

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2024-124
Item to be Scouted	Solar Panel
Days to be scouted	60
Description	<p>Solar panels must be manufactured in the United States. The cost of the components of the solar panels that are mined, produced, or manufactured in the United States must be greater than 55 percent of the total cost of all components of the solar panel. See additional comments section for instructions on how to determine the total cost of the components. This is a Request for Information, not currently an active project. There is no Request for Quote at this time. We are looking for manufacturers that currently produce a BABA compliant product AND manufacturers that could modify the product to be BABA compliant.</p> <p>This is an attempt to identify capabilities before designing around a specific identified product.</p>
State item to be used in	

## Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Mechanical/Electronic Assembly, Must be assembled in the United States
Provide dimensions / size / tolerances / performance specifications for the item	<p>60 cell or 72 cell, P-type mono-crystalline silicon, Front glass tempered, low-iron, anti-reflective, Operating temperature range -40°C (-40°F) to +85°C (185°F). Maximum Series Fuse Rating 20A. Maximum System Voltage 1,000Vdc.</p> <p>Supporting documentation will be provided after supplier and design is identified. This is an attempt to identify capabilities before designing around a specific identified product.</p>
List required materials needed to make the product, including materials of product components	60 cell or 72 cell, P-type mono-crystalline silicon, Front glass tempered, low-iron, anti-reflective, Operating temperature range -40°C (-40°F) to +85°C (185°F). Maximum Series Fuse Rating 20A. Maximum System Voltage 1,000Vdc.
Are there applicable certification requirements?	Yes
Details	UL61730, IEC Standards (IEC 61215 / IEC 61730 / IEC 61701)
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	

## Section 4: Business Information

Estimated potential business volume	In the pre-design/identification phase. This cannot be forecasted yet because it will be project-specific.
Estimated target price / unit cost information (if unavailable explain)	In the pre-design/identification phase. This cannot be forecasted yet because it will be project-specific.

When is it needed by?	2025 is the timeline due to design.
Describe packaging requirements	Palleted
Where will this item be shipped?	Multiple U.S. locations

## Additional Comments

Is there other information you would like to include?

Nationwide MEP Supplier Scouting Search requested.

Upon confirmation of the manufacturer's capability to meet the BABA requirements the manufacturer will be requested to provide a written corporate signed BABA self-certification letter (on company letterhead) signed by an executive-level individual with the authority to approve project funding for the system.

NOTE: Build America Buy America (BABA) requirements are not the same as Buy American requirements.

Information on BABA compliance requirements can be found at Made in America Office link <https://www.madeinamerica.gov/>.

NOTE: In determining whether the cost of components for a BABA compliant manufactured products is greater than 55 percent of the total cost of all components, use the following instructions:

(1) For components purchased by the manufacturer, the acquisition cost, including transportation costs to the place of incorporation into the manufactured product (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or

(2) For components manufactured by the manufacturer, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (a), plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the manufactured product.