



INVITATION FOR BID

**PWC2425054 27KV Class 1200 Amp Outdoor Circuit
Breakers**

Date of Issue: January 10, 2025

Date of Opening: February 6, 2025, 2:00 P.M.

Direct all inquiries concerning this IFB to:

Carla Wint

Procurement Advisor

procurement@faypwc.com

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**ADVERTISEMENT FOR BID
FAYETTEVILLE PUBLIC WORKS COMMISSION
27KV CLASS 1200 AMP OUTDOOR CIRCUIT BREAKERS**

**Cumberland County
North Carolina**

Bids are solicited and will be received at Fayetteville Public Works Commission, Administration Building, Procurement Department/Conference Room 107, 955 Old Wilmington Road, Fayetteville, NC 28301, until **2:00 p.m., EST Thursday, February 6, 2025**, for the **27KV CLASS 1200 AMP OUTDOOR CIRCUIT BREAKERS**.

The Commission is requesting firm quotations for eighteen (18) 27KV class feeder vacuum circuit breakers. These breakers must have a 3-cycle trip operation, operate at 48 V DC, and have a current rating of 1,200 Amps. The breakers should feature magnetically actuated vacuum interruption for power circuit applications.

Enclosed are the Instructions to Bidders, Detailed Specifications, and Bid Pricing Form. Bidders must submit the completed Bid Pricing Form, Attachment B, Attachment C, MWDBE Affidavit A or B, MWDBE Affidavit E. Submissions must be made using the provided forms or exact copies thereof, as specified in the bid documents.

Questions regarding this bid must be submitted in writing to the attention of **Carla Wint**, at procurement@faypwc.com no later than **5:00 p.m., EST Thursday, January 23, 2025**, in order to be considered for a response.

Mailed bids must be addressed to **Carla Wint**, Procurement Advisor, Fayetteville Public Works Commission, 955 Old Wilmington Road, Fayetteville, North Carolina 28301. The outside of the envelope must be marked **IFB: PWC2425054 27KV Class 1200 Amp Outdoor Circuit Breakers** and shall indicate the name, and address of the bidder. Late bids will not be considered.

Fayetteville Public Works Commission reserves the right to reject any or all bids for any reason determined by PWC to be in its best interest, or to award the bid to the lowest responsible bidder or bidders, taking into consideration quality, performance, and the time specified in the bids for the performance of the contract.

FAYETTEVILLE PUBLIC WORKS COMMISSION
Nikole Bohannon
Procurement Manager

INSTRUCTIONS TO BIDDERS
FAYETTEVILLE PUBLIC WORKS COMMISSION
27KV CLASS 1200 AMP OUTDOOR CIRCUIT BREAKERS

PURPOSE AND BACKGROUND

The Commission is requesting firm quotations for eighteen (18) 27KV class feeder vacuum circuit breakers. These breakers must have a 3-cycle trip operation, operate at 48 V DC, and have a current rating of 1,200 Amps. The breakers should feature magnetically actuated vacuum interruption for power circuit applications.

OBJECTIVE OF THE REQUEST

It is the intent of this bid invitation to obtain pricing for **27KV CLASS 1200 AMP OUTDOOR CIRCUIT BREAKERS** within the detailed specifications section of this Invitation for Bid (IFB). You are requested to submit your bid on the enclosed Bid Pricing Form.

IFB SCHEDULE

The following table shows the schedule of events to prepare your organization's response. The key deadlines and targeted dates for this process are as follows:

Action	Responsibility	Date/Time
Submit Written Questions	Bidders	Thursday, January 23, 2025, 5:00 pm
Provide Response to Questions	PWC	Tuesday, January 28, 2025, 2:00 pm
Submit IFB	Bidders	Thursday, February 6, 2025, 2:00 pm
Target Commission Date	PWC	Wednesday, February 26, 2025
Target Council Date	PWC	Monday, March 10, 2025
Award /Sale of Goods Agreement	PWC	Wednesday, March 19, 2025
Preferred Delivery	Awarded Bidder	October 2025

QUESTIONS

Written questions shall be e-mailed to procurement@faypwc.com by the date and time specified in the IFB schedule. Bidders will enter "IFB **PWC2425054** – Questions" as the subject of the email.

Questions received prior to the submission deadline date, the Procurement Advisor's response, and any additional information deemed necessary by PWC will be posted in the form of an addendum to the PWC website and shall become an Addendum to this IFB. No information, instruction, or advice provided orally or informally by any PWC personnel, whether made in response to a question or otherwise concerning this IFB, shall be considered authoritative or binding. Firms shall rely only on written material contained in an Addendum to this IFB.

Inquiries should be submitted no later than the date and time noted in the IFB schedule. Questions answered verbally will be followed up by written addenda as deemed necessary; oral interpretations shall have no effect.

MINORITY, WOMEN, AND DISADVANTAGED BUSINESS ENTERPRISE (MWDBE) PROGRAM / SMALL LOCAL SUPPLIER (SLS) PROGRAM

PWC is committed to promoting the utilization of Minority, Women, and Disadvantaged Businesses in PWC's geographical statistical area (GSA) by providing equal opportunity for participating in all aspects of PWC's contracting and procurement programs. The GSA consists of NCDOT division areas 3-8, and 10. PWC is also committed to promoting the utilization of small, local businesses in the Fayetteville Metropolitan Statistical Area (MSA) by increasing opportunities for those businesses to participate in PWC procurements. The MSA consists of Cumberland County, Hoke County, and Harnett County.

Bidders must report their efforts to engage MWDBEs, Historically Underutilized Businesses (HUBs), and Small Local Suppliers for each project, regardless of specific project requirements.

Bidders shall submit the MWDBE Affidavits A or B, & E provided within Attachment F with their bid submittal. The Affidavits shall be signed and notarized.

In accordance with PWC's MWDBE Program, the goal shall be to award four percent (**4%**) of the total contract dollars to MBE firms and four percent (**4%**) to WBE firms. A complete copy of PWC's MWDBE Program is available for inspection at PWC Procurement Department.

Bidders are encouraged to document good faith efforts and subcontractor utilization in the **MWDBE Affidavits C or D** at the time of bid submission, though it is not mandatory. If these efforts are not included, PWC's Program staff will contact the lowest responsive bidder to request documentation, which must be provided within **24 hours** or by the next business day.

The following is a list of the efforts that should be made by the prime service provider to encourage MWDBE participation. In order to receive credit for having made "good faith efforts", the prime service provider should document all actions taken to include the following:

- 1) Attending pre-bid meetings scheduled by the department;
- 2) Identifying selected specific items of the project which could be executed by a MWDBE;
- 3) Soliciting MWDBE service provider participation in a reasonable time before the proposals are due through advertisements in circulation media, trade publications, and minority-focused media;
- 4) Contacting local firms, firms owned by minorities or women, and associations or business development centers which disseminate information to local businesses and businesses owned by minorities or women in a timely manner to allow sufficient time for MWDBEs to respond;
- 5) Following up on initial solicitations of interest by contacting the MWDBE to determine whether the MWDBE was interested in performing specific items of the project;
- 6) Attempting to enter into joint venture or partnership arrangements with MWDBEs and provide interested MWDBEs with information about the requirements for the project;

- 7) Providing assistance to MWDBEs in the review of proposals and work to be done by sub-service providers;
- 8) Using available directories of certified MWDBEs and other available resources;
- 9) Ensuring that the proposer negotiated in good faith with the MWDBE and did not unjustifiably reject as unsatisfactory quotes prepared by any Minority, Women, or Disadvantaged Business Enterprise;
- 10) Making every effort to obtain Minority, Women, or Disadvantaged Business Enterprise participation that could reasonably be expected to produce a level of participation sufficient to meet the goals of PWC; and
- 11) Providing interested minority, women, and disadvantaged businesses with information relative to project requirements

VENDOR REGISTRATION VIA ISUPPLIER

- 1) All vendors interested in doing business with PWC must register as a vendor through the iSupplier Portal using the link below. The iSupplier self-service portal enables vendors to have real-time access to information regarding purchase orders, invoices, and payments through a secure environment. Attach a copy of your W9 to your online registration.

<https://www.faypwc.com/isupplier-doing-business-with-pwc/>

SUBMISSION INSTRUCTIONS

- 1) Bids should be complete and carefully worded and should convey all the information requested in the IFB. Bids should be prepared simply and economically, providing a straightforward, concise description of the bidder's capabilities to satisfy the requirements of the IFB. Emphasis should be on completeness and clarity of content. If the bid includes any comment over and above the specific information requested in the IFB, the bidder should include this information as a separate appendix to its bid. Bids that include clarifications or modifications to any of the IFB's contractual requirements, or a bidder's standard terms and conditions, may be deemed non-responsive and not considered for award at PWC's discretion.
- 2) Unsolicited bid samples or descriptive literature will not be examined or tested, will not be used to determine responsiveness, and will not be deemed to vary any of the provisions of the IFB. Failure to comply with these requirements shall constitute sufficient cause to reject a bid without further consideration. PWC reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to award of a Sale of Goods Agreement, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders the reasons for PWC's action.
- 3) Bids may be withdrawn by the bidder only in writing and if receipt of such withdrawal is acknowledged by PWC prior to the time for the bid submittal deadline identified in the Advertisement for Bidders (or such later date included in an Addendum). Written withdrawal requests shall be submitted on the bidder's letterhead and signed by an official of the bidder duly authorized to make such request. Any withdrawal request made after the bid submittal

deadline shall be allowed only if the price bid was based upon a mistake that constituted a substantial error, provided the bid was submitted in good faith, and then only pursuant to the terms of N.C.G.S. § 143-129.1.

- 4) Bids must be submitted in an envelope clearly marked with **“IFB: PWC2425054 27KV CLASS 1200 AMP OUTDOOR CIRCUIT BREAKERS”** along with the bidder's name and address. **Even if this envelope is placed inside a courier's envelope, the courier envelope itself must also be properly marked to ensure the bid can be identified without opening it.** This is critical for proper sorting and handling, as multiple bids are received daily for different Procurement Advisors. Any bid received without proper labeling on the courier envelope will be returned to the sender and will not be considered for award. All bids must be delivered to the Fayetteville Public Works Commission, Administration Building, Procurement Department, at 955 Old Wilmington Road, Fayetteville, NC 28301, by the specified deadline. Late bids will not be considered.
- 5) Bids will be examined promptly after the due date and an award will be made at the earliest possible date. Bids must be held firm for PWC for a period of sixty (60) days after the bid due date. A purchase order will be issued to the awarded bidder.
- 6) Bidders shall submit bids only on the Bid Pricing Forms provided herein, or exact copies thereof **(See Attachment B – Bid Pricing Form)**. Failure to provide full and complete Bid Pricing Forms using the form provided herein will result in a bid being deemed non-responsive.
- 7) All bids must be signed by an authorized official of the bidder. Bids may be rejected for any omission, alteration of form, additions not called for, conditional bid, or any irregularities of any kind.
- 8) Do not submit alternate bids unless specifically called for on the Bid Pricing Forms.

QUANTITIES AND PRICING

- 1) All bidders are advised to include all costs incurred by the bidder in delivering the **27KV CLASS 1200 AMP OUTDOOR CIRCUIT BREAKERS** to the PWC Warehouse 1097 Public Works Drive in their bid submittal. The invoice submitted for payment shall not reflect any other costs (fuel surcharge, toll, etc.). PWC is not tax-exempt.

EVALUATION AND AWARD

- 1) An award of a contract is subject to the approval by the Board of Commissioners of PWC and the Fayetteville, North Carolina City Council.
- 2) PWC reserves the right to inspect, at a reasonable time, the equipment, item, plant, or other facilities of a prospective Bidder prior to award, and during the Sale of Goods Agreement term, as PWC deems necessary to determine that such equipment, item, plant, or other facilities conform with the specifications/requirements and are adequate and suitable for the proper and effective performance of the Sale of Goods Agreement.
- 3) PWC reserves the right to request additional information from bidders to aid in the evaluation process. This information may include but is not limited to, financial statements, a reference list of contracts of similar size, etc.

- 4) PWC reserves the right to make a single award for all items or may award separate contracts to multiple bidders for various items to the lowest responsive, responsible bidder or bidders, taking into consideration product quality, performance to PWC, and conformity with the specifications in these bid documents. PWC may also consider, among other things, the Bidder's past performance conduct on other contracts, and other information as PWC deems necessary to assist in the evaluation of any bid.

The Sale of Goods Agreement will be awarded for a period of one (1) year to begin on or about October 31, 2025.

- 5) The successful bidder shall not assign, transfer, or convey any part of the agreement, including rights or obligations, to a third party without obtaining prior written approval from PWC. This includes the assignment of payments that may become due under the agreement. Any unauthorized assignment may result in disqualification or termination of the agreement. Approved assignments do not relieve the successful bidder of their responsibilities under the terms of the agreement unless explicitly stated in writing by PWC.
- 6) The successful bidder must promptly notify PWC in writing of any legal actions, investigations, or issues arising during the agreement period that may impact their ability to perform their obligations under the agreement. Failure to provide timely notification may result in termination of the agreement. As outlined in Attachment C: Certification of Primary Participant Regarding Debarment, Suspension, and Other Responsibility Matters, the successful bidder must also certify that no such legal impediments exist at the time of bid submission. If circumstances change after submission or during the agreement period, the bidder is required to immediately inform PWC, providing full details of the situation.

DELIVERY AND PAYMENT

- 1) Delivery to be made F.O.B. Public Works Commission **1097 Public Works Drive, Fayetteville NC 28301.**
- 2) Deliveries shall be made between the hours of **9:00 a.m. and 3:00 p.m., Monday through Friday**, within the time frame specified on the Bid Pricing Form.
- 3) Payment for equipment, material, supplies, etc. purchased pursuant to this bid shall be made by Public Works Commission approximately thirty days after the same has been delivered, inspected, approved and the invoice received in the PWC Accounts Payable Office, P.O. Box 1089, Fayetteville, North Carolina 28302.

**FAYETTEVILLE PUBLIC WORKS COMMISSION
PWC2425054 27KV CLASS 1200 AMP OUTDOOR CIRCUIT BREAKERS**

ATTACHMENT A: TECHNICAL SPECIFICATIONS

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- 7.0 Wiring
- 8.0 Terminal Blocks and Fuse Holders

**FAYETTEVILLE PUBLIC WORKS COMMISSION
PWC2425054 27KV CLASS 1200 AMP OUTDOOR CIRCUIT BREAKERS**

TECHNICAL SPECIFICATIONS

1.0 Standards

All equipment and materials covered by these Specifications shall be in accordance with the applicable provisions of the latest editions of the Standards of the ASTM, ANSI, NEMA, IEEE, OSHA, and the latest version of the NESC. Where a manufacturer's name and type of equipment is indicated in the Specifications, it is for clarity and the establishment of a standard and is restrictive unless the use of an approved equal is specifically mentioned.

2.0 Drawings

2.1 Preliminary Drawings

- 2.1.1 Before proceeding with fabrication, the manufacturer shall submit for approval to the Commission sufficient Drawings to demonstrate that all parts conform to the requirements and intent of these Specifications. The Drawings shall include two (2) copies each of outline, nameplate, AC and DC control elementary, AC three-line power elementary, and control wiring drawings. All drawings shall be dimensioned in feet and inches; metric measurements alone will not be acceptable. However, dual dimensioning in feet and inches and centimeters will be acceptable. Drawings should also be in electronic format on CD or via email.
- 2.1.2 Approval Drawings shall be submitted directly to the Commission, Joel Valley (joel.valley@faypwc.com); 1094 Commission Drive, Fayetteville, NC 28301.
- 2.1.3 The Outline Drawing shall show dimensions of equipment, including bushings, base anchor dimensions, conduit entrance panel location, and all other important external features. These Drawings shall show weights, vertical and horizontal dimensions, bushing catalog numbers and ampere ratings, description of top bushing terminals, and arrangement of all external accessory devices.
- 2.1.4 Approval of Drawings shall not be held to relieve the manufacturer of obligations to meet all requirements to the Specifications, of responsibility for the accuracy of the Drawings, or responsibility to meet the original shipping promise on the basis of the Commission being allowed two (2) weeks for approval.
- 2.1.5 Receipt of Approval Drawings by the bidder constitutes authorization for manufacture only, based upon the corrections found thereon.

2.2 Final Drawings

Contingent upon Approval Drawing review and product manufacture, the Materialman shall issue final documentation as follows:

- 2.2.1 Two (2) complete sets of all Drawings, revised to “as-built” status, released on CD-Rs in PDF format.
 - 2.2.2 Two (2) copies of applicable instruction books, including one (1) print each of all Drawings representing physical and electric details as furnished per paragraph 5.2.1.
 - 2.2.3 Two (2) copies of certified test reports corresponding to functional performance measurements after final assembly.
- 2.3 All Drawings are to be certified correct and supplied within a reasonable length of time prior to shipment of the equipment. Each set of Drawings and documentation shall include the following information:
- 2.3.1 Outline and Assembly Drawings showing size and location of major components and all principal dimensions.
 - 2.3.2 Control and relay panel front view.
 - 2.3.3 Details of bushing and bushing terminal connectors.
 - 2.3.4 Diagram of bushing current transformers, connection, number of turns, polarity marking, ratios, and bushing orientation.
 - 2.3.5 Current transformer performance characteristic curves and data for all relay accuracy CT's.
 - 2.3.6 Details of control housing.
 - 2.3.7 Panel connection diagram showing exact connection for all components furnished.
 - 2.3.8 AC and DC elementary circuit diagrams for all relay and control equipment furnished.
 - 2.3.9 Wiring control and schematic diagrams.
 - 2.3.10 Instruction Books.
 - 2.3.11 Renewal parts catalog.
 - 2.3.12 Two (2) copies of certified test reports.

- 2.4 All Drawings and documentation shall be submitted directly to the Commission to Joel Valley (joel.valley@faypwc.com); 1094 Commission Drive; Fayetteville, North Carolina, 28301.

3.0 Release for Shipment

- 3.1 Release for shipment is to be granted by the Commission based upon the manufacturer's compliance with the following:
- 3.2 Fourteen (14) consecutive days prior notification of tests so that the Commission may have a representative present for witness of the tests.
- 3.3 Furnishing of the requisite number of copies of the Final Drawings as called for in the Specifications.
- 3.4 Coordination of manufacturing and delivery with Commission's schedule as may be noted in these Specifications.
- 3.5 Thirty (30) days notification of tentative shipping schedule and forty-eight (48) hours' notification prior to all deliveries.
- 3.6 **Under no circumstances** will the Commission accept deliveries arriving on Saturdays, Sundays, or nationally observed holidays. The Materialman shall take precautions as necessary to avoid scheduling such deliveries. Deliveries will be received between 9:00 a.m. and 3:00 p.m., Monday through Friday only.

4.0 Vacuum Circuit Breakers that are Magnetically Operated

4.1 General

Vacuum circuit breakers shall be suitable for outdoor operation and shall be three-pole, single-throw. Each breaker shall consist of an outdoor frame-mounted vacuum power circuit breaker having weatherproof steel mechanism housing and relay cabinet with hinged panel containing the relay, metering, and device wiring. Protective relays, reclosing equipment and metering equipment shall be as hereinafter describes. Circuit breakers shall be rated as follows:

1200 Amp Feeder Breakers

Vacuum Power Circuit Breaker rated 27.6 KV rated voltage class, 150 KV BIL, 1200-ampere continuous current-carrying capacity at 60 Hertz, 3-cycle trip time, with minimum 25,000-amperes interrupting rating furnished with specified relays and accessories.

4.2 Standards

The equipment covered by the Specifications and all tests applied thereto shall conform to the latest standards of the IEEE, NEMA, NESC, and ANSI, unless otherwise noted herein.

4.3 Assembly

The proposed equipment shall be completely assembled, wired, adjusted, and tested at the factory before shipment.

4.4 Interrupting

The breaker shall be rated for ANSI C37.06 rated reclosing times. The breaker shall interrupt the arc within 3 cycles or less (at 60Hz) measured from the instant the trip coil is energized with normal voltage. Five-cycle or less interruption shall be achieved over a range of twenty-five percent (25%) to one hundred percent (100%) of rated interrupting capacity. Vacuum interrupter design shall not require oil for either interrupting medium or for insulation purposes.

4.5 Operating Mechanism

The breaker shall be magnetically actuated and shall be mechanically and electrically trip free. The breaker shall be equipped for 48-volt DC tripping and closing.

4.6 Nameplates

Each breaker shall be equipped with one (1) or more etched stainless steel weatherproof nameplates prominently attached to the breaker cabinetry, illustrating the following data:

- 4.6.1 Manufacturers shall include name of manufacturer, breaker model or style number, breaker serial number, instruction book and diagram reference numbers, breaker wrights, 1-3-5 and 2-4-6 bushing orientation, and interrupter media information.
- 4.6.2 Breaker rating data shall include maximum rated voltage application, continuous rated capacity, impulse withstand (BIL) rating at rated frequency duty interval in cycles, rated short-circuit interrupting capacity (amperes), voltage range, (K) factor, and close and latching capacity (amperes).
- 4.6.3 Breaker mechanism data shall include manufacturer's model/style number of mechanism, closing rated amperes at rated voltage, closing voltage range, tripping rated amperes at rated voltage, tripping voltage range, and mechanism recharging motor amperes at rated application voltage.
- 4.6.4 Bushing current transformer data shall include bushing location, polarity, accuracy class, progression of turns, turns ratio, and turns ratio reference chart for available taps.
- 4.6.5 All devices, relays, fuses, etc., shall be labeled for easy identification.

4.7 Component Parts and Accessories

The component parts and optional additional accessories for each breaker shall include, but are not limited to:

- 4.7.1 Three-pole, high voltage single-throw circuit breaker, electronically Operated with weatherproof combination mechanism housing and cabinet mounted on a hot dipped galvanized steel framework.
- 4.7.2 One (1) hot dipped galvanized, welded steel supporting framework with two (2) ground terminals for 2/0 to 350 KC Mil copper grounding cable. The connections are to be located on diagonally opposite corners at the bottom of the frame and on the high-voltage housing with NEMA 2-hole (1-3/4") spacing and mounted with ½ inch – 13 NC thread bolts. Framework shall be equipped with adjustable legs to provide a minimum height for grounded parts of one hundred and eight (108") inches above grade. The high voltage bushing mounting flange shall be installed at this height (108") or higher.
- 4.7.3 Six (6) bushings, with standard creepage distance appropriate for the specified BIL of the breaker and with ampere rating equal to or greater than the specified continuous current rating of the breaker. All bushings shall have NEMA standard threaded terminal studs. Bushings shall be light gray.
- 4.7.4 Each bushing shall be furnished with a tin-plated bronze terminal connector's featuring NEMA standard four-hole spacing on the terminal pad. The connector shall be suitable for aluminum or copper connections at the rated current capacity of the bushing.
- 4.7.5 Multi-ratio bushing-type current transformer (MR-BCT) with relaying accuracy ANSI/IEEE standard C400 class suitable for relay and indicating instrument application, all wired to shorting terminal boards in the mechanism and relay cabinet. The current transformer leads are to be permanently connected and properly identified to the shorting terminal blocks in the control cabinet. Each CT shall be wired to a separate terminal block; sharing of terminal blocks by different CT's shall not be allowed. Bushing CTs shall have a continuous-current rating (top tap) equivalent to the continuous-current rating of circuit breaker. Taps shall be provided in accordance with Table 8 of ANSI C57.13 most current edition.
- 4.7.6 The quantity and hookup of the CT's required per breaker is as follows:
 - 1200 Amp Feeder Breakers
 - Two (2) 1200:5 MRBCT, ANSI/IEEE Class C400, one set (X or Y) shall be installed on the bushing (1-3-5) both sets (X and Y) shall be shorted on individual four-point shorting blocks.
 - One (1) 1200:5 MRBCT, ANSI/IEEE Class C400, shall be installed on the bushing (2-4-6) and shall be connected to a four-point shorting block then to the SEL735 metering circuit test switch within the breaker.

- 4.7.7 Lifting eyes and lugs for vertically lifting the entire breaker assembly.
- 4.7.8 Paint shall be standard light gray ANSI, No. 70. Minimum paint thickness shall be 3 mils. An alternate finish coat specification that meets the following: that is a thermosetting polyester power paint coating applied with electrostatic equipment at a 2 mils dry film thickness and cured at 425 degrees F for 20 minutes. Finished color is to be ANSI-61 Light Gray.
- 4.7.9 The control panel shall be dead front with all switches, circuit breakers, etc., enclosed.
- 4.7.10 All control wiring shall be 600-volt, flame-resistant, moisture-proof, with stranded copper conductor.
- 4.7.11 Unit should be equipped with at least the following alarms:
- Under Voltage (27) AC
 - Under Voltage (27) DC
 - Magnetic operator trouble or errors

AC under voltage (27), DC under voltage (27), and magnetic operator error are to be wired to SEL 2411 device or approved equivalent.

4.8 Mechanism Housing and Cabinet

- 4.8.1 One (1) weatherproof sheet steel combination mechanism housing meeting ANSI Rain Test per C37.20.2, paragraph 6.2.10 and cabinet attached to the breaker frame, with removable plate in bottom for conduit entrance and containing the following:
- 4.8.2 Trip-free, magnetically actuated mechanism: 48 volts DC trip and 48 volts DC close operation. Control operation shall be 48 volts DC.
- 4.8.3 One (1) 11-pole auxiliary switch having 11 – “a” contacts and 10 – “b” contacts directly connected to main operating linkage completely available for the Commission’s use.
- 4.8.4 Latch-checking switch will be provided if not inherently latched.
- 4.8.5 Veeder-Root cyclometer type operation counters or approved equivalent, visible from outside of mechanism housing.
- 4.8.6 Mechanical position indicator, visible from outside the mechanism housing.
- 4.8.7 Necessary terminal boards and wiring: terminal boards for CT leads shall be shorting-type. All terminal boards shall be equipped with nonmagnetic split-type lock washers and ring-type compression lugs. Each CT shall be wired to a separate six-pole shorting terminal block. The sixth pole shall be permanently grounded.

- 4.8.8 A minimum of twelve (12) spare terminal points shall be provided for Commission use.
- 4.8.9 Manual maintenance closing device.
- 4.8.10 Fused disconnect switches for control power, motor, and heater, pull-out type.
- 4.8.11 Thematically controlled space heater, 120 or 240 volts, single phase ac, to prevent condensation. Space heater shall be protected from physical contact with terminal guards for the ac supply voltage.
- 4.8.12 Internal convenience lights with guards, controlled from a door switch shall be provided in the relay cabinet and the mechanism housing. A 120-volt ground fault ac convenience outlet shall be provided in the relay cabinet. Materialman shall provide one molded case circuit breaker for the light and outlet in the relay cabinet, and one for the light in the mechanism housing.
- 4.8.13 Electrically trip-free control circuitry, with necessary interlock and seal-in contacts tripping and closing operations. The closing circuit shall be an anti-pump design coordinated with protective latch-check features of the mechanism.
- 4.8.14 Emergency trip control mechanically linked to mechanisms trip latch. The manual trip level shall be externally accessible to operating personnel and upon operation, shall set an interlock (69) to block electrical closing. The interlock shall be manual reset only.
- 4.8.15 One (1) lot of terminal blocks, marking strips, control wiring, and wiring accessories.
- 4.8.16 One (1) hinged steel relay panel, having mounted and wired thereon associated relaying components as described in the following sections.
- 4.8.17 The relay/control panel cabinet is to open on the 1-3-5 bushing side.
- 4.8.18 Enclosure design must reduce Arc Resistant from the operating area of the control cabinet as required in the IEEE C37.20.7-2007, Type 2B, guidelines and the units must meet the test requirements for Internal Arc Faults per the standard.

5.0 Meter, Control and Communication Panel

- 5.1 The mechanism housing & cabinet shall feature a hinged steel relay panel which shall contain the various devices necessary for the protection and control of the breaker. Such devices shall be completely installed and wired for fully functional operation, and shall include the following:

- 5.1.1 Communications Relay: SEL-2411 Programmable Automation Controller with conformal coating Part Number 241122C1C3C3CBC0841 Key Code 0757 add configurable label kit 9260073.
- 5.1.2 SEL – 2411 inputs to be defined and installed as follows:
- IN101: Breaker 52a contact.
 - IN102: Supervisory Trip input contact
 - IN103: Supervisory Close input contact
 - IN104: Breaker Loss of AC Alarm
 - IN105: Magnetically operator Trouble Alarm
 - IN106: Magnetically operator Error Alarm.
 - IN107: Under Voltage (27) AC
 - IN108: Under Voltage (27) DC
- 5.1.3 SEL-9510 Control Switch Module – Part Number 951021B2 Key Code 1908 outputs are defined and installed as follows:
- Trip – To Trip Coil
 - Close - To Close Coil
- 5.1.4 One (1) meter, SEL 735 Advanced Power Quality & Recording Option, Type SEL-0735BX20922GFXA2XX16102XX Key Code 1085, with conformal coating, add configurable label kit 9260073, ANSI labeling, Form 9 (Four Wire Wye), vertical panel mount ANSI optical port, 24/48 V dc power supply, 48 V dc control input voltage, Current class CL2/10/20, 60Hz, one (1) EIA-232 ports, one (1) EIA-485, and one (1) 100BASE-FX MM LC, expansion slot C empty, expansion slot D loaded with four (4) DI / 4 DO Solid-State and 48 V dc control voltage for expansion slot D, DNP protocol for both serial and Ethernet, capable of Synchro-phasors measurement.
- 5.2 All relay inputs and outputs not used for breaker internal circuitry are to be wired to breaker terminal points for customer use.
- 5.3 One (1) unit of 3 Secure Control – 19R test device is to be installed as follows:
- Test Switch: Secure Control <https://secucontrol.com/configurator.php> ST-19R, 3 rack-unit, lower mount, ANSI61 Gray, 19-inch mount panel, clear cover, screw terminals, with trip/potential/current pole configuration of [STIA100075AA] [STIA10083AA, STIA10083AB, STIA10083AG] [STIA10035AA, STIA10035AC]. or approved equivalent.
- 5.4 Separate fuse blocks are to be installed for digital relay potential inputs (one 3-pole, one 2-pole).
- 5.5 A minimum of twelve (12) terminal points are to be provided for customer use.

6.0 Wiring

The transformer shall include but is not limited to the following mechanical and electrical features:

- 6.1 The primary insulation jacket of all wiring shall be 600-volt; 90°C; and water, oil, and flame resistant. Control wiring shall be 45 or 65 standard cable, Type SIS, and not smaller in size than #14 AWG tinned copper wire with the exception that wiring to alarm auxiliary relays and indicating lights may be smaller in size. All current transformer leads are to be #10 AWG tinned copper or larger in size.
- 6.2 Power wiring shall be sized as required in accordance with the latest edition of the National Electrical Code.
- 6.3 All connections for wiring shall be made using silicon bronze, split-type lock-washers, screws, and nuts. Devices equipped with inherently locking terminals do not require lock washers.
- 6.4 All wires shall be identified at each end with legible permanent labels. Wire identification shall show both placement and where it came from.
- 6.5 Wiring connections between fixed and hinged sections shall be minimum 41-strand, flexible wire.
- 6.6 Seven-stranded control wire is not acceptable.
- 6.7 All terminal connections for conductor sizes #10 AWG in size and smaller shall be made with pre-insulated, full ring tongue crimp-type lugs. Lugs shall be AMP, Inc. "Pre-Insulated Diamond-Grip" (PDG) with nylon sleeves or approved equivalent. Spade-type terminals or slop-on connectors are not acceptable.
- 6.8 All terminal connections for conductors' sizes #2 AWG through #10 AWG shall be made with Burndy Insulug Type YAEV or approved equivalent.
- 6.9 All terminal connections for conductor sizes larger than #2 AWG shall be made with two-hole, long-barrel, double-indent crimp-type lugs; Burndy Hylug Type YA or approved equivalent. (Single-hole lugs may be used only where necessary.)
- 6.10 High-temperature insulated wire shall be used for connections to heaters.
- 6.11 "Slip-on/Quick-Slide" type connectors are not permitted.
- 6.12 Grommets shall be provided for all openings in metal barriers used for wiring.

- 6.13 Uninsulated exposed conductor or terminal lug shall not extend beyond the sides of the terminal block or its insulating barriers.
- 6.14 All leads for multi-ratio current transformers shall be wired to shorting-type terminal blocks in the control cabinet. If junction boxes are required in wiring between current transformer and control cabinet, terminal blocks or splicing sleeves shall be used for wiring connections. In-line type disconnecting terminals such as American Petroleum Institute (API) No. 32448 or Bundy No. YZ10 will not be accepted.
- 6.15 If accidental short circuiting of certain wires can result in malfunction of equipment such as closing or tripping of the breaker, these wires shall not be terminated on adjacent terminal block points.
- 6.16 All wiring shall be neat and orderly.
- 6.17 No more than two (2) wires per terminal point are permissible.

7.0 Terminal Blocks and Fuse Holders

- 7.1 Molded-type terminal blocks, rated 600 volt, 30 amperes, for all control connections shall be provided. Terminal blocks with self-contained pressure-type connectors are not acceptable.
- 7.2 General Electric Type EB-25 or Marathon Type 500 or approved equivalent terminal blocks shall be provided furnished with white markings strips for identification of terminal wires for all connections except current transformer. Modular assembly style terminal blocks are not acceptable.
- 7.3 For current transformer leads, General Electric Type EB-27 or Marathon Type 1500SC or approved equivalent shall be provided with at least three shorting screws per terminal block. A separate short-circuit type terminal block shall be provided for each set of current transformer leads.
- 7.4 One 4-pole terminal block shall be provided and sized for #6 to #2/0 AWG wire for Owner's single phase, 3-wire, 240/120-volt control power leads.
- 7.5 A minimum of 15 percent spare (but not less than 12 points) terminal points shall be provided in the mechanism housing and cabinet. These points shall be furnished with all connection hardware.
- 7.6 Fuse Holders shall be Marathon RF30AXS (X = 2 for 2 poles, 3 for 3 poles, etc.) series fuse blocks with hard-gripping fuse clips (reinforcing member) and straight slotted silicon bronze screws on each terminal, or approved equivalent.
- 7.7 A single throw disconnect switch shall be installed on all Fuse Holders.

ATTACHMENT B: BID PRICING FORM

Bidder Information:

Name of Company

Address

Phone Number

Email Address

NAICS

**Is the company an N.C.
Certified HUB or DBE
Printed Name**

Title

Signature

Date

Bidders shall submit bids only on the Bid Pricing Forms provided herein, or exact copies thereof. Each bidder must sign the Bid Pricing Form and provide the manufacturer's name, lead time, and item number for each line item. Failure to provide a full and complete Bid Pricing Form, including the required signature, manufacturer's name, lead time, and item number, will result in the bid being deemed non-responsive, as PWC will not have the necessary information to properly evaluate the bids.

Company Name: _____

May extend quantity to awarded bidder within 12-months of being awarded bid.

Item #	QTY.	UOM	DESCRIPTION	UNIT PRICE
1	18	E.A.	27KV Class 1200 AMP Vacuum Circuit Breakers Magnetically Operated, ARC Flash Resistant Enclosure Manufacturer: _____ Type: _____	\$
2	1	E.A.	North Carolina Sales Tax	

TOTAL EXTENDED PRICE: \$ _____

BID SCHEDULE NO. 1 – Delivery Schedule
Instructions to Bidders, 5. Delivery of Equipment

The price of the materials and equipment set forth herein shall include the cost of delivery of the site at the Bidder's risk. The time of delivery shall be **October 31, 2025**.

Delivery (Number of Days) *

- | | | |
|----|-------------------|--------------------------------------|
| a. | Approval Drawings | _____ 30 Days |
| b. | Final Drawings * | _____ 60 Days |
| c. | Delivery * | _____ before October 31, 2025 |

- Number of consecutive calendar days after receipt of a written order from the Owner.
- Allow two (2) weeks for receipt and return of Approval Drawings

[illegible]

If, in submitting this bid, the bidder has made any exceptions to bid documents, the bidder understands that PWC will evaluate the effect of such exceptions in determining the award of the agreement.

Respectfully submitted this _____ day of _____, 2025.

Name of Bidder

By _____

TITLE

Address of Bidder:

Manufacturer of Proposed Equipment:

Place city and country of Manufacturer Facility:

ATTACHMENT C: CERTIFICATION OF PRIMARY PARTICIPANT REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS

The Primary Participant, _____ (major third party contractor), certifies to the best of its knowledge and belief, that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
2. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
4. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

(If the primary participant is unable to certify to any of the statements in this certification, the participant shall attach an explanation to this certification.)

THE PRIMARY PARTICIPANT _____ CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF THE CONTENTS OF THE STATEMENTS SUBMITTED ON OR WITH THIS CERTIFICATION AND UNDERSTANDS THAT THE PROVISIONS OF 31 U.S.C. SECTIONS 3801 ET. SEQ. ARE APPLICABLE THERETO.

Signature

Title

Printed Name

Date

PWC At a Glance



Customers



- In operation since 1905 (117 years)
- Provide Electric, Water and Wastewater Services
- Total Customers: 119,788
- Number of Services: 284,395
 - Electric: 82,376
 - Water: 90,548
 - Wastewater: 90,226
- Customers with 2+ services: 75%
- Annual Customer Turnover: 20-25%

Customer Service



- Annual Customer Contacts: 444,622
- Average Monthly Calls: 30,468
- Annual Bills Generated: 1.4 Million
- Customer Incentive Programs: 13
- Annual Water Leak Notifications: 22,476 (19.4 million gal)

Employees



- Number of Employees: 622
- Average Tenure of Employees: 10.33 years
- Average Age: 44.77
- Annual Turnover: 9.6%*
- Annual Hours Worked: 1.3 Million

*non retirement

Facilities



- Butler-Warner Generation Plant (268 MW)
- PO Hoffer Water Treatment Facility (39.5 MGD)
- Glenville Lake Water Treatment Facility (18.0 MGD)
- Cross Creek Water Reclamation Facility (25 MGD)
- Rockfish Creek Water Reclamation Facility (21 MGD)
- Electric Service Area: 147 Sq. Miles
- Water Service Area: 115 Sq. Miles
- Wastewater Service Area: 108 Sq. Miles

Electric Operations



- Purchase Wholesale Power from Duke Energy
- Only NC municipal system to own/operate a generation plant (Dispatched for use by Duke Energy)
- Generation Capacity: 268 MW
- Annual MWH Sold: 1.9 Million
- System Peak: 499 MW (Feb. 9, 2015)
- Reliability Rate: 99.97%
- Electric Distribution Substations: 32
- Distribution Lines: 1,351 miles
- Transmission Lines: 123 miles
- Streetlights/Area Lights: 37,580

Water/Wastewater Operations



- Population Served: 225,000
- Drinking Water Treated: 10.6 Billion Gallons/Year
- 100% Compliant for all EPA Drinking Water Standards
- Daily Water Treatment Capacity: 57.5 MG/Day
- Daily Wastewater Treatment Capacity: 46 MG/Day
- Water/Wastewater Infrastructure: 2,772 miles
- Hydrants: 8,423
- Sanitary Sewer Lift Stations: 78
- Manholes: 32,855

Financial



- Annual Operating Budget: \$397.5 Million
- Total Assets: \$1.5 Billion
- Bond Rating: Aa2 (Moody's), AA (Standard & Poor) AA (Fitch)
- Annual Local Purchases: \$9.4 Million
- Operations & Maintenance Expenses per Customer: \$505 (\$557 National Median)
- Annual Cash Contributions to City of Fayetteville in Lieu of Taxes: \$12.4 Million
- Annual Streetlight Services: \$3.9 Million
- Annual Annexation Construction Costs: \$5.9 Million
- Total Annual Contributions to City of Fayetteville: \$24.1 Million

SALE OF GOODS AGREEMENT

This Sale of Goods Agreement ("Agreement") is made by and between the City of Fayetteville (the "City"), by and through the Fayetteville Public Works Commission ("PWC"), a North Carolina public authority, and [insert seller's full legal name] ("Seller"), a [identify the legal entity and State in which formation was accomplished] (each of PWC and Seller is a "Party" and both are collectively the "Parties") as of the date of execution last written below (the "Effective Date"). In consideration of the mutual covenants and agreements contained herein, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, The Parties agree as follows:

1. Sale of Goods. Seller shall sell to PWC and PWC shall purchase from Seller the following [Identify the goods specifically] (the "Goods"). PWC may issue a purchase order for the Goods that specifies any additional applicable terms and conditions set forth for the purchase (a "Purchase Order"), but such Purchase Order is subject to the terms of this Agreement. In the event of a conflict between the provisions of this Agreement and the provisions of any Contract Documents, attachment, exhibit or Purchase Order made pursuant to this Agreement, the terms of this Agreement shall govern.

2. Contract Documents. "Contract Documents" means, collectively, the following documents that were either made available to Seller by PWC during the bid solicitation process (including Drawings) or executed by the Parties, or both, which are all incorporated by reference herein:

- a. This Agreement
- b. Notice to Prospective Bidders
- c. Definitions
- d. Instructions to Bidders
- e. General Conditions
- f. Materialman's Proposal
- g. Bid Bond
- h. Technical Specifications
- i. Purchase Order(s)
- j. Addenda

3. Delivery of Goods. Seller shall deliver the Goods [EITHER: "on or before _____" OR "as specified in the Contract Documents or an applicable Purchase Order issued by PWC" OR "as otherwise agreed in writing by the Parties"] (the "Delivery Date"). Timely delivery of the Goods is of the essence. If Seller fails to deliver the Goods on or before the Delivery Date, PWC may, without any liability to Seller, terminate this Agreement immediately by providing written notice to Seller. Unless otherwise specified in an applicable Purchase Order or the Contract Documents, excluding this Agreement, all Goods shall be delivered to PWC's Warehouse at 955 Old Wilmington Road, Fayetteville, North Carolina 28301 (the "Delivery Point") during PWC's normal business hours. Delivery shall be made FOB Delivery Point.

4. Title and Risk of Loss. Title of the Goods passes to PWC upon delivery of the Goods to the Delivery Point. Seller bears all risk of loss or damage to the Goods until delivery of the Goods to the Delivery Point.

5. Packaging. Seller shall properly pack, mark, and ship the Goods as instructed by PWC and otherwise in accordance with applicable law and industry standards and shall provide PWC with all shipment documentation showing the quantity of pieces in shipment, the number of cartons or containers in shipment, Seller's name, the airway bill or bill of lading number, and the state of origin.

6. Inspection and Rejection of Nonconforming Goods. PWC has the right to inspect the Goods on or after the Delivery Date. PWC, at its sole option, may inspect all or a sample of the Goods, and may reject all or any portion of the Goods if it determines the Goods are nonconforming or defective. If PWC rejects any portion of the Goods, PWC has the right, effective upon written notice to Seller, to: (a) terminate this Agreement in its entirety and require Seller to remove the Goods in a commercially reasonable time period or pay the full cost and expense to have the rejected Goods returned to Seller; or (b) reject the Goods and require replacement of the rejected Goods at Seller's sole expense. If PWC requires replacement of the Goods, Seller shall, at its sole expense and in the lesser of ninety (90) days or the number of days between any applicable Purchase Order of PWC and the Delivery Date, replace the nonconforming Goods and pay for all related expenses, including, but not limited to, transportation charges for the return of the defective goods and the delivery of replacement Goods. Any inspection or other action by PWC under this Section shall not reduce or otherwise affect Seller's obligations under this Agreement, including Seller's warranties, and PWC shall have the right to conduct further inspections after Seller has carried out its remedial actions.

7. Price. PWC shall purchase the Goods from Seller in the total amount of \$_____ ("Price"). The Price includes all packaging, transportation costs to the Delivery Location, insurance, fees, and applicable taxes, including, but not limited to, all sales, use, or excise taxes. No increase in the Price is effective, whether due to increased material, labor, transportation costs or otherwise, without the prior written consent of PWC.

8. Billing and Payment. Seller shall invoice PWC within thirty (30) days after the completion of the delivery of the Goods. PWC shall pay the undisputed portion of the invoice within forty-five (45) calendar days after PWC's receipt of the invoice. All payments from PWC to Seller shall be transferred electronically to Seller's designated financial institution, and Seller shall, prior to delivery of its invoice to PWC, supply the name of Seller's financial institution, routing number, and account number on the form available from PWC and provide to PWC a completed and signed IRS Form W-9. Seller has the right to impose a late payment charge of one percent (1%) per month for amounts unpaid by PWC by the date due.

Provider shall comply with all of the following requirements so that PWC may recover the full amount of sales and use tax under North Carolina law permitted under the law:

- a. Furnish PWC documentary evidence showing the material used, sales tax paid, and County paid (County of sale). The documentary evidence shall include Provider's certified statement showing total purchases of materials from each separate vendor and total sales taxes charged to PWC and paid by Provider. The documentary evidence shall also include Provider's certified statement as to the amount paid by PWC for sales tax on the Goods. A certified form is required even if no sales tax was paid for the pay request period. Materials used from Provider's warehouse stock shall be shown in a

- certified statement at warehouse stock prices and amount of County of Use Tax charged to PWC and paid by Provider;
- b. Provider shall furnish to PWC invoices or copies of invoices for all materials purchased for said work within pay request period, and such invoices shall state the amount of North Carolina Sales Tax, if any, paid for the Goods. Provider shall also furnish to PWC invoices identifying the amount paid for the sales and use tax on Services that are subject to such taxation under North Carolina law; and
 - c. Provider shall not include any tax paid on supplies, tools, and equipment that Provider uses to perform its obligations under this Agreement.

9. Warranties. Seller warrants to PWC that for a period of twenty-four (24) months from the Delivery Date, all Goods will: (a) be free from any defects in workmanship, material and design; (b) conform to applicable specifications, drawings, designs, samples and other requirements set forth in the Contract Documents or as specified by PWC and agreed to by Seller; (c) be fit for their intended purpose and operate as intended; (d) be free and clear of all liens, security interests, or other encumbrances; and (e) not infringe or misappropriate any third party's patent or other intellectual property rights. These warranties survive any delivery, inspection, acceptance or payment of or for the Goods by PWC. These warranties are cumulative and in addition to any other warranty provided by law or equity. Any applicable statute of limitations runs from the date of PWC's discovery of the noncompliance of the Goods with the foregoing warranties. If PWC gives Seller notice of noncompliance with this Section 9, Seller shall, at its own cost and expense, within thirty (30) days replace or repair the defective or nonconforming Goods and pay for all related expenses, including, but not limited to, transportation charges for the return of the defective or nonconforming goods to Seller and the delivery of repaired or replacement Goods to PWC.

10. Termination. Notwithstanding any other or additional remedies that may be provided under this Agreement, PWC may terminate this Agreement with immediate effect upon written notice to the Seller, either before or after the acceptance of the Goods, if: (a) Seller repudiates, or threatens to repudiate, any of its obligations under this Agreement; (b) Seller is in breach of, or threatens to breach, any representation, warranty, or covenant of Seller under this Agreement and either the breach cannot be cured or, if the breach can be cured, it is not cured by Seller within a commercially reasonable period of time under the circumstances, in no case exceeding seven (7) days following Seller's receipt of Notice of such breach; (c) Seller fails to, or threatens to fail to, timely deliver Goods conforming to the requirements of, and otherwise in accordance with, the terms and conditions of this Agreement; or (d) Seller becomes insolvent, files a petition for bankruptcy, or commences or has commenced against it proceedings relating to bankruptcy, receivership, reorganization, or assignment for the benefit of creditors. PWC shall be obligated to pay Seller only for work performed and reasonable expenses incurred until delivery of the notice of termination.

11. Insurance. During the term of this Agreement and for a period of three (3) years after the date of this Agreement, Seller shall, at its own expense, maintain and carry insurance in full force and effect that includes, but is not limited to, commercial general liability (including product liability) with limits no less than \$1,000,000 for each occurrence and \$3,000,000 in the aggregate and umbrella liability in a sum no less than \$5,000,000, which insurance shall be placed with insurance companies authorized to do business in the State of North Carolina and rated A minus VII or better by the current edition of Best's Key Rating Guide or otherwise approved in writing by PWC. Prior to delivering any Goods, Seller shall deliver to PWC

certificates of insurance confirming each such coverage, and Seller shall direct its insurers to provide annually to PWC certificates confirming each such coverage during the coverage period. PWC shall be named as an additional insured in the insurance policy. Seller shall not reduce or allow the required insurance coverages to lapse without PWC's prior written approval. All policies for insurance must be endorsed to contain a provision giving PWC a thirty (30) calendar day prior written notice by certified mail of any cancellation of that policy or material reduction in coverage. Should a notice of cancellation be issued for non-payment of premiums or any part thereof, or should Seller fail to provide and maintain certificates as set forth herein, PWC shall have the right, but not the obligation, to pay such premium to the insurance company or to obtain such coverage and to deduct such payment from any sums that may be due or become due to Seller, or to seek reimbursement for said payments from Seller. Any such sums paid by PWC shall be due and payable immediately by Seller upon notice from PWC. The insurance provisions of this Agreement shall not be construed as a limitation on Seller's responsibilities and liabilities pursuant to the terms and conditions of this Agreement.

12. Indemnification. Seller shall indemnify, defend, and hold harmless PWC and its Commissioners, officers, employees, agents, and representatives (collectively, "Indemnitees") from and against all claims, actions, liabilities, damages, losses, costs, and expenses (including, without limitation, injury to or death of any persons and damage to property, economic and consequential damages and attorneys' fees) asserted by one or more third parties against one or more of the Indemnitees arising out of negligent or willful acts, violations of law, infringement of any patent, trademark, trade secret, copyright, or other intellectual property right of a third party, or omissions or breach of the obligations set forth in this Agreement by Seller or any of its employees, agents, representatives, and subcontractors. Seller's obligation to indemnify, defend, and hold harmless the Indemnitees shall survive the termination of this Agreement and shall include the duty to pay for the reasonable attorney's fees and costs associated with defending the Indemnitee(s) by the legal counsel of each Indemnitee's choice.

13. Notices. Any notice which either Party is required or desires to give the other shall be deemed sufficiently given if, in writing, it is delivered personally, or sent by certified U.S. mail, return-receipt requested, postage prepaid, to the addresses listed hereinbelow, or such other address as either Party shall give to the other Party by written notice in accordance herewith. Any notice given herein by personal delivery shall be deemed delivered when received. Any properly addressed notice given herein by certified mail shall be deemed delivered on the third Business Day after the same is deposited in an official United States Post Office, postage prepaid, or if sooner upon the date when the return receipt therefor is signed, or refusal to accept the mailing by the addressee is noted thereon by the postal authorities.

To PWC:
Fayetteville Public Works Commission
Attn: Timothy Bryant, CEO/General Manager
PO Box 1089
Fayetteville, NC 28302

To Seller:
[INSERT MAILING ADDRESS]

14. Compliance. Seller hereby acknowledges that "E-Verify" is the federal E-Verify program operated by the US Department of Homeland Security and other federal agencies which is used to verify the work authorization of newly hired employees pursuant to federal law

and in accordance with Article 2, Chapter 64 of the North Carolina General Statutes. Seller further acknowledges that all employers, as defined by Article 2, Chapter 64 of the North Carolina General Statutes, must use E-Verify and after hiring an employee to work in the United States, shall verify the work authorization of the employee through E-Verify in accordance with NCGS §64-26(a). Seller hereby pledges, attests, and warrants through execution of this Agreement that Seller complies with the requirements of Article 2, Chapter 64 of the North Carolina General Statutes and further pledges, attests, and warrants that all subcontractors currently employed by or subsequently hired by Seller to provide services for PWC shall comply with all E-Verify requirements. Failure to comply with the above requirements shall be considered a breach of this Agreement. Seller hereby further acknowledges that the execution and delivery of this Agreement constitutes Seller's certification to PWC and to the North Carolina State Treasurer that, as of the Effective Date, Seller is not listed on (a) the Final Divestment List created and maintained by the North Carolina Department of State Treasurer pursuant to the Iran Divestment Act of 2015, Chapter 147, Article 6E of the General Statutes of North Carolina (the "Iran Divestment Act"); or (b) the list of companies that the North Carolina State Treasurer determines to be engaged in a boycott of Israel in accordance with Article 6G of Chapter 147 of the General Statutes of North Carolina. Seller represents and warrants to Commission that Seller, and all persons and entities owning (directly or indirectly) an ownership interest in it: (i) are not, and will not become, a person or entity with whom a party is restricted from doing business with under regulations of the Office of Foreign Asset Control ("OFAC") of the Department of the Treasury (including, but not limited to, those named on OFAC's Specially Designated and Blocked Persons list) or under any statute, executive order (including, but not limited to, the September 24, 2001, Executive Order 13224 Blocking Property and Prohibiting Transactions with Persons Who Commit, Threaten to Commit, or Support Terrorism), or other governmental action; and (ii) are not knowingly engaged in, and will not knowingly engage in, any dealings or transactions or be otherwise associated with such persons or entities described in clause (i) above. Seller also shall at all times during the term of this Agreement comply with Executive Order 11246, including but not limited to the Equal Opportunity Clause requirements set forth in 41 C.F.R. § 60-1.4. Seller shall abide by the requirements of 41 CFR 60-300.5(a) and 60-741.5(a) prohibiting discrimination against qualified individuals on the basis of protected veteran status or disability and requiring affirmative action by covered prime contractors and subcontractors to employ and advance in employment qualified protected veterans and individuals with disabilities.

15. Cumulative Remedies. All rights and remedies provided in this Agreement are cumulative and not exclusive, and the exercise by either Party of any right or remedy does not preclude the exercise of any other rights or remedies that may now or subsequently be available at law or in equity.

16. Miscellaneous Provisions. Seller is and shall remain an independent contractor. Nothing contained in this Agreement shall be deemed or construed to create the relationship of principal and agent or of partnership or of joint venture or of any association whatsoever between the Parties. No breach or non-performance of any term of this Agreement shall be deemed to be waived by either Party unless said breach or non-performance is waived in writing and signed by the Parties. No waiver of any breach or non-performance under this Agreement shall be deemed to constitute a waiver of any subsequent breach or non-performance, and for any such breach or non-performance each Party shall be entitled to such remedies as provided by law. No consent or waiver by a Party shall be effective unless it is in writing and then only to the extent specifically stated. The invalidity, illegality, or un-enforceability of any portion or provision of this Agreement shall in no way affect the validity, legality, and/or enforceability of

any other portion or provision of this Agreement. Any invalid, illegal, or unenforceable provision of this Agreement shall be deemed severed from this Agreement, and the balance of the Agreement shall be construed and enforced the same as if the Agreement had not contained any portion or provision which was invalid, illegal, or unenforceable; provided, however, severability shall not prevent this entire Agreement from being void in the event any portion or provision of this Agreement that is of the essence of this Agreement shall be void. This is the entire agreement of the Parties on the subject matter hereof, and all prior negotiations, representations, proposals, letters, agreements, understandings, or other communications between the Parties, whether written or oral, are hereby merged into the Agreement and superseded by this Agreement. This Agreement shall not be modified unless such modifications are evidenced in writing, signed by both Parties. Nothing herein shall be construed to give any right or benefits hereunder to anyone other than the Parties. This Agreement shall be governed by the laws of the State of North Carolina without the application of the laws of any other state. The exclusive venue for all mediations and litigation and any other legal proceedings regarding this Agreement shall be the State and Federal Courts serving Cumberland County, North Carolina, and Seller consents to personal jurisdiction in such courts. Seller irrevocably waives, to the fullest extent permitted by law, any objection that it may now or hereafter have to the laying of the venue of any such suit, action or proceeding in any such court serving Cumberland County or that any such suit, action or proceeding brought in any such court serving Cumberland County has been brought in an inconvenient forum. This Agreement may be executed in counterparts with the same effect as if the signatures to each counterpart were upon a single instrument, and all such counterparts together shall be deemed an original of this Agreement. For purposes of this Agreement, a facsimile copy or scanned copy or photocopy of a party's signature shall be sufficient to bind such party. This Agreement shall be subject to execution by electronic means in accordance with Article 40 of Chapter 66 of the North Carolina General Statutes. The titles of the paragraphs throughout this Agreement are for convenience only and the words contained therein shall in no way be held to explain, modify, amplify, or aid in the interpretation, construction, or meaning of the provisions of this instrument.

17. Assignment. Seller shall not assign, transfer, or convey any part of the Agreement, including rights or obligations, to a third party without obtaining the prior written approval of PWC in its discretion. The prohibition on assignment includes an assignment of payments that may become due under the Agreement. Any unauthorized assignment shall be deemed to be a material breach of this Agreement. An approved assignment shall not relieve Seller of its responsibilities under the terms hereof unless explicitly stated in writing by PWC.

18. Conflicts. Except with PWC's knowledge and prior written consent, Seller shall not engage in any activity or accept any employment, interest or contribution that would reasonably appear to compromise Seller's professional judgment with respect to the Goods. Seller shall disclose to PWC any business or personal relationship with any Commissioner, officer, director, manager, or supervisor of PWC.

IN WITNESS WHEREOF, the Parties have executed this Agreement by their duly authorized representatives as of the Effective Date.

Fayetteville Public Works Commission

[INSERT SELLER'S FULL LEGAL NAME]

By: _____
Timothy Bryant, CEO/General Manager

By: _____
_____, _____

(Printed Name)

(Title)

Date: _____

Date: _____

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act (N.C. Gen. Stat. § 159-1 et seq.).

By: _____
Rhonda Graham, Chief Financial Officer

Approved as to form:

Legal Dept.

SAMPLE

FAYETTEVILLE PUBLIC WORKS COMMISSION'S MWDBE COMPLIANCE PROVISIONS

APPLICATION:

The requirements of Fayetteville Public Works Commission (PWC) Minority, Women, and Disadvantaged Business Enterprise (MWDBE) Program for participation specific contracts are hereby made part of the Contract Documents. Copies of the Program may be obtained from:

Fayetteville Public Works Commission
Economic Inclusion Programs
P.O. Box 1089
Fayetteville, North Carolina 28302
Phone (910) 223-4016 Fax (910) 483-1429
E-mail: EIProgram@faypwc.com

NCDOT DBE Directory: www.ebs.nc.gov/VendorDirectory

HUB Directory: <https://ncadmin.nc.gov/businesses/hub>

MWDBE Compliance Requirements:

1. The Bidder shall provide, with their Bid Form, at the time bids are due, the documents set forth below, properly executed. Returning executed copies indicates and establishes that the Bidder understands and agrees to any incorporated MWDBE contract provisions.
2. All Bidders must provide with their Bid Form, at the time bids are due, a properly completed and executed copy of **either:**
 - Affidavit A – Listing of Good-Faith Efforts **OR**
 - *Affidavit B – Intent to Self-Perform with Own Workforce.

*Affidavit B should **only** be used if the Contractor will perform **ALL Elements** of the Work on this project with their own forces **AND** will complete **ALL Elements** of this project **WITHOUT** the use of subcontractors, material suppliers, or providers of professional services.
3. Upon being identified as the apparent lowest responsive, responsible Bidder, a Bidder shall, within twenty-four (24) hours of PWC's notification provide a properly completed and executed copy of **either:**
 - Affidavit C – Percentage of MWDBE Participation **OR**
 - Affidavit D – Good-Faith Efforts.
4. All Bidders must provide with their Bid Form, at the time bids are due, a properly completed and executed copy of Affidavit E- Identification of MWDBE/Local Participation Form

All written statements, certifications, or intentions made by the Bidder shall become a part of the agreement between the Contractor and Fayetteville Public Works Commission for performance of this contract.

SUBCONTRACTOR PAYMENT REQUIREMENTS:

North Carolina General Statutes 143-134.1 (N.C.G.S.) states that the percentage of retainage on payments made by the prime contractor to the subcontractor shall not exceed the percentage of retainage on payments made by the Fayetteville Public Works Commission to the prime contractor. Failure to comply with this provision shall be considered a breach of the contract, and the contract may be terminated in accordance with the termination provisions of the contract.

The Contractor shall provide an itemized statement of payments to each MWDBE subcontractor before final payment is processed.

The Contractor shall provide an itemized statement of payments to each NON-MWDBE subcontractor before final payment is processed.

Contractor

Signature

Printed Name

Title

Date

Affidavit A: Listing of the Good Faith Efforts

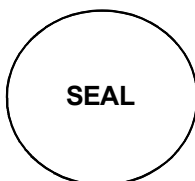
Affidavit of _____
(Name of Bidder)

I have made a good faith effort to comply under the following areas checked:

Points		
Total Available GFE Points: 155		Minimum Number GFE Points <i>Required</i>: 50
	10	Contacting minority businesses that reasonably could have been expected to submit a quote and that were known to the contractor or available on State or local government-maintained lists at least 10 days before the bid or proposal date and notifying them of the nature and scope of the work to be performed.
	10	Making the construction plans, specifications and requirements available for review by prospective minority businesses or providing these documents to them at least 10 days before the bid or proposals are due.
	15	Breaking down or combining elements of work into economically feasible units to facilitate minority participation.
	10	Working with minority trade, community, or contractor organizations identified by the Office for Historically Underutilized Businesses and included in the bid documents that provide assistance in recruitment of minority businesses.
	10	Attending any pre-bid meetings scheduled by the public owner.
	20	Providing assistance in getting required bonding or insurance or providing alternatives to bonding or insurance for subcontractors.
	15	Negotiating in good faith with interested minority businesses and not rejecting them as unqualified without sound reasons based on their capabilities. Any rejection of a minority business based on lack of qualification should have the reasons documented in writing.
	25	Providing assistance to an otherwise qualified minority business in need of equipment, loan capital, lines of credit, or joint pay agreements to secure loans, supplies, or letters of credit, including waiving credit that is ordinarily required. Assisting minority businesses in obtaining the same unit pricing with the bidder's suppliers in order to help minority businesses in establishing credit.
	20	Negotiating joint venture and partnership arrangements with minority businesses in order to increase opportunities for minority business participation on a public construction or repair project when possible.
	20	Providing quick pay agreements and policies to enable minority contractors and suppliers to meet cash-flow demands.
Total GFE Points (Claimed by Bidder):		Total GFE Points (Assessed by PWC):

In accordance with NCGS 143-128.2(d) the undersigned will enter into a formal agreement with the firms listed in the Identification of Small Disadvantaged Business Participation schedule conditional upon execution of a contract with the Owner. Failure to abide by any applicable statutory provision may constitute a breach of the contract. The undersigned hereby certifies that he or she has read the terms of the MWDBE business commitment and is authorized to bind the Bidder to the commitment herein set forth.

Date: _____ Name of Authorized Officer: _____



State of _____, County of _____

Subscribed and sworn to before me this _____ day of 20____

Notary Public _____

My commission expires _____

Affidavit B: Intent to Perform Contract with Own Workforce

Affidavit of _____
(Name of Bidder)

I hereby certify that it is our intent to perform 100% of the work required for contract:

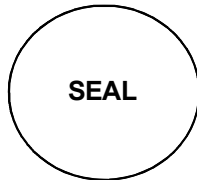
(Name of Project)

In making this certification, the Bidder states that the Bidder does not customarily subcontract elements of this type project, and normally performs and has the capability to perform and will perform **all elements of the work** on this project with his/her own current workforces; and will complete all elements of this project **without** the use of subcontractors, material suppliers, or providers of professional services.

The Bidder agrees to provide any additional information or documentation requested by the Owner in support of the above statement.

The undersigned hereby certifies that he or she has read this certification and is authorized to bind the Bidder to the commitments herein contained.

Date: _____ Name of Authorized Officer: _____



State of _____, County of _____

Subscribed and sworn to before me this _____ day of 20____

Notary Public _____

My commission expires _____

Affidavit C: Percentage of MWDBE Participation

Affidavit of _____
(Name of Bidder)

I hereby certify that on contract: _____
(Name of Project)

\$ _____
(Dollar Amount of Total Bid)

I will expend a minimum of _____% of the total dollar amount of the contract with Minority, Women, and Disadvantaged Business Enterprises (MWDBE). MWDBEs will be employed as subcontractors, vendors, or providers of professional services. Such work will be subcontracted to the following firms listed below.

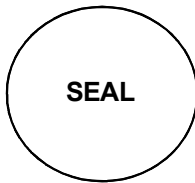
<u>Name, Address, & Phone No.</u>	<u>EIN</u>	<u>*MWDBE Category</u>	<u>NAICS</u>	<u>Dollar Value</u>	<u>% of Contract</u>

*MWDBE categories: Black-African Americans (B), Hispanic-Americans (H), Asian- Americans (A), Native-Americans (I), Women (F), Socially/Economically Disadvantaged (D)

Pursuant to NCGS 143-128.2(d), the undersigned will enter into a formal agreement with MWDBEs for work listed in this schedule conditional upon execution of a contract with the Owner. Failure to fulfill this commitment may constitute a breach of the contract.

The undersigned hereby certifies that he or she has read the terms of this commitment and is authorized to bind the Bidder to the commitment herein set forth.

Date: _____ Name of Authorized Officer: _____



State of _____, County of _____

Subscribed and sworn to before me this _____ day of 20____

Notary Public _____

My commission expires _____

Affidavit D: Good Faith Efforts

If Owner determines using reasonable discretion that Affidavit C is insufficient, Bidder agrees to provide the following information regarding any good-faith efforts.

<u>Name, Address, & Phone</u> <u>No.</u>	<u>EIN</u>	<u>*MWDBE</u> <u>Category</u>	<u>NAICS</u>	<u>Dollar Value</u>

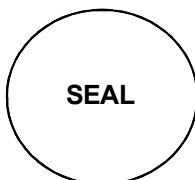
*MWDBE categories: Black-African Americans (B), Hispanic-Americans (H), Asian- Americans (A), Native-Americans (I), Women (F), Socially/Economically Disadvantaged (D)

Bidder may be requested to provide documentation of the Bidder's good-faith efforts. Examples of documentation may include the following:

- Copies of solicitations for quotes to MWDBEs. Each solicitation may include a specific description of the work to be subcontracted, location where bid documents can be reviewed, representative of the Prime Bidder to contact, and location, date and time when quotes must be received.
- Copies of quotes or responses received from each firm responding to the solicitation.
- A telephone log of follow-up calls to each firm sent a solicitation.
- For subcontracts where a MWDBE is not considered the lowest responsible sub- bidder, copies of quotes received from all firms submitting quotes for that particular subcontract.
- Documentation of any contacts or correspondence to MWDBE, community or contractor organizations in an attempt to meet the goal.
- Copy of pre-bid roster.
- Letter documenting efforts to provide assistance in obtaining required bonding or insurance for MWDBEs.
- Letter detailing reasons for rejection of a MWDBE due to lack of qualification.
- Letter documenting proposed assistance offered to MWDBEs in need of equipment, loan capital, lines of credit, or joint pay agreements to secure loans, supplies, or letter of credit, including waiving credit that is ordinarily required.

Failure to provide the documentation as listed in these provisions may result in rejection of the bid and award to the next lowest responsible and responsive Bidder.

Date: _____ Name of Authorized Officer: _____



State of _____, County of _____

Subscribed and sworn to before me this _____ day of 20____
Notary Public _____

My commission expires _____

Affidavit E: Identification of MWDBE/Local Participation

(Name of Bidder)

I hereby certify that on contract: _____

(Name of Project)

We will use the following Minority, Women, and Disadvantaged Business Enterprises (MWDBE), and Local (Cumberland, Hoke, Harnett County) as construction subcontractors, vendors, suppliers, or providers of professional services.

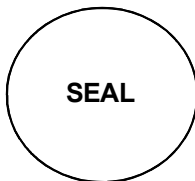
<u>Name, Address, & Phone</u> <u>No.</u>	<u>EIN</u>	<u>*MWDBE Category /</u> <u>**Local</u>	<u>NAICS</u>	<u>Dollar Value</u>

*MWDBE categories: Black-African Americans (B), Hispanic-Americans (H), Asian- Americans (A), Native-Americans (I), Women (F), Socially/Economically Disadvantaged (D)

**Local: Fayetteville Metropolitan Statistical Area (MSA) comprising of Cumberland County, Hoke County, and Harnett County. PWC is requesting this information for reporting purposes only, and use of local entities will not be considered for compliance with the requirements of the MWDBE Program.

The total value of MWDBE/local business contracting will be \$ _____

Date: _____ Name of Authorized Officer: _____



State of _____, County of _____

Subscribed and sworn to before me this _____ day of 20____

Notary Public _____

My commission expires _____

**FAYETTEVILLE PUBLIC WORKS COMMISSION
MWDBE ADD / CHANGE FORM**

If a MWDBE subcontractor fails to complete work under the subcontract for any reason, the recipient must require the prime contractor to employ the good faith efforts set forth in the MWDBE Program if soliciting a replacement or additional subcontractor.

For MWDBE Change Request, please provide all information below:

Prime Contractor: _____

Subcontracted Work: _____

Previous Subcontractor: _____

Reason this for change request:

New Subcontractor: _____

EIN: _____

MWDBE Category: _____

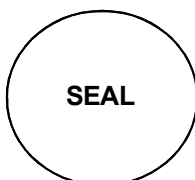
To Add MWDBE Subcontractor/Subcontracted work:

If this is a new trade being subcontracted or a subcontractor that was not documented in the original Project Bid Information submittal, then good faith efforts to solicit a MWDBE must be documented, as the original MWDBE instructions indicate. Please provide all good faith efforts below showing all the MWDBE firms contacted to perform this work along with any additional good faith efforts or evidence that there are not reasonably available firms in the work area. PWC's MWDBE Program requires that good faith efforts are to be carried out to the fullest extent practicable. If solicitations were not carried out due to being impracticable, please attach this explanation to this form.

Name, Address, & Contact Information	EIN	MBE or WBE and Certifying agency	How was this firm contacted (email, letter, or Phone) and what was the result of the solicitation? *

*Must submit copies of emails or letters. If phone calls were made this sheet can serve as documentation of calls

Date: _____ Name of Authorized Officer: _____



State of _____, County of _____

Subscribed and sworn to before me this _____ day of 20____

Notary Public _____

My commission expires _____

SMALL LOCAL SUPPLIER / MWDBE SUBCONTRACTOR
DISCLOSURE FORM

Contractor: _____
Address & Phone: _____
Project: _____
Name: _____
Pay Application # _____

Please complete the below form by providing the necessary information for the payments made to each subcontractor, vendor, or supplier for the work associated with the identified pay application. This form must be fully completed and attached to each pay application.

Firm Name, Address, and Contact Information	Payment Amount	Type of Work/Commodity (Include NAICS Code)

Signature

_____, _____
Printed Name Title

Date

ATTACHMENT H: BID SUBMITTAL CHECKLIST

To ensure your bid is considered for evaluation and potential award, the following forms and required information must be submitted in full. Each item on this checklist must be completed and provided with your bid response. Failure to submit any required documentation or information may result in disqualification. Please carefully review the checklist to confirm all required materials are included before submitting your bid.

- ☐ 1. Properly Marked Sealed Bid (Submission Instructions paragraph 4)
- ☐ 2. Descriptive Literature (Attachment A)
- ☐ 3. Deviations, if applicable (Attachment A)
- ☐ 4. Attachment B Company Information (completed and signed)
- ☐ 5. Attachment B Manufacturer Information (provided)
- ☐ 6. Attachment B Type Information (provided)
- ☐ 7. Attachment B Unit Price Information (provided)
- ☐ 8. Attachment B Sales Tax Information (provided)
- ☐ 9. Attachment B Extended Price (provided)
- ☐ 10. Attachment C (completed and signed) or Explanation (provided)
- ☐ 11. MWDBE Affidavit A or Affidavit B (completed and notarized)
- ☐ 12. MWDBE Affidavit E (completed and notarized)
- ☐ 13. Addendum 1, if applicable (acknowledged and signed)
- ☐ 14. Addendum 2, if applicable (acknowledged and signed)
- ☐ 15. Addendum 3, if applicable (acknowledged and signed)
- ☐ 16. Addendum 4, if applicable (acknowledged and signed)