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THE UNIVERSITY of TENNESSEE
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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Ag Research and Extension – Roof Replacements
UT Institute of Agriculture
SBC 540/001-03-2015
Category: Minor
Total Budget: \$2,000,000.00
MACC: \$1,760,000.00

This project will replace approximately 104,000 GSF of roofs (statewide) including thirteen (13) buildings located at the Institute of Agriculture Research and Educational Center(s) (REC), the Ag Extension-Eastern Region Office-Downtown West (Knoxville), and five (5) buildings at Clyde York 4-H Center (Crossville).

1. Design Innovation Architects

Relevant previous experience listed includes reroofing project for other higher education facilities and UT Knoxville. The work for this project is similar to the projects highlighted. The proposed staff and consultant team include a registered roofing consultant and other disciplines as required to complete the project. They are all experienced and have a good working relationship with the Institute of Agriculture. They are located in Knoxville.

2. Johnson Architecture, Inc.

Project experience noted include several roof upgrades and reroofing projects. This work covered multiple types of buildings and different roofing systems. The staff and team of consultants are qualified and experienced. They have worked with UT Institute of Agriculture previously. They are located in Knoxville.

Three firms were solicited for this work with only two responding.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Campus Site Improvements
UT Chattanooga
SBC 540/005-03-2015

Category: Standard

Total Budget: \$3,500,000.00

MACC: \$3,080,000.00

1. Ross Fowler, P.C.

Firm presented experience with several projects that are adjacent to this project of the same scope and budgets. Key personnel and proposed consultants are experienced and have worked together previously. They have a good working relationship with the campus and are familiar with their needs and expectations. The firm is located in Knoxville.

2. WM Whitaker Associates

Experience of similar projects cover work of master planning and projects that are still under construction of a similar budget. The staff is qualified and has shown experience in higher education work. The consultants have worked with the campus on other projects. The firm is located in Chattanooga.

3. Hedstrom Design, LLC

Project experience presented are similar to the scope and expectations of this project. The staff proposed are experienced with consultants who have worked together with the campus previously. They are located in Knoxville.

A total of 7 firms submitted qualifications for this project. Other firms submitting are as follows:

- Allen & Hoshall, Inc.
CRJA-IBI Group
CTI Engineers, Inc.
Neuhoff Taylor Architects



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Institute of Agriculture (Architectural)
UT Knoxville (Agriculture)
SBC 540/001-04-2015
Category: Minor
Total Budget: \$65,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee Institute of Agriculture from November 1, 2015 through October 31, 2016.

Architectural \$40,000 Mechanical / Electrical \$25,000

1. Community Tectonics Architects, Inc.

This firm has provided information indicating their background in contracts similar to the scope of this one for several higher education campuses as well as the US Postal Services. They have also included projects that show their experience in new and renovated work. The staff are seasoned professionals who have expertise that has been crafted over many years. They are located in Knoxville.

2. Architects Weeks Ambrose McDonald, Inc.

Project experience ranges from programming to construction administration on buildings for the UT Knoxville campus. These projects indicate their level of understanding into the design aspects required. They have a staff who are experienced and knowledgeable. They are located in Knoxville.

3. Blankenship & Partners, LLC

Letter of interest shows their understanding of the role required for this project. The projects given show the ability to work through several phases of a project spanning multiple years with the same client. They have worked on the UT Knoxville campus. The staff is capable and qualified. They are located in Knoxville.

A total of 10 firms submitted qualifications for this project. Other firms submitting:

- Adams Craft Herz Walker
Benefield Richters Company
Bullock Smith & Partners, Inc.
The Lewis Group Architects, Inc. P.C.
Lyle Cook Martin Architects, Inc.
Michael Brady, Inc.
Wystwynd Designs, Inc.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Institute of Agriculture (Mechanical / Electrical)
 UT Knoxville (Agriculture)
 SBC 540/001-04-2015

Category: Minor

Total Budget: \$65,000.00

MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee Institute of Agriculture from November 1, 2015 through October 31, 2016.

Architectural	\$40,000	Mechanical / Electrical	\$25,000
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1. I.C. Thomasson Associates, Inc.

This firm provided projects that showed their capabilities in handling new, renovations, and maintenance projects on both the UT Institute of Agriculture and Knoxville campuses. They have worked with the Institute of Agriculture staff previously and understand their needs and processes. The staff proposed are experienced and with offices in both Knoxville and Nashville they will be well equipped in handling any work that UTIA might have at centers throughout the state.

2. Facility Systems Consultants, LLC

Project experience highlighted includes an ongoing contract with another state agency. They have also cited work for UTIA and a private corporation. The work for these projects cover all aspects of services under mechanical and electrical as well as fire protection. The staff proposed are experienced and capable of handling the needs for the Institute of Agriculture. They are located in Knoxville.

3. Advanced Energy Engineering and Design, Inc.

The project experience covers a variety of design aspects for higher education institutions. They have worked on building types that include labs and assembly spaces. They have also done analysis on building envelopes. The team is qualified and have years of experience. They are located in Chattanooga.

A total of 3 firms submitted qualifications for this project.

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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Chattanooga (Architectural)
UT Chattanooga
SBC 540/005-06-2015
Category: Minor
Total Budget: \$185,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Chattanooga from November 1, 2015 through October 31, 2016.

Table with 6 columns: Category, Amount, Category, Amount, Category, Amount. Rows include Architectural (\$35,000), Environmental (\$25,000), Structural (\$25,000), Civil (\$25,000), Landscape (\$25,000), Electrical (\$25,000), Mechanical (\$25,000).

1. Derthick, Henley, Wilkerson Architects

Firm experience presented are all on going contracts with not only UT Chattanooga, but also public and private agencies. They have cited their knowledge on how this contract works and the various activities that could be associated with them.

2. Franklin Associates, Architects, Inc.

The experience noted includes work for UT Chattanooga and work on another higher education campus as well as a private company. This work includes roof replacement, renovations of offices, cafeterias, and a library.

3. Cogent Studio, LLC

Work experience cited for this firm includes a current project of repairing a historic house for UT Chattanooga. They have also mentioned previous and ongoing IDIQ contracts with others and explained the nature of work associated with them.

A total of 8 firms submitted qualifications for this project. Other firms submitting:

- Artech Design Group
The Lewis Group Architects, Inc., P.C.
Michael Brady Inc.
Rardin & Carroll Architects
TWH Architects, Inc.



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Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Chattanooga (Structural)
UT Chattanooga
SBC 540/005-06-2015
Category: Minor
Total Budget: \$185,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Chattanooga from November 1, 2015 through October 31, 2016.

Table with 6 columns: Architectural (\$35,000), Environmental (\$25,000), Structural (\$25,000), Civil (\$25,000), Landscape (\$25,000), Electrical (\$25,000), Mechanical (\$25,000)

1. Ross Bryan Associates, Inc.

All project experience cited includes work completed for UT which includes analysis of historic structures by implementing designs to extend their uses, and have designed new construction adjacent to existing structures.

2. March Adams & Associates, Inc.

Projects experience list work on the UT Chattanooga campus which was done as a part of the design team. Staff members include licensed professionals who are qualified and have designed many types of structural systems on different building types that might be used under this contract.

3. CTI Engineers, Inc.

This firm is capable of providing many aspects of services for this contract. They are experienced with evaluating and designing new and existing construction of multiple building types. They also hold a similar contract with another UT campus so they understand the needs that might arise.

A total of 7 firms submitted qualifications for this project. Other firms submitting:

Civil & Environmental Consultants, Inc.
Field's Engineering Consultant Services, LLC

Fulghum, MacIndoe and Associates, Inc.
Michael Brady Inc.

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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Chattanooga (Mechanical)
UT Chattanooga
SBC 540/005-06-2015
Category: Minor
Total Budget: \$185,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Chattanooga from November 1, 2015 through October 31, 2016.

Table with 4 columns: Architectural (\$35,000), Environmental (\$25,000), Structural (\$25,000), Civil (\$25,000), Landscape (\$25,000), Electrical (\$25,000), Mechanical (\$25,000)

1. March Adams & Associates, Inc.

Project experience listed includes only projects that are ongoing or completed at the UT Chattanooga campus. The staff is licensed and qualified. They bring with them years of experience working on all building types and covering many different mechanical systems. They are located in Chattanooga.

2. Advanced Energy Engineering and Design, Inc.

The firm has provided work experience from projects for UT and another higher education campus. The covered scopes include planning, design/engineering, oversight, and commissioning. The staff cover all disciplines that will be needed under this contract, and they are all qualified. They are located in Chattanooga.

3. Burns & McDonnell Co., Inc.

Work presented includes services for district energy planning as well as design and construction of various projects for higher education and federal facilities. The staff listed have worked on all highlighted projects. They are qualified and knowledgeable in their disciplines of service. They are located in Alpharetta.

A total of 5 firms submitted qualifications for this project. Other firms submitting:

- Campbell & Associates, Inc.
Michael Brady Inc.



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Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Chattanooga (Landscape)
UT Chattanooga
SBC 540/005-06-2015
Category: Minor
Total Budget: \$185,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Chattanooga from November 1, 2015 through October 31, 2016.

Table with 5 columns: Architectural (\$35,000), Environmental (\$25,000), Structural (\$25,000), Civil (\$25,000), Landscape (\$25,000), Electrical (\$25,000), Mechanical (\$25,000)

1. W.M. Whitaker & Associates landscape architects

This firm has presented projects that they have worked on for higher education campuses. This experience ranges from conceptual master planning though design. They have not done any previous work with the campus but are enthusiastic and ready for the challenges that this contract will give them. The staff is licensed with clear definition of roles provided. They are located in Chattanooga.

2. Ross/Fowler, P.C.

They have worked on numerous projects on the UT Chattanooga campus which include the master planning and implementation of the pedestrian plaza as well as working on the design team for the library. Their staff are seasoned professionals who have a good working relationship with the campus. They are located in Knoxville.

3. Asa Engineering & Consulting, Inc.

The firm is fairly new but have a strong staff with years of service in their respective fields. Project experience cited include a project that they are serving as a consultant for the design team on the UT Chattanooga campus. They have also included work that they are currently doing for the state and a private company. They are located in Chattanooga.

A total of 5 firms submitted qualifications for this project. Other firms submitting:

- CRJA-IBI Group
Hedstrom Design, llc



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Chattanooga (Environmental)
UT Chattanooga
SBC 540/005-06-2015
Category: Minor
Total Budget: \$185,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Chattanooga from November 1, 2015 through October 31, 2016.

Table with 6 columns: Architectural (\$35,000), Environmental (\$25,000), Structural (\$25,000), Civil (\$25,000), Landscape (\$25,000), Electrical (\$25,000), Mechanical (\$25,000)

1. Professional Environmental Consulting, Incorporated

This firm currently holds the Environmental consulting contract for UTC. They have provided excellent service in a timely manner on many different buildings throughout the campus. The proposed staff are qualified and hold necessary certifications for this service. They also have their labs in house so sampling can be returned quickly. They are located in Knoxville.

2. Quantum Environmental & Engineering Services, LLC

Project experience cited cover work for major projects on the UT Knoxville campus as well as holding a previous on call contract for the state. This work included surveying, project design, bidding, review of work during abatement, visual air monitoring, and making sure all permitting is in place for disposal. The staff proposed are qualified with years of experience. Offsite labs will be used for reviewing samples. They are located in Knoxville.

3. S&ME, Inc.

This firm has cited projects where they have surveyed, collected samples, inspected areas during demolition, developed Quality Assurance plans and cleanup alternatives, monitored, and prepared an abatement monitoring program for cities and school districts. The staff are accredited and cover many areas of asbestos monitoring and certification. Offsite labs will be used for reviewing samples. The firm is located in Chattanooga.

A total of 6 firms submitted qualifications for this project. Other firms submitting:

- Civil & Environmental Consultants, Inc.
Field's Engineering Consultant Services, LLC
Terracon Consultants, Inc.



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Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Chattanooga (Electrical)
UT Chattanooga
SBC 540/005-06-2015
Category: Minor
Total Budget: \$185,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Chattanooga from November 1, 2015 through October 31, 2016.

Architectural	\$35,000	Civil	\$25,000	Mechanical	\$25,000
Environmental	\$25,000	Landscape	\$25,000		
Structural	\$25,000	Electrical	\$25,000		

1. West Welch Reed Engineers, Inc.

This firm has held several on call contracts with UT and another state agency which cover multiple higher education facilities. They understand the needs and issues that arise under these types of contracts including master planning of electrical distribution across a campus, cost estimating of potential capital projects, lighting redesign for efficiency, and generator replacements. The staff are qualified and familiar with work that will be required. They are locate in Knoxville.

2. Advanced Energy Engineering and Design, Inc.

Work presented includes electrical system upgrades for institutional facilities, historic buildings, and office complexes. They have presented different service levels for each of these projects which show the range in services. The staff is qualified with many years of experience. They are located in Chattanooga.

3. March Adams & Associates, Inc.

Experiences cited include work for UT Chattanooga as well as the Space Institute and the State of Tennessee. The staff presented are qualified and have worked on electrical systems for commercial and industrial projects as well as being equipped to provide lighting design, fire alarm, data transmissions, and communication systems. They are located in Chattanooga.

A total of 6 firms submitted qualifications for this project. Other firms submitting:

- Burns & McDonnell Co., Inc.
- Engineering Services Group, Inc.
- Michael Brady Inc.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Chattanooga (Civil)
UT Chattanooga
SBC 540/005-06-2015
Category: Minor
Total Budget: \$185,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Chattanooga from November 1, 2015 through October 31, 2016.

Table with 5 columns: Service Type, Amount, Category, Amount, Amount. Rows include Architectural, Environmental, Structural, Civil, Landscape, Electrical, Mechanical.

1. Asa Engineering & Consulting, Inc.

This is a relatively new firm who are anxious to provide UT Chattanooga with their services. Their project experience listed stems from their work as a consultant to other design firms and covers site design on historic and urban properties.

2. CTI Engineers, Inc.

This firm scope experience include evaluation/rehabilitation of water and sewer pipes, design of new sites with the construction of new buildings, drainage structures, walkways and roadways.

3. March Adams & Associates, Inc.

Project experience listed cover work associated with the UT Chattanooga campus. Staff experience includes work on site grading plans, storm water drainage and detention, site utilities, erosion control, road design, and sewer collection.

A total of 8 firms submitted qualifications for this project. Other firms submitting:

- Allen & Hoshall, Inc.
Civil & Environmental Consultants, Inc.
Fulghum, MacIndoe and Associates, Inc.
Littlejohn Engineering Associates
Michael Brady Inc.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Knoxville (Architectural)
UT Knoxville
SBC 540/009-10-2015
Category: Minor
Total Budget: \$1,500,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee Knoxville from November 1, 2015 through October 31, 2016.

Table with 6 columns: Architectural (\$300,000), Mechanical (\$200,000), Environmental (\$100,000), Electrical (\$250,000), Structural (\$100,000), Geotechnical (\$100,000), Landscape (\$200,000), Civil (\$250,000)

1. Architects Weeks Ambrose McDonald, Inc.

The firm have cited projects that cover renovation and new construction for classroom buildings and residence halls. Each show their capabilities for accommodate needs that might arise under this contract. Proposed staff are qualified and cover needs for the campus. They are located in Knoxville.

2. Lindsay & Maples, Architects, Inc.

Project experience noted include an ongoing contract with UT Medical Center and as well as new and renovated project for the UT Knoxville campus. They are a capable firm who have worked well with the campus staff and understand the needs of this project. They are located in Knoxville.

3. Cope Associates Inc. Architecture

The project experience listed cover various ongoing contracts as well as new facilities for UT Knoxville and other state entities. Each project is closely related to the needs that will be required for this work. The staff proposed are capable and experienced to handle the work. They are located in Knoxville.

A total of 13 firms submitted qualifications for this project. Other firm submitting:

Adams Craft Herz Walker
Benefield Richters Company
Blankenship & Partners, LLC
Bullock Smith & Partners, Inc.
Community Tectonics, Inc.

Design Innovation Architects
The Lewis Group Architects, Inc. P.C.
Michael Brady, Inc.
Roof Design & Consulting Services, Inc.
Wystwynd Designs, Inc.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Knoxville (Civil)
UT Knoxville
SBC 540/009-10-2015
Category: Minor
Total Budget: \$1,500,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee Knoxville from November 1, 2015 through October 31, 2016.

Architectural	\$300,000	Mechanical	\$200,000	Environmental	\$100,000
Electrical	\$250,000	Structural	\$100,000	Geotechnical	\$100,000
Landscape	\$200,000	Civil	\$250,000		

1. Gresham, Smith, and Partners

The firm experience noted include all site and traffic related work on UT projects. These projects cover extensive work from master planning through the implantation of construction and study of traffic impacts on and around the sites. Staff proposed have extensive knowledge and depth in their related fields. They are located in Knoxville.

2. Fulghum, MacIndoe and Associates, Inc.

Projects cited included work with UT as well as the city of Knoxville. Each project shows their strengths in site development from planning through construction in urban environments. Staff is experienced and has worked with the campus. They are located in Knoxville.

3. Barge, Waggoner, Sumner and Cannon, Inc.

The highlighted projects include work for the UT Knoxville campus. This work includes a major site project with the intramural fields along with work with the steam lines and pedestrian bridge. They have a qualified staff who are located in Knoxville.

A total of 10 firms submitted qualifications for this project. Other firm submitting:

- Adams Craft Herz Walker
- Civil & Environmental Consultants, Inc.
- CTI Engineers, Inc.
- Littlejohn Engineering Associates
- March Adams & Associates, Inc.
- Michael Brady Inc.
- Robert G. Campbell and Associates, LP



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Knoxville (Electrical)
UT Knoxville
SBC 540/009-10-2015
Category: Minor
Total Budget: \$1,500,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee Knoxville from November 1, 2015 through October 31, 2016.

Architectural	\$300,000	Mechanical	\$200,000	Environmental	\$100,000
Electrical	\$250,000	Structural	\$100,000	Geotechnical	\$100,000
Landscape	\$200,000	Civil	\$250,000		

1. West Welch Reed Engineers, Inc.

Project experience cited are all for state procurement agencies annual contracts for previous years. This firm held the UT Knoxville contract from 2000 – 2006. The campus worked well with them and they are familiar with the needs that this contract will require. Current staff are experienced and able to achieve tasks quickly when required. They are located in Knoxville.

2. Vreeland Engineers, Inc.

This firm has vast knowledge of the UT Knoxville campus. Their project experience covers classroom and research buildings as well as working on the facilities services building for the campus. They have proven themselves to be responsive and understand what is needed on projects. They are located in Knoxville.

3. I.C. Thomasson Associates, Inc.

Projects highlighted include work on the UT Knoxville and UTIA campuses which cover work in the Vet Med Building, the University Center, and an engineering building. They are familiar with the needs of the campus and the staff is seasoned. They are located in Knoxville.

A total of 10 firms submitted qualifications for this project. Other firms submitting are as follows:

- | | |
|--|-----------------------------------|
| Advanced Energy Engineering and Design, Inc. | Facility Systems Consultants, LLC |
| Burns & McDonnell Co., Inc. | March Adams & Associates, Inc. |
| CH2M Hill Engineers | Michael Brady, Inc. |
| Engineering Services Group, Inc. | |



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Knoxville (Environmental)
UT Knoxville
SBC 540/009-10-2015
Category: Minor
Total Budget: \$1,500,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee Knoxville from November 1, 2015 through October 31, 2016.

Architectural	\$300,000	Mechanical	\$200,000	Environmental	\$100,000
Electrical	\$250,000	Structural	\$100,000	Geotechnical	\$100,000
Landscape	\$200,000	Civil	\$250,000		

1. Quantum Environmental & Engineering Services, LLC (QE2)

This firm has provided environmental testing and surveying on current projects for the UT Knoxville campus including existing dorms and the recently demolished University Center. They are also performing a similar contract as this one for The Department of General Services. Staff stated are experienced with are working with the campus now on projects cited above. They are located in Knoxville.

2. Civil & Environmental Consultants, Inc.

Experience indicated include, extensive work for environmental assessment and remediation plans for corporations. They have covered the projects from the beginning of testing through overseeing the removal of the hazardous materials. Staff provided is experienced. They are located in Maryville.

3. S&ME, Inc.

Project experience highlighted include, work on a residence hall and a sorority house for UT Knoxville. Each of these projects shows their ability to adapt to different types of projects in varying degree of need. They also currently have a similar contract with the UT Medical Center. Professionals on proposed staff have several levels of certifications and knowledge. They are located in Louisville.

A total of 4 firms submitted qualifications for this project. Other firm submitting:

CTI Engineers, Inc.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Knoxville (Structural)
 UT Knoxville
 SBC 540/009-10-2015

Category: Minor
 Total Budget: \$1,500,000.00
 MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee Knoxville from November 1, 2015 through October 31, 2016.

Architectural	\$300,000	Mechanical	\$200,000	Environmental	\$100,000
Electrical	\$250,000	Structural	\$100,000	Geotechnical	\$100,000
Landscape	\$200,000	Civil	\$250,000		

1. Ross Bryan Associates, Inc.

The projects highlighted show their experience in renovations, inspections and remediation in parking garages, and work with the utility systems vaults and other underground structures. Staff listed has experience with projects listed as well as other multiple projects throughout the campus. They are located in Nashville.

2. Fulghum, MacIndoe and Associates, Inc.

Project experience indicates ongoing work for structural analysis of various components of structural systems from buildings to exterior canopies and other remediation of different site conditions. Work appears to be in line with what the scope is for this project. Staff proposed is qualified in their disciplines and lists different types of systems that they have experience in doing. They are located in Knoxville.

3. March Adams & Associates, Inc.

Experience shown cover their work that they have performed with the UT Chattanooga campus which covers the structural design for a seven story dorm as well as renovation work on some of the older buildings on campus. Engineers listed are experienced and list their depth of knowledge in different types of structural components. They are located in Chattanooga.

A total of 6 firms submitted qualifications for this project. Other firms submitting are as follows:

- Civil & Environmental Consultants, Inc.
- CTI Engineers, Inc.
- Michael Brady, Inc.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Knoxville (Mechanical)
UT Knoxville
SBC 540/009-10-2015
Category: Minor
Total Budget: \$1,500,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee Knoxville from November 1, 2015 through October 31, 2016.

Table with 2 columns: Service Category and Amount. Rows include Architectural (\$300,000), Mechanical (\$200,000), Environmental (\$100,000), Electrical (\$250,000), Structural (\$100,000), Geotechnical (\$100,000), Landscape (\$200,000), and Civil (\$250,000).

1. CH2M Hill Engineers

This firm has presented projects that show their knowledge of the systems on campus. Their staff has extensive experience. They work well with the campus and understand the goals, which are needed to complete the work under this scope. They are located in Knoxville.

2. Engineering Services Group, Inc.

Highlighted projects offered show their experience on for both UT Knoxville and UTIA campuses. The proposed staff is qualified and knowledgeable in their fields of service, and they have shown the campus that they can work with them in a various situations. They are located in Knoxville.

3. I.C. Thomasson Associates, Inc.

Project experience indicates they comprehend the campus systems and how diversified they can be. The staff listed are veterans in their field and know how to complete the work for projects that may be needed under this scope. They are located in Knoxville.

A total of 9 firms submitted qualifications for this project. Other firms submitting are as follows:

- Advanced Energy Engineering and Design, Inc.
Burns & McDonnell Co., Inc.
Facility Systems Consultants, LLC
March Adams & Associates, Inc.
Michael Brady Inc.
West Welch Reed Engineers, Inc.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Knoxville (Landscape)
UT Knoxville
SBC 540/009-10-2015
Category: Minor
Total Budget: \$1,500,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee Knoxville from November 1, 2015 through October 31, 2016.

Architectural	\$300,000	Mechanical	\$200,000	Environmental	\$100,000
Electrical	\$250,000	Structural	\$100,000	Geotechnical	\$100,000
Landscape	\$200,000	Civil	\$250,000		

1. CRJA-IBI Group

The project experience cited includes work on some major university projects, which include residence hall outdoor living areas, classroom building streetscape environments, and a plaza. Each project has individual elements that characterize the different aspects of the campus while maintaining the overall intent of the UTK campus guidelines. The staff has worked with the campus previously. They are located in Knoxville.

2. Barge, Waggoner, Sumner and Cannon, Inc.

Projects highlighted include plazas and streetscape improvements as well as work of a new intramural sports complex for the UT Knoxville campus. Projects that have been done have incorporated different user group needs of campus while adhering to the campus guidelines. Staff proposed has successfully navigated the projects from programming to completion. Firm is located in Knoxville.

3. W.M. Whitaker & Associates landscape architects

Previous experience shown include the design and implementation of construction for a new classroom building over site which included an oculus design with streetscapes interwoven with gathering spaces around existing dorms and service yard areas. They have also worked on campus master plans. Staff presented is experienced and have worked on the projects provided. They are located in Chattanooga.

A total of 3 firms submitted qualifications for this project.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Martin (Architectural)
UT Martin
SBC 540/011-06-2015
Category: Minor
Total Budget: \$50,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Martin from November 1, 2015 through October 31, 2016.

Architectural \$25,000 Mechanical / Electrical \$25,000

- 1. TLM Associates, Inc. Architects + Engineers

The project experience highlighted includes projects from the UT Martin campus with one being their existing Professional contract. They have worked on numerous projects for the campus and work well with the UTM staff. The proposed team is experienced and should be able to handle all issues that may arise. They are located in Jackson.

- 2. Lyle Cook Martin Architects, Inc.

All projects cited are previous contracts similar to this scope for UT and another state agency. During work on this they covered all aspects of master planning and all phases of design for maintenance and renovations. The staff proposed are knowledgeable have numerous years of experience. They are located in Clarksville.

- 3. A2H, Inc.

Project experience indicates their performance on other on-call contracts and various UT Martin buildings. Their experience covers facility assessments, space planning, programming and all design phases as well as construction administration for all types of buildings. They have listed a qualified team who will be capable of handling this work and are located in Lakeland.

A total of 8 firms submitted qualifications for this project. Other firms submitting:

- Allen & Hoshall, Inc.
- Bauer Askew Architecture, pllc
- Haizlip Studio, PLLC
- HFR Design, Inc.
- Vaughan Associates Architects, Inc.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Martin (Mechanical/Electrical)
 UT Martin
 SBC 540/011-06-2015

Category: Minor
 Total Budget: \$50,000.00
 MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Martin from November 1, 2015 through October 31, 2016.

Architectural	\$25,000	Mechanical / Electrical	\$25,000
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1. Allen & Hoshall, Inc.

This firm has worked on various campuses for UT. They have presented projects for new construction as well as other ongoing on call projects with other state agencies. Services for these projects cover all aspects of scope which will be similar to this project. Design team proposed incorporate all disciplines that may be required. They are qualified and experienced. They are located in Memphis.

2. Pickering Firm, Inc.

Firm has presented project experience with open-ended contracts for multiple clients with one from UT. These projects cover all types of renovations and specialized systems that might be encountered under this work. The staff proposed include seasoned veterans who are well aware of the needs of UT Martin. They are located in Memphis.

3. HNA Engineering

HNA is familiar with the efforts required on open ended contracts. They have explained their roles on ones that are ongoing and previous held ones. They are currently doing work on the UT Martin campus on another project, and are familiar with the staff and their needs. They are proposing to assign engineers who are qualified and knowledgeable. They are located in Arlington.

A total of 6 firms submitted qualifications for this project. Other firms submitting:

- A2H, Inc.
- Advanced Energy Engineering and Design, Inc.
- Smith Seckman Reid, Inc.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Health Science Center (Architectural)
UT Health Science Center (Memphis)
SBC 540/013-03-2015
Category: Minor
Total Budget: \$260,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Health Science Center from November 1, 2015 through October 31, 2016.

Table with 6 columns: Architectural (\$60,000), Mechanical (\$65,000), Electrical (\$50,000), Environmental (\$35,000), Structural (\$20,000), Landscape (\$30,000)

1. Haizlip Studio, PLLC

The firm has presented projects done for UT at the Health Science Center and Martin campuses. This work includes roof replacement, renovation, and addition. The projects cover a variety of different aspects and changes in use. The design experiences are closely related to the work that might be required for this project. The proposed team is qualified and will be a good fit for this campus. They are located in Memphis.

2. Renaissance Group, Inc.

Project experience shows on call contracts for other state and federal agencies for similar tasks required for this contract. They have listed several aspects for each project which align with the work that may be needed under this scope. The staff is experienced. They are located in Lakeland.

3. A2H, Inc.

Highlighted projects include work with UT Martin as well as other on call contracts with other entities. All work listed is current, covers a variety of design needs, and demonstrates working with many different types of agencies. The staff proposed are working on all projects cited and are experienced in all design phases. They are located in Lakeland.

A total of 8 firms submitted qualifications for this project. Other firm submitting:

- Allen & Hoshall, Inc.
Architect's International, LLC
ANF Architects
Guy Payne & Associates Architects
Wystwynd Designs Inc.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Health Science Center (Electrical)
UT Health Science Center (Memphis)
SBC 540/013-03-2015
Category: Minor
Total Budget: \$260,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Health Science Center from November 1, 2015 through October 31, 2016.

Table with 6 columns: Architectural (\$60,000), Mechanical (\$65,000), Electrical (\$50,000), Environmental (\$35,000), Structural (\$20,000), Landscape (\$30,000)

1. Allen & Hoshall, Inc.

They have provided service for numerous projects for UTHSC which have included all levels of service. They have also had consultant on call contracts with other state agencies which required them to handle multiple scopes of projects.

2. JMW Engineering, Inc.

This firm has listed experience of repetitive work with the same private clients over multiple phase and multiple year projects covering work that might be similar to the scope of this project. They have not worked with the UT Health Science Center previously.

3. A2H, Inc.

Project experience indicated shows their electrical engineering capabilities of industrial facilities which not only required heavy electrical loads but showed their skills in creative lighting design for building efficiency.

A total of 5 firms submitted qualifications for this project. Other firms submitting:

- Advanced Energy Engineering and Design, Inc.
Smith Seckman Reid, Inc.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Health Science Center (Structural)
UT Health Science Center (Memphis)
SBC 540/013-03-2015
Category: Minor
Total Budget: \$260,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Health Science Center from November 1, 2015 through October 31, 2016.

Table with 6 columns: Architectural (\$60,000), Environmental (\$35,000), Mechanical (\$65,000), Structural (\$20,000), Electrical (\$50,000), Landscape (\$30,000)

1. Allen & Hoshall, Inc.

Project experience noted covers scopes that include new buildings but also structural analysis of existing buildings. This work would be closely related to the type of scope that will be needed for this project. They have worked with the campus on other projects and have good staff who are responsive. They are located in Memphis.

2. Burr & Cole Consulting Engineers, Inc.

This firm has either completed or are still doing on-going contracts for UT and other state and private agencies. They are aware of the multiple needs and tasks that will be part of this work and are equipped to handle these situations with experienced staff who have succeeded in doing these types of contracts. They are located in Memphis.

3. A2H, Inc.

Experience highlighted includes analysis, assessments, and renovation of existing facilities. This work shows comprehensive knowledge in structural design and the ability to examine any situation and come up with viable solutions. They have submitted a qualified team. They are located in Lakeland.

A total of 4 firms submitted qualifications for this project. Other firm submitting:

Smith Seckman Reid, Inc.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Health Science Center (Mechanical)
UT Health Science Center (Memphis)
SBC 540/013-03-2015
Category: Minor
Total Budget: \$260,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Health Science Center from November 1, 2015 through October 31, 2016.

Architectural	\$60,000	Mechanical	\$65,000	Electrical	\$50,000
Environmental	\$35,000	Structural	\$20,000	Landscape	\$30,000

1. OGCB, Inc.

The projects listed include open-end contracts for UT Health Science Center for both mechanical and electrical service as well as a project of building improvements on the campus. They are familiar with the campus and have worked well with the staff. The highlighted project engineers have worked on the projects listed and are experienced. They are located in Memphis.

2. Barham / Cain / Mynatt, Inc.

This firm has worked on major projects for the UT Health Science Center campus which range from typical maintenance projects through intense mechanical designs for biocontainment labs. The staff proposed are seasoned professionals. They are located in Memphis.

3. Allen & Hoshall, Inc.

Relevant experience includes work as an ongoing contractor for other state agencies as well as work done for another higher education facility. Work for these projects are similar to the qualifications that will be needed to perform work on this contract. They have listed a qualified staff for all disciplines needed. They are located in Memphis.

A total of 9 firms submitted qualifications for this project. Other firms submitting:

- Advanced Energy Engineering and Design, Inc.
- A2H, Inc.
- HNA Engineering
- JMW Engineering, Inc.
- Smith Seckman Reid, Inc.
- Thompson Engineers, Inc.



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Office of Capital Projects

Designer Recommendation

September 11, 2015

Project: Professional Consulting Services UT Health Science Center (Landscape)
UT Health Science Center (Memphis)
SBC 540/013-03-2015
Category: Minor
Total Budget: \$260,000.00
MACC: \$0.00

This project will provide the following professional consulting services for the University of Tennessee at Health Science Center from November 1, 2015 through October 31, 2016.

Table with 6 columns: Architectural (\$60,000), Mechanical (\$65,000), Electrical (\$50,000), Environmental (\$35,000), Structural (\$20,000), Landscape (\$30,000)

1. A2H, Inc.

Project experience provided covers work with both city and private organizations. Each vary on scope and design tasks which shows their ability to adjust to any project that might arise from this contract. Team submitted have all worked on the project examples given and are qualified. They are located in Lakeland.

2. Barge, Waggoner, Sumner, and Cannon, Inc.

This firm has cited previous projects with UT and one for a redevelopment of a community in Memphis. This latter project was completed in multiple phases. Project team is knowledgeable and experienced. They are located in Memphis.

3. Ross/Fowler, P.C.

They have given relevant project experience which covers work with UT Health Science Center, UT Chattanooga, and a private organization. Work submitted shows their ability for master planning as well as conceptual design through construction administration. They are a qualified firm who have many years of experience. They are located in Knoxville.

A total of 4 firms submitted qualifications for this project. Other firm submitting:

W.M. Whitaker & Associates landscape architects

DESIGNER EVALUATION SUMMARY

Project: Physical Security Upgrades – Mountain View Youth Development Center

Agency: Children's Services

Category: Minor

SBC Number: 144/013-01-2015

Project Approval Date: 06/11/2015

Total Project Budget: \$ 1,500,000.00

MACC (Maximum Allowable Construction Cost): \$ 1,144,000.00

Designer Fee: \$ 101,968.00

Project Description: The project will require the design and installation of a smoke evacuation system from 8 housing units to support an “Institutional” classification. The project will provide exhaust fans, interlocks with HVAC equipment, and any housing unit modification to accommodate ductwork.

<u>Ranking</u>	<u>Recommendation</u>
1)	Engineering Services Group, Inc. (ESG) – ESG provided a clear and concise statement of qualifications that demonstrated that their previous project experience aligns with the requirements of this project. Proposed project team’s experience and qualifications also closely align with the project. The Firm’s proximity to the site and familiarity with the area would enable them to provide prompt and expedient service through duration of the project.
2)	I. C. Thomasson Associates, Inc. – Firm’s response indicated that previous experience on similar projects aligns with needs of this project. Team is well qualified to complete work of this project. The firm has experience working at this facility.
3)	West Welch Reed, Inc. – Firm has experience working in detention type facilities, but appears to lack experience on projects with similar size to this project. Proposed project approach showcased familiarity with designing smoke removal systems, but appeared to lack specific detail.

Other Firms Submitted: None

Date: 9/14/2015

DESIGNER EVALUATION SUMMARY

Project: State Veterans Home Parking Expansion – Veterans Nursing Home (Murfreesboro)

Agency: TN State Veterans Home Board

Category: Minor

SBC Number: 680/003-01-2015

Project Approval Date: 07/09/2015

Total Project Budget: \$ 270,000.00

MACC (Maximum Allowable Construction Cost): \$ 206,136.00

Designer Fee: \$ 21,657.34

Project Description: Project provides for improvements to the existing parking lots to include 50 additional parking spaces, grading, drainage, landscaping and lighting.

<u>Ranking</u>	<u>Recommendation</u>
1)	Environmental and Civil Engineering Services, Inc. - ECES's project approach was very thorough and well thought out. Their team makeup includes survey and geotechnical firms. It is clear that they understand the needed resources to properly deliver this work.
2)	Barge Cauthen & Associates, Inc. - BC&A's project approach is much generalized and suggests minimum thought on how the work will be completed. It appeared that BC&A had a very heavy workload which could increase the risk of on-time delivery.
3)	N/A

Other Firms Submitted: None

DESIGNER EVALUATION SUMMARY

Project: Cooling Tower Replacement – Andrew Johnson and Davy Crockett Towers

Agency: General Services

Category: Minor

SBC Number: 529/000-07-2012-02

Project Approval Date: 05/13/2015

Total Project Budget: \$ 600,000.00

MACC (Maximum Allowable Construction Cost): \$ 495,000.00

Designer Fee: \$ 47,653.00

Project Description: Disconnect and remove the existing Cooling Towers in Andrew Johnson and Davy Crockett. Install new Energy Efficient Cooling Towers, plates and frame. Make necessary piping connections and modifications to alleviate pump cavitation issues, re-insulate piping and make electrical connections to connect to Variable Frequency Drives (VFD) and Retro-commissioning. All related work to be included.

ANSI Energy Engineering firms located in the middle Tennessee Region are preferred. LEED certified and/or ANSI Certified Energy Managers (CEM) specializing in Mechanical systems preferred.

<u>Ranking</u>	<u>Recommendation</u>
1)	Smith Seckman Reid, Inc. – Based on the submitted qualifications and experience, this firm is indeed capable of successfully completing the requested project. They have successfully completed several similar projects for STREAM over the past 5 years.
2)	N/A
3)	N/A

Other Firms Submitted: None

Date: 9/14/2015

DESIGNER EVALUATION SUMMARY

Project: Arc Flash Studies - Statewide

Agency: General Services

Category: Minor

SBC Number: 529/000-05-2015

Project Approval Date: 09/21/2015

Total Project Budget: \$ 740,000.00

MACC (Maximum Allowable Construction Cost): \$ 605,000.00

Designer Fee: \$ 57,146.26

Project Description: Arc Flash study to determine the condition of incoming power switchgear and distribution infrastructure; fix power switchgear and distribution problems. There are currently 20 state office buildings across the state

<u>Ranking</u>	<u>Recommendation</u>
1)	I. C. Thomasson Associates, Inc. – Their submitted qualifications indicate they are more than qualified to provide the necessary design expertise for this project. They have prior electrical switchgear and distribution experience. They also have numerous years of experience doing this type of engineering.
2)	N/A
3)	N/A

Other Firms Submitted: None