

**\*\* COMPLETE THIS FORM TO INITIATE SUPPLIER SCOUTING \*\***

**MEPNN Supplier Scouting Opportunity Synopsis**

*(To view in larger text, press Ctrl + Simultaneously)*

The submitting entity agrees to notify NIST MEP of the status of actions taken as a result of this scouting instance within 30 days after receiving a results report. I agree

Number of days to be posted if other than 30

Item to be Scouted

Magnetic Badges

Please describe the item application/the end use of the item

For use in sewing and quilting. Magnetic badges are paired with metal plates and used to keep materials together while end user sews or quilts.

Supplier Customer/Product NAICS Code, if known

**TECHNICAL INFORMATION**

**1. Supplier Information**

1a. Type of supplier being sought

Contract Manufacturer

If other, please specify type of supplier

1b. Reason for scouting submission

Re-shore

If other, please specify reason

**2. Summary of Technical Specifications and Performance Requirements**

2a. Describe the manufacturing process

Interior metal plates are glued to earth magnets, then plastic is injection molded around using custom dies and plastic color.

2b. Provide dimensions, size, tolerances, and performance specifications for the item

Various sizes and magnet strengths, starting at .67" diameter x .1875" thick with 1 - 2100g NDFeB magnet; another model is a 1.78 x .5 in x .1875" with 3 - 826g pull force NdFeB magnets. Largest model is 3.98 x .59 x .1875" with 5 - 1253g pull force NdFeB magnets

2c. List required materials needed to make the product, including materials of product components

Steel, adhesive, ABS plastic, neodymium magnets

2d. Are there applicable certification requirements?

No

If yes, please explain applicable certification requirements

2e. Are there applicable regulations?

No

If yes, please explain applicable regulations

2f. Are there any other standards, requirements, etc.?

No

If yes, please explain other standards, requirements, etc.

2g. Additional Comments

**BUSINESS INFORMATION**

**3. Volume and Pricing**

3a. Estimated potential business volume (i.e. # Units per day/month/year)

Entire product line (12 SKUs) ~ 100,000 badges annually

3b. Estimated target price/unit cost information (flexible and negotiable not accepted)

Depending upon model, between \$.45 per unit and \$1.5 per unit

**4. Delivery Requirements**

4a. When is it needed by? (immediate, 30 days, 6 months, etc.)

One model is out of stock, needed as soon as possible... others, we have about 6+ months of inventory. Opportunity to develop and produce new/proposed models as well within the next 6 months

4b. Describe packaging requirements (i.e. individually/group packaging)

If no packaging capabilities at contract manufacturer, just box in groups of 20 to 100, and ship to us to package. If manufacturer has packaging capabilities, then assemble onto a diecut card, fold, and insert into a poly bag into cases of 15.

4c. Where will this item be shipped?

Montana

**5. Additional Comments**

5a. Is there other information you would like to include?

**6. Requesting Scout**

6a. Scout Name

Lane Gobbs

6b. Center Name

Montana Manufacturing Extension Center

If an organization other than a Center, please enter

6c. Scout Email

lane.gobbs@montana.edu

Supplier Scouting Number (NIST MEP use only)

2022-055

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