

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

MEPNN Supplier Scouting Opportunity Synopsis

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

The submitting entity (MEP Center, requesting company, federal/state agency, other) 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

60

Item to be Scouted

PET Plastic Sheet

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

PET plastic sheet to be delivered on rolls and fed into a heat-forming process to create sheets used in the construction of septic drainage and treatment systems for commercial and residential applications. The industry is pushing a move to PET plastic from other plastics for environmental reasons.

Supplier Customer/Product NAICS Code, if known

TECHNICAL INFORMATION

1. Supplier Information

1a. Type of supplier being sought

Manufacturer

If other, please specify type of supplier

1b. Reason for scouting submission

New Product Startup

If other, please specify reason

2. Summary of Technical Specifications and Performance Requirements

2a. Describe the manufacturing process

Rolls of material are loaded onto their machine to be fed into a heat chamber. Material is heated to become pliable and fed onto rollers with raised features to create a pattern similar to egg carton. Material air cools and is slitted into strips and then cut to length to be sent to assembly area for construction of final product.

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

Looking for both 21 mil and 24 mil thickness. Currently receiving material in rolls that are 61.5" wide and 22" in diameter, with a 4" center core on the roll.

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

Final product combines the PET plastic sheets and a woven fabric into bundles used for septic drainage applications.

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.?

Yes

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

Must be PET plastic (Polyethylene terephthalate) - same material used for plastic beverage bottles.

2g. Additional Comments

BUSINESS INFORMATION

3. Volume and Pricing

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

Immediate need for samples to test in their process and application; full rollout would be within 6-9 months

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

In the range of \$0.75 - \$1.00 per pound

4. Delivery Requirements

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

Immediate need for samples to test in their process and application; full rollout would be within 6-9 months.

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

Prefer to have 2 rolls per skid for delivery (to match current inventory footprint), but not required. Windsor, Connecticut

4c. Where will this item be shipped?

Windsor, Connecticut

5. Additional Comments

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

6. Requesting Scout

6a. Scout Name	Erik Fogleman
6b. Center Name	CONNSTEP
If an organization other than a Center, please enter	CONNSTEP
6c. Scout Email	efogleman@connstep.org
Supplier Scouting Number (NIST MEP use only)	2021-113

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