

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-141
Item to be Scouted	Key Box
Days to be scouted	15
Response Due By	05/16/2025
Description	Fire Department required key box for facility access.
State item to be used in	New Mexico

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)	Premanufactured cast and assembled parts.
Provide dimensions / size / tolerances / performance specifications for the item	See attached PDF specification for information. See 2.02 for Key box in specification.
List required materials needed to make the product, including materials of product components	See attached PDF specification for information. See 2.02 for Key box in specification.
Are there applicable certification requirements?	Yes
Certification(s) required	UL
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 unit/ lump sum for project
Estimated target price / unit cost information (if unavailable explain)	\$6,000
When is it needed by?	Project dependent over next 8 years.
Describe packaging requirements	Boxed and wrapped.
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 10 44 00
FIRE PROTECTION SPECIALTIES AND SAFETY EQUIPMENT

PART 1 GENERAL

1.01 REFERENCES

- A. The following is a list of standards which may be referenced in this section:
 - 1. National Fire Protection Association (NFPA): 10, Standard for Portable Fire Extinguishers.
 - 2. UL: Fire Protection Equipment Directory.

1.02 PERFORMANCE REQUIREMENTS

- A. Conform to applicable code.
- B. Provide extinguishers classified and labeled by testing firm acceptable to authority having jurisdiction for purpose specified and indicated.
- C. Provide key boxes as required by the applicable code or by the fire marshal or code official having jurisdiction.

1.03 AMERICAN IRON AND STEEL (AIS)

- A. This section contains materials that shall comply with the American Iron and Steel requirements of this Contract.

1.04 BUILD AMERICA BUY AMERICA (BABA)

- A. This section contains materials that shall comply with the Build America Buy America requirements of this Contract.

1.05 SUBMITTALS

- A. Action Submittals:
 - 1. Shop Drawings:
 - a. Fire Extinguishers: Manufacturer's product data for each item, including sizes, ratings, UL listings, or other certifications, and mounting information.
 - b. Key Boxes: Indicate type of cabinet, cabinet physical dimensions, rough-in measurements for recessed cabinets, location, mounting methods and anchorage details, relationship of cabinet box and trim to surrounding construction, door type and hardware, trim style, panel style.

- c. Product Data: Extinguisher operational features, color and finish, and anchorage details.

B. Informational Submittals:

- 1. Manufacturer's Installation Instructions.
- 2. Manufacturer's Certificate: Certify Products meet or exceed specified requirements.
- 3. Operation and Maintenance Data: Submit test, refill or recharge schedules and recertification requirements.
- 4. Key Box Certificates: (Fire Extinguishers and First Aid Cabinets exempt from BABA; considered as non-permanent fixtures).
 - a. Certificate of compliance with the American Iron and Steel. See Section 01 33 00, Submittal Procedures.
 - b. Certificate of compliance with Build America, Buy America Act. See Section 01 33 00, Submittal Procedures.

1.06 QUALITY ASSURANCE

- A. Perform Work in accordance with State standard.

1.07 ENVIRONMENTAL REQUIREMENTS

- A. Section 01 61 00, Common Product Requirements: Environmental conditions affecting products onsite.
- B. Do not install extinguishers when ambient temperatures are capable of freezing extinguisher ingredients.

PART 2 PRODUCTS

2.01 PORTABLE FIRE EXTINGUISHERS

A. Manufacturers:

- 1. JL Industries.
- 2. Larsen's Manufacturing Co.
- 3. Nystrom Products Co.

B. General:

- 1. Conform to NFPA 10 for fire extinguishers.
- 2. Furnish fire extinguishers from one manufacturer.
- 3. UL listed, charged and ready for service.

C. Multipurpose Hand Extinguisher (F. Ext-1):

1. Tri-class dry chemical extinguishing agent.
2. Pressurized, red enameled steel shell cylinder.
3. Activated by top squeeze handle.
4. Agent propelled through hose or opening at top of unit.
5. For use on A, B, and C class fires.
6. Minimum UL Rating: 4A-60B:C, 10-pound capacity.

D. Carbon Dioxide Hand Extinguisher (F. Ext-2):

1. Carbon dioxide.
2. Pressurized, red enameled steel shell cylinder.
3. Activated by top squeeze handle.
4. Agent propelled through hose and spreader nozzle.
5. For use on B and C class fires.
6. Minimum UL Rating: 10B:C, 15-pound capacity.

2.02 KEY BOXES

A. Manufacturers and Products:

1. Knox Company, Phoenix, AZ:
 - a. Knoxbox[®] 3200 recessed.
 - b. Color: Dark Bronze.
2. Kidde Fire Safety; SupraSafe, Mebane, NC:
 - a. Suprasafe 2HSR recessed.
 - b. Color: Dark Bronze.

B. Steel high-security commercial key vault, 5 inches wide by 4 inches tall with hinges door; optional tamper switch with 7 inches wide by 7 inches tall flanges; UL listed; and resists moisture and weather by use of a gasketed exterior door.

1. Unit recessed into exterior wall (CMU veneer) using special mounting kit.
2. Unit surface mounted on exterior wall (Precast concrete) using surface mount.
3. Unit surface mounted on galvanized steel post (near entrance gates) using surface mount.

- C. Key Boxes: Select size and options according to authority having jurisdiction requirements. Other companies do make similar products. However, any system adopted by a Fire Department must be compatible from one installation to another. Only one master key will be carried on fire apparatus. This key must operate all lock boxes in the City. To maintain master key security, all companies in this business carefully guard master key codes. They will not release this information to any other manufacturer or supplier. These security concerns require that one supplier be selected for all installations in the City. Mounting height is also important and 6 feet 0-inch is recommended by Knox. However, AHJ should be consulted.

2.03 FIRST-AID CABINETS AND SUPPLIES

A. Manufacturers:

1. Afassco, Inc.
2. Johnson and Johnson.
3. Zee Medical Products Co., Inc.

B. Cases:

1. Enameled metal or break-resistant plastic.
2. Carrying handles.
3. Made to hang on wall.

C. Supplies: Quantities to serve 5 people.

2.04 ACCESSORIES

- A. Extinguisher Brackets: For hand extinguishers, furnish heavy-duty brackets with clip-together strap for wall mounting formed steel, galvanized finish.
- B. Fasteners: Furnish necessary screws, bolts, brackets, and other fastenings of suitable type and size to secure items of fire and safety equipment in position.
 1. Metal expansion shields for machine screws at concrete and masonry.
 2. Interior: Rust-resistant.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install where indicated or directed and in accordance with manufacturer's recommendations.
- B. Secure cabinets and brackets rigidly to structure.

- C. Provide adequate backing for mounting surfaces.
- D. Place extinguishers and accessories on wall brackets.

3.02 PORTABLE FIRE EXTINGUISHERS AND CABINETS

- A. Provide at locations shown or as directed by Engineer.
- B. Mount hangers securely in position, following manufacturer's recommendations.
- C. Install wall brackets, maximum 48 inches from finished floor to top of extinguisher handle.

3.03 FIRST-AID CABINETS

- A. Install at locations shown on the Drawings or as directed by the Engineer.

END OF SECTION