North Carolina State University

**Centennial Campus Substation – Reconstruction and Upgrade**

**Project Summary**

**January 24, 2022**

# Project Description

This project reconstructs and upgrades the portion of the Centennial Campus Substation that failed in April 2021. Replacement of the power transformer, 230kV high side bus work and deadend structure, 23kV low side bus work and dip structure, high side circuit switcher, and protection and control circuits. This project will also require coordination with Duke Energy Progress for high side terminations and low side metering.

# Project Scope

The budget of $5,550,000 incorporates design, construction and associated costs.

# Project Site

The project is located at Varsity Drive, in the Centennial Campus Precinct.

**Pre-Submittal Meeting**

A Pre-submittal Meeting will be held on **February 2, 2022** at **11:30 a.m.** via Zoom. The meeting link is: [Zoom Meeting](https://ncsu.zoom.us/j/93272297090?pwd=ZnQ2WE1RY3VkTlgzVHE2UmtpSEhEdz09). Attendance is not mandatory but highly encouraged.

# Project Schedule

Planned completion of the project is June 2024.

**Design Process**

The selected firm will work through the North Carolina State University Office of the University Architect with a building committee that includes user representatives. The process will include normal involvement of the State Construction Office.

**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 p.m. on February 18, 2022**.

1. Experience and expertise with similar projects.
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.
11. A minimum of three references with current contact information.

# Designer 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, interview and make a recommendation of selection to the University Board of Trustees' Buildings and Property Committee.

**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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