

GREENEVILLE ENERGY AUTHORITY

INVITATION TO BID BEAD FIBER OPTIC ENCLOSURE MOUNTING BRACKETS - GREENE PAU 1-3

BEAD Project No. CM61-BEAD-TN-0062

1. Invitation to Bid

Greeneville Energy Authority (GEA) is requesting sealed electronic competitive bids for the furnishing and delivery of pole-mounting brackets for GEA's network access point (NAP) fiber optic enclosures, for GEA's Broadband Equity, Access, and Deployment (BEAD) projects, including Greene PAU 1. Combined estimated quantities for Greene PAU 1, Greene PAU 2, and Greene PAU 3 are included in the Bid Schedule.

The procurement is expected to exceed \$100,000 and is therefore subject to GEA's competitive procurement procedures and Board approval. GEA intends to seek a minimum of three competitive bids and advertise the solicitation in appropriate media.

Bid Advertisement Date	September 30, 2026
Deadline for Questions	October 15, 2026
Bid Due Date and Time	October 21, 2026 2:00pm Eastern
Bid Opening	October 22, 2026
GEA Contact	Chris Gass, Senior Network Engineer – cgass@mygea.net
Delivery Location(s)	GEA WAREHOUSE
Bid Submission Email	purchasing@mygea.net

Electronic Sealed-Bid Procedure. SEALED ELECTRONIC BID SUBMISSION: Bids must be submitted by email as a password-encrypted electronic file to the email address identified in this solicitation no later than the stated bid deadline. The password must NOT be included in the bid-submission email. After the bid deadline, when GEA begins processing and opening the bids, GEA will contact the bidder and request the password. The bidder shall promptly provide the password only upon GEA's request. Bids that cannot be opened when requested may be deemed non-responsive. Bid contents must remain inaccessible to GEA until the formal bid-opening process.

2. Scope of Supply

The successful bidder shall furnish and deliver new pole-mounting brackets for GEA's NAP-positioned fiber optic enclosures. Brackets shall support the enclosure in a vertical orientation on a wood distribution pole and shall comply with the mandatory requirements below.

GEA's NAP enclosures are AFL APEX X1 units, or equivalent small dome closures of approximately 19 inches in length by 9 inches in diameter, as procured under GEA's separate fiber optic enclosures solicitation. Bidders shall state the enclosure models with which the proposed bracket is compatible. Estimated quantities are shown in the Bid Schedule.

3. Mandatory Technical Requirements

- **Application:** Bracket shall attach to a round wood distribution pole and support one (1) NAP dome enclosure in a fixed vertical orientation, with the cable entry ports at the bottom.
- **Port Access:** No bracket member, strap, band, fastener, or other component shall cross, obstruct, or restrict access to the port face at the base of the enclosure. A minimum of twelve (12) inches of unobstructed clearance shall be provided below the port face for cable entry, bend radius, slack, and re-entry work.
- **Serviceability:** Bracket shall permit removal of the enclosure dome and full access to the splice trays without removing the enclosure body from the bracket and without loosening the pole attachment.
- **Material:** Bracket shall be fabricated of steel or aluminum. Steel shall be hot-dip galvanized after fabrication in accordance with ASTM A123. Aluminum shall be a corrosion-resistant alloy suitable for continuous outdoor exposure. All edges shall be deburred and free of sharp edges that could damage cable jackets.
- **Hardware:** All attachment, retention, and adjustment hardware shall be stainless steel or hot-dip galvanized. Dissimilar metal contact shall be avoided or isolated.
- **Pole Attachment:** Bracket shall attach by stainless steel banding, lag screws, or through-bolts. The bidder shall state the attachment method furnished
- **Enclosure Retention:** Bracket shall retain the enclosure by bolts, clamp, strap, or cradle that grips the enclosure body without deforming or damaging it and shall permit the enclosure to be removed and reinstalled in the field.
- **Structural:** Bracket shall support the fully loaded enclosure together with the weight of entering cable and slack. The bidder shall state the rated design load and the safety factor applied. The installed assembly shall be suitable for the wind and ice loading conditions applicable to GEA's service territory under the National Electrical Safety Code, which is a NESC Medium load factor.
- **Installation:** Bracket shall be installable by one technician from a bucket or ladder using common hand tools. The bidder shall state any special tool required.
- **Packaging:** Brackets shall be furnished as complete kits, with hardware packaged per unit and each kit clearly marked with the part number.

Submittals and material

- **Technical Submittals:** Dimensional drawings, material and finish specification, rated load, unit weight, pole diameter range, and installation instructions must be submitted with the bid. A photograph or drawing showing the enclosure mounted on the bracket with the port face clear shall be included.
- **New Material:** All brackets and hardware must be new, current-production material and free from defects.

4. Basis-of-Design Requirements

GEA's existing NAP mounting practice is the basis of design. Alternate designs or manufacturers may be considered only when the bidder demonstrates, through manufacturer data submitted with the bid, that the proposed bracket meets all mandatory requirements and provides mechanical performance acceptable to GEA for the intended installation.

Parameter	Reference Requirement
Enclosure supported	AFL APEX X1 or equivalent, approximately 19" x 9"
Mounting surface	Round wood distribution pole
Orientation	Vertical, port face down
Clearance below port face	Minimum 12 inches, unobstructed

Parameter	Reference Requirement
Material	Hot-dip galvanized steel (ASTM A123) or corrosion-resistant aluminum
Hardware	Stainless steel or hot-dip galvanized
Attachment	Stainless banding, lag screws, or through-bolts
Capacity	Loaded enclosure plus entering cable and slack

Reference values above identify the basis of design and do not, by themselves, authorize a deviation from the mandatory requirements.

5. Build America, Buy America (BABA) / BEAD Compliance

All equipment furnished for incorporation into the BEAD-funded project must comply with all applicable Build America, Buy America requirements and applicable U.S. Department of Commerce BEAD requirements, unless a valid federal waiver applies.

- Bidder must identify the manufacturer and exact product/part number proposed for each item.
- The successful bidder must provide manufacturer documentation satisfactory to GEA demonstrating BABA compliance before material is accepted for the project.
- GEA may require documentation identifying the product, manufacturing location, quantity, applicable domestic manufacturing requirement, and certification by an authorized manufacturer representative.
- No substitution of an awarded product may be made without prior written approval from GEA and verification of continued BABA compliance.

6. Delivery Requirements

Bidders shall state proposed production lead times, earliest available delivery date, and anticipated delivery schedule. Partial deliveries may be accepted when coordinated with GEA.

Bidders shall state packaging, palletizing, and freight terms. Delivery shall be to the location identified in Section 1 unless otherwise coordinated with GEA.

7. Greene PAU 1-3 Combined Bid Schedule

Item	Est. Qty	Manufacturer	Part No.	Unit Price	Extended Price	Lead Time
Pole mounting bracket for NAP enclosure	3000					
TOTAL BID						

8. Bid Submission Requirements

- Completed bid schedule with unit price for each item offered.
- Manufacturer name and exact product/part number for each bracket and hardware kit offered.

- Dimensional drawings, material and finish specification, rated load, unit weight, pole diameter range, and installation instructions.
- Identification of the enclosure models with which the proposed bracket is compatible.
- Written identification of all exceptions or deviations from the bid specifications. If none are stated, the bid will be understood to comply with the specifications.
- Proposed lead times, delivery schedule, freight terms, and delivery costs.
- Completed and signed BABA Certification Letter (Exhibit A), together with supporting manufacturer compliance documentation, or a clear statement of the status and timing of manufacturer certification.
- Bidder contact information and authorized signature.
- Electronic sealed bid submitted as a password-encrypted file. The password shall not be included with the bid and shall be provided only after the bid deadline when requested by GEA.

9. Evaluation and Award

GEA intends to award to the lowest responsive and responsible bidder offering products that meet GEA's specifications, subject to GEA Board approval. GEA reserves the right to reject any or all bids, waive minor informalities when permitted, request clarification, and make an award in the best interest of GEA.

If GEA selects a bid other than the lowest competitive price meeting specifications, the basis for that selection will be documented in accordance with GEA procurement policy.

GEA may award by item, by group of items, or as a total award if the final advertised solicitation and bid schedule expressly provide for that method of award.

10. Procurement and Records

This procurement is subject to GEA purchasing and procurement procedures and applicable BEAD grant requirements. Procurement, bid, evaluation, award, purchase, receiving, BABA, and supporting grant records must be maintained as required by applicable GEA policy and grant requirements.

11. Bidder Certification

By signing below, the bidder certifies that the information submitted is accurate, that the bidder has reviewed the specifications, and that the products offered comply with the requirements except for any deviations expressly identified in the bid.

Company	
Authorized Representative	
Title	
Signature	
Date	

EXHIBIT A

BUILD AMERICA, BUY AMERICA (BABA) CERTIFICATION LETTER

Greeneville Energy Authority

BEAD Fiber Optic Enclosure Mounting Brackets – CM61-BEAD-TN-0062

The undersigned manufacturer or authorized supplier certifies that the fiber optic enclosure mounting bracket products identified below and proposed for furnishing to Greeneville Energy Authority (GEA) comply with the applicable Build America, Buy America (BABA) requirements for the Broadband Equity, Access, and Deployment (BEAD) Program, including any applicable U.S. Department of Commerce requirements and waivers.

The certifying party further certifies that the information provided in this certification and supporting manufacturer documentation is true and accurate to the best of its knowledge and that GEA may rely upon this certification for BEAD compliance, procurement, receiving, audit, and grant closeout purposes.

Item	Manufacturer	Product / Part No.	Manufacturing Location	BABA Status / Applicable Waiver
Pole mounting bracket				
Other (specify)				

Supporting documentation sufficient to demonstrate compliance shall be attached to this certification. No product substitution may be made after award without prior written approval from GEA and documentation establishing continued BABA compliance.

Company / Manufacturer	
Authorized Representative	
Title	
Signature	
Date	
Email / Phone	