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**DATE: 8/31/2023**

**PROPOSAL SUBMITTED TO:**

Nick Haffele/Chatham County

**PROPOSAL SUBMITTED FROM:**

Tony R. York

Performance Cabling Technologies, Inc.

PO Box 757

Asheboro NC 27204

**PROPOSAL NUMBER: 12616-0 96 Strand SM from Pittsboro to Siler City**

**Scope of Work**

- PCT has partnered with a civil permitting company to obtain all NCDOT, State and local ROW encroachments required to obtain the NC DOT 16.1 or 16.2 permits.
- PCT is proposing to install a total of 3 x 1.25" ducts, at a depth of 24" deep along the entire route, from the existing hand hole located near the Duke Power pole on Hwy 64 at Renaissance Dr. going down Hwy 64 on the westbound side to the EOC backup center in Siler City. See the attached google earth image for the details. (Red Line)
- PCT will provide and install (2) 35ft class A poles at the Rocky River and run ¼" strand and lash the fiber. Each pole will have a down guy anchor installed to support the weight of the attachment. Chatham CO will own these poles.
- PCT will provide and install approx. (70) new 17x30x24 hand holes rated at tier 22 per the NCDOT requirements.
- PCT will provide and install (1) 14-gauge green THHN stranded copper tracer wire and 1200lb rated mule tape in the new pathway for future use.

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Performance Cabling Technologies, Inc.  
Po Box 757  
Asheboro, NC 27204

Phone: 336.633-7695  
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Email: tony@pct.cc

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- PCT will call NC 811 prior to work beginning and verify the 811 locates are good before boring. These will be maintained during construction.
- PCT will provide and install (1) 96-strand lite armored SM outside plated rated fiber optic cable. The cable will be terminated with LC style SM factory pigtailed at the Siler City EOC and splice in existing case in Pittsboro.
- PCT will terminate 48 strands of fiber at the Siler EOC end of the 96-strand cable and test bi-directional with an OTDR the 48-strand fiber, and label fiber on each end.
- PCT will splice 48-strand of the new 96-strand cable at the corner of Renaissance Drive and HWY 64, in an existing hand hole, in an existing splice closure.
- PCT will test with an OTDR and provide 48 bidirectional OTDR test by email in PDF format.
- PCT will provide a 1-year warranty on all labor and materials to be free of defect.
- PCT can provide a Manufacturer NPI Corning warranty and provide a 25-year manufacturer warranty through the NPI program at Corning to the customer.

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Fiber Optic Cable And Pathway	Qty	unit	EXT Unit Price	Ext Price
96 Strand SM fiber	70000	Per Ft	\$ 1.04	\$ 72,450.00
Pole 35 foot	2	Each	\$ 575.00	\$ 1,150.00
Strand 1/4	250	Feet	\$ 0.92	\$ 231.00
Guy Guad	4	Each	\$ 19.35	\$ 77.40
goat head	4	Each	\$ 33.00	\$ 132.00
dead end Preform	4	Each	\$ 10.75	\$ 43.00
lash wire	1	Each	\$ 106.95	\$ 106.95
Down Guy Acher	2	Each	\$ 73.60	\$ 147.20
Three Pull 1 1/4 inch	60000	Per Foot	\$ 0.94	\$ 56,580.00
Fiber Optic ISP Termination and Splicing Materials	Qty	Unit	Ext Unit Price	Ext Price
Fiber all in one Cassettes	2	Each	\$ 690.00	\$ 1,380.00
Fiber Box	1	Each	\$ 230.00	\$ 230.00
Marker Post	70	Each	\$ 48.30	\$ 3,381.00
Fiber Optic OSP Splice Enclosures & Trays	Qty	unit	EXT Unit Price	Ext Price
Splice Case	10	Each	\$ 474.50	\$ 4,745.00
Splise Trays	20	Each	\$ 26.00	\$ 520.00
Entry & PVC Materials	Qty	unit	EXT Unit Price	Ext Price
2 inch PCV Pipe	30	Per Foot	\$ 6.50	\$ 195.00
90 % fitting	2	Each	\$ 10.40	\$ 20.80
2 Inch Coupler	2	Each	\$ 5.53	\$ 11.05
Box Conector 2 Inch	1	Each	\$ 6.83	\$ 6.83
Stand off 2 inch	9	Each	\$ 3.06	\$ 27.50
MISC.	Qty	unit	Ext Unit Price	Ext Price
Tracer Wire	60000	per FT	\$ 0.29	\$ 17,160.00
Mule Tape	12	per reel	\$ 224.90	\$ 2,698.80
17x30x24 Hand Hole	70	Each	\$ 494.00	\$ 34,580.00
Tape	10	Each	\$ 2.60	\$ 26.00
wire ties	1000	Each	\$ 0.21	\$ 208.00
Fire Stop	2	Each	\$ 41.60	\$ 83.20
Drill Mud Chemicals	1	Lot	\$ 2,600.00	\$ 2,600.00
<b>TOTAL MATERIALS</b>		CT Material	Material Co	\$198,790.72

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Horizontal Distribution Labor	QTY	Unit Price	Total
Bore 3 Pull 1.50 SDR 13.5 duct	60000	\$ 11.00	\$ 660,000.00
ROCK ADDER for 3 x 1.5" Ducts	0	\$ 45.00	\$ -
Pole Install	2	\$ 1,200.00	\$ 2,400.00
Optical Backbone Installation & Termination Labor	QTY	Unit Price	Total
Place the fiber cable in the 1.25 duct per foot price to install both the 96 per foot	70000	\$ 0.55	\$ 38,500.00
Underground Set up and tear Down OSP	18	\$ 150.00	\$ 2,700.00
Fusion Splice 1 strand	960	\$ 29.00	\$ 27,840.00
Test with an OTDR per strand bi-directional	48	\$ 10.00	\$ 480.00
Install a new splice case	18	\$ 150.00	\$ 2,700.00
Install a 24 strand Corning Factory Cassette - prep cable in Box and splice per 24 strand coupler each	2	\$ 150.00	\$ 300.00
Hand Holes and Marker Post Installation	QTY	Unit Price	Total
Install a 17x30 hand hole	70	\$ 250.00	\$ 17,500.00
Set a fiber optic marker post	70	\$ 25.00	\$ 1,750.00
<b>Grand Total for the Quoted Labor</b>			<b>\$ 754,170.00</b>

**Labor:           \$ 800,970.00**  
**Materials:      \$ 198,790.72**  
**Total:           \$ 999,760.72**

Taxes are not included. If applicable, please advise PCT.

**Pricing good for 15 days from the time the quote was issued.**

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If the proposal is acceptable, please sign and fax back to 336-633-7698.

Sign: \_\_\_\_\_

**Attached is NCDOR Form E-589CI. If this is a Capital Improvement or Capital Project, you must complete this form and return to Performance Cabling Technologies with your signed proposal. If you are unsure about this form, please contact your Accounting Department for clarity. If this form is not completed and returned, Performance Cabling Technologies will assume you are taxable, and taxes will be included in your invoice(s).**

**CHANGE ORDERS/Project Completion**

**CHANGE ORDERS:**

The customer may request change orders at any time during the project. A price for the additional work will be presented to the customer to be signed by both parties, at which time any additional materials or equipment will be ordered. Any additional work towards the changes may now proceed. If the customer requests for the omission in writing of work completed, the customer will pay PCT for any work completed up to the omission given.

**COMPLETION OF WORK:**

PCT will begin work as promptly as possible upon receipt of a purchase order. Work will proceed in a timely fashion. If PCT is delayed through no fault of its own, then

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the project may be extended for a reasonable period agreed upon by both parties in writing.

#### **COMMUNICATIONS:**

Please direct any questions about this proposal to Tony R. York at 336-633-7695 office or 336-964-5913 cell.

#### **Assumptions:**

- All customer owned private utilities will be the customer's responsibility to have located and maintained during any underground construction. The utilities must be located prior to PCT arrival to not hold up the construction. PCT is not responsible for locating any private utilities.
- PCT will contact 811 system to get all public utilities located prior to any work commencing. PCT will white line the bore pathway with white paint and flags for the locators and Chatham County to approve before any work will proceed. PCT assumes this can be done in the 72-hour window of the 811 guidelines.
- All agreements made between PCT and Chatham County will be in writing and not a verbal agreement.
- PCT assumes all network equipment will be provided by others.
- PCT assumes all electrical equipment will be provided by others.
- PCT assumes **no rock boring** will be needed and is not part of this quote. If rock is encountered, we will call the client and discuss after making 3 attempts to get around the rock.

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# *Performance*

C A B L I N G T E C H N O L O G I E S , I N C .

Expiration Date

12/31/2023

License No.

73619

## North Carolina

Licensing Board for General Contractors

This is to Certify That:

Performance Cabling Technologies, Inc.

Asheboro, NC

is duly registered and entitled to practice

### General Contracting

Limitation: Unlimited

Classification: Building, Public Utilities

until

December 31, 2023

when this Certificate expires.

Witness our hands and seal of the Board.

Dated, Raleigh, N.C.

01/01/2023

This certificate may not be altered.



*Lisa Piercy*

Chairman

*C. Frank Wiesner*

Secretary-Treasurer

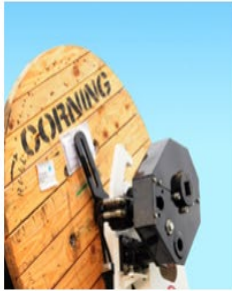
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C A B L I N G T E C H N O L O G I E S , I N C .



Corning Optical Communications  
Network of Preferred Installers

Performance Cabling Technologies, Inc.

Certified Member  
2023 Member in Good Standing

Andrew Bell, Program Manager  
Network of Preferred Installers  
Optical Communications, IBN/DC

Andrew Jackson, Vice President  
OCO Marketing  
Optical Communications

Rendered: Tue Jan 24 19:13:22 GMT 2023

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# E-589CI Affidavit of Capital Improvement



Form E-589CI, Affidavit of Capital Improvement, may be used to substantiate that a contract, or a portion of work to be performed to fulfill a contract, is to be taxed for sales and use tax purposes, as a real property contract for a capital improvement to real property.

The receipt of an affidavit of capital improvement for services to real property, absent fraud or other egregious activities, establishes that the subcontractor or other person receiving the affidavit should treat the transaction as a real property contract for sales and use tax purposes.

A real property contract is a contract between a real property contractor and another person to perform a capital improvement to real property.

**Section I. Single Use** (Complete this section to issue the affidavit for a single capital improvement.)

<p><b>A</b> Owner, Lessee/Tenant, or Real Property Contractor</p> <p>Address</p> <p>City State Zip Code</p>	<p><b>B</b> Real Property Contractor (General Contractor or Subcontractor) <small>Hired to perform capital improvement</small></p> <p>Address</p> <p>City State Zip Code</p>
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Describe capital improvement to be performed:

Project Name

Project Address (where the work is to be performed)	City	State	Zip Code

I certify that, to the best of my knowledge, this affidavit is accurate and complete and that the transaction described to be performed by the Real Property Contractor (General Contractor or Subcontractor identified in box "B") shall be treated as a real property contract for a capital improvement to real property for sales and use tax purposes. I understand that if it is determined that I issued this affidavit in error and the transaction is subject to sales tax as a retail sale of repair, maintenance, and installation services to real property, I will be liable for payment of any additional taxes determined to be due.

Signature of Authorized Person: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**Section II. Blanket Use** (Complete this section to execute a blanket affidavit for capital improvements.)

<p><b>C</b> Real Property Contractor</p> <p>Address</p> <p>City State Zip Code</p>	<p><b>D</b> Real Property Contractor or Subcontractor <small>Hired to perform capital improvement</small></p> <p>Address</p> <p>City State Zip Code</p>
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**To be completed by the Real Property Contractor Identified in Box C.**

I certify that I am a Real Property Contractor who performs capital improvements to real property and all transactions with the real property contractor (subcontractor) identified in box "D" shall be treated as real property contracts for capital improvements to real property for sales and use tax purposes. I understand that if it is determined that I issued this affidavit in error and the transaction is subject to sales tax as a retail sale of repair, maintenance, and installation services to real property, I will be liable for payment of any additional taxes determined to be due.

Signature of Authorized Person: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

## Affidavit of Capital Improvement Instructions

Form E-589CI, Affidavit of Capital Improvement, may be issued to substantiate that a contract, or a portion of work performed to fulfill a contract, is a capital improvement to real property and subject to sales and use tax as a real property contract. Generally, services to real property are retail sales of or the gross receipts derived from repair, maintenance, and installation services, unless a person substantiates that a transaction is subject to tax as a real property contract, subject to tax as a mixed transaction contract, or the transaction is not subject to sales and use tax. A "real property contract" is a contract between a real property contractor and another person to perform a capital improvement to real property.

A mixed transaction contract is a contract that includes both a real property contract for a capital improvement and repair, maintenance, and installation services for real property that are not related to the capital improvement. For a mixed transaction contract, if the allocated sales price of the taxable repair, maintenance, and installation services included in the contract is less than or equal to twenty-five percent (25%) of the contract price, then the repair, maintenance, and installation services portion of the contract, and the tangible personal property, digital property, or service used to perform those services, are taxable as a real property contract for sales and use tax purposes.

- A person that issues Form E-589CI is liable for any additional tax due on the transaction in excess of tax paid on purchases pursuant to N.C. Gen. Stat. § 105-164.4H(a), if it is determined that the transaction is not a capital improvement, but rather the transaction is subject to tax as a retail sale.
- A person who receives Form E-589CI from another person, absent fraud or other egregious activities, is not liable for any additional tax on the gross receipts from the transaction if it is determined that the transaction is not a capital improvement.
- Form E-589CI is not an affidavit of tax paid on tangible personal property, or digital property purchased or used to fulfill a real property contract.
- Form E-589CI may not be used to purchase tangible personal property, or digital property exempt from sales and use tax.

### Exceptions from the Issuance of Form E-589CI to Establish a Transaction is to be Taxed as a Real Property Contract

In lieu of issuing an affidavit of capital improvement, a person may substantiate by other records that a transaction is a real property contract or a mixed transaction contract subject to tax as a real property contract, as discussed above, for a capital improvement to real property. However, where subcontractors are involved, it may be in the best interest of all parties to use Form E-589CI to ensure proper application of the sales and use tax laws.

### Section I. Single Use Instructions

A person may complete "Section I - Single Use" for a one time use to substantiate that a transaction is a real property contract for a single capital improvement to real property and subject to sales and use tax as a real property contract. When a real property contractor hires a subcontractor to perform a portion of the overall real property contract and there is not a recurring business relationship between the two parties (when a period of no more than twelve months elapse between transactions between two parties), "Section I - Single Use" may be completed and the form issued to the subcontractor as notice that the transaction is subject to sales and use tax as a real property contract.

The following scenarios are for reference to assist a person to complete and issue Form E-589CI. The scenarios presented are not intended to cover all possible uses of the form.

A property owner oversees the entire activity to real property that is a real property contract for a capital improvement to real property. The property owner hires various subcontractors to complete the real property contract or portions thereof:

- **Box A - Owner, Lessee/Tenant or Real Property Contractor:** Enter property owner's name and address.
- **Box B - Real Property Contractor (General Contractor or Subcontractor):** Enter a single subcontractor's name and address.
- Owner listed in Box A must describe the real property contract activity to be performed.
- Owner listed in Box A must enter the project address (if different than the address entered in Box A).
- Authorized Person (owner) signs, enters title (owner), enters the date, and issues to the person listed in Box B.

A property owner hires a general contractor to oversee the entire activity to real property that is a real property contract for a capital improvement to real property. The general contractor hires a subcontractor to perform the real property contract, or portion thereof:

- **Box A - Owner, Lessee/Tenant or Real Property Contractor:** Enter general contractor's name and address.
- **Box B - Real Property Contractor (General Contractor or Subcontractor):** Enter subcontractor's name and address.
- General contractor listed in Box A must describe the real property contract activity to be performed.
- General contractor listed in Box A must enter the project address.
- Authorized Person (general contractor) signs, enters title (general contractor), enters the date, and issues to the person listed in Box B.

A lessee/tenant hires a general contractor for the installation of equipment that is to be attached to real property and will be depreciated under the Internal Revenue Code:

- **Box A - Owner, Lessee/Tenant or Real Property Contractor:** Enter lessee/tenant's name and address.
- **Box B - Real Property Contractor (General Contractor or Subcontractor):** Enter general contractor's name and address.
- Lessee or tenant listed in Box A must describe the capital improvement to be performed and indicate the equipment will be depreciated under the Internal Revenue Code.
- Authorized Person (typically lessee or tenant) signs, enters title (lessee or tenant), enters the date, and issues to the person listed in Box B.

### Section II. Blanket Use Instructions

A real property contractor may complete "Section II - Blanket Use" and issue the form to another real property contractor (subcontractor) who is used exclusively to perform part, or all, of real property contracts with respect to capital improvements to real properties, where the parties have a recurring business relationship (when a period of no more than twelve months elapse between transactions between two parties). A blanket use affidavit continues in force so long as the real property contractor named in "Box C" and the real property contractor (subcontractor) named in "Box D" maintain a recurring business relationship or until the affidavit is withdrawn or otherwise notified by the issuer of the form.

The blanket use will generally apply for the following: (1) a builder who hires the same contractor(s) only for new construction; (2) a real property contractor who hires the same subcontractor(s) only for reconstruction; (3) a real property contractor who hires the same subcontractor(s) for remodeling or renovation and the activities performed by the subcontractor(s) for the other party are never repair, maintenance, and installation services for real property based on the contract or agreement between the parties; and (4) a real property contractor who exclusively hires the same subcontractor(s) to perform part, or all, of its real property contracts for capital improvements to real properties.

A general contractor or subcontractor hires a subcontractor that will replace the complete electrical wiring in all renovated homes:

- **Box C - Real Property Contractor:** Enter the hiring real property contractor's name and address.
- **Box D - Real Property Contractor (General Contractor or Subcontractor):** Enter the hired subcontractor's name and address.
- Authorized person listed in Box C signs, enters title, enters the date, and issues to the person listed in Box D.