FAYETTEVILLE PUBLIC WORKS COMMISSION

PROCUREMENT DEPARTMENT

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Bid Addendum

PWC Number:	PWC2627022
Bid Title:	FOUR 230/66KV AUTOTRANSFORMER 201.6/268.8/336 MVA AT 65C
Bid Opening Date and Time:	Wednesday, December 9, 2026, 2:00 p.m.
Addendum Number:	1
Addendum Date:	November 9, 2026
Procurement Advisor:	*Candice Kirtz* *procurement@faypwc.com*

1. Addenda acknowledgement is required within the IFB Bid Pricing Form.
2. The solicitation is hereby modified as follows:

M1 **IFB Schedule.** The IFB Schedule is deleted in its entirety and replaced with the following revised schedule. Revised dates are shown in red for ease of reference.

Action	Date/Time
Advertisement Date	Tuesday, October 20, 2026
Question Deadline	**Tuesday, November 17, 2026, 5:00 p.m.**
Addendum Deadline	**Tuesday, November 24, 2026, 5:00 p.m.**
Bid Opening	**Wednesday, December 9, 2026, 2:00 p.m.**
Target PWC Board of Commissioners Meeting	**Wednesday, January 13, 2027**
Target City Council Meeting	**Monday, January 25, 2027**
Anticipated Award /Sale of Goods Agreement	**February 2027**
Preferred Delivery (specifics in Attachment B)	February 2031, March 2031, April 2031

M2 **Attachment A, Technical Specifications, Section j.i, Core.** The conflicting core-shape language is deleted and replaced with the following:
"The core shall be cruciform or circular in shape. Obround, oval, and elliptically shaped cores are not acceptable."

M3 **Attachment A, Technical Specifications, Tertiary Winding References.** The Technical Specifications are clarified as follows: References to the tertiary as the "Y" winding identify PWC's winding and bushing designation and do not describe the electrical winding configuration. The tertiary winding shall be Delta-connected, as shown in the applicable winding table and design requirements. See reference image on page 7.

M4 **Evaluation and Award, Item 6.** For this IFB, PWC intends to make one award to a single bidder for all four transformers. Bidders shall submit pricing for all four items identified in Attachment B. The provision permitting PWC to award separate contracts to multiple bidders for various items does not apply to this IFB.

M5 **Attachment A, Technical Specifications, Section j(vi), Sound Level.** The reference to a "120-MVA self-cooled rating" is deleted and replaced with "180-MVA self-cooled rating at 55°C rise." The maximum sound level of 72 dBA applies at this rating.

M6 **Attachment A, Technical Specifications, Bushing Current Transformers.** The bushing CT requirements are revised to require two (2) sets of 1200:5 CTs per H bushing, two (2) sets of 2000:5 CTs per X bushing, one (1) 2000:5 CT on the H0X0 neutral, and one (1) 2000:5 CT on the tertiary. This requirement supersedes conflicting bushing CT quantities or ratios elsewhere in Attachment A.

3. Following are questions received about the solicitation and the SME's answers to the questions.

Q1 Could you grant a 2 week extension?
A1 Yes. The bid schedule has been extended. See M1 for the revised IFB Schedule.

Q2 Do you have geographical limitations for this bid?
A2 No. PWC has not established geographic limitations for bidders or manufacturers under this IFB. Bidders must meet all requirements of the IFB and Technical Specifications.

Q3 The project asks for three references showing experience supplying the same or similar equipment. Would references for comparable autotransformers or other large power transformers supplied and commissioned outside the U.S. be acceptable, or would those units need to have been commissioned here in the U.S.?
A3 References are recommended but are not required for bid submission. A bid will not be deemed nonresponsive solely because customer references were not submitted. PWC may request additional information or references during evaluation as permitted by the IFB.

Q4 Is there union labor requirement on the site ?
A4 No union labor requirement has been established by PWC for this IFB. The successful bidder remains responsible for complying with all applicable laws and the requirements of the IFB and Technical Specifications.

Q5 Will the lead time be part of the bid evaluation ? What is the weight ?
A5 PWC's preferred delivery schedule is identified in the IFB and Attachment B and was developed based on anticipated transformer manufacturing lead times. Bidders shall provide their actual delivery commitments in the Delivery Commitment section of Attachment B. A bidder will not be rejected solely because its proposed delivery schedule differs from PWC's preferred schedule. Lead time has not been assigned a separate numerical weight. However, PWC will review the proposed delivery schedule in evaluating the bidder's ability to satisfy the requirements and operational needs of the IFB.

Q6 How early the sites can receive the units ?
A6 PWC can accommodate delivery earlier than the preferred 2031 dates. The following three POD substations are currently ready to receive transformers:

- POD1: 2842 Cumberland Road, Fayetteville, NC 28306
- POD2/BWGP: 2274 Custer Ave, Fayetteville, NC 28312
- POD3 Waters Edge: 6400 Cliffdale Road, Fayetteville, NC 28314

PWC anticipates that it could accept delivery of up to two transformers in 2027 and the remaining two transformers in 2028, subject to coordination of the specific delivery site, approved drawings, manufacturing schedule, and required delivery, placement, assembly, and testing activities. Bidders shall provide their actual delivery commitments in Attachment B.

Q7 Can the transformers and its parts made in China acceptable ?
A7 PWC has not established a geographic or country-of-origin restriction under this IFB. Regardless of manufacturing location or component origin, the bidder is responsible for meeting all requirements of the IFB and Technical Specifications.

Q8 Is the pricing must be firm for 2031 deliveries ?

A8 Firm pricing for the anticipated delivery period is preferred; however, the IFB permits bidders to propose a price-adjustment methodology in accordance with the **QUANTITIES AND PRICING**

section. Any proposed adjustment methodology must be disclosed with the bid and comply with all requirements of that section. If a bidder does not identify a requested adjustment methodology in its bid, the bidder is agreeing that its pricing will remain firm for the duration of the Agreement.

Q9 Confirm if the bid bond is needed. Can you provide a bid bond form/requirement ?

A9 No bid bond is required for this IFB.

Q10 Will the RIP/RIS bushings be acceptable instead of the Porcelain OIP?

A10 No. The specified porcelain OIP bushings are required. RIP/RIS bushings will not be accepted.

Q11 Qualification of a new manufacturer. Evaluation and Award, Item 5 says products "shall be evaluated for compliance with the published Material Specifications, regardless of whether the manufacturer or product has been previously evaluated by PWC."

Please confirm that a U.S. manufacturer with a new production facility, and therefore a limited installed base, is eligible to bid and be found responsible. If PWC applies minimum experience criteria (years in business, units shipped, or an approved-manufacturer list) beyond those stated in the IFB, please identify them.

A11 A manufacturer with a new production facility is eligible to submit a bid. PWC has not established a minimum number of years in business, minimum number of units shipped, or approved-manufacturer list beyond the requirements stated in the IFB. The bidder must provide sufficient information for PWC to evaluate the proposed transformer's compliance with the Technical Specifications and the manufacturer's capability to perform the work.

Information concerning similar autotransformers produced, shipment destinations, service history, known failures, manufacturing personnel experience, quality-control procedures, testing capability, and utility customer experience may be considered during PWC's responsibility and technical evaluation. PWC may request additional supporting information during evaluation as permitted by the IFB.

Q12 Service history and short-circuit demonstration. Attachment A, Tests, Item xi lists methods (1) through (4) for demonstrating short-circuit strength, and method (4) allows a bidder to "so state in the Proposal" if no test data exists. Attachment H, Item 2 calls for "documentation of transformer service history and short-circuit testing experience."

Will PWC accept the following as responsive in place of a fleet service record? (a) A design-review package with short-circuit withstand calculations per IEEE C57.12.00 and C57.12.90. (b) A commitment to perform a short-circuit test on a unit of the proposed design, or a design-review audit by a third party. (c) The documented experience of our engineering and manufacturing team, which has more than 500 years of combined large power transformer design and build experience.

A12 Yes. PWC will accept a design-review package containing short-circuit withstand calculations prepared in accordance with IEEE C57.12.00 and IEEE C57.12.90, together with the bidder's proposed third-party design-review or testing commitment and documentation of the engineering and manufacturing team's relevant experience. The submitted documentation must demonstrate that the proposed design, or a design of the same applicable class and sufficiently similar to the transformer specified, meets the short-circuit requirements of the Technical Specifications. PWC reserves the right to request additional substantiating documentation during evaluation.

Q13 Manufacturer Experience fields on Attachment B. Attachment B asks for the "Percent Failure of Last 100 Power Transformers" at factory testing and in the field.

If a manufacturer has built fewer than 100 power transformers, how should these fields be completed? Would a bid that enters "N/A" with an explanation be considered responsive?

A13 If the manufacturer has produced fewer than 100 power transformers, it shall report the requested failure information based on all power transformers produced to date. The response shall identify the total number of transformers represented, the number and percentage that experienced failures during factory testing, and the number and percentage that experienced failures after field installation. The bidder may attach an explanation providing relevant details regarding each reported failure. The bidder should not enter “N/A” solely because fewer than 100 transformers have been produced.

Q14 References. The References section and Attachment H, Item 8 describe references as "recommended but not required."

Please confirm that a bid with no utility customer references will not be rejected as nonresponsive. Please also confirm whether references for key personnel (for example, prior utility customers of our engineering leads) are acceptable.

A14 References are recommended but are not required for bid submission. A bid will not be deemed nonresponsive solely because customer references were not submitted. References for key personnel may be provided as supplemental information but are not required. PWC may request additional supporting information or references during evaluation as permitted by the IFB.

Q15 Delivery timing and alternate dates. The IFB Schedule and Attachment B list preferred shipment in February to April 2031 "or sooner," and Attachment A, Section 3 says "Delivery shall be made in 2031 or sooner, or the alternate proposed date." However, Submission Instructions, Item 8 says "Do not submit alternate bids unless specifically called for."

Please confirm that a bidder may propose its own delivery dates in the Attachment B Delivery Commitment table without that being treated as an alternate bid or an exception. Specifically, would PWC accept delivery of one or more units as early as Q4 2028, and is there a date before which PWC would be unable to take delivery or provide a ready pad?

A15 Bidders shall provide their actual delivery commitments in the Delivery Commitment section of Attachment B. Providing a delivery commitment that differs from PWC’s preferred shipment dates will not, by itself, be considered an alternate bid or an exception to the IFB. PWC can accommodate the Q4 2028 delivery referenced in the question and may be able to accommodate earlier delivery as described in A6, subject to coordination of the applicable site, site readiness, approved drawings, manufacturing schedule, and required delivery and testing activities. See A5 and A6.

Q16 Early delivery logistics. If units are delivered well before 2031, please clarify how site readiness, storage, and the "Delivery to site, placement, dressing, assembly, and testing" payment milestone (Attachment B) would be handled.

Would PWC accept staggered deliveries by unit on dates other than those listed?

A16 Yes. PWC will accept staggered deliveries by individual transformer on dates coordinated with PWC. Delivery shall not occur until PWC confirms that the applicable site is ready and authorizes shipment. If a transformer is available before the applicable site is ready, the bidder shall coordinate with PWC before shipment; early delivery does not obligate PWC to accept or store the transformer before an authorized delivery date.

The “Delivery to site, placement, dressing, assembly, and testing” payment milestone will become payable in accordance with Attachment B after the applicable activities have been completed and accepted.

Q17 Partial award. Evaluation and Award, Item 6 says PWC may "award separate contracts to multiple bidders for various items."

Please confirm that a bidder may bid on fewer than all four items (Items 1 to 4) and still be considered for award of the items it bids.

A17 No. PWC intends to make one award to a single bidder for all four transformers. Bidders must submit pricing for all four items identified in Attachment B. See M4.

Q18 Domestic manufacture. Does PWC apply any preference, tie-breaker, or evaluation credit for transformers manufactured in the United States (for example, core cutting and stacking, coil winding, and final assembly and test performed at a U.S. factory)? Will the Tariff Disclosure Section on Attachment B be used in evaluation, or is it informational only

A18 No preference, tie-breaker, or evaluation credit will be applied based on domestic manufacture under this IFB. The Tariff Disclosure Section of Attachment B is informational and will not receive separate evaluation credit. The information is requested to identify the extent to which tariffs are reflected in bid pricing.

Q19 Bid security. Section 2.g of the Sale of Goods Agreement (Attachment D) lists a "Bid Bond" as a Contract Document, but the Instructions to Bidders do not state a bid bond or bid deposit requirement. Please confirm whether a bid bond (and its amount), a performance bond, or a payment bond is required for this IFB.

A19 No bid bond, performance bond, or payment bond is required under this IFB. Attachment D is a sample Sale of Goods Agreement and will be conformed to the specific requirements of this IFB prior to execution. References in the sample Agreement to documents or requirements that are not required by the IFB do not independently establish such a requirement.

Q20 Conflicting terms. Please clarify which provision governs in each of the following cases:

(a) Warranty: Attachment A, Item m.ii requires "a full five (5) year warranty," while the Sale of Goods Agreement, Section 9, provides 24 months from the Delivery Date.

(b) Delivery point: Delivery and Payment, Item 1 and Attachment B require F.O.B. Destination to the four POD sites, while the Sale of Goods Agreement, Section 3, names PWC's Warehouse at 955 Old Wilmington Road.

(c) Payment: Attachment B sets milestone payments (15/30/30/20/5), while the Sale of Goods Agreement, Section 8, says Seller "shall invoice PWC within thirty (30) days after the completion of the delivery of the Goods."

(d) Core and tertiary design: Attachment A, Section j.i says the core "shall be of cruciform or circular shape" but that "Round ... shaped cores are not acceptable," and it describes the tertiary as "Delta" in the winding table and as a "tertiary 'Y' copper winding" later. Please confirm the intended core cross-section and tertiary connection.

A20 Attachment D is a sample Sale of Goods Agreement and will be conformed to the specific requirements of this IFB, its addenda, and the successful bid prior to execution. For bidding purposes, the following requirements apply:

(a) Warranty: The full five-year warranty required by Attachment A and Attachment B applies. The final Sale of Goods Agreement will be revised to conform to that requirement.

(b) Delivery Point: Each transformer shall be delivered F.O.B. Destination to the applicable POD site identified by PWC in accordance with the IFB, Attachment A, and Attachment B. The warehouse address stated in the sample Agreement is not the delivery point for the transformers.

(c) Payment: The milestone payment allocation stated in Attachment B applies. The final Sale of Goods Agreement will be revised to incorporate the applicable milestone invoicing, documentation, acceptance, retainage, and payment requirements.

(d) Core and Tertiary Design: The core shall be cruciform or circular in shape. Obround, oval, and elliptically shaped cores are not acceptable. The tertiary winding is Delta-connected. References to the "Y" winding or "Y" bushings identify PWC's winding/bushing designation and do not indicate a Wye-connected tertiary winding. See M2 and M3.

Q21 Sound level. Attachment A, section j(vi), limits sound to 72 dBA at a "120-MVA self-cooled rating," while the units are rated 201.6 MVA self-cooled at 65 °C (180 MVA at 55 °C). Could you clarify which rating the 72 dBA applies to?

A21 The maximum sound level of 72 dBA applies at the 180 MVA self-cooled rating at 55°C rise. See M5.

Q22 Bushing CTs. Attachment A, section j(ix), lists 2 x 1200:5 per H bushing, 2 x 3000:5 per X bushing, and 1 x 1200:5 each on H0X0 and the tertiary, while the control cabinet section lists 3 x 1200:5 per HV bushing, 1 x 2000:5 on the neutral, and 6 x 2000:5 per LV bushing. Could you confirm which schedule we should follow?

A22 The required bushing CT configuration is as follows:

- H bushings: Two (2) sets of 1200:5 CTs per bushing
- X bushings: Two (2) sets of 2000:5 CTs per bushing
- H0X0 neutral: One (1) 2000:5 CT
- Tertiary: One (1) 2000:5 CT

This configuration supersedes conflicting bushing CT quantities or ratios elsewhere in Attachment A. See M6.

Q23 Payment. Attachment B sets milestone payments (15/30/30/20/5), while the Sale of Goods Agreement, section 8, describes one invoice after delivery, paid within 45 days. Could you confirm whether the milestones apply, with the 45-day terms on each milestone invoice?

A23 The milestone payment structure established in Attachment B applies. The 45-day payment term applies to each properly submitted invoice associated with the applicable milestone payment. The final Sale of Goods Agreement will be conformed to reflect the milestone payment structure and applicable payment terms.

Q24 Warranty. Attachment A, section m(ii), calls for five years from final acceptance, while the Agreement, section 9, states 24 months from delivery. Could you confirm which applies, and whether Section 9 would be conformed at contract, or whether bidders should note the difference on Attachment F?

A24 The five-year warranty from final acceptance required by Attachment A applies to all autotransformers furnished under this IFB. The final Sale of Goods Agreement will be revised to conform to the five-year warranty requirement. Bidders are not required to identify the 24-month warranty provision in the sample Sale of Goods Agreement as an exception on Attachment F.

Reference Image for M3 – Tertiary Winding Configuration

