

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-277
Item to be Scouted	BABA: Firestopping Products
Days to be scouted	14
Response Due By	06/17/2026
Description	3M Fire Barrier Sealants (CP 25WB+, various formats) – Country of Origin: United States – Does NOT meet BABA domestic content requirements

Section 2: Technical Information

Type of supplier being sought	Firestop Block similar in form, fit, and fashion to Hilti Firestop Block CFS-BL – Germany
Reason	BABA Firestop Block similar in form, fit, and fashion to Hilti Firestop Sealant CFS-S SIL – Canada
Describe the manufacturing processes (elaborate to provide as much detail as possible)	<p>Firestopping products are manufactured through specialized chemical mixing, grouting, and assembly processes involving intumescent materials, polymers, mineral fibers, and metal components. These products are engineered and tested as complete fire-resistance systems and require strict formulation control to meet UL and ASTM standards.</p> <p>Firestop Block similar in form, fit, and fashion to Hilti Firestop Sleeve CP 653 – Malaysia</p> <p>Firestop Block similar in form, fit, and fashion to Hilti Firestop Collar CP 843 / CP 844 – Germany</p> <p>Firestop Block similar in form, fit, and fashion to Hilti Firestop Putty Pad CP 617 – France</p> <p>Firestop Block similar in form, fit, and fashion to Hilti Speed Plugs / Strips – USA (partial compliance subject to review)</p> <p>Sealants/Caulks: Raw materials (polymers, fillers, flame retardants, intumescent additives) are batch-mixed in industrial mixers. These products frequently do not meet BABA domestic content thresholds. The mixture is homogenized under controlled temperature and shear conditions to ensure consistent dispersion. Materials are tested for viscosity, expansion properties, and curing behavior. Product is then packaged into cartridges, sausages, pails, or bulk containers.</p> <p>Foams/Sprays: Produced via chemical formulation of reactive resins (often polyurethane or silicone-based systems). Components are prepared separately and either pre-mixed (single-component foams) or supplied as multi-component systems that react at installation. Packaged in pressurized or dual-component delivery systems.</p> <p>Putty Pads/Moldable Materials: Manufactured by blending elastomeric binders with fire-retardant fillers and intumescent compounds. The material is processed through extrusion or calendaring equipment to form sheets or pads. Sheets are cut and packaged into standard sizes.</p> <p>Preformed Collars/Sleeves (Cast-In Devices): Metal components (steel housings, collars) are fabricated through stamping, cutting, and forming. Intumescent inserts are molded or extruded separately and installed into the metal housing. Components are assembled and mechanically fastened or bonded. Final products are tested as complete assemblies.</p> <p>Firestop Blocks, plugs, and strips: Produced by melting basalt or slag at high temperatures. Molten material is spun into fibers and formed into mats or blocks. Material is cut to size and density specifications. Often combined with sealants to complete a rated system.</p>

Provide dimensions / size / tolerances / performance specifications for the item	Please respond with any available sizes
List required materials needed to make the product, including materials of product components	<p>Graphite (expandable graphite) Ammonium polyphosphate Pentaerythritol (carbon source) Melamine (blowing agent) Acrylic latex (common in sealants like 3M CP 25WB+) Silicone polymers (used for flexibility and water resistance) Polyurethane resins (used in foams) Elastomers (for putty and pads) Calcium carbonate Silica (quartz) Alumina trihydrate (ATH – also a flame retardant) Clay minerals Aluminum hydroxide (ATH) Magnesium hydroxide Halogen-free flame-retardant additives Mineral wool (rock wool from basalt or slag) Fiberglass (less common) Galvanized steel Stainless steel Plasticizers (improve flexibility) Stabilizers (increase shelf life) Adhesion promoters Pigments (for identification, e.g., red firestop)</p>
Are there applicable certification requirements?	Yes
Certification(s) required	UL
Are there applicable regulations?	Yes
Details	<p>UL 1479 (Through-Penetration Firestop Systems) UL 2079 (Fire-Resistive Joint Systems) UL 263 / ASTM E119 (Fire-Resistance Rated Wall/Floor Assemblies) ASTM E814 (firestop systems) ASTM E1966 (joint systems)</p>
Are there any other standards, requirements, etc.?	Yes
Details	<p>International Building Code (IBC) NFPA 101 / NFPA 5000</p>
Additional Technical Comments	

Section 4: Business Information

Estimated potential business volume	For a 92-unit Multifamily project with an underground parking garage. Please respond with all available quantities.
-------------------------------------	---

<p>Estimated target price / unit cost information (if unavailable explain)</p>	<p>3M: 10 oz cartridge/ \$13 27 oz cartridge/\$50 Bulk packs/\$18-\$30 Hilti FS-ONE MAX (Intumescent Sealant) 10.1 oz cartridge: \$15 – \$22 each [hilti.com], [ebay.com] 20 oz foil pack: \$30 – \$35 each [supplystop.com] 5-gallon pail: \$400+ each [ebay.com] Use in your waiver: ~\$18 / cartridge Hilti CP 617 Putty Pads Case (20 pads): \$80 – \$150 per case [ebay.com] Unit price (each pad): \$4 – \$8 each (derived range) ~\$5-\$7 per pad Hilti CP 643 / CP 644 Firestop Collars Small (2”-4”): \$25 – \$60 each [ebay.com] Larger sizes (6”+): \$120+ each [acmetools.com] Use in your waiver: \$40-\$125 each (size dependent) Hilti Firestop Blocks / Mineral Wool Products Not always listed individually online, but typical: \$10 – \$25 per block (market range for mineral wool/fire blocks) Hilti Joint Spray / Coating (CFS-SP WB) Typically: \$150 – \$300 per pail (project-based pricing)</p>
<p>When is it needed by?</p>	<p>Immediate</p>
<p>Describe packaging requirements</p>	<p>Packs of 6-12</p>
<p>Where will this item be shipped?</p>	<p>Minneapolis,MN</p>

Additional Comments

<p>Is there other information you would like to include?</p>	<p>Funding Agency: MHFA (Minnesota Housing Finance Agency) Point of Contact: Nick Hoelscher, Nick.h@noorcompanies.com</p>
--	--