

**CITY OF WILSON
WILSON, NORTH CAROLINA
SPECIFICATIONS AND BID DOCUMENTS
FOR A 25 kV CIRCUIT BREAKER**

ADDENDUM NO. 1

(Bid Date: Monday, February 27, 2023)

The Specifications and bid documents are hereby modified as detailed below:

1. N-1: Bid due date updated to Wednesday, April 5, 2023.
2. P-4: Base Bid No. 2 and No. 3 updated to reflect correct purchasing years.
3. Data Sheet: Requested delivery date updated.

Additionally, the following question was received from a Bidder, “Could you please confirm the address for the beneficiary of the bid bond?”

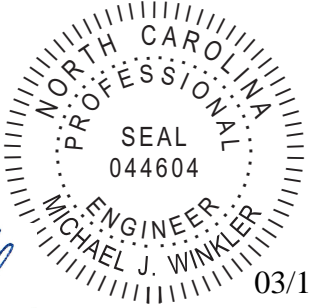
The beneficiary of the bid bond is the **City of Wilson at 1800 Herring Avenue E, Wilson, NC 27893-6727.**

This change shall be incorporated in the Specifications and bid documents and a copy of this Addendum, signed by the Bidder, must accompany his bid to indicate he has received and is familiar with the change. If the bid has already been forwarded, the Bidder should mail this Addendum under separate cover to accompany his bid. At the Bidder's request, the Engineer will return bids already received to the Bidder unopened.

By: Michael Winkler, PE Date: March 14, 2023
Project Manager

ACKNOWLEDGEMENT

Bidder: _____
By: _____
Date: _____


M. Winkler 03/14/2023

NOTICE TO PROSPECTIVE BIDDERS

Sealed Proposals for the furnishing and delivery of all materials and equipment (except materials and equipment specified to be furnished by the Owner) complete and conforming to the bid documents for one (1) 25 kV circuit breaker for the City of Wilson, as set forth in the Bid Schedules, will be received by City Of Wilson of Wilson, North Carolina (hereinafter referred to as the Owner) at the offices of their Consulting Engineer, Booth & Associates, LLC, 2300 Rexwoods Drive, Suite 300, Raleigh, North Carolina 27607, on or before **2:00 PM, Local Time, Wednesday, April 5, 2023**, at which time the Proposals will be opened and read. Any Proposal received subsequent to that time will be promptly returned to the Bidder unopened.

The Specifications, together with all necessary forms and other documents for the Bidder, may be obtained from the Owner's Engineer, Booth & Associates, LLC, 2300 Rexwoods Drive, Suite 300, Raleigh, North Carolina 27607 to the attention of the contact on the attached Data Sheet.

Proposals and all supporting instruments must be submitted on and in the format of the forms furnished in the *Form of Proposal* of these bid documents and must be delivered in a sealed envelope addressed to the Owner's Engineer, Booth & Associates, LLC. Proposals must be filled in with indelible ink. No alterations or interlineations will be permitted unless made before submission and initialed and dated.

Prior to the submission of the Proposal, the Bidder shall make and shall be deemed to have made a careful examination of the bid documents on file with the Owner and with the Engineer and of all other matters that may affect the cost and the time of the work.

The name and address of the Bidder, its license number (if a license is required by the State), and the following description must appear on the envelope in with the Proposal is submitted:

**"BID FOR 25 KV CIRCUIT BREAKERS
FOR CITY OF WILSON NOT TO BE OPENED UNTIL
2:00 PM, LOCAL TIME, WEDNESDAY, APRIL 5, 2023"**

Each Proposal shall be accompanied by cash, cashier's check, or certified check drawn on a bank insured with the Federal Deposit Insurance Corporation, payable to the City of Wilson, North Carolina, in an amount not less than five percent (5%) of the total bid as a guarantee that a Contract, if awarded, will be accepted. In lieu thereof, a Bid Bond, which conforms to the provisions of G.S. 143-129 as amended by Chapter 1104 of the Public Laws of 1951, may be submitted by the Bidder.

The City reserves the rights to (1) waive minor irregularities or minor errors in any Proposal if it appears to the City that such irregularities or errors were made through inadvertence. Any such irregularities or errors so waived must be corrected on the Proposal prior to its acceptance by the City; (2) reject any or all Proposals and to hold any or all Proposals for a period of sixty (60) days from the date of opening thereof; (3) accept the bid, in its opinion, that represents the best value for the City, regardless of whether such bid is the lowest price; and (4) award Contracts to Bidder(s) for any Schedule(s) individually or collectively from the Bid Schedules.

**CITY OF WILSON
WILSON, NORTH CAROLINA**

By: Ricky Wilson Date: February 24, 2023
Purchasing Manager

BID SCHEDULES

**25 kV CIRCUIT BREAKERS FOR
CITY OF WILSON**

BID SCHEDULE NO. 1 – Base Bid

<u>Description</u>	<u>Quantity</u>	<u>Total Cost</u>
Outdoor Power Vacuum Circuit Breaker, 25 kV Nominal, 25,000-ampere Interrupting, 60 Hertz, 2,000-ampere continuous all as per Specifications and attached Data Sheet.	1	\$ _____
Delivery Charge	1	\$ _____
Sales Tax (if applicable)	1	\$ _____
	BASE BID:	\$ _____
Manufacturer _____	Type _____	

BID SCHEDULE NO. 2 – Base Bid

The City will budget for one (1) 25 kV circuit breaker to be purchased in **2024** as described in Bid Schedule No. 1.

NOT TO EXCEED PRICE MULTIPLIER/ADDER OF BASE BID: _____

BID SCHEDULE NO. 3 – Base Bid

The City will budget for one (1) 25 kV circuit breaker to be purchased in **2025** as described in Bid Schedule No. 1.

NOT TO EXCEED PRICE MULTIPLIER/ADDER OF BASE BID: _____

BID SCHEDULE – Delivery Schedule

Instructions to Bidders, 6.0 Shipment and Delivery

The prices of the Materials and equipment set forth herein shall include the cost of delivery to the site at the Bidder's risk. The time of delivery shall be as follows:

	<u>Delivery (Days)*</u>
Approval Drawings	_____
Final Drawings**	_____
Delivery of Material**	_____

* Number of consecutive calendar days after receipt of written order from the Owner.

** Allow two (2) weeks for receipt and return of Approval Drawings.

BID SCHEDULE – Field Service Engineering (Per Day Rate)

Per Day Rate (including expenses) for field service engineering \$ _____/Day

Rate per one round trip (including expenses) to the site: \$ _____/Day

MV CIRCUIT BREAKER SPECIFICATIONS**DATA SHEET**

Booth Contact: Michael Winkler
 email: m.winkler@booth-assoc.com

Drawing Stamp: Wilson 25 kv 2000 A Main Feeder Breaker

Requested Delivery Date: September 30, 2023

Circuit Breaker Rating Information

Nominal Breaker Rating	<u>25</u> kV
Maximum Breaker Rating	<u>27</u> kV
Breaker BIL	<u>150</u> kV
Continuous Current Rating	<u>2,000</u> Amps
Interrupting Current Rating	<u>25,000</u> Amps
Rated Interrupting Time	<u>3</u> Cycles
Closing and Latching Capability	<u>104</u> kA, rms
Low Freq. 1 Minute Dry rms	<u>60</u> kV
Low Freq. 10 Second Wet rms	<u>50</u> kV
Two microsecond chopped wave impulse peak	<u>194</u> kV
Minimum Creepage Distance Of External Insulation to Ground	<u>16.5</u> Inches
Frequency	<u>60</u> Hz
Minimum Ambient Temp.	<u>-30</u> °C
Max. Ambient Temp.	<u>50</u> °C
Humidity Rating	<u>100</u> %
Max. Altitude	<u>3,300</u> Feet

Station Power Information

Station Power Voltage (AC)	<u>120/240</u> VAC
Station Power Frequency (Hz)	<u>60</u> Hz
Station Control Voltage (DC)	<u>48</u> VDC

Equipment Details

Tripping and Closing Voltage	<u>48</u> VDC
DC Control Contact Ratings	<u>48</u> VDC
Alarm Contact Voltage	<u>48</u> VDC
Motor Voltage	<u>120/240</u> VAC
Actuator Style	<u>Magnetic</u>