

**UNIVERSITY OF ALABAMA SYSTEM
BOARD RULE 415
BOARD SUBMITTAL CHECKLIST CRITERIA**

**BOARD SUBMITTAL CHECKLIST NO. 4
CAPITAL PROJECT - STAGE IV SUBMITTAL ^{/1}
(Construction Contract Award)**

CAMPUS: The University of Alabama

PROJECT NAME: Campus Energy Delivery Optimization and Efficiency Project

MEETING DATE: September 15 – 16, 2022

- 1. Board Submittal Checklist No. 4
- 2. Transmittal Letter to Chancellor from Campus President requesting project be placed on the agendas for the forthcoming Physical Properties Committee and Board of Trustees (or Executive Committee) Meetings
- 3. Proposed Board Resolution requesting approval of Construction Contract Award, Construction Budget and Project Budget by the Board of Trustees
- 4. Executive Summary of Proposed Capital Project with final Contract Construction Budget and Project Budget (include all proposed project funding for movable equipment and furnishings) ^{/2}
- 5. Tabulation of competitive bids – certified by Project Architect/Construction Manager
- 6. Recommendations for Contract Award by Architect/Construction Manager
- 7. Campus Map(s) showing project site
- 8. Final Business Plan (if applicable) ^{/3}

Prepared by: Steven Mercado

Approved by:

Tim Leopold

CS

[Signature]

^{/1} Reference Tab 3I - Board Rule 415 Instructional Guide

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

^{/3} Reference Tab 3V - Board Rule 415 Instructional Guide

August 18, 2022

Chancellor Finis E. St. John IV
The University of Alabama System
500 University Boulevard East
Tuscaloosa, Alabama 35401

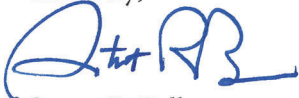
Dear Chancellor St. John:

I am pleased to send to you for approval under Board Rule 415 the attached documents for a Stage IV submittal for Package D-North Central Bryce Campus Thermal Energy Connections of the Campus Energy Delivery Optimization and Efficiency Project.

The resolution requests authorization to award a construction contract for Package D – North Central Bryce Campus Thermal Energy and approval of the reallocated project budget.

The item has been thoroughly reviewed and has my endorsement. With your concurrence, I ask that it be added to the agenda for The Board of Trustees at their regular meeting on September 15-16, 2022.

Sincerely,



Stuart R. Bell
President

Enclosure



RESOLUTION

CAMPUS ENERGY DELIVERY OPTIMIZATION AND EFFICIENCY PROJECT

WHEREAS, on November 5, 2021, in accordance with Board Rule 415, The Board of Trustees of The University of Alabama (“Board”) approved a Stage I submittal for the Campus Energy Delivery Optimization and Efficiency Project (“Project”); and

WHEREAS, as part of the University's master plan for thermal energy distribution, the University has previously completed the East Quad Energy Plant and the interconnection of the system with the Shelby Energy Plant and numerous building connections yielding both operational and capital savings for the Campus; and

WHEREAS, the Tutwiler Parking Deck project included space capacity for future boilers and chillers so that the University could connect to additional buildings in alignment with capital projects and deferred maintenance needs in facilities in an efficient manner by taking advantage of space that could not be used for other purposes under the main ramp; and

WHEREAS, the University was able to secure routing for the thermal piping to the Bryant Conference Center and Moody Music Area across City Right of Way, thereby eliminating the need for a stand alone facility at the Bryant Conference Center which has yielded a substantial cost savings and maintained land for other uses in that critical area; and

WHEREAS, the Project allows the connection of additional buildings so as to coordinate with the support of new facilities, the need to replace systems that have reached the end of their functional service life, install piping in advance of campus paving and hardscape improvement projects, and to provide heating capacity to buildings prior to the retirement of the steam distribution system; and

WHEREAS, due to the different project delivery schedules to align with shutdowns at the seasonally appropriate time, different geographic areas of campus, and other related project schedules, the University deemed it appropriate to separate construction into four (4) packages: (1) Package A–Tutwiler Energy Plant-Phase I; (2) Package B–Bryant Conference Center and Moody Music Area Thermal Connections; (3) Package C–Rose Administration and Doster Hall Area Thermal Connections and, Gorgas Library, Oliver-Barnard Hall and Tuomey Hall Thermal Connections (previous Packages C and D combined); (4) Package D–North Central Bryce Campus Thermal Energy Connections; and

WHEREAS, in selecting the buildings and recommended work, the University has focused on financial benefit and return on the work, both operating and capital expenses; performance of the system throughout the life cycle; consideration of total life cycle cost; and system resiliency and consistency of operation, while ensuring exceptional service to campus in advancing this project as the next phase of the Campus master plan for thermal energy; and

WHEREAS, in accordance with Board Rule 415, on November 5, 2021, the Board authorized the University to proceed with engineering design services utilizing Burns and McDonnell of Raleigh, North Carolina (“Burns and McDonnell”); and

WHEREAS, Burns and McDonnell were the design-build engineering firm and engineer of record for the East Quad Energy Plant and engineer of record for the Central Campus Thermal Energy Connections projects and, as a result, Burns and McDonnell has exclusive knowledge of the design, construction and goals of this Project as well as detailed information regarding as-installed thermal energy infrastructure locations and configurations; and

WHEREAS, upon completion of negotiations with Burns and McDonnell the University established a final design fee of 5.86% of the cost of construction and equipment plus \$14,000 in additional services, less a credit in the amount of \$100,000; and

WHEREAS, Package A–Tutwiler Energy Plant-Phase I (“Package A”) will increase the connected chiller capacity of the central thermal system necessitated by existing and future facilities forecast to be added; and

WHEREAS, on February 24, 2022, pursuant to Title 39, State Bid Law of Alabama Code, the University received competitive bids for Package A and McAbee Construction Inc., of Tuscaloosa Alabama, was declared the lowest responsible bidder with an adjusted base bid of \$4,837,000 and Alternate 1 value of \$89,440; and

WHEREAS, Package B–Bryant Conference Center and Moody Music Area Thermal Connections (“Package B”) will provide chilled water to the buildings in that area of campus which will allow for the decommissioning of the existing chiller equipment once they are connected to the central thermal system; and

WHEREAS, on March 3, 2022, pursuant to Title 39, State Bid Law of Alabama Code, the University received competitive bids for Package B and Bradley Plumbing and Heating, Inc., of Montgomery Alabama, was declared the lowest responsible bidder with a total base bid of \$4,326,000; and

WHEREAS, Package C–Rose Administration and Doster Hall Area Thermal Connections and, Gorgas Library, Oliver-Barnard Hall and Tuomey Hall Thermal Connections (“Package C”), formerly packages C and D, will provide hot and chilled water to the buildings, which will allow for the decommissioning of the existing steam and chiller equipment once they are connected to the central thermal system audit and will allow for the future installation of a four (4)-pipe system in the buildings to enhance comfort and air quality for the building occupants; and

WHEREAS, on February 17, 2022, pursuant to Title 39, State Bid Law of Alabama Code, the University received competitive bids for Package C and Bradley Plumbing and Heating, Inc., of Montgomery Alabama, was declared the lowest responsible bidder with an adjusted base bid, less a voluntary deduct of \$122,562, for a total base bid of \$6,767,105; and

WHEREAS, on April 8, 2022, the Board approved the award of the construction contracts for Package A–Tutwiler Energy Plant-Phase I to McAbee Construction Inc., of Tuscaloosa Alabama, for a total contract amount of \$4,926,440; the award of the construction contract for Package B–Bryant Conference Center and Moody Music Area Thermal Connections to Bradley Plumbing and Heating, Inc., of Montgomery Alabama, for a total contract amount of \$4,326,000; and the award of the construction contract for Package C–Rose Administration and Doster Hall Area Thermal Connections and, Gorgas Library, Oliver-Barnard Hall and Tuomey Hall Thermal Connections to Bradley Plumbing and Heating, Inc., of Montgomery Alabama, for a total contract amount of \$6,767,105; and

WHEREAS, in order to mitigate the schedule impact of increasing delivery times for long lead equipment and materials and to ensure the work can be completed at a time that minimizes the impact to the campus community and the seasonal capacity of the central thermal system, the University pre-purchased additional equipment and materials including the cooling towers and electrical gear for Package A and the piping materials for Package B; and

WHEREAS, on April 8, 2022, the Board approved a Budget Reallocation to reflect the aforementioned purchase of materials and equipment as shown in the Equipment budget;

WHEREAS, the cumulative bids for Packages A, B and C were within the approved budgeted amount for the Project; and

WHEREAS, on April 8, 2022, the Board approved the addition of Package D–North Central Bryce Campus Thermal Energy Connections (“Package D”) to provide chilled water to the Smart Community and Innovation Building project, Cyber Hall and other master plan projects considered for that area of campus by installing chilled water piping to the north central Bryce side of campus as it will help to better serve the future renovations and new buildings planned for that area; and

WHEREAS, on April 8, 2022, the Board approved a Budget Revision from \$25,200,000 to \$28,241,406 to reflect the addition of Package D and the associated soft costs; and

WHEREAS, on July 28, 2022, pursuant to Title 39, State Bid Law of Alabama Code, the University received competitive bids for Package D–North Central Bryce Campus Thermal Energy Connections and Bradley Plumbing and Heating, Inc., of Montgomery Alabama, was declared the lowest responsible bidder with an adjusted total base bid of \$2,700,000 as referenced on the certified bid tab for Package D, for the associated work for the Package; and

WHEREAS, the University is requesting approval to accept Bradley Plumbing and Heating, Inc.'s adjusted base bid for a total contract amount of \$2,700,000, as referenced on the certified bid tab for Package D, for the associated work for the Package; and

WHEREAS, the University is requesting approval of the Reallocated Budget to reflect the Package D construction contract value and the associated adjustments to soft costs; and

WHEREAS, the Project will be funded from The University of Alabama Construction, Renovation, and Equipment Quasi Endowment in the amount of \$25,741,406 and the College of Continuing Studies Reserves in the amount of \$2,500,000; and

WHEREAS, the Project will address approximately \$10,000,000 in campus deferred maintenance liabilities; and

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

WHEREAS, the reallocated budget for the Project is as stipulated below:

BUDGET:	REVISED
Construction–Package A (Tutwiler Energy Plant Phase I)	\$ 4,926,440
Construction–Package B (Bryant Conference Center and Moody Music Area Thermal Connections)	\$ 4,326,000
Construction–Package C (Rose Administration and Doster Hall Area Thermal Connections and, Gorgas Library, Oliver-Barnard Hall and Tuomey Hall Thermal Connections) ****	\$ 6,767,105
Construction- Package D (North Central Bryce Campus Thermal Energy Connection)	\$ 2,700,000
Equipment (Chillers, Transformer, other Electrical Equipment, Thermal Pipe for Package B and Chiller Optimization)	\$ 4,357,197
Landscaping	\$ 350,000
Security/Access Control	\$ 90,000
Telecommunication/Data	\$ 90,000
Contingency* (5%)	\$ 1,171,337
UA Project Management Fee** (3%)	\$ 737,942
Architect/Engineer Fee*** (~6%)	\$ 1,384,485
Commissioning Fee	\$ 50,000
Other*****	\$ 1,290,900
TOTAL PROJECT COST	\$ 28,241,406

*Contingency is based on 5% of Packages A-D, Landscaping (\$350,000) and Owner Furnished Contractor Installed Equipment.

**UA Project Management Fee is based on 3% of the cost of Construction Packages A, B, C, D, Owner Furnished and Contractor Installed Equipment, Landscaping, and Contingency.

***Architect/Engineer Fee is based on approximately 6.37% of the costs of Construction and Equipment plus \$14,000 in additional services, less a credit in the amount of \$100,000.

****Original Packages C and D were combined and are now included in Package C. Package D is now the North Central Bryce Campus Thermal Energy Connections proposed/revised scope.

*****Other expenses include Geotech, Construction Materials Testing, Advertising, Printing, and other associated project costs, as applicable.

Current Package for Contract Award Approval.

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The University of Alabama that:

1. The Budget Reallocation for the Project as stipulated above is hereby approved.

BE IT FURTHER RESOLVED that 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 on behalf of the Board of Trustees to execute the aforementioned construction contract with Bradley Plumbing and Heating, Inc., of Montgomery, Alabama for Package D – North Central Bryce Campus Thermal Energy Connections of the Project in accordance with Board Rule 415.

**EXECUTIVE SUMMARY
PROPOSED CAPITAL PROJECT
BOARD OF TRUSTEES SUBMITTAL**

MEETING DATE: September 15 - 16, 2022

CAMPUS: The University of Alabama, Tuscaloosa, Alabama

PROJECT NAME: Campus Energy Delivery Optimization and Efficiency Project

PROJECT NUMBER: UTL-22-2811

PROJECT LOCATION: Tutwiler Energy Plant-Phase I, Bryant Conference Center, Moody Music Area Thermal Connections, Rose Administration and Doster Hall Area Thermal Connections, Gorgas Library, Oliver-Barnard Hall, Tuomey Hall Thermal Connections, and North Central Bryce Campus Thermal Energy Connections

ENGINEER: Burns and McDonnell

THIS SUBMITTAL:	PREVIOUS APPROVALS:
<input type="checkbox"/> Stage I	November 4-5, 2021
<input type="checkbox"/> Stage II	November 4-5, 2021
<input type="checkbox"/> Campus Master Plan Amendment	
<input type="checkbox"/> Stage III	
<input checked="" type="checkbox"/> Stage IV – Package D	April 7-8, 2022 (Packages A – C)

PROJECT TYPE	SPACE CATEGORIES	PERCENTAGE	GSF
<input type="checkbox"/> Building Construction			
<input checked="" type="checkbox"/> Campus Infrastructure	Central Utility & Mechanical	100%	N/A
<input type="checkbox"/> Building Addition			
<input type="checkbox"/> Building Renovation			
<input type="checkbox"/> Equipment			
TOTAL		100%	N/A

BUDGET	Current	Proposed
Construction-Package A -Tutwiler Energy Plant-Phase I	\$ 4,926,440	\$ 4,926,440
Construction–Package B - Bryant Conference Center and Moody Music Area Thermal Connections	\$ 4,326,000	\$ 4,326,000
Construction–Package C - Rose Administration and Doster Hall Area Thermal Connections and, Gorgas Library, Oliver-Barnard Hall and Tuomey Hall Thermal Connections****	\$ 6,767,105	\$ 6,767,105
Construction–Package D - North Central Bryce Campus Thermal Energy Connections	\$ 2,250,000	\$ 2,700,000
Owner Furnished Contractor Installed Equipment – Chillers, Transformer & Other Electrical Items, and Chiller Optimization	\$ 4,357,197	\$ 4,357,197
Landscaping	\$ 700,000	\$ 350,000
Security/Access Control	\$ 90,000	\$ 90,000
Telecommunication/Data	\$ 90,000	\$ 90,000
Contingency* (5%)	\$ 1,281,337	\$ 1,171,337
UA Project Management Fee** (3%)	\$ 738,242	\$ 737,942
Architect/Engineer Fee*** (~6%)	\$ 1,354,334	\$ 1,384,485
Commissioning Fee	\$ 50,000	\$ 50,000
Other*****	\$ 1,310,750	\$ 1,290,900
Total Project Cost	\$ 28,241,406	\$ 28,241,406
Construction Cost per square foot: N/A		

*Contingency is based on 5% of Packages A-D, Landscaping and Owner Furnished Contractor Installed Equipment.

**UA Project Management Fee is based on 3% of the cost of Construction Packages A, B, C, D, Owner Furnished Contractor Installed Equipment, Landscaping and Contingency.

***Architect/Engineer Fee is based on approximately 6.37% of the costs of Construction and Equipment, plus \$14,000 in additional services, less a credit in the amount of \$100,000 for previously performed work and the waiver credit.

****Previous Packages C and D were combined and are now included in Package C. Proposed Package D is now the North Central Bryce Campus Thermal Energy Connections proposed/revised scope.

***** Other fees and expenses include Geotech, Construction Materials Testing, Inspections, Advertising, Printing, and other associated project costs, as applicable.

Current Package for Contract Award Approval.

ESTIMATED ANNUAL OPERATING AND MAINTENANCE (O&M) COSTS:	
(Utilities, Housekeeping, Maintenance, Insurance, Other)	
Per GSF: gsf x~\$ /GSF	\$ N/A*
Total Estimated Annual O&M Costs:	\$ N/A*

*** Central utility O&M costs are neither assigned at a facility level nor by GSF.**

FUNDING SOURCE:	
Capital Outlay:	
The University of Alabama Construction, Renovation, and Equipment Quasi Endowment	\$ 25,741,406
College of Continuing Studies Reserves	\$ 2,500,000
O&M Costs:	University Annual Operating Funds \$ N/A

NEW EQUIPMENT REQUIRED	
(2) 1,000 Ton High Efficiency Magnetic Bearing Chillers w/Associated Cooling Tower and Pumps	
Electrical Transformer	
Chiller Optimization Hardware and Software	
Thermal Pipe for Package B	
	Total Equipment Costs: \$4,357,197

PROJECT SCOPE:

This project will eliminate approximately \$10,000,000 in campus deferred maintenance liability.

Package A – Tutwiler Energy Plant Phase I is needed to increase the connected chiller capacity on the central thermal capacity necessitated by existing and future facilities forecast to be added. The Project will improve the existing system performance by the addition of two (2) new high- efficiency magnetic bearing chillers and associated high-efficiency pumps.

Package B – Bryant Conference Center and Moody Music Area Thermal Connections is needed to provide chilled water piping to the Bryant Conference Center and Moody Music Building. The existing HVAC equipment in Bryant Conference Center is over thirty years old and is past the end of its functional service life. Package B will connect the buildings to the East Quad Energy Plant to provide an efficient and redundant HVAC system for these important buildings. The package will also remove the existing mechanical yard on the backs of both the Bryant Conference Center and the Moody Music Building, substantially reducing the existing fan- and pump motor noise in and around both buildings. Further, this package will make way for a better landscaped area that will be more visually appealing.

Package C – Rose Administration and Doster Hall Area Thermal Connections and, Gorgas Library, Oliver-Barnard Hall and Tuomey Hall Thermal Connections (former Packages C & D combined) will connect buildings to the central thermal loop and facilitate removal of localized HVAC equipment such as cooling towers and air-cooled chillers. Connection to the loop will allow the University to heat and cool buildings more efficiently and with lower cost of ownership.

Facilities proposed for connection to the central thermal loop are: Rose Administration, Doster and Adams Hall, Fashion and the Design Building, and the New Sorority areas. For Gorgas Library, Oliver-Barnard Hall and Tuomey Hall the water pipes will be installed up to the building. The final connections to the buildings will not take place during this project. Barnard, and Tuomey are also being connected because of their close proximity to Gorgas Library and the piping run. Once the buildings are connected to the campus central thermal loop this will facilitate removal of localized HVAC equipment such as cooling towers and air-cooled chillers and exterior boilers. Connection to the loop will allow the University to heat and cool buildings more efficiently and with lower cost of ownership. It will also reduce the visual impact of the air-cooled chillers and exterior boilers.

Package D - North Central Bryce Campus Thermal Energy Connections is needed to provide chilled water to the Smart Community and Innovation Building project, Cyber Hall and other master plan projects considered for that area of campus. By installing chilled water piping to the north central Bryce side of campus it will help to better serve the future renovations and new buildings planned for that area. Once the buildings are connected to the campus central thermal loop there is no need for localized HVAC equipment such as less efficient cooling towers and air-cooled chillers.

PROJECT STATUS		
SCHEMATIC DESIGN:	Date Initiated	April 2022
	% Complete	100%
	Date Completed	April 2022
PRELIMINARY DESIGN:	Date Initiated	May 2022
	% Complete	100%
	Date Completed	May 2022
CONSTRUCTION DOCUMENTS:	Date Initiated	June 2022
	% Complete	100%
	Date Completed	July 2022
BID DATE: (Package D)		July 2022

**N/A on Stage I Projects*

RELATIONSHIP AND ENHANCEMENT OF CAMPUS PROGRAMS

The Campus Energy Delivery Optimization and Efficiency Project (“Project”) will improve the teaching, learning, and working environments of campus constituents by providing reliable and efficient thermal energy to facilities by replacing systems which have reached the end of their functional service life. By centralizing equipment in the energy plants, the Project will free campus exterior space currently occupied by existing equipment for other uses including, but not limited to, parking, landscaping, and hardscape improvements. Furthermore, reducing the cost to provide cooling and heating to buildings will support The University of Alabama (“University”) in maintaining a competitive cost of attendance.

The Project will allow the University to condition buildings more efficiently and reduce the quantity of equipment that requires maintenance thereby reducing HVAC system downtime and increasing occupant comfort. Removal of localized equipment such as cooling towers and air-cooled chillers will lower ambient noise facilities and improve campus appearance. Most importantly, this Project will increase capacity for the entire campus in an efficient and effective manner.

The Project will address significant campus deferred maintenance liabilities by replacing numerous independent systems, which are nearing or have surpassed expected service life, and will aid in the decommissioning of the steam plant.

TABULATION OF BIDS



Project Name
 Package D - North Central Bryce
 Campus Thermal Energy Connections

Bid Due
 July 28, 2022 2:00 p.m. local time

Architect/Engineer
 Burns & McDonnell
 5511 Capital Center Drive, Suite 450
 Raleigh, NC 27606
 phone: (919) 900-1862
 fax: (919) 854-6149

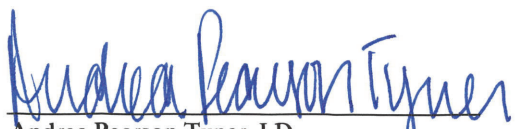
UA Project No.
 UTL-22-2811D

Bid Location
 405 Cahaba Circle
 Tuscaloosa, Alabama 35404

FUNDS AVAILABLE: Not Announced
BIDS SHALL BE VALID FOR: Sixty (60) Days
CONSTRUCTION DURATION: Project Completion: January 27, 2023

CONTRACTOR	Bradley Plumbing and Heating, Inc.	McAbee Construction, Inc.
	4312 Hackel Drive Montgomery, AL 36117 (334)271-0700 GC Lic. # 6442	5724 21st Street Tuscaloosa, AL 35401 (205) 349-2212 GC Lic. # 7738
Addenda ONE - THREE	<u>X</u> Yes <u> </u> No	<u>X</u> Yes <u> </u> No
LICENSE # ON ENVELOPE	<u>X</u> Yes <u> </u> No	<u>X</u> Yes <u> </u> No
BONDING COMPANY OR BID DEPOSIT	Cincinnati Insurance Co.	Hartford Fire Insurance Co.
UNIT PRICE #1 <i>Description on back of page</i>	\$ 9,500.00	\$ 9,900.00
UNIT PRICE #2 <i>Description on back of page</i>	\$ 42,000.00	\$ 34,650.00
UNIT PRICE #3 <i>Description on back of page</i>	\$ 172.00	\$ 150.00
UNIT PRICE #4 <i>Description on back of page</i>	\$ 4.60	\$ 4.00
UNIT PRICE #5 <i>Description on back of page</i>	\$ 20.00	\$ 12.00
UNIT PRICE #6 <i>Description on back of page</i>	\$ 3.50	\$ 3.00
UNIT PRICE #7 <i>Description on back of page</i>	\$ 25.50	\$ 22.00
UNIT PRICE #8 <i>Description on back of page</i>	\$ 25.50	\$ 22.00
UNIT PRICE #9 <i>Description on back of page</i>	\$ 10.00	\$ 27.50
UNIT PRICE #10 <i>Description on back of page</i>	\$ 135.00	\$ 121.00
BASE BID ON PROPOSAL	\$ 2,710,000.00	\$ 2,798,251.00
ENVELOPE ADJUSTMENT	(10,000.00)	(30,000.00)
TOTAL BID	\$ 2,700,000.00	\$ 2,768,251.00

I CERTIFY THAT THIS IS A TRUE AND ACCURATE TABULATION OF THE BIDS RECEIVED ON THE CAPTIONED PROJECT.


 Andrea Pearson Tyner, J.D.
 Contract Administrator, Contract Administration
 The University of Alabama

Unit Price Descriptions:

Unit Price #1: Blue Phone Removal/Replacement. Price per L.S.

Unit Price #2: Bus Shelter Removal/Replacment. Price per L.S.

Unit Price #3: Erosion Control Inlet Protection. Price per Each.

Unit Price #4: Erosion Control Wattle. Price per L.F.

Unit Price #5: Unsuitable Material Removal/Replacement. Price per C.Y.I.P

Unit Price #6: Geotextile Fabric. Pricer per S.Y.I.P.

Unit Price #7: Site Constraint Fencing. Price per L.F.

Unit Price #8: Relocate Existing Site Constraint Fencing. Price per L.F.

Unit Price #9: Temprary Traffic & Pedestrian Control Signage. Price per S.F.

Unit Price #10: Remove and Replace Existing Sidewalk. Price per S.Y.I.P.



August 3, 2022

Mr. Steven Mercado
The University of Alabama
Construction Administration
1205 14th Street
Tuscaloosa, Alabama 35401

Re: UA Project No. UTL-22-2811D
North Central Bryce Campus Thermal Energy Connections

Dear Steven,

The University of Alabama received competitive bids for Package D - North Central Bryce Campus Thermal Energy Connections on July 28, 2022 at 2:00PM local time. Two General Contractors submitted bids.

Bradley Plumbing and Heating, Inc. of Montgomery, Alabama was the responsible and responsive low bidder on the project. Their Adjusted Base Bid was \$2,700,000.00. This includes the Total Unit Price Extensions for items included in the Base Bid.

Based on the defined UA project and qualification criteria, Bradley Plumbing and Heating Inc. was on the prequalified list of bidders without further action required. Furthermore, Bradley has completed several projects successfully on campus and performed exceptionally. Therefore, it is our recommendation that Bradley Plumbing and Heating, Inc. be awarded a contract for the construction of the above mentioned project.

Please contact me if you have any questions,

Sincerely,

A handwritten signature in black ink that reads "Jim Harris".

Jim Harris, PE
Associate Mechanical Engineer
Burns & McDonnell Engineering, Inc.

LOCATION MAP

