

Designer Recommendations

Date: 07/05/2022
Project: Campus Wide Access Control and Security Updates
Category: Minor
Total Project Budget: \$800,000
MACC: \$709,500
Fee: \$66,031
SBC Project No.: 366/009-08-2022
Approval Date: July 13, 2022 OSA

Project Description: Update of campus access control and security systems including hardware, software, and system components.

1. I.C. Thomasson Associates Inc.

Similar projects submitted demonstrate experience with projects very similar in size and scope to MTSU project. Strong team with relevant experience. Designer has worked on multiple college campuses with like projects including MTSU. All team members and consultants have extensive experience with the current project type. The design electrical and mechanical engineers listed in past projects compared to current team are very consistent throughout.

A total of 1 firm submitted qualifications for this project.

Firm Name	Location
I.C. Thomasson Associates, Inc	Nashville, TN

William T. Waits
Assistant VP - Campus Planning

Designer Recommendations

Date: 07/11/2022
Project: Campus Wide Lighting and Lighting Control Updates
Category: Minor
Total Project Budget: \$952,200
MACC: \$841,500
Fee: \$77,100
SBC Project No.: 366/009-09-2022
OSA Approval: July 7, 2022

Project Description: Provide campus-wide modifications to interior and exterior lighting and lighting control systems.

1. I.C. Thomasson Associates, Inc.

Extensive previous experience with MTSU Campus and the Campus Lighting systems. Firm has completed electrical lighting design on new buildings and capital maintenance projects. Of the 5 projects submitted all projects include lighting projects at Tennessee Universities. Devoting three electrical engineers for the project. Team includes one senior electrical engineer, one with 22 years of experience and has completed over 100 projects on MTSU campus, and the third has 34 years of experience.

2. Rubicon Engineering Services LLC

Previous experience on a current project at MTSU as the lead project manager so design firm is familiar with the designer manual and MTSU process.

A total of 2 firm submitted qualifications for this project.

Firm Name	Location
Rubicon Engineering Services LLC	Mount Juliet, TN
I.C. Thomasson Associates, Inc	Nashville, TN



William T. Waits
Assistant VP - Campus Planning



Office of Capital Planning

Designer Recommendations

Project: Radio Tower Repair and Replacement
East Tennessee State University
SBC# 369/005-06-2022

Category: Minor

Total Budget: \$950,000
MACC: \$814,000
Designer Fee: \$ 74,807

Project Approved: OSA July 7, 2022

Repair and replacement of the campus radio tower and all related work.

1. **Prosim Engineering, LLC**

Prosim Engineering is a local firm that has provided services to ETSU in the past as part of other project teams. This team brings together an engineering group, in Facility Systems Consultants, LLC, that is extremely familiar with the campus and the utilities and building systems, with a structural engineer that has worked successfully on the ETSU campus. The sample projects included in the LOI present experience in projects of this type and scope.

A total of 1 firm submitted Letters of Interest for this project:

Firm	Location
Prosim Engineering, LLC	Gray



Designer Recommendations

Project: CISCC Campus HVAC Updates
 Category: Minor – Delegated
 Total Budget: \$1,000,000
 MACC: \$895,000
 Designer Fee: \$65,235
 SBC Project No: 166/013-02-2022
 OSA Approval: 07/14/2022

Update campus central plant equipment, including chillers, boilers, air handlers, controls, and associated components. Experience with central plant HVAC projects is preferred.

1. West, Welch, Reed Engineers, Inc.

This firm submitted previous experience with similar central plant HVAC projects. Their work includes chiller, boiler, and air handler replacements as well as work with existing control systems. The project team has consistent experience working together on similar projects.

2. Engineering Services Group, Inc.

This firm submitted previous experience with central plant HVAC projects. Their work also includes chiller, boiler, and air handler replacements as well as work with existing control systems. The mechanical engineer worked on the reference projects, but other team members did not.

3. I.C. Thomasson Associates, Inc.

This firm submitted a mix of new construction building projects and central plant upgrade projects. The proposed team has mixed experience on the reference projects.

A total of 8 firms submitted Letters of Interest for this project:

Firm Name	Location
Advanced Energy Engineering& Design, Inc.	Chattanooga
Allen & Hoshall, Inc.	Chattanooga
CMTA Inc.	Chattanooga
Engineering Services Group, Inc.	Knoxville
Hefferlin + Kronenberg Architects PLLC	Chattanooga
I.C. Thomasson Associates, Inc.	Knoxville
MBI Companies Inc.	Knoxville
West, Welch, Reed Engineers, Inc.	Knoxville



Designer Recommendations

Project: DSCC Campus Roof Drain Replacements
 Category: Minor - Delegated
 Total Budget: \$270,000
 MACC: \$220,000
 Designer Fee: \$22,958
 SBC Project No: 166/017-02-2022
 OSA Approval: 07/07/2022

Replace roof drains and scuppers on multiple campus buildings. Experience with design for existing roofing components replacement is required.

1. Braganza Design Group

This firm has the required experience for the project. All similar projects listed were roof replacements and included three jobs at TBR Community Colleges in West Tennessee. The proposed staff has ample re-roofing experience and worked on the listed projects together. The firm’s office is in the West Tennessee region. No consultants were proposed.

A total of 3 firms submitted Letters of Interest for this project:

Firm Name	Location
Braganza Design Group	Memphis
Kaatz, Binkley, Jones & Morris Architects, Inc.	Mount Juliet
Terracon Consultants Inc.	Nashville



Designer Recommendations

Project: NaSCC HVAC and Cooling Tower Repairs
 Category: Minor - Delegated
 Total Budget: \$800,000
 MACC: \$720,000
 Designer Fee: \$53,533
 SBC Project No: 166/034-02-2022
 OSA Approval: 07/08/2022

Update HVAC systems including cooling towers, heat pumps and roof top equipment.

1. Gresham Smith

The designer provided project examples that demonstrate strong experience with replacement of cooling towers and HVAC upgrades. The team has consistent experience to complete the scope of the work and has worked on other projects of similar scope.

2. I. C. Thomasson Associates, Inc.

The designer presented projects that demonstrate good experience with replacement of cooling towers and HVAC improvements. The design team has consistent experience to complete the scope of work.

3. Henderson Engineers, Inc.

The designer presented some projects that incorporated HVAC renovations of various scope that did not include cooling towers. The design team is experienced and consistent.

A total of 4 firms submitted Letters of Interest for this project:

Firm Name	Location
Genesis Engineering Group, LLC	Franklin
Gresham Smith	Nashville
Henderson Engineers, Inc.	Franklin
I.C. Thomasson Associates, Inc.	Nashville



Designer Recommendations

Project: TCAT Murfreesboro Fire Alarm System Upgrade
 Category: Minor - Delegated
 Total Budget: \$380,000
 MACC: \$330,000
 Designer Fee: \$26,439
 SBC Project No: 166/074-01-2022
 OSA Approval: 07/08/2022

Replace fire alarm and emergency notification system.

1. Win Engineering, LLC

The design firm provided five project examples of fire alarm upgrades or replacements which match the scope of the project. The proposed design team worked on all five of the projects and is well qualified to complete the project.

2. Gresham Smith

The design firm provided four examples of similar scope in the healthcare industry. All projects included replacement or addition of fire alarm systems. The design team is qualified, but the project manager was not on the team shown in the examples.

3. Dewberry Engineers Inc.

The design firm provided three examples of fire alarm replacement projects and two projects that included smoke evac systems. The design team is qualified and is similar to the team proposed in the letter of interest.

A total of 4 firms submitted Letters of Interest for this project:

Firm Name	Location
Dewberry Engineers, Inc.	Nashville
Engineering Services Group, Inc.	Knoxville
Gresham Smith	Nashville
Win Engineering, LLC	Nashville



THE UNIVERSITY of TENNESSEE

KNOXVILLE • CHATTANOOGA • MARTIN • MEMPHIS • TULLOHOOMA • PULASKI

DEPARTMENT OF CAPITAL PROJECTS

Designer Recommendation

Project: Frieson Black Cultural Center Upgrades
UT Knoxville
SBC 540/009-25-2022

Category: Minor

Total Budget: \$300,000

MACC: \$170,000

Designer Fee: \$18,227

Project Approved: Anticipated Approval June 21, 2022

Upgrades include general building finishes along with repairs to building flooring and site amenities; all related work to complete the project.

1. The Benefield Richters Company

Benefield Richters' project experience includes renovation and reconfiguration work on commercial properties. They have limited experience with the campus. Their staff proposed is experienced. The consultants include Bedinger Consulting Engineers (Mechanical, Plumbing, & Fire Protection), Vreeland Engineers, Inc. (Electrical), and Mallia Engineering Company (Structural). The Benefield Richters Company is located in Knoxville, TN.

2. Randolph Architecture, LLC

Randolph Architecture has experience in renovation and upgrades to other higher education and commercial properties. They have limited experience with the campus and have performed well. Their staff is knowledgeable. Their consultants include Vreeland Engineers, Inc. (Electrical) and Kelso-Regen Associates, Inc. (Mechanical). Randolph Architecture, LLC is located in Knoxville, TN.

3. Thomas Caldwell, Architect

Thomas Caldwell's project experience includes work with similar scope and work for other public entities. They have some ongoing work with the campus and have provided good service. Their staff is qualified. The consultants are Carpenter Wright Engineers, PLLC (Structural) and Facility Systems Consultants, LLC (Mechanical). Thomas Caldwell, Architect is located in Knoxville, TN.

There were no additional firms submitting qualifications.



THE UNIVERSITY of TENNESSEE

KNOXVILLE • CHATTANOOGA • MARTIN • MEMPHIS • TULLOHOOMA • PULASKI

DEPARTMENT OF CAPITAL PROJECTS

Designer Recommendation

Project: Hoskins Library Suite Renovations
UT Knoxville
SBC 540/009-27-2022

Category: Minor

Total Budget: \$500,000

MACC: \$360,000

Designer Fee: \$35,744

Project Approved: Anticipated Approval June 13, 2022

Renovation of several suites including changes in layouts, finish upgrades of all surfaces and building system improvements. Asbestos abatement will be completed as needed. Includes all related work to complete the project.

1. Community Tectonics Architects, Inc.

Community Tectonics has experience with other higher education institutions with similar projects and scope. They have provided good service to the University on previous projects. Their staff has years of experience and have worked with their consultants previously on other projects. These consultants include Robert G. Campbell & Associates, L.P. (Civil), Bender & Associates Structural Engineers, LLC (Structural), Mechanical Design Services (Mechanical), West, Welch, Reed Engineers, Inc. (Electrical), and Terracon Consultants, Inc. (Environmental). Community Tectonics Architects, Inc. is located in Knoxville, TN.

2. Randolph Architecture, LLC

Randolph Architecture has experience which covers renovation and upgrades on similar projects. They have limited experience on the Knoxville campus. Their staff are qualified, and their consultants have worked with them previously. Their consultants include Vreeland Engineers, Inc. (Electrical) and Kelso-Regen Associates, Inc. (Mechanical). Randolph Architecture, LLC is located in Knoxville, TN.

The following firm also submitted qualifications:

Thomas Caldwell, Architect	Knoxville, TN
----------------------------	---------------