

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-173
Item to be Scouted	BABA: Undermount Vanity Sink
Days to be scouted	14
Response Due By	05/13/2026
Description	An undermount vanity sink is a bathroom sink attached to the underside of a countertop—usually quartz, granite, marble, or solid surface. Instead of resting on top of the counter (like a drop-in sink), it hangs from below, supported by

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	<p>1-Prepare Raw Materials The process begins with preparing the ceramic body mixture.</p> <ul style="list-style-type: none"> -Combine clay, kaolin, feldspar, and silica in precise ratios -Add water to form a workable slurry (slip) -Filter and de-air the mixture to remove impurities <p>2-Form the Sink Shape The sink basin is shaped using molds designed for the final geometry.</p> <ul style="list-style-type: none"> -Pour slip into plaster molds that absorb moisture -Allow the outer layer to solidify to the desired thickness -Drain excess slip to create a hollow basin -Remove the semi-rigid sink body from the mold <p>3-Trim and Refine the Greenware The sink is cleaned and shaped while still soft (green stage).</p> <ul style="list-style-type: none"> -Trim edges and overflow openings -Smooth surfaces using sponges and fine tools -Add mounting flange details for undermount installation <p>4-Dry the Sink Body Controlled drying prevents cracking and warping.</p> <ul style="list-style-type: none"> -Place sinks in a humidity-controlled drying chamber -Allow moisture to evaporate slowly and evenly -Inspect for warping or surface defects <p>5-Apply Glaze Coating A protective and decorative glaze is applied before firing.</p> <ul style="list-style-type: none"> -Spray or dip the sink in vitreous glaze -Ensure uniform coating thickness -Remove glaze from areas that must remain uncoated (e.g., underside bonding surfaces) <p>6-Fire in Kiln High-temperature firing vitrifies the ceramic and hardens the glaze.</p> <ul style="list-style-type: none"> -Load sinks into a kiln at 2,100–2,300°F (1,150–1,260°C) -Maintain controlled heating and cooling cycles -Inspect for glaze defects, cracks, or dimensional changes
Provide dimensions / size / tolerances / performance specifications for the item	Sinks are for a Multifamily Apartment application - Type B Vanity = 19.5" x 14.25" x 6.5" (Sink can have larger length and width) Type A Vanity = 19.5" x 14" x 5.75" (Sink can have larger length and width). Project will also need to comply with MHFA.

List required materials needed to make the product, including materials of product components	<p>1. Sink Basin (Primary Component) Choose based on project type (multifamily, hospitality, residential). Common Materials -Vitreous China (most common in residential & multifamily) -Porcelain -Cast iron with enamel coating -Stainless steel (often in commercial or modern designs) -Solid surface resin (Corian-type) -Fireclay (premium) Optional Features -Integrated overflow -Pre-drilled faucet holes (rare—usually faucet mounts to countertop)</p> <p>2. Countertop Materials (Required for Undermount Installation) Must be a solid, non-porous material capable of supporting the sink. -Quartz -Granite -Marble -Solid surface (acrylic resin) -Concrete -Engineered stone Laminate countertops generally cannot support undermount sinks without reinforcement.</p> <p>3. Mounting & Support Hardware A. Undermount Sink Clips / Brackets -Stainless steel or zinc-plated steel -Adjustable undermount clip sets -Heavy-duty brackets for cast-iron sinks B. Adhesives & Sealants -100% silicone sealant (for sealing sink to countertop) -Two-part epoxy (for bonding clips to stone) -Construction adhesive (optional for reinforcement) C. Support Systems (for heavy sinks) -Undermount support rails -Undersink support frame -Threaded rods + wing nuts (stone countertop systems)</p>
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	SINK must be BABA and meet MHFA requirements. ADA sinks will be required.

Section 4: Business Information

Estimated potential business volume	70
Estimated target price / unit cost information (if unavailable explain)	\$21,000.00
When is it needed by?	July 2027
Describe packaging requirements	Undermount vanity sinks require packaging that protects against impact, compression, abrasion, and moisture. The most critical elements are corner protection, molded supports, and double-wall cartons, especially for ceramic and cast-iron sinks.
Where will this item be shipped?	Blaine Minnesota

Additional Comments

Is there other information you would like to include?