



Request for Proposal (RFP)

**Construction and Splicing Services for MCNC
864 Fiber Overbuild Project**

**Proposals will be received until May 23, 2025
at 5:00 pm (EST)**

Late proposals will not be accepted or reviewed.

Issued by:

Tommy Jacobson

VP/Chief Operating Officer

MCNC

Street Address: 3021 E. Cornwallis Road, Durham, NC 27709

Issued: **May 1, 2025**

Request for Proposal (RFP)
Construction and Splicing of the 864 Fiber Overbuild Project

RFP Number: 20250430

Project: Construction and Splicing of the 864 Fiber Overbuild Project

Issuing Agency: MCNC
Attention: Tommy Jacobson
3021 East Cornwallis Road
Research Triangle Park, NC 27709

Issue Date: May 1, 2025

Electronic proposals will be received until May 23rd, 2025 @ 5:00 PM EST ("Proposal Due Date") and must be uploaded to the website address outlined in this RFP.

Proposals

On the front page of the electronic Proposal, the responding party (Respondent) must include, the: Project Name (Construction and Splicing of the 864 Fiber Overbuild Project), RFP Number (20250430), and the respondent's contact person's email address and telephone number. See Proposal Requirements, page 9, for more information. In addition to these requirements, each Proposal must be signed by the duly authorized officer or agent of Respondent.

Proposal Signature Page

Each Proposal shall be accompanied by a signed Proposal Signature Page. **See Attachment E.** The Proposal Signature Page requires, in part, that Respondent agree to execute the Construction Agreement and furnish the required performance and payment bonds within ten (10) calendar days after notice of MCNC's award of a Proposal segment to the Respondent. If the successful Respondent executes that Construction Agreement and supplies the required performance and payment bonds within the applicable time period, the Respondent will be the contractor with respect to that particular segment.

Contractor Licensed in North Carolina

Respondents must be a licensed contractor in the State of North Carolina with the appropriate limitation level for completing the work and the ability to secure the required performance and payment bonds. Each Respondent is encouraged to examine the proposed fiber segment(s) to determine the extent of the work involved and the conditions for performing this work. The submission of a Proposal will be construed as a representation by Respondent that such an examination has been made; the Proposal reflects such examination; and that Respondent agrees that no allowance will be made for any error, oversight, miscalculation, or negligence on Respondent's part.

Additionally, a licensed contractor must also be vetted by MCNC in order to perform any fiber or splicing services. Information required for vetting is included in, but not limited to, the RFP

section below entitled “Proposal Requirements” (see page 9). Note: Respondent must provide such information even if Respondent is already a current vendor of MCNC and has such information on file with MCNC.

Notwithstanding the foregoing, it is in MCNC’s sole discretion whether a successful Respondent is required to execute a Construction Agreement or Addendum. Please see **Attachment G** and **Attachment G1** (if applicable) for a draft copy of the Construction Agreement and Addendum, each of which is hereafter referred to as the “Construction Agreement.”

RFP Download and Response Submissions

Non-pricing related proposal requirements are to be submitted via MCNC's "Respond to the Construction RFP" on the web page at the following link:

<https://www.mcnc.org/news/864-fiber-project/864-fiber-projects-rfps/>

This webpage will prompt you to enter contact information. Relevant Construction RFP documents can then be downloaded.

RFP response files must also be uploaded to this secure MCNC server.

Pricing information should be submitted as noted below and as noted in Attachment C - Pricing Guidelines. Other forms of submission will not be accepted nor will submissions given directly to individual staff members.

The non-binding Construction Cost submissions should be submitted separately to the following email address: purchasing@mcnc.org with the subject line 864 Fiber Construction Cost Proposal. Cost Proposals and Response Proposals are due at the same time – no exceptions.

RFP Questions and Answers

All inquiries and questions related to this Construction RFP must be submitted **IN WRITING** to the following email: 864-fiber-construction-rfp@mcnc.org

Questions will be considered to be public and posted, within forty-eight (48) business hours of receipt. Questions with appropriate answers will be posted to:

<https://www.mcnc.org/news/864-fiber-project/864-fiber-projects-rfps/>

The last date for submitting questions shall be 4:00 PM EST, on **May 16, 2025**. Questions received after the questions deadline stated, in this RFP, will not be answered.

Evaluation, Withdrawal and Award

All qualified Proposals will be evaluated and an award may be made, in MCNC's sole discretion, to the Respondent or Respondents whose Proposal or Proposals(s) fulfill the Scope of Work; meet stated budget parameters; contain the Proposal requirements outlined in this RFP; and satisfy the schedule requirements. MCNC reserves the right to select any Proposal deemed to be in the best interest of MCNC. MCNC further reserves the right to reject any or all Proposals and/or to waive any and all technical defects in the execution of and informalities in the submission of any Proposal, if determined by MCNC to be in MCNC's best interest. No Proposal may be withdrawn for ninety (90) calendar days after the Proposal Due Date.

Performance and Payment Bonds

Performance and payment bonds will be delivered to MCNC by the successful Respondent within ten (10) calendar days after notice of the acceptance of the Respondent's Proposal. Such bonds shall be in an amount equal to 100% of the Contract Sum. Please see RFP **Attachment G – Construction Agreement** for additional information. Please pay particular attention to **Article 13 Bonds**.

Payments

Payments under the Construction contract will be made by MCNC no more frequently than on a monthly basis with final payment being within 30 days after satisfactory completion and acceptance by MCNC of all work including completed as-built prints. The awarded vendor may invoice monthly based on discernable progress against the identified tasks that will be inspected by MCNC staff prior to invoice approval.

The quality control approval process must be completed prior to payments being made by MCNC. For additional information on payments see RFP **Attachment G – Construction Agreement**. Pay particular attention to **Article 8 - Payments**.

Construction Liquidated Damages

Work on the entire Project must be completed by **June 22nd, 2026**. Specific dates for completion will be set on a segment-by-segment basis. The Contractor shall pay MCNC fixed, agreed and liquidated damages for each calendar day of delay beyond the completion date stated in approved work orders until the Work is completed. These liquidated damages are \$500 per day for the first fifteen (15) calendar days, and \$1,000 per day for each calendar day thereafter that the Work remains uncompleted, per segment. For additional information on liquidated damages see RFP **Attachment G – Construction Agreement**. Pay particular attention to MCNC's termination rights under **Article 34 - Termination**, as well as **Exhibit N- Project Schedule and Liquidated Damages** to that Construction Agreement.

Construction Agreement and Definitions – All Respondents are responsible for reviewing the sample Construction Agreement associated with this RFP. Any terms not specifically defined in this RFP, shall have the meaning set forth for such terms in the Construction Agreement. See RFP **Attachment G**.

Summary

MCNC is a North Carolina private not-for-profit corporation, who, through its operation of the North Carolina Research and Education Network (NCREN), has a long and outstanding history of providing internet and National Research Network services to community anchor institutions (CAIs) throughout the state. These CAIs include North Carolina's K-12 Public School Units (PSUs), private schools, public and private higher education institutions, and non-profit healthcare providers. NCREN also connects government entities, including the North Carolina Department of Information Technology (NCDIT). MCNC operates NCREN explicitly for the good of the citizens of our state and the institutions we serve. NCREN serves as a critical communications backbone through which North Carolina residents pursue education and access modern healthcare and government services.

Request for Proposal (RFP) – Construction and Splicing of the 864 Fiber Construction Project

The construction under this project will include three (3) segments:

The construction topology will be buried except where the terrain or physical conditions of the cable require aerial. All construction must be completed by **June 22nd, 2026**. The contractor must submit redlines to MCNC no later than **June 22nd, 2026**. The applicable completion date(s) will be included in the Construction Agreement between MCNC and the Contractor.

Scope of Work

All fiber construction and fiber splicing practices shall be in compliance with National Electrical Safety Code ("NESC"), American National Standards Institute ("ANSI"), and railroad specifications. Please refer to **Appendix C** and **Appendix F** for details and maps.

The construction is expected to take place within the North Carolina Department of Transportation Right of Ways. All North Carolina Department of Transportation ("NCDOT"), municipalities, railroad permits, easements, and rights-of-way will be obtained by MCNC. Construction permits and privilege licenses shall be obtained by the Contractor, as well as all required railroad and DOT bonds and insurance.

The following is a list of proposed segments with approximate distances:

Segment 1-Charlotte to Hamlet

426,379 ft (80.75 miles)

- Route 1 – SC1 Charlotte to Polkton → 254,182 ft (48.14 miles)
- Route 2 – SC2 Polkton to Hamlet → 172,197 ft (32.61 miles)

Segment 2-Hamlet to Wilmington

819,392 ft (155.19 miles)

- Route 3 - SC3 Hamlet to Pembroke → 192,259 ft (36.41 miles)
- Route 4 - SC4 - Pembroke to Whiteville → 207,714 ft (39.34 miles)
- Route 5 - SC5 Whiteville to Bolivia → 264,114 ft (50.02 miles)
- Route 6 - SC5 cont'd Bolivia to Wilmington → 155,305 ft (29.41 miles)

Segment 3-Hamlet to Raleigh

610,561 ft (115.64 segment miles)

- Route 7 - RH2 Hamlet to Sanford → 318,308 ft (60.29 miles)
- Route 8 - RH1 Sanford to Raleigh → 292,253 ft (55.35 miles)

Total: 1,856,332 ft (351.58 miles)

Finalized construction drawings will be provided for each segment prior to commencement of the work.

Respondents must respond to construction and splicing elements. There will be no future RFP released for splicing only.

Instructions to Responders

With regards to materials, Contractors will be provided a sufficient amount of materials for fiber, conduit, couplers, splice enclosures, handholes, grounding rods, test stations, and marking posts to complete each segment. Respondents must identify any additional materials required by using the chart in RFP **Attachment A - Construction Costs**. Any overages on fiber above ten percent (10%) shall be the responsibility of the Contractor, as will all losses or damages to materials. See RFP **Attachment G**. Pay particular attention to **Article 3 - The Work**.

- Fiber Cable Placement Requirements- **See Attachment C**
- Materials - Contractors must be able to receive direct shipments of outside plant related materials e.g. fiber, handholes, marker posts, etc. within 30 days of signing the awarded Construction Agreement. Materials must be stored in an MCNC approved secure facility and will be the responsibility of the awardee until the segment has been constructed and accepted by MCNC.
- Aerial Construction - Contractor shall provide all hardware to lash cable in place and set anchors in all required locations (**See Attachment C**)
- Fiber Splicing - please see **Attachment B - Fiber Splicing Costs for Segment Builds** in this RFP.
- Handhole Requirements - All handholes placed inside the public right-of-way must meet all standards for traffic loading. Handholes must be a minimum of 30" x 48" x 36". Handholes shall be placed on a gravel bed consisting of 6" of pea gravel. Handholes placed along NCDOT right-of-way shall be Tier 22 rated. All handholes and lids shall comply with the NESC for loading. Handholes shall not be installed on steep banks or slopes where the cover cannot be leveled within a tolerance of one inch (1") of drop to twelve inches (12") of grade. Placement locations will be provided in the Contract documents.
- When called out in the Contract documents, 5/8" (inch) X 8' (foot) ground rods will be required to be installed. Installation of the grounding rod will be the responsibility of the fiber installation company.
- Testing – It is recommended that Contractor test the fiber (on reel) before installation to ensure that fiber was not damaged in shipment as the Contractor is responsible for cable and fibers within it until accepted by MCNC. Testing of completed construction will be as addressed in this RFP - **Attachment C**.
- Pricing – The Respondent shall provide pricing that includes all labor and miscellaneous materials and expenses to complete the project as defined in this RFP. Please see **Attachment C** for more details.

- Contractors will be required to provide MCNC a **Daily Crew Location Report**. Access to these fillable forms will be shared with the awardee. See **Attachment H** for sample copy.

Changes

MCNC reserves the right to modify or change any information presented in this RFP as more information becomes available.

Confidentiality

MCNC will take reasonable precautions to hold Respondent information confidential.

Proposal Requirements

Proposals should be organized in the same sequence as this RFP with responses referencing the appropriate corresponding RFP item(s). Vendors should respond to each item at the level of detail at which each is presented or list a variance with a particular item and propose alternate terms and, as applicable, supply any supportive detail. Responses not conforming to the proper format or failure to respond to all items in this RFP may result in a Vendor's disqualification and/or rejection of the proposal, at the discretion of MCNC.

1. Respondent company information, including a full description of all experience in developing broadband networks in competitive markets, with specific attention to completed projects in North Carolina.
2. Respondent's representative name, telephone number, and email address on the cover page for any proposal follow up.
3. A copy of all of the Respondent's North Carolina licenses.
4. The current status of all projects being performed by the Respondent.
5. Biographical information on the members of the team proposed to be assigned to this Project, including related work experience.
6. A list of references of related work, including contact information/references.
7. Quality control methodology.
8. Audited financial statements for the past two (2) years (or equivalent financial data).
9. Detailed information related to any pending lawsuits or legal actions instituted against the Respondent.
10. Construction Safety records for the past five (5) years.
11. The Vendor is expected to provide project management of this project and report weekly progress against a submitted project timeline and project plan, in an acceptable format. Vendor must provide a narrative describing Respondent's project management procedures and its proposed reporting process to MCNC.
12. Respondents must identify any conflicts of interest that may arise from work performed for MCNC.
13. Fee structure, including the following:
 - a) Contract Sum for Project proposal for the exact Scope of Work described in this RFP.
 - b) Additional sums for any alternatives proposed, including tasks that Respondent believes are critical for satisfying the intent of this RFP.
 - c) Hourly unit rates for additions, including any presentations not already included in the Contract Sum, as requested by MCNC.
14. Proof of commercial general liability, automobile liability, worker's compensation/ employer's liability and commercial umbrella with the limits described in the Contractor's Responsibilities below.
15. Other information that Respondent considers relevant in the evaluation of its Proposal.

Authorized Signature

Proposals must contain the signature of the duly authorized officer or agent that is empowered with the right to bind the Respondent. Print, sign, and return the RFP **Attachment E - Proposal Signature Page** with this Proposal.

Effective Period of Proposals

All Proposals and related pricing shall be valid for a minimum period of ninety (90) calendar days following the Proposal Due Date.

Contractor Responsibilities

The selected Contractor shall purchase and maintain insurance of the following types of coverage and limits of liability as well as and any permit insurance coverages as specifically required:

- **Commercial General Liability** ("CGL") with limits of insurance of not less than \$1,000,000 Each Occurrence and \$5,000,000 Annual Aggregate.
 1. If the CGL coverage contains a General Aggregate Limit, such General Aggregate shall apply separately to each Proposal.
 2. CGL coverage shall be written on ISO Occurrence form CG 00 01 (10/93) or a substitute form providing equivalent coverage and shall cover liability arising from Premises, Operations, Independent Contractors, Products-Completed Operations, and Personal and Advertising Injury.
 3. MCNC and all other parties required of the Contractor and/or MCNC, shall be included as "Additional Insureds" on the CGL, using ISO Additional Insured Endorsement CG 20 10 (11/85) or CG 20 10 (10/93) **AND** CG 20 37 or CG 20 33 **AND** CG 20 37 or an endorsement providing equivalent coverage to the Additional Insureds. This insurance for the Additional Insureds shall be as broad as the coverage provided for the Named Insured. It shall apply as Primary and Non-Contributing Insurance before any other insurance or self-insurance, including any deductible, maintained by, or provided to, the additional insured.
 4. Contractor shall maintain CGL coverage for itself and all Additional Insureds for the duration of the applicable project segment Construction Agreement and maintain Completed Operations coverage for itself and each Additional Insured for at least three (3) years after completion of the Work.
- **Railroad Liability and/or Railroad Protective Insurance**

In such limits as may be required by each railroad entity.
- **Automobile Liability**
 1. Business Auto Liability with limits of at least \$1,000,000 each accident.
 2. Business Auto coverage must include coverage for liability arising out of all owned, leased, hired and non-owned automobiles.
 3. MCNC and all other parties required of MCNC shall be included as Insureds on the Automobile Liability policy.

- **Commercial Umbrella**

1. Umbrella limits must be at least \$5,000,000.00
2. Umbrella coverage must include as Insureds all entities that are Additional Insureds on the CGL.

- **Workers Compensation and Employers Liability**

1. Employers Liability Insurance limits of at least \$500,000 Each Accident, \$500,000 each employee for Injury by Disease and \$500,000 Aggregate for Injury by Disease.
2. Where applicable, U.S. Longshore and Harborworkers Compensation Act Endorsement shall be attached to the policy.
3. Where applicable, the Maritime Coverage Endorsement shall be attached to the policy.

Professional Liability Insurance

1. Professional Liability (E&O) with limits of at least \$1,000,000 each incident
2. Professional Liability coverage must include coverage for claims arising out of failure to deliver, financial losses, negligence, or construction errors or oversights for service performed under the construction agreement.

Environmental/Pollution Liability Insurance

1. Environmental/Pollution Liability with limits of at least \$1,000,000 per occurrence and \$2,000,000 aggregate
2. Environmental/Pollution must cover claims arising out of the use application of chemicals/herbicides as well as the negligent release of hazardous materials.

Waiver of Subrogation

The Contractor agrees to waive all rights against MCNC and MCNC's project manager(s), agents, officers, directors and employees for recovery of damages to the extent these damages are covered by commercial general liability, professional liability commercial umbrella liability, business auto liability or workers compensation and employers liability insurance maintained per requirements stated above. Any Subcontractor's Workers Compensation policy will be required to have a "Waiver of Right to Recover from Others" Endorsement with Contractor, MCNC and their project manager(s), agents, officers, directors and employees.

Contractor shall furnish MCNC with a Certificate of Insurance, evidencing that such insurance is provided and is in full force and effect before starting work and, at any other time requested by MCNC. Insurance documents should be submitted with the signed Construction Agreement. Attached to each Certificate of Insurance shall be a copy of the Additional Insured Endorsement that is part of the Commercial General Liability Policy. All of said Certificates shall set forth on the face thereof contractual coverage as required herein. No amendment or cancellation of any of said policy shall be effective until after 30 calendar days notice, in writing, to MCNC. The failure of the Contractor to supply Certificates evidencing full compliance with the requirements of the provision shall not abrogate its duty to provide and maintain the required insurance, including, but not limited to, the naming of MCNC as an Additional Insured.

Final Decision/Right to Reject

Respondents assume all costs and risks associated with any submission of a Proposal. MCNC reserves the right, after opening a Proposal or at any other point during this process, to:

1. Reject any or all Proposals.
2. To modify, amend, or cancel this RFP.
3. To modify or postpone the engagement for the Work.
4. Accept one or more Proposals that in MCNC's sole judgment are in the best interest of MCNC.
5. Select no Proposals at all.

Small and Minority Businesses, Women's Business Enterprises, and Labor Surplus Area Firms

Pursuant to 2 CFR § 200.321, Vendors must take all necessary affirmative steps (as described in 2 CFR § 200.321) to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

Anticipated Event Dates

- **RFP advertised and issued: May 1, 2025**
- **Last date for questions related to RFP: May 16, 2025**
- **Proposals due: May 23, 2025**
- **RFP Evaluations completed by: June 4, 2025**
- **Interviews with Short-Listed Vendors no later than: June 11, 2025**
- **Award and Letter of Intent for Contract no later than: June 16, 2025**
- **Contract finalized within 10 days of the award: June 26, 2025**
- **Project completion no later than: June 22, 2026**
- **Redlines due from contractors no later than: June 22, 2026**

Selection Process

MCNC will review the proposals based solely on a modified Qualifications Based Selection (QBS) or QBS process as outlined in the Qualifications Evaluation Criteria set forth later in the RFP. MCNC will select up to three finalists based on QBS principles and specific responses to RFP questions. If vendor(s) are chosen as a finalist, the non-binding cost submissions, delivered under separate cover (see Proposal Requirements #5 below) from these potential Vendors will be opened and reviewed. During a potential interview stage, non-binding cost estimates will be discussed. After the interview process, MCNC will select a Vendor and begin negotiations with the Vendor. If MCNC cannot finalize negotiations successfully with the selected Vendor, the next highest-ranking Vendor will be contacted, and negotiations will begin. The process will continue until a mutually agreeable contract is finalized between MCNC and the selected Vendor.

Qualifications Evaluation Criteria

The MCNC evaluation team will assess each submitted proposal and rank the proposal according to the following point system:

<i>Category</i>	<i>Maximum Points</i>
General Qualifications: Quality of response to the RFP requirements, company history and background, financial stability of the firm to support scope of work.	15
Firm Qualifications, Expertise and Experience: Depth and breadth of experience of the firm in providing similar services (including right-of-way and environmental permitting and assessments), and socioeconomic considerations.	25
Proposed Project Team: Key personnel qualifications and relevant experience, equivalent projects and services, client references, and existing client workload and team commitments.	25
Proposed Services, Pricing & Project Approach: Proposed approach to the major tasks and time schedule described in the RFP, proposed overall pricing of the project, and any “value-added” solutions deemed by MCNC to be feasible and potentially benefiting the Program.	35
Total Possible Points:	100

General Terms and Conditions -- Professional Services Contracts

Compliance with Laws

The Vendor must, in performance of work under the contract, fully comply with all applicable federal, state, or local laws, rules and regulations. Any subletting or subcontracting by the Vendor subjects the subcontractors to these same provisions.

Construction Agreement

MCNC has provided sample copies of the **Construction Agreement (Appendix G)** and the **Construction Agreement Addendum** (if applicable) that the Respondent must execute within ten (10) calendar days after notice of MCNC's acceptance of a Proposal. Respondent is responsible for reviewing these Construction Agreements prior to submitting its Proposal. Except for any exceptions clearly identified in Respondent's Proposal, Respondent's submission of a Proposal and execution of the Proposal Signature Form shall indicate Respondent's acceptance of the terms of the Construction Agreement.

Costs Borne by Respondent

MCNC will not pay for any information requested herein and is not liable for any costs incurred by Respondent in responding to this RFP.

Ownership Rights and Disclosure of Information

All Proposals submitted become the property of MCNC. Proposals will not be returned and may be subject to the requirements of the Freedom of Information Act and/or the North Carolina Public Records Act. Pricing and other information that is an integral part of the Proposal cannot be considered confidential.

MCNC reserves the right to use any and all concepts presented in any Proposal to obtain the most beneficial and effective path to achieving its desired goals for the Project. Selection or rejection of a Proposal shall not affect this right. All Proposals meeting the RFP criteria will be evaluated and, at MCNC's sole discretion, an award made to the Respondent or Respondents who demonstrate the best ability to satisfy the Scope of Work in the timeliest and cost-effective manner.

Conflict of Interest

Respondents must identify any conflict of interest that may arise from work performed for MCNC. MCNC reserves the right:

1. To disqualify any Respondent or reject any Proposal at any time solely on the grounds that a real or perceived legal or policy conflict of interest is presented;
2. To require the Respondent to take any action or supply information necessary to remove the conflict; or
3. To terminate the Construction Agreement or any other contract arising from this solicitation, if any such relationship would constitute or have potential to create a real or perceived conflict of interest that cannot be resolved to MCNC's satisfaction.

No Gifts and Gratuities Policy

MCNC's Code of Ethics policy has a strictly enforced requirement that MCNC and its staff are prohibited from accepting any favors or gratuities from contractors, potential contractors, sub-agreement parties, or from anyone that could potentially be involved in any aspect of MCNC's business.

Attachment A - Fiber Construction Costs

Using the table below (Excel file attached) as a guide, respondents should include their per foot costs for installation. Note: All road distances may vary slightly. Composite pricing is expected to include all costs for completion of the system (i.e. fiber placement, handhole placement, marker/test station placement). Splicing costs should be included in **Attachment B**.

Segments and Routes	Route Miles	1) Composite labor Price for Proofing existing conduit & Fiber placement (Cost Per Foot)	2) Composite labor Price for placing & grounding Handholes (each)	3) Composite labor Price for placing Marker Posts w/ locate tie-ins (each)	4) Composite Price for existing Conduit Dig Up & Repair	5) Composite Price for Aerial Placement labor (overlash to existing strand)
Sample Data		\$/ft	\$/ea	\$/ea	\$/ea	\$/ft
S1- Route 1-Charlotte to Polkton	48.14					N/A
S1- Route 2-Polkton to Hamlet	32.61					N/A
S2- Route 3-Hamlet to Pembroke	36.41					N/A
S2-Route 4-Pembroke to Whiteville	39.34					N/A
S2-Route 5-Whiteville to Bolivia	50.02					N/A
S2-Route 6-Bolivia to Wilmington	29.41					N/A
S3-Route 7- Hamlet to Sanford	59.53 UG/ 3,976 ft Aerial					
S3-Route 8-Sanford to Raleigh	55.35					N/A

<https://www.mcnc.org/news/864-fiber-project/864-fiber-projects-rfps/>

Attachment B - Fiber Splicing Costs for Segment Builds

For composite pricing in the format below, please refer to the Splicing and Testing requirements provided in **Attachment C** for guidance

Segments and Routes	Composite Fiber Splicing and Bi-Di Testing (Cost Per Ribbon Splice)	Pricing for additional Highly detailed Fiber characterization test package (cost per Route-as per Attachment C)
Sample Data	\$/ribbon (24)	\$XX,XXX/route
S1- Route 1-Charlotte to Polkton		
S1- Route 2-Polkton to Hamlet		
S2- Route 3-Hamlet to Pembroke		
S2- Route 4-Pembroke to Whiteville		
S2- Route 5-Whiteville to Bolivia		
S2- Route 6-Bolivia to Wilmington		
S3- Route 7- Hamlet to Sanford		
S3- Route 8-Sanford to Raleigh		

<https://www.mcnc.org/news/864-fiber-project/864-fiber-projects-rfps/>

Attachment C – 864 Fiber Construction, Splicing and Testing Guidelines
(Line-Item Details)

<https://www.mcnc.org/news/864-fiber-project/864-fiber-projects-rfps/>

Attachment D - Anticipated Segment Completion Dates

Below are the anticipated start dates MCNC anticipates construction can begin based on contract execution and permit receipt. Respondents should provide an estimated completion date that is no later than **June 22, 2026**.

Segment	Probable Start Date	Contractors Committed Date for Completion (Including Testing Package with Redlines)
Segment 1-Charlotte to Hamlet	July 28th, 2025	June 22, 2026
Segment 2-Hamlet to Wilmington	July 28th, 2025	June 22, 2026
Segment 3-Hamlet to Raleigh	July 28th, 2025	June 22, 2026

<https://www.mcnc.org/news/864-fiber-project/864-fiber-projects-rfps/>

Attachment E - Proposal Signature Page

In responding to this RFP, the undersigned Respondent agrees to provide work in accordance with the Contract Documents. **Note:** The representations herein are made under penalty of perjury.

Respondent hereby certifies that:

- This Proposal was not made in the interest of or on behalf of any undisclosed person, partnership, association or corporation.
- This Proposal is genuine and not collusion or sham; and that Respondent did not, directly or indirectly, induce or solicit anyone else to submit a false or sham proposal.
- Respondent has not, directly or indirectly, by agreement, communication or conference with anyone attempted to induce action prejudicial to the interest of MCNC, or any other Respondent or anyone else interested in the Project.
- Respondent did not, in any manner, directly or indirectly, seek by agreement, communication or conference with anyone to raise or fix any overhead, profit, or cost element of this Proposal, or that of anyone else's Proposal.
- Neither this Respondent nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction or from submitting a proposal on contracts by any federal or state department or agency.
- If Respondent's Proposal is successful, Respondent will within ten (10) calendar days after notice of acceptance of the Proposal by MCNC, execute the Agreement and furnish the required performance and payment bonds.

Respondent hereby offers to perform the above work for MCNC at the price(s) shown and under the terms and conditions printed hereon, attached hereto or referenced herein.

Respondent: _____

Address: _____

By: _____

Printed Name: _____

Telephone #: _____

Title: _____

Fax #: _____

Date: _____

E-mail: _____

Web Page: _____

<https://www.mcnc.org/news/864-fiber-project/864-fiber-projects-rfps/>

Attachment F - Segment Descriptions and Maps

Segment Descriptions

The routes and segments have been identified throughout this RFP document. They are described in further detail in the documents below, including maps. These are downloadable from the RFP page on the MCNC website at:

<https://www.mcnc.org/news/864-fiber-project/864-fiber-projects-rfps/>

Appendix F1 - 864 Overview Map.pdf

Appendix F2 - S1-1 Sample Package For Construction 4-25-2025.PDF

Appendix F3 - Duralite_3048_Unit... Spec sheet.pdf

Appendix F4 - TLS-DS-A-314-0424_288-864 RICT...Cable Spec sheet

Appendix F5 - HH 864 Loop placement.pdf

Appendix F6 - MCNC 864 Fiber Construction & Splicing RFP Segments and Routes.pdf

Appendix F7 - MCNC 864 Overbuild Charlotte to Raleigh to Wilmington. Kmz

**Attachment G - Sample Construction Agreement and
Addendum to Design-Build Master Agreement**

The Sample Construction Agreement and the Addendum are available with the other Construction RFP materials located on the MCNC website and available upon registration confirmation at:

<https://www.mcnc.org/news/864-fiber-project/864-fiber-projects-rfps/>