

North Carolina State University
Plant Sciences
Geotech/Special Inspections/Construction Materials Testing
Project Summary

April 5, 2017

Project Description

The vision for the new Plant Sciences Building is to create a highly collaborative and interactive environment, where researchers from the College of Agriculture and Life Sciences (CALs) and from across the university can build imaginative and far-reaching multidisciplinary partnerships with scientists from government, industry, and regulatory agencies. The goal of these interdisciplinary, research-team partnerships is to find innovative and creative solutions for the grand challenges of agriculture, agribusiness, and plant research, including those regarding food production, sustainability, disease resistance, and climate change.

The building design will promote creativity and collaboration with: open and flexible labs; office clusters that support multi-disciplinary teams; shared, flexible conferencing and seminar spaces; and informal amenity spaces. This five-story building will be 199,000 gross square feet (GSF) comprised of approximately:

- 107,000 GSF of research labs, including an approximately 2,500 ASF core facility with shared equipment for Life Sciences disciplines
- 43,000 GSF of office space,
- 18,000 GSF of corporate lab/office suites,
- 4,000 GSF of hearth/atrium space,
- 3,000 of support space, and
- 5,000 GSF of shared, flexible conferencing space.
- The partial fifth floor will house 19,000 GSF of Biosafety Levels (BSL) 2 and 3 rooftop greenhouses.

Project Funding

The project budget of \$160.2 M includes all construction and soft costs for the building, infrastructure, and structured parking.

Project Scope

The University seeks the professional service of a Geotech/Testing Firm to join the team in the schematic design phase to provide services for the project through design, construction and post acceptance. Geotechnical services will be provided during Schematic Design, and Special Inspections/Construction Materials Testing will be provided as defined by the final Construction Documents approved by NC State and the State Construction Office.

Project Schedule

Advertisement:	April 6, 2017
Pre-Submittal Meeting:	April 13, 20173:00PM
RFQ Due:.....	April 27, 20175:00PM
Pre-Interview Meeting.....	May 17, 20173:00PM
Interviews.....	June 8, 2017 10:00AM – 1:00PM
Pre-proposal Meeting	June 14, 2017 10:00AM
Fee Proposal Due.....	June 21, 2017
Design Phases.....	June 2017 – March 2019
Construction Phase	July 2018 (Approx. early Bid Package) – December 2021

Qualifications

The Geotech/SI/CMT must be a registered engineering firm in the State of North Carolina and the selection process will be based upon qualifications.

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 only one copy 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 and should be limited to ten sheets of paper. Both sides of the sheet may be used. 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 27, 2017.

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 selected firm in two parts. Part one of the contract starts immediately and will execute survey and geotechnical investigation of the project site for use by the designers. After the scope and costs for the project are finalized, a second part of the contract would then be executed for the construction phase services for Special Inspections and Construction Materials Testing. The contract with the selected firm will be in the form of an In-House Letter Agreement.

Selection Process

Following the receipt of proposals, a University Interview Committee, appointed by the Secretary to the University Board of Trustees' Building and Property Committee, will shortlist 3 firms, interview 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 **April 13, 2017, 3:00PM** 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/land surveyor 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:

Mike Kapp, Project Manager
NC State University, Capital Project Management
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