

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2025-136
Item to be Scouted	Flexible base pipe seals
Days to be scouted	15
Response Due By	05/16/2025
Description	One-piece aluminum flanged base with stepped, graduated Ethylene Propylene Diene Monomer (EPDM) cap and adjustable stainless-steel clamps.

## Section 2: Technical Information

Type of supplier being sought	Contract manufacturer
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Prefabricated composite materials (aluminum and EPDM) formed into roof pipe seals.
Provide dimensions / size / tolerances / performance specifications for the item	See attached PDF specification for information.
List required materials needed to make the product, including materials of product components	See attached PDF specification for information.
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	N/A

## Section 4: Business Information

Estimated potential business volume	1 lump sum
Estimated target price / unit cost information (if unavailable explain)	\$10,000
When is it needed by?	Project dependent over next 8 years.
Describe packaging requirements	Per manufacturer requirements. Assume palletized or boxed products.
Where will this item be shipped?	Clovis, NM

## Additional Comments

Is there other information you would like to include?	Agency Providing Funds: Bureau of Reclamation: Albuquerque Area Office  For all BABA related questions please contact: Ken Richards krichards@usbr.gov
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**SECTION 07 70 01**  
**ROOF SPECIALTIES AND ACCESSORIES**

**PART 1      GENERAL**

1.01      REFERENCES

A.      The following is a list of standards which may be referenced in this section:

1.      American Architectural Manufacturers Association (AAMA).
2.      ASTM International (ASTM): D1187, Standard Specification for Asphalt-Base Emulsions for Use as Protective Coatings for Metal.
3.      FM (Factory Mutual) Global (FM).
4.      UL.

1.02      SUBMITTALS

A.      Action Submittals:

1.      Shop Drawings of each item specified showing materials, details, flashing, anchorage, and relation to adjacent structure.
2.      Catalog cuts of each item specified item.

B.      Informational Submittals:

1.      Manufacturer's test results or calculations that assure item's and its anchorage's design criteria meets requirements of Section 01 88 15, Anchorage and Bracing, for loads provided in Section 01 61 00, Common Product Requirements.
2.      Certificate of compliance with the American Iron and Steel. Refer to Section 01 33 00, Submittal Procedures.
3.      Certificate of compliance with Build America, Buy America Act. Refer to Section 01 33 00, Submittal Procedures.

1.03      SEQUENCING AND SCHEDULING

A.      Coordination: Schedule and coordinate work of this section with work of Section 03 30 00, Cast-in-Place Concrete, Section 07 40 00, Roofing Panels, Section 08 45 00, Translucent Wall and Roof Assemblies, and Section 22 40 00, Plumbing Fixtures.

## **PART 2      PRODUCTS**

### **2.01      FLEXIBLE BASE PIPE SEALS**

- A.    Prefabricated one-piece aluminum flanged base with stepped, graduated EPDM cap and adjustable stainless steel clamps. Aluminum base shall be capable of bending to match profile of sheet metal roofing panels.
- B.    Manufacturers and Products:
  - 1.    Pate Co.; Dektite.
  - 2.    Portals Plus, Inc.; Deck-Mate.

### **2.02      STANDING SEAM METAL ROOF CURBS**

- A.    Prefabricated Galvanized Steel: Minimum 8-inch-high curb with liner panel, integral water deflecting cricket, loose cell caps, and factory-installed insulation as required for conditions shown on the Drawings.
- B.    Metal Gauge and Reinforcement: To suit imposed loads of equipment to be supported.
- C.    Fabricate curbs with level tops, with flanges surface mounted over metal building roof panels.
- D.    Fabricate cell caps to conform to profile of standing seam of approved metal building roof panels.
- E.    Manufacturers and Products:
  - 1.    Pate Co.; Model PC-2MB-3.
  - 2.    ThyCurb; Model TC-3 MBD.
  - 3.    RPS Corporation; RC-7.

### **2.03      EQUIPMENT HATCHES - VAULT APPLICATIONS (NON-ROOF)**

- A.    Equipment Hatch Material: Aluminum, 11-gauge with factory-insulated curb and cover.
  - 1.    Manufacturers and Products:
    - a.    Size: 9 feet by 8.5 feet double leaf.
    - b.    Live load rating: 40 psf.
      - 1)    Bilco; Type D, made to order.
      - 2)    Nystrom; RHEA type, made to order.

## 2.04 ANCILLARY MATERIALS

- A. Sealing Tape: Polyisobutylene sealing tape.
- B. Isolation Paint: ASTM D1187, asphalt.
- C. Coat aluminum surfaces in contact with concrete or dissimilar metals as specified in Section 09 90 00, Painting and Coating.
- D. Isolation Tape: Butyl or polyisobutylene, internally reinforced, or 20-mil-thick minimum polyester.
- E. Plastic Roof Cement: ASTM D4586, Type II.
- F. Fasteners: Stainless steel of type required.

## PART 3 EXECUTION

### 3.01 PREPARATION

- A. Examine surfaces and structures to receive the Work of this section.
- B. Take measurements at Site and fabricate work to suit. No changes shall be made in supporting structure to accommodate this Work.

### 3.02 INSTALLATION

- A. General:
  - 1. Install roof specialties and accessories as detailed in approved Shop Drawings and in conformance with manufacturer's instructions, recommendations, and standards.
  - 2. Use appropriate flexible base pipe seal flashing where pipe, conduit, or cable, etc., penetrate roofing membrane.
  - 3. Factory Finished Units: Place color variations in pieces so no extremes are next to each other.
  - 4. Make Work weathertight and free of expansion and contraction noise.
  - 5. Maintain separation between aluminum surfaces and concrete or dissimilar metals:
    - a. Concrete Surfaces: As specified in Section 09 90 00, Painting and Coating.
    - b. Dissimilar Metal Surfaces: With isolation paint or with isolation tape.
- B. Equipment Hatches: Install to operate freely and not rattle when closed or open.

### END OF SECTION