	\$	3,035,873	

^{*}Contingency is based on 5% of the costs of Packages B and C.

Work Completed-Final Contract Amount

6. FUNDING/RESOURCES:

M. TOTAL PROJECT COST

2019 General Revenue Bonds - \$110,000,000

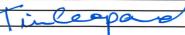
Housing & Residential Communities Reserves - \$31,524,170

Food Service Reserves - \$2,902,124 University Plant Reserves - \$474,365

7. REMARKS

* FINAL AGENCY APPROVAL

SUBMITTED BY:



150,043,200

144,900,659

^{**}UA Project Management fee is based on 3% of the total costs of all construction packages and contingency.

^{***}Architect/Engineer Fee is based on 3.5% of the total costs of all construction packages, plus \$120,000 for program verification and enhanced services and \$96,400 for reimbursable expenses, plus \$648,716 for additional services including providing alternative building footprints and floorplans to maximize resident density, building efficiency and site utilization, less credits in the amount of \$10,000 for landscape architecture and \$25,000 for interior design.

^{****}Commissioning Fee is based on a lump sum amount in the amount of \$123,093.

NEW TUTWILER RESIDENCE HALL

LOCATION MAP



NEW TUTWILER RESIDENCE HALL

Paul W. Bryant Drive Looking South Approved April 12, 2019

