MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-323
Item to be Scouted	BABA Compliant Unit Load Centers
Days to be scouted	26
Response Due By	09/29/2025
Description	BABA Compliant: Except as modified by governing codes and by the Contract Documents, comply with the a. UL Standards 50 and 67. b. Federal Standards W-P-115A Type II, Class 1. c. NEMA Standard PB 1.

Section 2: Technical Information

Type of supplier being sought	Other BABA-compliant self-certified manufacturers
Details	2. Circuit Breakers
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	a. UL Standard 489. b. Federal Standard W-C-375a Amendment No. 4 and W-C-375b. c. NEMA Standard AB-1. Domestic components in each of the BABAA compliant manufactured products must exceed 55% of the total component cost and be assembled in the United States.
Provide dimensions / size / tolerances / performance specifications for the item	Colorado See attached specs and mechanical schedule for more information.
List required materials needed to make the product, including materials of product components	See attached specs and mechanical schedule for more information.
Are there applicable certification requirements?	Yes
Details	Build America, Buy America Act (BABAA) compliant
Are there applicable regulations?	Yes
Details	Must be able to submit BABAA manufactured product self-certification manufactured product letter that details a compliant product.
Are there any other stndards, requirements, etc.?	No
Additional Technical Comments	See attached specs and mechanical schedule for more information.

Section 4: Business Information

Estimated potential business volume	TBD post selection. Cost should be the best available, and cannot increase the project cost by 25%.
Estimated target price / unit cost information (if unavailable explain)	TBD post selection. Cost should be the best available, and cannot increase the project cost by 25%.
When is it needed by?	Q1 2026
Describe packaging requirements	Must arrive undamaged
Where will this item be shipped?	Colorado

Additional Comments

Is there other information you would like to include?	Nationwide Search Provide written documentation in response to the Supplier Scouting request of being a current Build America Buy America Act Unit Load Centers manufacturer with experience in manufacturing the system components, meeting the product performance requirements. Information on BABAA compliance requirements can be found at the Made in America Office link https://www.madeinamerica.gov/.

SECTION 26 2417 - LOAD CENTERS

PART 1 - GENERAL

1.1 DESCRIPTION

A. General: Provide load centers in accordance with the Contract Documents.

1.2 STANDARDS

A. Except as modified by governing codes and by the Contract Documents, comply with the latest applicable provisions and recommendations of the following.
   1. Load Centers
      a. UL Standards 50 and 67.
      b. Federal Standards W-P-115A Type II, Class 1.
      c. NEMA Standard PB-1.
   2. Circuit Breakers
      a. UL Standard 489.
      b. Federal Standard W-C-375a Amendment No. 4 and W-C-375b.
      c. NEMA Standard AB-1.

1.3 SUBMITTALS

A. With each load center drawing the following is required. Submittals failing to meet this criteria will be returned without a review or acceptance.
   1. Refer to Section 260035 concerning the procedures and additional documents for submittals in concert with load center submittals.
   2. Show: Main devices and lug sizes; branch circuit device sizes and arrangement; bus ampacities; short circuit data and withstand ratings; dimensions and construction; gutter dimensions; nameplate and legend; protective coating; and all pertinent details of panel, enclosure, cover, and method of securing cover.

PART 2 - PRODUCTS

2.1 APPROVED MANUFACTURERS

A. All load centers are to be of the same manufacturer as the switchboards.

2.2 LOAD CENTERS IN GENERAL

A. Provide load centers consisting of an assembly of branch circuit switching and protective devices (circuit breakers) mounted inside a dead front enclosure. Provide the number and size of these branch circuit devices as indicated on the circuiting plans and schedules.

B. Provide the following modifications and additional equipment as shown on the drawings:
   1. Main circuit breakers.
   2. Feed through lugs.
   3. Cable tap arrangement for feed through cables.
   4. Rain-tight hubs for exterior mounted load center.
   5. Provide ground bus in each load center.

C. Interiors
   1. Rigid removable assembly of bus bars with plug-in branch circuit devices.
   2. Bus bars drilled to permit branch circuit devices of all sizes and number of poles to be interchangeable and installed in any spare space of sufficient size, without

disturbing adjacent units, without removing main bus or branch circuit connectors and without machining, drilling, or tapping.

3. Arrange bus in sequence or distributed phasing so that multipole circuit breaker can replace any group of single circuit breakers of the same size.
4. Provide neutral bus in each load center.

D. Enclosure
1. Bolt-on ground connector to inside of box.
2. Flush mounted in finished areas and where indicated. Surface mount elsewhere.

E. Front
1. Doors shall be provided on all panels.
2. Heavy code gauge steel as required to maintain panel face flat.
3. Hinged door/back board panel assembly.
4. Factory finished in medium gray enamel or two coats of air-drying lacquer over a rust inhibitor.
5. Provide typewritten directory located inside door under durable plastic cover for total number of poles.
6. Welded angle rest at bottom of the cover to facilitate cover installation.
7. No commercial logo on face of load center.

F. Terminal Lugs
1. Locate main lugs properly at top or bottom, depending upon where main feeder enters.

G. Electrical Ratings
1. Load centers shall be supplied with the quantity of circuit breaker mounting spaces indicated in the load center schedule.
2. Load centers shall be of voltage, phase, number of wires, and with ampacities as indicated on the Drawings and/or panel schedules. The ampacity listed on the load center schedule is a minimum value. The ampacity may be required to be increased due to the quantity of circuit breaker spaces required or due to lug sizes required for larger feeders.
3. Short circuit withstand ratings shall be equal to or greater than those as indicated on the Drawings and/or panel schedules. If series rating is utilized and allowed by code, the Electrical Contractor shall supply factory published data to the Building Department and to the Engineer for review.
4. Where required provide load centers having a "service entrance" Type UL label.
5. Load centers shall be equipped with landing lugs sized to accommodate voltage drop compensated feeder conductors. Refer to Electrical One-Line Diagram. If necessary, provide load centers with a higher ampacity than the minimum listed to accommodate larger feeders. If required, contact the factory to provide non-standard lugs. The Contractor may suggest alternate landing method.

H. Circuit Breaker Devices
1. Plastic molded case. Completely sealed enclosure. Toggle type operating handle. Trip ampere rating and ON/OFF indication clearly visible.
2. Thermal-magnetic trip-free, trip-indicating, quick-make, quick-break, with inverse time delay characteristics. Single handle and common tripping multipole breakers.
3. Silver alloy contacts with auxiliary arc-quenching devices.
4. Interrupting capacities shall be as indicated on the Drawings.
5. Locate next to each breaker or space unit an individual number.
6. Circuit breakers as noted on the panel schedules for switching purposes shall be switch rated.

7. Number of GFI circuit breakers as required on the drawings with space allocations as required.
8. All circuit breakers to be full size, "thin style" are not acceptable.
9. Provide arc fault circuit interrupter type breakers at circuits serving loads as defined in NEC 210.12.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Mount panel 4 feet to panel center but with maximum height of 6 feet 6 inches to top of panel or as directed by Architect/Engineer.

B. Where flush mounted, the fire integrity of the wall in which it is installed must be maintained.

C. Neatly arrange branch circuit wires and tie together in each gutter with Thomas & Betts nylon "Ty-Raps", or approved equal at minimum intervals.

D. Plug all knockouts removed and not utilized.

E. For surface mounted load centers maintain 1/4" air spaces.

3.2 TOUCH UP AND CLEANING

A. Vacuum all backboxes clean of debris after installation and prior to final acceptance.

B. Touch up scratch marks, etc., with matching paint.

C. Remove all paint/plaster from load centers.

END OF SECTION