ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2024-124
Name of the item to be scouted:	Solar Panel
State item to be used in:	none
Describe the Item:	
Please describe the item application/the end use of the item.	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. This is an attempt to identify capabilities before designing around a specific identified product.
Supplier Information:	
Type of Supplier Being Sought (select from the list below):	
Manufacturer	x
Contract Manufacturer	
Distributor	
Other (Please Specify)	
Reason for Scouting Submission (select from the list below)	
2nd Supplier	
Price	
Re-Shore	
Past supplier no longer available	
New Product Startup	
BABA	x
Other (Please Specify)	
Summary of Technical Specifications and Performance Requirements:	
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Mechanical/Electronic Asssembly, Must be assembled in the United States
Provide dimensions / size / tolerances / performance specifications of the item	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. 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.
List required materials needed to make the product, including materials of product components, if applicable	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	x
No	
Please explain:	UL61730, IEC Standards (IEC 61215 / IEC 61730 / IEC 61701)
Are there any applicable regulations that apply to the production of this item?	
Yes	
No	x
Please explain:	
Are there any other standards / requirements?	
Yes	
No	x
Please explain:	
NAICS CODES:	
NAICS 1	

NAICS 2	
Additional Comments:	
Additional technical comments:	
Volume and Pricing:	
Estimated Potential Business Volume (i.e. #units per day, month, year):	In the pre-design/identification phase. This cannot be forecasted yet because it will be project-specific.
Estimated Target Price/Unit Cost Information:	In the pre-design/identification phase. This cannot be forecasted yet because it will be project-specific.
Delivery Requirements:	
When is it needed by? (Immediate, 30 days, 6 months, etc.)	2025 is the tinmeline due to design.
Describe packaging requirements (i.e. individually/group packaging, etc.)	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.