

Memorandum



To: Mayor and Town Council
From: Ryan Spitzer, Town Manager
Date: 4/6/2023
Re: **Award of Purchase of Underground Electrical Cable**

Overview:

High voltage, underground cable is needed to complete the infrastructure necessary to serve new loads at Carolina Logistics Park. These lines will be installed from the Jack Hughes substation to Carolina Logistics Park along Main St.

Staff solicited formal bids for 15,000 feet of 750 MCM, Aluminum, 15 kV underground cable on March 6, 2023, and advertised in The Charlotte Observer, with a formal bid opening on March 21, 2023. Two bids were received:

WESCO - \$12.07/foot for a total cost of \$181,050.00 with a delivery in mid-February 2024.

BORDER STATES - \$11.82/foot with a total cost of \$177,225.00 with delivery in 16-18 weeks after the order is placed.

NCGS § 143-132 requires no minimum number of bids for “other than construction or repair work”.

Attachments:

Attachment 1: Formal Bid Summary

Attachment 2: Formal Bid Notice and Instructions to Bidders

Recommendation:

Staff recommends Council approves awarding this purchase to the low bidder, Border States, for \$177,025.00. There are sufficient funds available for this purchase in the capital budget.

Procedure:

Attachment 1

Formal Bid Summary

15kV, 750kcmil, Underground Primary Distribution Cable

Qty

15,000 Feet

Bid Opening: 3/21/2023 @ 2:00 PM

Bid Opening Location: 505 Main Street, Pineville, NC 28134

Attendees: NONE

Bids Received:

Bidder	Cost/ft.	Total Cost	Delivery Time
WESCO	\$ 12.07	\$ 181,050.00	Mid Feb, 2024
Border States	\$ 11.82	\$ 177,225.00	16-18 Weeks

Attachment 2

NOTICE AND INSTRUCTIONS TO BIDDERS

ElectriCities of NC, Inc.
David E. Lucore, Electric Systems Manager
(704) 659-7375
On Behalf of the
Town of Pineville, NC

Bids are being sought by ElectriCities of NC, Inc. on behalf of the town of Pineville, NC for the furnishing of a quantity of 15,000 feet of 15 kV, 750 kcmil AL, Underground Primary Distribution Cable as specified in the attached. This is a **sealed formal bid** according to NCGS § 143-129.

You may mail your bid or hand deliver to: **ElectriCities of NC, Inc., Town of Pineville, NC, 505 Main Street, Pineville, NC 28134, ATTN: David Lucore** with **15 kV 750 kcmil Underground Primary Distribution Cable Bid Enclosed** indicated on outside of envelope.

Bid(s) must be returned on the attached proposal sheet showing unit prices fully extended and the proposal page completed in its entirety by Tuesday, March 14, 2023, at 2:00 PM. Bidder will be required to comply with all applicable statutes and regulations. Bidder is responsible for the timely delivery of their bid before the deadline. **All bids received after this time will be immediately rejected and returned to the bidder unopened.**

A public bid opening will be held at **2:10 PM EST on Tuesday, March 21, 2023**, at the Town of Pineville's Conference Room located at 505 Main Street, Pineville, NC 28134. At this time, the bids will be opened and read publicly.

Equipment must meet all specifications and be the kind and type specified, or an approved equivalent. Price quoted must be based on delivery to Pineville, North Carolina. Quoted price(s) should not include any sales or usage taxes but should reflect the actual bid price of the materials including freight.

ElectriCities of NC, Inc., reserves the right to reject any and/or all bids received, and to select the bid which is in the best overall interest of the Town of Pineville. Awards will be based upon the lowest, responsible bidder.

All bids shall include delivery time. Incomplete bids or those lacking the required information will be rejected if a fair determination of the product cannot be determined at the discretion of ElectriCities of NC, Inc.

David E. Lucore, Electric Systems Manager

PROPOSAL

TO TOWN MANAGER AND TOWN COUNCIL
TOWN OF PINEVILLE, NORTH CAROLINA 28134

The undersigned, as bidder, hereby declares that this proposal is made without connection with any other person, company, or parties making a similar bid or proposal, and that the proposal is in all respects fair and in good faith, without collusion or fraud.

The bidder has carefully examined the annexed form of specifications and instructions to bidders and hereby declares that he will furnish the equipment called for in the manner prescribed in the specifications and instructions to bidders for the following price:

TYPE	DELIVERY TIME	UNIT PRICE
Quantity of 15,000 feet of 15 kV, 750 kcmil AL, Underground Primary Distribution Cable as specified		

Printed Name of Firm Representative

Name of Firm Submitting Proposal

Signature of Firm Authorized Representative

Firm Address

Title

Telephone Number

Email Address

15 kV, 750 kcmil Underground Primary Distribution Cable Specifications

General:

15 kV, Jacketed Concentric Neutral, Filled Strand, 750 kcmil Aluminum Conductor/105° C Continuous Operating Rating, 140° C Emergency Rating, 250 ° C Short-Circuit Rating, at 133% EPR Insulation with 1/3 Copper Neutral.

Specifications:

All Cables must meet or exceed the following standards:

- ASTM B-609, Class B Stranded per B-231
- ICEA T-31-610 Water Penetration Resistance
- ANSI/NEMA Class A Connectorability Requirements
- ICEA S-94-649, AEIC CS8 and C68.5 for Extruded Semi-Conducting Ethylene-Propylene Rubber (EPR)

Central Conductor: 750 kcmil compressed Aluminum, Stranded

Fill Strand: Moisture Resistant with Water Swellable agent.

Conductor Screen: Extruded semi-conducting Ethylene-Propylene Rubber (EPR) – 20 mils Minimum

Insulation: Extruded Ethylene-Propylene Rubber (EPR) at 133% Insulation Value - 210 mils Minimum, 220 mils nominal, 250 mils Maximum.

Insulation Screen: Extruded semi-conducting Ethylene-Propylene Rubber – 40 mils Minimum, 75 mils Maximum

Concentric Conductor: Bare Copper Wires of a size and quantity to meet 1/3 conductor size.

Outer Jacket: Black, Sunlight Resistant, Polyethylene with three (3) Red Stripes and NESC Lightning Bolt Symbol, Spaced 120° apart.

Dear Prospective Bidder:

If you determine not to submit a bid in response to this solicitation, we would very much appreciate your completing and returning this form for our records.

Reason for not submitting a bid in response to this solicitation: (please be as specific as

possible) _____

FULL LEGAL NAME OF COMPANY: _____

ADDRESS: _____

EMAIL ADDRESS: _____

PHONE _____ FAX _____

NAME (PLEASE PRINT): _____

TITLE: _____

SIGNED _____ DATE _____

Thank you for your assistance. Please e-mail to:

dlucore@electricities.org
ElectriCities of NC, Inc.
David E. Lucore, Electric Systems Manager
505 Main St
Pineville, NC 28134