

North Carolina State University
Engineering Building - Oval
Building Envelope Commissioning
Project Summary
January 23, 2017

Project Description

Engineering Building Oval (EBO) is the fourth in a series of engineering buildings on the Centennial Campus precinct, which will complete the College of Engineering's (COE) presence on The Oval. This project accommodates the moves of Fitts Industrial and Systems Engineering (ISE), Civil, Construction and Environmental Engineering (CCEE), and the Dean's Administration from the North Campus precinct to further unify the college and promote opportunities for synergies and collaboration. The building will support broad initiatives in the areas of: advanced materials and manufacturing; robotics and sensor technology; service sector engineering; critical infrastructure and security; transportation and logistics; and energy and environmental systems.

The 220,000 GSF, four-story structure will include laboratories, classrooms, and offices. Building plans will incorporate modular principles that allow for future programmatic changes. Office and research space will promote interaction and collaboration among faculty, students, and staff. As a teaching tool, the design and construction will integrate and visually demonstrate sustainability and engineering components in all aspects, including the roof, building envelope, structure, and environmental systems.

Project Funding

The project budget of \$137 M includes all construction and soft costs for the building, infrastructure, and structured parking.

Project Scope

The University seeks the professional service of a Building Envelope Commissioning Agent (BE-CxA) to join the team in the design development phase to provide services for the project through design, construction and post acceptance. Commissioning services will be provided as defined by the latest State Construction Office manual, guidelines and checklists.

Project Schedule

Advertisement:	January 24, 2017
Pre-Submittal Meeting:	February 1, 2017.....2:00PM
RFQ Due:	February 14, 2017.....5:00PM
Rank Order Created	February 20, 2017
Selected Firm Notified	February 27, 2017
Pre-proposal Meeting	March 3, 201711:00AM
Fee Proposal Due	March 14, 2017
Design Phases	Current – August 2018
Construction Phase	August 2018 – June 2020

Qualifications

The BE-CxA must be a registered engineering firm in the State of North Carolina and the selection process will be based upon qualifications. The BE-CxA must exhibit the basic qualifications outlined in the State Construction Office Building Commissioning Guidelines for Third Party Commissioning. <http://www.nc-sco.com/guidelines.aspx>

Critical Selection Factors

Interested firms can participate in the process by submitting a current SF 330 form and addressing the following in a written proposal. Please note that one hard copy and one electronic copy (CD/DVD/USB Flash Drive) of the proposal is requested. Most of the criteria listed below can be accommodated in sections A-G of the 330 form. Section H can be used for any additional information. The total submittal, including letter of interest, is limited to 26 sheets of paper. Both sides of the sheet may be used for a total of 52 pages. Firms are requested to assure receipt of proposals at address listed below by **5:00 pm, April 14, 2016.**

1. Experience and expertise in the project type being evaluated.
2. Past performance on similar projects
3. Experience in design projects to be part of an existing campus context.
4. Adequate staff and proposed consultant team – qualifications and examples of previous collaborations.
5. Historically Underutilized Business representation in proposed consultant team
6. Current workload and State projects awarded.
7. Proposed design approach or methodology.
8. Recent experience with project cost estimates and schedule adherence.

9. Construction administration capabilities.
10. Record of successfully completed projects without major legal or technical problems.

Contract

The contract will be negotiated with the BE-CxA in two parts. Part one of the contract starts at the beginning of design and ends upon completion of the project bidding process. After the scope and costs for the project are finalized, a second part of the contract would then be executed for the construction and occupancy phases of commissioning. The contract with the BE-CxA will be in the form of an In-House Letter Agreement.

Selection Process

Following the receipt of proposals, a committee will shortlist and rank-order 3 firms and make a recommendation of selection to the University Board of Trustees' Buildings and Property Committee. The selected firm will contract with state through the University and coordinate services with the Capital Project Management Department design and construction PM.

Pre-Submittal Meeting

A Pre-submittal Meeting will be held **February 1, 2017, 2:00PM** in Conference Room 301 of the Admin III Building at 2701 Sullivan Drive on the NC State University campus. Attendance is not mandatory.

In order to offer Commissioning Agent services in the response to this solicitation, the proposer must be licensed as an engineer in the state of North Carolina.

Questions/Proposal Submittal

In order that the selection process be as objective as possible, do not contact members of the Board of Trustees, or any university officials other than the project manager. All questions and project submittals are to be directed to:

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