

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-416
Item to be Scouted	Custom Woven Polypropylene Rope Mesh for Marine Applications
Days to be scouted	30
Response Due By	08/28/2026
Description	Submerged floor mesh for floating boat Sea Pens used in continuous saltwater service. Marine / Recreational Boat Storage

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	Re-shore
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Seeking a manufacturer capable of producing an open woven mesh using approximately 5 mm UV-stabilized polypropylene rope. Product is believed to be woven on a modified loom capable of handling rope rather than conventional yarn. Continuous woven sections approximately one meter wide are sewn into larger panels with reinforced borders.
Provide dimensions / size / tolerances / performance specifications for the item	Marine-grade UV-stabilized polypropylene rope; approximately 5 mm diameter; black preferred; floating; saltwater resistant; non-wicking; non-abrasive; approximately 64 rope strands per meter in each direction; approximately 25 mm x 25 mm openings; long-term outdoor marine exposure.
List required materials needed to make the product, including materials of product components	UV-stabilized polypropylene rope
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	Yes
Details	Continuous saltwater immersion, UV exposure, long-term marine durability.
Additional Technical Comments	Original product is manufactured in Australia using what is believed to be a custom or modified weaving loom. Seeking a domestic manufacturer with suitable weaving capability or ability to adapt existing equipment.

Section 4: Business Information

Estimated potential business volume	Prototype quantities followed by small production runs; current consumption is approximately 1,000 finished panels annually.
Estimated target price / unit cost information (if unavailable explain)	To be determined during negotiations
When is it needed by?	Prototype within 3–6 months; production thereafter.
Describe packaging requirements	Rolled or folded to protect woven mesh during shipment.
Where will this item be shipped?	South Carolina, USA

Additional Comments

Is there other information you would like to include?	Prototype collaboration is acceptable.
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