MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-183
Item to be Scouted	Breastfeeding Necklace
Days to be scouted	30
Response Due By	07/04/2025
Description	This necklace will be used by a breastfeeding mother. It is designed to lift up a shirt while breastfeeding or pumping so a mother doesn't have to use her hand

Section 2: Technical Information

Type of supplier being sought	under the garment that is intended to be lifted, extend the nyion rope under and
Reason	Native start of the start of th
Describe the manufacturing processes (elaborate to provide as much detail as possible)	baby has visualization and access of the nipple for breastfeeding. The necklace is produced out of plated stainless steel 316L in various colors: Rose gold, silver and gold. This necklace contains a badge reel inside. within the badge reel is a spring and nylon rope. The spring and badge reel will rotate left when the nylon rope is pulled. The nylon rope is connected to a removable pendant plate. This plate and its base have magnets inside of it so the two faces can be snapped together.
	I believe the pendant housing (front and back plates) are machined (CNC machine). The bail can be welded, casted or pinned to the back pendant body/plate. the back plate housing cover can be pressure fit/caster welded or twisted in place as a threaded cap. The back plate housing cover has a hole so the nylon rope can follow through to the removable front plate. the front plate has a slide a lock / cord lock mechanism that will hold the gromit to hold the nylon rope knot in place. This will allow for the front plate to be completely detached from the nylon rope to allow for interchangeability. The back plate has a pinion lock that is welded in the center of the plate in which the badge reel and badge reel spring will get placed. A teflon paper will be used to hold it in place before the back plate housing cover is threared/welded in place. Magnets are glued in using epoxy.
Provide dimensions / size / tolerances /	pendant total diameter of 31.75mm with a thickness of about 8.80 +20mm.
performance specifications for the item	All housing (back and front plate) is created with 316L stainless steel and later plated in gold. It has a back plate which houses a spring reel mechanism and nylon rope that passes through and attaches to a detachable front plate. The front and back plates are held together with 5 N52 magnets magnet dimensions 4.00mm x 1.50mm)
List required materials needed to make the product, including materials of product components	 2mm chain (vacuum plated stainless steel 316L) Back plate of pendant (vacuum plated stainless steel 316L) Front plate of pendant (vacuum plated stainless steel 316L) Teflon Paper Badge reel (vacuum plated stainless steel 316L) N52 magnets positive and negative (4.00 x 1.50mm) Ring bail (vacuum plated stainless steel 316L) Nylon rope spring steel
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other stndards, requirements, etc.?	Yes

Details	We would like to get a Consumer Product Safety Commission General Certificate of Conformity. We have a lab we have been in touch with and they have already evaluated our existing prototype and given us a list of safety standards to comply by.
Additional Technical Comments	NDA with potential vendors required after the initial search. I have CAD drawings/manufacturing drawings available for more clarity on the process. In addition, I have a couple prototypes that may be helpful.

Section 4: Business Information

Estimated potential business volume	After a pilot test run year 1 we expect to sell 500 units 1000 units year 2 and 3,000 units year 3. This does not include the separate interchangeable face plates that will account for more units sold.
Estimated target price / unit cost information (if unavailable explain)	\$30/unit at 500 pieces MOQ
When is it needed by?	Immediate prototyping, 3 months for the pilot test run of a minimal amount of units (lets say 100) and then 6 months for mass production.
Describe packaging requirements	Group package is fine
Where will this item be shipped?	New Milford, CT

Additional Comments

Is there other information you would like to	NDA with potential vendors required after the initial search.
include?	