

North Carolina State University  
**Lake Wheeler MDF**  
**Project Summary**  
**September 28, 2020**

**Project Description:**

This project constructs a 600 gross square foot, non-combustible building for a future Main Distribution Frame (MDF) telecom installation to bring high speed internet to the Lake Wheeler Road Field Labs for teaching and research. The building requires redundant mechanical systems, an emergency generator and security system, and fire protection systems to protect the integrity of the equipment located inside. The Inwood Road building site will utilize an existing gravel parking lot for access.

The building will be connected to other parts of campus through a fiber-optic network leased through MCNC, a collaborative network backbone supporting research across the state. The new MDF will connect to the Centennial Campus MDF (Partners I) and to the Central Campus MDF on Dan Allen Drive.

**Project Scope**

The budget of \$800,000 incorporates design, construction, fees and associated construction costs.

**Project Site**

The project is located at the corner of Coefficient Road and Inwood Road in the Lake Wheeler Campus Precinct.

**Pre-Submittal Meeting**

A Pre-submittal Meeting will be held on **October 7, 2020** at **3:30pm** virtually via Zoom Meeting. Join the Zoom Meeting with this link and password:

<https://ncsu.zoom.us/j/7885825107?pwd=c29sMzRHTGZEcCtkdUNMemJ4TXJxZz09>

Meeting ID: 788 582 5107

Passcode: **password**

Attendance is not mandatory but highly encouraged.

**Project Schedule**

Planned completion of the project is August 5, 2021.

Designer Shortlist Selection	11/6/20
Designer Interviews	12/10/20
Design Proposal Due	1/14/21
SD/DD Phase -	1/29/21 – 2/26/21
CD Phase -	3/29/21 – 4/30/21
Bid -	8/31/21
Construction NTP	9/28/21
Construction Complete	12/30/21

**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 only electronic copies of the proposal, submitted via email to the Project Manager, are 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 52 pages. Firms are requested to assure receipt of proposals at the email address listed below by **5:00 PM on October 27, 2020**.

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:

Mike Kapp, Project Manager  
mjkapp@NCSU.edu