

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

**BOARD SUBMITTAL CHECKLIST NO. 4  
CAPITAL PROJECT - STAGE IV SUBMITTAL <sup>/1</sup>  
(Construction Contract Award)**

**CAMPUS:** The University of Alabama

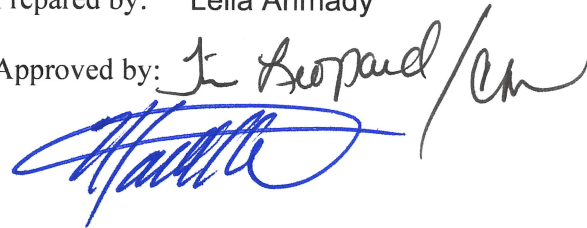
**PROJECT NAME:** Bryce Lawn Community Safe Room

**MEETING DATE:** April 7-8, 2022

- |                                     |    |  |
|-------------------------------------|----|--|
| <input checked="" type="checkbox"/> | 1. | Board Submittal Checklist No. 4  |
| <input checked="" type="checkbox"/> | 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 |
| <input checked="" type="checkbox"/> | 3. | Proposed Board Resolution requesting approval of Construction Contract Award, Construction Budget and Project Budget by the Board of Trustees  |
| <input checked="" type="checkbox"/> | 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) <sup>/2</sup>          |
| <input checked="" type="checkbox"/> | 5. | Tabulation of competitive bids – certified by Project Architect/Construction Manager   |
| <input checked="" type="checkbox"/> | 6. | Recommendations for Contract Award by Architect/Construction Manager   |
| <input checked="" type="checkbox"/> | 7. | Campus Map(s) showing project site   |
| <input type="checkbox"/>            | 8. | Final Business Plan (if applicable) <sup>/3</sup>  |

Prepared by: Leila Ahmady

Approved by:

 *Leila Ahmady*

<sup>/1</sup> Reference Tab 3I - Board Rule 415 Instructional Guide

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

<sup>/3</sup> Reference Tab 3V - Board Rule 415 Instructional Guide

March 8, 2022

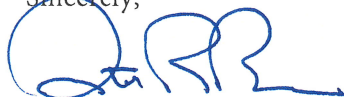
Chancellor Finis E. St. John IV  
The University of Alabama System  
500 University Boulevard East  
Tuscaloosa, Alabama 35401

Dear Chancellor St. John:

I am pleased to send to you for approval under Board Rule 415 the attached documents which provide information regarding the Bryce Lawn Community Safe Room project.

Please place this item on the agenda for the Physical Properties Committee meeting of the April 7-8, 2022 Board of Trustees meeting, and contact us if you have questions or need additional information.

Sincerely,



Stuart R. Bell  
President

Enclosure



## RESOLUTION

### BRYCE LAWN COMMUNITY SAFE ROOM

WHEREAS, The Bryce Lawn Community Safe Room project (“Project”) at the University of Alabama (“University”) was approved for the Federal Emergency Management Administration (FEMA) Pre-Disaster Mitigation Grant Program (PDMGP) through the Alabama Emergency Management Agency (AEMA); and

WHEREAS, on September 17, 2021, in accordance with Board Rule 415, the Board of Trustees of the University of Alabama (“Board”) approved an amendment to the Campus Master Plan and Stage I submittals for the Bryce Lawn safe room located on Campus Drive East, northwest corner of Recreation fields near Bryce Lawn Apartments (“Bryce Lawn”); and

WHEREAS, on June 4, 2021, the Board approved the Board Rule 406 submittal for EnCompass360, Inc. of Gardendale Alabama to administer and coordinate the Project with the grant management process and ensure compliance with the terms of the grant; and

WHEREAS, on September 17, 2021, due to their commitment to completing the design to allow the Safe Rooms to proceed as scheduled in Spring 2022 with completion by Spring 2023, the Board approved the Waiver of Consultant Selection Process and authorized the University to proceed with architectural design utilizing services of Adams Stewart Architects, LLC, of Robertsdale, Alabama and to accept a negotiated final design fee; and

WHEREAS, the Project will consist of the construction of an approximately 13,757 gross square foot multipurpose safe shelter suitable to accommodate 1,000 occupants during severe weather events and has been designed to be flexible for group sizes and needs and will feature spaces with operable partitions which can be easily adjusted for events, meetings and study groups; and

WHEREAS, as the Project’s primary use and purpose is a Tornado Safe Shelter, the University will operate the facility under appropriate policies and procedures to ensure availability of the shelter during severe weather events in accordance with the terms of the PDMGP; and

WHEREAS, the Project will be designed in accordance with the requirements of FEMA 361 and International Code Council (ICC) 500 and will serve as a Tornado Safe Shelter for the intended occupants; and

WHEREAS, the Project will be programmed for priority use by National Pan-Hellenic Council (NPHC) and Alabama United Greek Council (UGC) chapters for meetings, events, study groups and other uses during non-storm periods; and

WHEREAS, the Board approved the Stage III submittal for the Project on November 5, 2021; and

WHEREAS, on March 2, 2022, pursuant to Title 39, State Bid Law of Alabama Code, competitive bids were received for the Project and J. T. Harrison Construction Co. Inc., of Tuscaloosa, Alabama (“Harrison Construction”), was declared the lowest responsive and responsible bidder with an adjusted base bid in the amount of \$7,569,178 as referenced on the certified bid tab; and

WHEREAS, the University is requesting approval to award the construction contract for the Bryce Lawn Community Safe Room to J. T. Harrison Construction Co. Inc. for a total contract in the amount of \$7,569,178; and

WHEREAS, the University is requesting approval for a Budget Reallocation to reflect the bid amount, the Grant Management Fee and the related changes to associated soft costs; and

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

WHEREAS, the total Project cost in the amount of \$9,657,971 will be funded from the FEMA PDMGP in the amount of \$3,565,669 and University Central Reserves in the amount of \$6,092,302; and

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

BUDGET	CURRENT
<b>Construction</b>	<b>\$ 7,569,178</b>
Landscaping (bid with Construction)	\$ 0
Furniture, Fixtures and Equipment	\$ 113,200
Owner Furnished Contractor Installed Equipment	\$ 119,986
Security/Access Control	\$ 100,000
Telecommunication/Data	\$ 225,000
Contingency* (5%)	\$ 378,459
UA Project Management Fee** (3%)	\$ 242,028
Architect/Engineer Fee*** (~6.2%)	\$ 521,826
Grant Management Fee	\$ 300,127
Expenses (Surveys, Testing, Inspections)	\$ 60,717
Other Fees and Services (Advertising, Printing and Postage)	\$ 27,450
<b>TOTAL PROJECT BUDGET</b>	<b>\$ 9,657,971</b>

\*Contingency is based on 5% of Construction.



\*\*UA Project Management fee is based on 3% of Construction, Owner Furnished Contractor Installed Equipment, and Contingency.

\*\*\*Architect/Engineer fee is based on 6.2% of the cost of Construction and Owner Furnished Contractor Installed Equipment (OFCEI), plus 75% of the 6.2% basic fee for design of unawarded Alternates (\$898,100), less a 9% fee discount in the amount of \$46,664, plus \$40,000 for FEMA documentation and \$10,000 for reimbursable expenses.

**Current Package for Contract Award Approval.**

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

1. The Budget Reallocation for the Project is hereby approved as stipulated above.
2. Stuart R. Bell, President; Matthew M. Fajack, Vice President for Finance and Operations and Treasurer; or those officers named in the most recent Board Resolutions 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 of The University of Alabama in executing the aforementioned contract with J. T. Harrison Construction Co. Inc. for the Project in accordance with Board Rule 415.

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

<b>MEETING DATE:</b>	April 7 – 8, 2022
<b>CAMPUS:</b>	The University of Alabama, Tuscaloosa, Alabama
<b>PROJECT NAME:</b>	Bryce Lawn Community Safe Room
<b>PROJECT NUMBER:</b>	356-21-2318
<b>PROJECT LOCATION:</b>	Campus Drive East (Northwest corner of Recreation Fields by Bryce Lawn Apartments)
<b>ARCHITECT:</b>	Adams Stewart Architects, LLC, Robertsedale, Alabama

**THIS SUBMITTAL:**

- ☐ Stage I
- ☐ Stage II
- ☐ Campus Master Plan Amendment
- ☐ Stage III
- ☒ Stage IV

**PREVIOUS APPROVALS:**

September 17, 2021  
September 17, 2021  
September 17, 2021  
November 5, 2021

PROJECT TYPE	SPACE CATEGORIES	PERCENTAGE	GSF
<input checked="" type="checkbox"/> Building Construction	Office	~1%	121
<input type="checkbox"/> Building Addition	Other (All Purpose)	~77%	8,652
<input type="checkbox"/> Building Renovation	Meeting Rooms	~13%	2,108
<input type="checkbox"/> Equipment	Telecommunications	~1%	78
	Service and Support Space	~8%	2,798
<b>TOTAL</b>		<b>100%</b>	<b>13,757</b>

<b>BUDGET</b>	<b>Current</b>	<b>Revised</b>
<b>Construction</b>	<b>\$ 7,900,000</b>	<b>\$ 7,569,178</b>
Landscaping (bid with Construction)	\$ 100,000	\$ 0
Furniture, Fixture and Equipment	\$ 113,200	\$ 113,200
Owner Furnished Contractor Installed Equipment	\$ 0	\$ 119,986
Security/Access Control	\$ 100,000	\$ 100,000
Telecommunication/Data	\$ 225,000	\$ 225,000
Contingency* (5%)	\$ 400,000	\$ 378,459
UA Project Management Fee ** (3%)	\$ 252,000	\$ 242,028
Architect/Engineer Fee*** (~6.2%)	\$ 494,000	\$ 521,826
Grant Management Fee	\$ 0	\$ 300,127
Expenses (Geotech, Construction Materials Testing)	\$ 60,717	\$ 60,717
Other Fees and Services (Testing, Advertising, Inspections and Printing)	\$ 12,974	\$ 27,450
<b>TOTAL PROJECT COST</b>	<b>\$ 9,657,971</b>	<b>\$ 9,657,971</b>

\*Contingency is based on 5% of the cost of Construction.

\*\*UA Project Management fee is based on 3% of the cost of Construction, Owner Furnished Contractor Installed Equipment, and Contingency.

\*\*\*Architect/Engineer fee is based on 6.2% of the cost of Construction and Owner Furnished Contractor Installed Equipment (OFCEI), plus 75% of the 6.2% basic fee for design of unawarded Alternates (\$898,100), less a 9% fee discount in the amount of \$46,664, plus \$40,000 for FEMA documentation and \$10,000 for reimbursable expenses.

**Current Package for Contact Award Approval.**

#### **ESTIMATED ANNUAL OPERATING AND MAINTENANCE (O&M) COSTS:**

(Utilities, Housekeeping, Maintenance, Insurance, Other)

13,757 sf x ~\$4.1sf \$ 56,404

Total Estimated Annual O&M Costs: \$ **56,404**

#### **FUNDING SOURCE:**

Federal Emergency Management Administration-Pre-Disaster Mitigation Grant \$ 3,565,669  
Program

University Central Reserves \$ 6,092,302

**O&M Costs:** University Annual Operating Budget \$ 56,404

NEW EQUIPMENT REQUIRED	
Total Equipment Costs:	N/A

#### PROJECT SCOPE:

The Project will consist of the construction of an above ground tornado and extended severe weather event facility designed in accordance with the requirements of FEMA 361 and ICC 500. Of the 13,757 gross square feet facility, approximately 1,000 occupants will be supported in the space.

Key design elements that will be included in the Project are restrooms sized to accommodate design occupancy, emergency generator sized to run building systems, impact resistant construction, and a structure designed to resist wind speeds up to 250 miles per hour. Other enhancements to support alternative uses within the terms of the grant include equipment upgrades and security gates at the protected entries, carpet installation, painting of walls and ceilings.

#### PROJECT STATUS

SCHEMATIC DESIGN:	Date Initiated	May 2021
	% Complete	100%
	Date Completed	July 2021
PRELIMINARY DESIGN:	Date Initiated	July 2021
	% Complete	100%
	Date Completed	October 2021
CONSTRUCTION DOCUMENTS:	Date Initiated	October 2021
	% Complete	100%
	Date Completed	February 2022
BID DATE:		March 2, 2022

*\*N/A on Stage I Projects*

## **RELATIONSHIP AND ENHANCEMENT OF CAMPUS PROGRAMS**

The Bryce Lawn Community Safe Room project (“Project”) will enhance safety and security during severe weather events for students, staff, and visitors in the vicinity of the Bryce Lawn area. The location was selected to serve the overall area as there is a high density of employees in the area and students in the surrounding housing complexes and fraternity houses along University Boulevard and Jefferson Avenue. The Project will also provide quick access due to several existing parking lots in the area.

Furthermore, the adjacency of the outdoor Recreation fields to this Project will provide for sheltering of patrons of the fields as needed for inclement weather events.

Finally, the facility will be multipurpose and prioritized for use by National Pan-Hellenic Council (NPHC) and Alabama United Greek Council (UGC) chapters for meetings, events, study groups and other uses. The plans have been reviewed with the student and alumni leadership of these groups to ensure the facility will meet their needs. The space has been designed to be flexible for group sizes and needs and will feature spaces with operable partitions so that room configurations can be easily adjusted. The Project will provide additional opportunities for programming by these groups and will enhance and enrich the student experience and the relationships of the members and community.

**TABULATION OF BIDS**

THE UNIVERSITY OF  
**ALABAMA**

**Project Name**  
Bryce Lawn Tornado  
Shelter

**Bid Due**  
Wednesday, March 2, 2022 at 2:00 pm

**Architect/Engineer**  
Adams Stewart Architects, LLC  
22615 Highway 59 North  
Robertsdale, AL 36567  
phone: (251) 947-3864

**UA Project No.**  
356-21-2318

**Bid Location**  
405 Cahaba Circle  
Tuscaloosa, Alabama 35404

**FUNDS AVAILABLE:** Seven million, nine hundred thousand dollars and 00/100 (\$7,900,000.00)

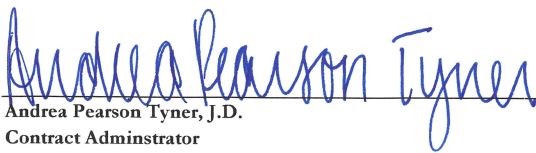
**BIDS SHALL BE VALID FOR:** Sixty (60) Calendar Days

**CONSTRUCTION COMPLETION DATE:** April 30, 2023

CONTRACTOR	J.T. Harrison Construction Co, Inc. 5870 Charlie Shirley Road Northport, AL 35473 GC Lic. # 20245	WAR Construction, Inc. P.O. Box 1218 Tuscaloosa, AL 35403 GC Lic. # 6418	Kyser Construction, LLC 214 Hargrove Road East Tuscaloosa, AL 35401 GC Lic. # 42467
ADDENDA ONE - FOUR	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
LICENSE # ON ENVELOPE	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
BONDING COMPANY OR BID DEPOSIT	Travelers Casualty & Surety Company of America	The Cincinnati Insurance Company	The Cincinnati Insurance Company
TOTAL UNIT PRICE ITEMS - BASE BID <i>See Pages 2-6.</i>	\$ 1,613,651.80	\$ 1,500,679.09	\$ 1,502,416.09
BASE BID ON PROPOSAL	\$ 8,000,000.00	\$ 8,200,000.00	\$ 8,200,000.00
ENVELOPE ADJUSTMENT	(427,000.00)	(272,000.00)	(256,000.00)
UNIT PRICE ERRORS ADJUSTMENT	(3,822.25)	-	-
ADJUSTED BASE BID	7,569,177.75	7,928,000.00	7,944,000.00
ALTERNATE #1 <i>Description on back of page</i>	360,000.00	363,000.00	475,000.00
ENVELOPE ADJUSTMENT	(10,500.00)	(5,300.00)	(56,000.00)
SUBTOTAL	7,918,677.75	8,285,700.00	8,363,000.00
ALTERNATE #2 <i>Description on back of page</i>	440,000.00	425,000.00	425,000.00
ENVELOPE ADJUSTMENT	-	-	-
SUBTOTAL	8,358,677.75	8,710,700.00	8,788,000.00
ALTERNATE #3 <i>Description on back of page</i>	146,000.00	147,500.00	155,000.00
ENVELOPE ADJUSTMENT	(24,000.00)	-	-
SUBTOTAL	8,480,677.75	8,858,200.00	8,943,000.00
ALTERNATE #4 <i>Description on back of page</i>	1,600.00	1,700.00	4,700.00
ENVELOPE ADJUSTMENT	-	-	-
TOTAL BID W/ ALTERNATES	\$ 8,482,277.75	\$ 8,859,900.00	\$ 8,947,700.00

• Indicates Corrected Total

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

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

**Alternate Descriptions:**

**Alternate #1: Green Room**

**Alternate #2: AV System**

**Alternate #3: Patio Cover**

**Alternate #4: Wind Screen for Lay Down Fence**

CONTRACTOR	J.T. Harrison Construction Co, Inc.	WAR Construction, Inc.	Kyser Construction, LLC
	5870 Charlie Shirley Road Northport, AL 35473 GC Lic. # 20245	P.O. Box 1218 Tuscaloosa, AL 35403 GC Lic. # 6418	214 Hargrove Road East Tuscaloosa, AL 35401 GC Lic. # 42467

Line No.	Estimated Quantity	Unit	Description	Unit Price	Total	Unit Price	Total	Unit Price	Total
<b>CIVIL/SITE ITEMS</b>									
100	1	Ls.	Mobilization / Demobilization	\$ 4,509.00	\$ 4,509.00	\$ 18,000.00	\$ 18,000.00	\$ 17,300.00	\$ 17,300.00
101	1	Ls.	Demolition, Clearing, and Grubbing	\$ 28,404.00	\$ 28,404.00	\$ 73,000.00	\$ 73,000.00	\$ 72,315.00	\$ 72,315.00
102	1	Ls.	Construction Layout	\$ 14,580.00	\$ 14,580.00	\$ 13,000.00	\$ 13,000.00	\$ 13,500.00	\$ 13,500.00
103	1	Ls.	GPS of Utilities and As-Built Drawings	\$ 3,240.00	\$ 3,240.00	\$ 5,900.00	\$ 5,900.00	\$ 4,500.00	\$ 4,500.00
104	1	Ls.	UA Bronze Utility Marker Installation	\$ 1,620.00	\$ 1,620.00	\$ 3,360.00	\$ 3,360.00	\$ 1,000.00	\$ 1,000.00
105	1	Ls.	ADEM NPDES Stormwater Permitting	\$ 11,070.00	\$ 11,070.00	\$ 7,500.00	\$ 7,500.00	\$ 10,850.00	\$ 10,850.00
106	1	Ls.	Construction Exit Pad(s) with Vehicle Wash Rack	\$ 3,780.00	\$ 3,780.00	\$ 11,000.00	\$ 11,000.00	\$ 10,750.00	\$ 10,750.00
107	1,000	Lf.	Erosion Control Silt Fence	\$ 4.32	\$ 4,320.00	\$ 3.75	\$ 3,750.00	\$ 3.60	\$ 3,600.00
108	500	Lf.	Erosion Control Wattle	\$ 4.32	\$ 2,160.00	\$ 3.60	\$ 1,800.00	\$ 3.60	\$ 1,800.00
109	4	each	Erosion Control Inlet Protection	\$ 378.00	\$ 1,512.00	\$ 4.00	\$ 16.00	\$ 495.00	\$ 1,980.00
110	100	ton	Crushed Limestone for Temporary Access Road (ALDOT 825 Type 'B')	\$ 32.40	\$ 3,240.00	\$ 39.00	\$ 3,900.00	\$ 38.50	\$ 3,850.00
111	1	Ls.	Earthwork	\$ 231,561.72	\$ 231,561.72	\$ 105,000.00	\$ 105,000.00	\$ 103,050.00	\$ 103,050.00
112	1,000	s.y.	Geotextile Fabric (To Be Used Only as Directed by the Owner's Representative)	\$ 4.86	\$ 4,860.00	\$ 2.50	\$ 2,500.00	\$ 2.40	\$ 2,400.00
113	6,000	c.y.i.p.	Unsuitable Material Removal / Replacement (Below Subgrade Elevation and Includes Debris Removal)	\$ 24.76	\$ 148,560.00 +	\$ 20.00	\$ 120,000.00	\$ 19.00	\$ 114,000.00
114	1	Ls.	Topsoil Replacement (Minimum 4" In-Place Thickness)	\$ 16,200.00	\$ 16,200.00	\$ 34,500.00	\$ 34,500.00	\$ 8,540.00	\$ 8,540.00
115	800	Lf.	Type "A" Curb (6")	\$ 23.76	\$ 19,008.00	\$ 16.00	\$ 12,800.00	\$ 21.00	\$ 16,800.00
116	1,100	s.y.i.p.	Concrete Sidewalks, Patio and Pads (Includes Portions with Integral 6" Curb and ADA Ramps)	\$ 70.20	\$ 77,220.00	\$ 60.00	\$ 66,000.00	\$ 118.00	\$ 129,800.00
117	60	s.y.i.p.	Concrete Pavement (Minimum 7" thick, 4500 psi concrete with Tufmax DOT or Approved Equal Fiber Reinforcement at 3 lbs/cv)	\$ 77.76	\$ 4,665.60	\$ 80.00	\$ 4,800.00	\$ 159.00	\$ 9,540.00
118	220	s.y.i.p.	Concrete Sidewalk Removal and Replacement (Along Campus Drive) (Includes ADA Ramps)	\$ 81.00	\$ 17,820.00	\$ 85.00	\$ 18,700.00	\$ 20.00	\$ 4,400.00
119	1,380	s.y.i.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 Type 'B' (4" Compacted Thickness)	\$ 10.80	\$ 14,904.00	\$ 11.00	\$ 15,180.00	\$ 12.00	\$ 16,560.00
120	1	Ls.	Brick Paver Plaza (Includes Stone Base)	\$ 14,871.60	\$ 14,871.60	\$ 14,000.00	\$ 14,000.00	\$ 13,770.00	\$ 13,770.00
121	4,800	s.y.i.p.	Improved Bituminous Concrete Wearing Surface Layer, ALDOT 424A, 3/8" Maximum Aggregate Size Mix, ESAL Range B With Tack Coat (1.5" Compacted Thickness)	\$ 9.50	\$ 45,600.00 +	\$ 9.00	\$ 43,200.00	\$ 8.80	\$ 42,240.00
122	4,800	s.y.i.p.	Improved Bituminous Concrete Binder Layer, ALDOT 424B, 1" Maximum Aggregate Size Mix, ESAL Range B (3" Compacted Thickness)	\$ 16.37	\$ 78,576.00 +	\$ 15.30	\$ 73,440.00	\$ 15.16	\$ 72,768.00
123	4,800	s.y.i.p.	Crushed Aggregate Limestone Base Course, ALDOT 825 Type 'B' (8" Compacted Thickness, Placed in Two Equal Layers)	\$ 16.07	\$ 77,136.00 +	\$ 15.00	\$ 72,000.00	\$ 14.88	\$ 71,424.00
124	1	each	Precast Concrete Sanitary Sewer Manhole	\$ 3,067.20	\$ 3,067.20	\$ 3,600.00	\$ 3,600.00	\$ 3,560.00	\$ 3,560.00
125	1	each	Sanitary Sewer Manhole Ring and Cover	\$ 475.20	\$ 475.20	\$ 450.00	\$ 450.00	\$ 440.00	\$ 440.00
126	40	Lf.	6" SDR 26 PVC Sanitary Sewer	\$ 48.38	\$ 1,935.20 +	\$ 55.00	\$ 2,200.00	\$ 55.00	\$ 2,200.00
127	140	Lf.	4" SDR 26 PVC Sanitary Sewer (Includes Cleanouts & Fittings)	\$ 52.01	\$ 7,281.40 +	\$ 49.00	\$ 6,860.00	\$ 48.50	\$ 6,790.00
128	2	each	4" Solvent Weld Caps	\$ 8.04	\$ 16.08 +	\$ 5.00	\$ 10.00	\$ 5.00	\$ 10.00
129	40	Lf.	Post Construction CCTV of Sanitary Sewer	\$ 6.48	\$ 259.20	\$ 7.50	\$ 300.00	\$ 7.50	\$ 300.00
130	1	each	Connect to Existing Sanitary Sewer Manhole	\$ 1,944.00	\$ 1,944.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
131	1	each	Adjust Existing Sanitary Sewer Manhole to Finished Grade	\$ 648.00	\$ 648.00	\$ 1,400.00	\$ 1,400.00	\$ 1,350.00	\$ 1,350.00
132	1	each	Inside Drop Connection for Existing Sanitary Sewer Manhole	\$ 1,737.43	\$ 1,737.43	\$ 1,500.00	\$ 1,500.00	\$ 1,450.00	\$ 1,450.00
133	1	each	6" Post Siamese Fire Department Connection	\$ 4,003.56	\$ 4,003.56	\$ 3,800.00	\$ 3,800.00	\$ 3,750.00	\$ 3,750.00
134	1	each	6" Detector Check Assembly	\$ 8,804.16	\$ 8,804.16	\$ 11,400.00	\$ 11,400.00	\$ 11,315.00	\$ 11,315.00
135	1	each	2" Domestic Meter Assembly	\$ 994.11	\$ 994.11	\$ 750.00	\$ 750.00	\$ 750.00	\$ 750.00
136	1	each	2" Irrigation Meter Assembly	\$ 994.11	\$ 994.11	\$ 750.00	\$ 750.00	\$ 750.00	\$ 750.00
137	2	each	Fire Hydrant Assembly (Includes Tee and Valve)	\$ 5,182.43	\$ 10,364.86 +	\$ 6,000.00	\$ 12,000.00	\$ 5,895.00	\$ 11,790.00
138	500	Lf.	24" CL 250 Ductile Iron Watermain	\$ 195.86	\$ 97,930.00 +	\$ 215.00	\$ 107,500.00	\$ 214.00	\$ 107,000.00
139	240	Lf.	6" CL 350 Ductile Iron UA Fire Watermain	\$ 42.69	\$ 10,245.60 +	\$ 41.00	\$ 9,840.00	\$ 41.00	\$ 9,840.00
140	120	Lf.	2 - 1/2" HDPE UA Domestic Watermain (Includes Fittings)	\$ 37.80	\$ 4,536.00	\$ 15.00	\$ 1,800.00	\$ 15.00	\$ 1,800.00
141	2	each	24" x 24" Watermain MJ Tapping Sleeve (Mueller H-615 or Equal) and Valve with Valve Box	\$ 62,173.44	\$ 124,346.88	\$ 44,000.00	\$ 88,000.00	\$ 43,265.00	\$ 86,530.00
142	2	each	24" Line Stop for Temporary Isolation	\$ 26,551.80	\$ 53,103.60	\$ 25,700.00	\$ 51,400.00	\$ 25,700.00	\$ 51,400.00
143	2	each	24" Pigging Launcher/Receiver	\$ 19,478.88	\$ 38,957.76	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00
144	2	each	Cut/Cap Existing 24" Watermain (Includes Materials)	\$ 7,217.64	\$ 14,435.28	\$ 14,000.00	\$ 28,000.00	\$ 13,765.00	\$ 27,530.00
145	1	each	6" Valve and Valve Box	\$ 1,004.26	\$ 1,004.26	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00
146	2	each	4" Valve and Valve Box	\$ 832.76	\$ 1,665.52 +	\$ 625.00	\$ 1,250.00	\$ 625.00	\$ 1,250.00
147	2	each	End Line Restraint	\$ 4,509.00	\$ 9,018.00	\$ 850.00	\$ 1,700.00	\$ 850.00	\$ 1,700.00
148	3,000	lbs	Watermain Fittings (Ductile Iron)(Compact)	\$ 9.26	\$ 27,780.00 +	\$ 14.00	\$ 42,000.00	\$ 14.00	\$ 42,000.00
149	3	each	Watermain Connection	\$ 1,620.00	\$ 4,860.00	\$ 4,000.00	\$ 12,000.00	\$ 4,000.00	\$ 12,000.00
150	1	Ls.	Allowance for City of Tuscaloosa Water Meter Permit Fee(s)	\$ 5,830.09	\$ 5,830.09	\$ 5,830.09	\$ 5,830.09	\$ 5,830.09	\$ 5,830.09
151	1	Ls.	Overhead and Profit Associated with Item 150	\$ 648.00	\$ 648.00	\$ 580.00	\$ 580.00	\$ 600.00	\$ 600.00
152	1	each	Storm Structure, Inline Drain	\$ 1,611.36	\$ 1,611.36	\$ 1,570.00	\$ 1,570.00	\$ 1,570.00	\$ 1,570.00
153	2	each	Storm Drainage Structure, Curb Inlet (Double Grate)	\$ 4,510.08	\$ 9,020.16	\$ 8,600.00	\$ 17,200.00	\$ 8,560.00	\$ 17,120.00
154	1	each	Storm Drainage Structure, Grate Inlet	\$ 2,446.20	\$ 2,446.20	\$ 3,600.00	\$ 3,600.00	\$ 3,600.00	\$ 3,600.00
155	1	each	Storm Drainage Structure, 18" Precast Headwall	\$ 1,146.42	\$ 1,146.42	\$ 925.00	\$ 925.00	\$ 925.00	\$ 925.00
156	1	each	Storm Drainage Structure, 12" Sloped Paved Headwall	\$ 800.00	\$ 800.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00
157	472	Lf.	18" Diameter Storm Sewer	\$ 51.14	\$ 24,138.08 +	\$ 96.00	\$ 45,312.00	\$ 95.50	\$ 45,076.00
158	400	Lf.	12" Diameter Storm Sewer	\$ 85.26	\$ 34,104.00 +	\$ 80.00	\$ 32,000.00	\$ 80.00	\$ 32,000.00
159	200	Lf.	8" Diameter Storm Sewer	\$ 45.10	\$ 9,020.00 +	\$ 50.00	\$ 10,000.00	\$ 50.00	\$ 10,000.00
160	300	Lf.	6" Diameter Storm Sewer	\$ 43.06	\$ 12,918.00 +	\$ 50.00	\$ 15,000.00	\$ 50.00	\$ 15,000.00
161	50	tons	Rip-Rap Class II	\$ 56.16	\$ 2,808.00	\$ 65.00	\$ 3,250.00	\$ 64.00	\$ 3,200.00
162	472	Lf.	Post Construction CCTV of Storm Sewer	\$ 6.00	\$ 2,832.00	\$ 6.00	\$ 2,832.00	\$ 5.50	\$ 2,596.00
163	900	Lf.	Site Constraint Fencing (Post Driven with Wind Screen)	\$ 19.00	\$ 17,010.00	\$ 20.00	\$ 18,000.00	\$ 17.50	\$ 15,750.00



CONTRACTOR				J.T. Harrison Construction Co, Inc.		WAR Construction, Inc.		Kyser Construction, LLC	
				5870 Charlie Shirley Road Northport, AL 35473 GC Lic. # 20245		P.O. Box 1218 Tuscaloosa, AL 35403 GC Lic. # 6418		214 Hargrove Road East Tuscaloosa, AL 35401 GC Lic. # 42467	
164	400	I.f.	Orange "Snow" Fencing (To be Installed as Directed by Owner's Representative)	\$ 4.86	\$ 1,944.00	\$ 3.00	\$ 1,200.00	\$ 2.00	\$ 800.00
165	1	each	20' Wide Double Hung Gate (Construction Fencing)	\$ 453.60	\$ 453.60	\$ 500.00	\$ 500.00	\$ 250.00	\$ 250.00
166	1	each	5' Wide Pedestrian Gate (Construction Fencing)	\$ 270.00	\$ 270.00	\$ 250.00	\$ 250.00	\$ 150.00	\$ 150.00
167	300	I.f.	Relocate Existing Chain Link Fence (Includes Gate)	\$ 15.39	\$ 4,617.00	\$ 12.00	\$ 3,600.00	\$ 12.00	\$ 3,600.00
168	700	I.f.	Black Vinyl Coated Chain Link Fence	\$ 27.76	\$ 19,432.00 +	\$ 32.00	\$ 22,400.00	\$ 25.70	\$ 17,990.00
169	2	each	20' Wide Double Hung Gate (Black Vinyl Coated Chain Link)	\$ 669.60	\$ 1,339.20	\$ 1,200.00	\$ 2,400.00	\$ 620.00	\$ 1,240.00
170	1	each	5' Wide Pedestrian Gate (Black Vinyl Coated Chain Link)	\$ 270.00	\$ 270.00	\$ 600.00	\$ 600.00	\$ 250.00	\$ 250.00
171	220	I.f.	Irrigation Sleeves: Dual Run of 6" and 4" Schedule 40 PVC	\$ 21.60	\$ 4,752.00	\$ 35.00	\$ 7,700.00	\$ 34.00	\$ 7,480.00
172	3	each	UA Permanent Sign Post with Finials	\$ 378.00	\$ 1,134.00	\$ 250.00	\$ 750.00	\$ 325.00	\$ 975.00
173	1	each	Stop Sign	\$ 513.00	\$ 513.00	\$ 500.00	\$ 500.00	\$ 475.00	\$ 475.00
174	2	each	ADA/Van Accessible Sign	\$ 388.80	\$ 777.60	\$ 250.00	\$ 500.00	\$ 250.00	\$ 500.00
175	10	each	Steel Bollards, Fixed	\$ 702.00	\$ 7,020.00	\$ 450.00	\$ 4,500.00	\$ 525.00	\$ 5,250.00
176	1	Ls.	Permanent/Temporary Traffic Striping	\$ 1,563.84	\$ 1,563.84	\$ 7,500.00	\$ 7,500.00	\$ 1,623.00	\$ 1,623.00
177	1	Ls.	Temporary Traffic and Pedestrian Control	\$ 2,700.00	\$ 2,700.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00
178	1	Ls.	Temporary Grassing / Mulching (All Disturbed Areas)	\$ 3,888.00	\$ 3,888.00	\$ 5,000.00	\$ 5,000.00	\$ 4,500.00	\$ 4,500.00
SUB-TOTAL CIVIL/SITE ITEMS				\$	1,434,831.88 •	\$	1,335,105.09	\$	1,340,342.09
LANDSCAPE/IRRIGATION ITEMS									
200	5	each	Trees, Lagerstroemia indica 'Tuscarora' / Tuscarora Crape myrtle (Balled and Burlapped) (10' ht, Mult--trunked)	\$ 313.20	\$ 1,566.00	\$ 290.00	\$ 1,450.00	\$ 290.00	\$ 1,450.00
201	20	each	Trees, Foster Holly / Ilex x attenuata 'Fosterii' (Balled and Burlapped) (10' ht)	\$ 432.00	\$ 8,640.00	\$ 400.00	\$ 8,000.00	\$ 400.00	\$ 8,000.00
202	10	each	Trees, Ilex x Conty 'Liberty' / Liberty Holly (Balled and Burlapped)(Full to Ground) (10' ht)	\$ 756.00	\$ 7,560.00	\$ 700.00	\$ 7,000.00	\$ 700.00	\$ 7,000.00
203	8	each	Trees, Quercus phellos 'Hightower' / Hightower Willow Oak (Balled and Burlapped) (4 1/2"-5" Caliper, 16' Height)	\$ 853.20	\$ 6,825.60	\$ 790.00	\$ 6,320.00	\$ 790.00	\$ 6,320.00
204	2	each	Trees, Ulmus americana 'Princeton' / Princeton Elm (Balled and Burlapped) (4 1/2"-5" Caliper, 16' Height)	\$ 853.20	\$ 1,706.40	\$ 790.00	\$ 1,580.00	\$ 790.00	\$ 1,580.00
205	184	each	Shrubs, Ilex vomitoria 'Nana' / Dwarf Yaupon Holly (7 gal.)	\$ 51.84	\$ 9,538.56	\$ 48.00	\$ 8,832.00	\$ 48.00	\$ 8,832.00
206	37	each	Shrubs, Camellia sasanqua 'Yuletide' / 'Yuletide Sasanqua (7 gal.)	\$ 77.76	\$ 2,877.12	\$ 72.00	\$ 2,664.00	\$ 72.00	\$ 2,664.00
207	66	each	Shrubs, Ilex cornuta 'Carissa' / Carissa Holly (7 gal.)	\$ 51.84	\$ 3,421.44	\$ 48.00	\$ 3,168.00	\$ 48.00	\$ 3,168.00
208	35	each	Shrubs, Rhododendron 'Delaware Valley White' / Delaware Valley White Azalea (7 gal.)	\$ 60.48	\$ 2,116.80	\$ 56.00	\$ 1,960.00	\$ 56.00	\$ 1,960.00
209	180	each	Ground Cover, Liriope muscari 'Big Blue'/Big Blue Liriope (1 gal.)	\$ 6.48	\$ 1,166.40	\$ 6.00	\$ 1,080.00	\$ 6.00	\$ 1,080.00
210	120	each	Ground Cover, Ophiopogon japonicus / Mondo (1 gal.)	\$ 6.48	\$ 777.60	\$ 6.00	\$ 720.00	\$ 6.00	\$ 720.00
211	6,000	s.y.	Sod, Zoysia 'Empire' / Empire Zoysia	\$ 7.56	\$ 45,360.00	\$ 7.00	\$ 42,000.00	\$ 7.00	\$ 42,000.00
212	500	I.f.	Tree Protection Fencing (4' Chainlink)	\$ 16.20	\$ 8,100.00	\$ 15.00	\$ 7,500.00	\$ 8.00	\$ 4,000.00
213	1	each	TSD-PS1-U2 Toro Sentinel 2-Wire Controller (Includes System Lightning Protection, All Parts Necessary for Installation, Programming, and Coordination with UA Irrigation)	\$ 8,424.00	\$ 8,424.00	\$ 7,800.00	\$ 7,800.00	\$ 7,800.00	\$ 7,800.00
214	10	zone	Rotor Zone 1 1/2" (Includes Rainbird PE 1 1/2" Valve with Toro 2-Wire Decoder, Rainbird 5000+ SAM (Or Approved Equal) Couplers Elbows, Pipe, Valve Box	\$ 3,510.00	\$ 35,100.00	\$ 3,250.00	\$ 32,500.00	\$ 3,250.00	\$ 32,500.00
215	1	zone	Spray Zone 1" (Includes Rainbird PE 1" Valve with Toro 2-Wire Decoder, Rainbird 1806 (Or Approved Equal) Couplers Elbows, Pipe, Valve Box	\$ 2,700.00	\$ 2,700.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
216	1	zone	Spray Zone 1 1/2" (Includes Rainbird PE 1 1/2" Valve with Toro 2-Wire Decoder, Rainbird 1806 (Or Approved Equal) Couplers Elbows, Pipe, Valve Box	\$ 3,780.00	\$ 3,780.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
217	4	zone	Spray Zone 1 1/2" (Includes Rainbird PE 1 1/2" Valve with Toro 2-Wire Decoder, Rainbird 1812 (Or Approved Equal) Couplers Elbows, Pipe, Valve Box	\$ 4,050.00	\$ 16,200.00	\$ 3,750.00	\$ 15,000.00	\$ 3,750.00	\$ 15,000.00
218	3	each	Hose Bib Zone with Straight Connector (Includes Rainbird PE 1 1/2" Valve with Toro 2-Wire Decoder, Couplers Elbows, Pipe, Jumbo Valve Box, etc.	\$ 540.00	\$ 1,620.00	\$ 500.00	\$ 1,500.00	\$ 500.00	\$ 1,500.00
219	2	each	3" Brass Isolation/Gate Valve in Mainline - Stockham Class 125, B-103 Or Approved Equal (Includes Couplers Elbows, Pipe, Valve Box, etc., to Operate)	\$ 324.00	\$ 648.00	\$ 300.00	\$ 600.00	\$ 300.00	\$ 600.00
220	1,200	I.f.	Irrigation Control Wire	\$ 2.16	\$ 2,592.00	\$ 2.00	\$ 2,400.00	\$ 2.00	\$ 2,400.00
221	750	I.f.	Irrigation Mainline - 3" Class 200 Bell and Gasket (Includes Thrust Blocks, Couplers, Elbows, etc., Required to Connect)	\$ 10.80	\$ 8,100.00	\$ 10.00	\$ 7,500.00	\$ 10.00	\$ 7,500.00
SUB-TOTAL LANDSCAPE/IRRIGATION ITEMS				\$	178,819.92	\$	165,574.00	\$	162,074.00
TOTAL UNIT PRICE ITEMS - BASE BID				\$	1,613,651.80 •	\$	1,500,679.09	\$	1,502,416.09

- Indicates Corrected Total
- + Indicates Summation Error

# BRYCE LAWN COMMUNITY SAFE ROOM

Approved November 2021





# BRYCE LAWN COMMUNITY SAFE ROOM

## LOCATION MAP

