

Supplier Scouting Opportunity 2023-027

Item to be scouted: Perovskite

Item description: Perovskite is an alternative material in the early stages of development that is used in the photovoltaic industry . My client is looking to partner or acquire this material for use in manufacturing.

NAICS code: 332312, 336390, 336991, 332721

Technical Information

Supplier Information

Type of supplier being sought: Distributor

Reason for scouting submission: New product startup

Summary of technical specifications and performance requirements

Describe the manufacturing processes (elaborate to provide as much detail as possible): Currently, the fabrication process usually involves dripping an antisolvent onto a perovskite precursor that has been spin-coated onto a substrate. Ideally, this technique can create films with uniform, high-quality crystal structures.

Client is in the polycarbonate manufacturing form business and is looking to identify suppliers for both raw materials as well as potential sheet mfg. Finished product could be used in the on and off road vehicle market or EV market.

Provide dimensions / size / tolerances / performance specifications for the

item: Raw material has no specific requirements. Since material is relatively new the spec offering for the material is not clear if even available.

Interested in 4'x8' sheet (121.92cm x 243.84cm).

List required materials needed to make the product, including materials of product components:

Perovskite

Are there applicable certification requirements?: No

Are there applicable regulations?: No

Are there any other standards, requirements, etc.?: No

Business Information

Volume and pricing

Estimated potential business volume: Over 100k units per year

Estimated target price / unit cost information (if unavailable explain): Unknown, material is in the early stages of development

Delivery requirements:

When is it needed by?: Within next month.

Describe packaging requirements: None identified

Where will this item be shipped?: Maywood, Illinois