

North Carolina State University
Integrative Sciences Building – STEM
Geotech/Special Inspections/Construction Materials Testing
Project Summary
July 9, 2021

Project Description:

Geotechnical, Construction Materials Testing and Special Inspection services are required for the new The Integrative Sciences Building (ISB-STEM). This building will further the mission of NC State University by providing much-needed STEM (science, technology, engineering, and mathematics) teaching and research space. It will be a catalyst for Transforming the sciences at NC State. Embracing new models for sciences teaching and research, it will integrate STEM education with the grand challenges of society, inspiring new, interdisciplinary approaches to the sciences. This building will exemplify the very best of NC State's values and aspirations. Located in the heart of North Campus, it serves as a crossroads for campus connectivity and student learning. The Integrative Sciences Building will be an inspiring, flexible model for academic and research creativity that is focused on collaboration, discovery, and transfer of knowledge.

The building will be approximately 145,000 gross square feet (GSF) comprised of classrooms, teaching labs, research labs, research core facilities, collaboration/study space, and office space. The research/core facility space will be about 45% of the total space inventory.

Project Funding

The project budget of \$160 M includes all construction and soft costs for the building and infrastructure.

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:	July 13, 2021	
Pre-Submittal Meeting:	July 21, 2021	4:00PM
RFQ Due:	August 12, 2021	5:00PM
Shortlist	August 19, 2021	
Pre-Interview Meeting	August 27, 2021	10:00AM
Interviews	September 2021	
Pre-proposal Meeting	September 29, 2021	1:00PM
Fee Proposal Due	October 13, 2021	
Design Phases	August 2021 – July 2023	
Construction Phase	August 2023 – November 2026	

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 emailed submissions to the Project Manager are requested (rmcwikla@ncsu.edu). 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. Firms are requested to assure receipt of proposals at address listed below by 5:00 pm **August 12, 2021**.

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 include 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 **July 21, 2021, 4:00PM** via Zoom at the following link:

<https://ncsu.zoom.us/j/99929191196?pwd=YjJvaWh1NmZlM3RjeVJrOGMwNFdUZZz09> Attendance is not mandatory.

In order to offer Geotechnical/CMT/SI 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:

Bob Cwikla, Project Manager
NC State University, Capital Project Management
Phone 919-515-6836
rmcwikla@ncsu.edu