

## ITEM OPPORTUNITY SYNOPSIS

<b>Scouting Number:</b>	2024-181
<b>Name of the item to be scouted:</b>	Electrolyzer Manufacturer
<b>State item to be used in:</b>	Florida
<b>Describe the Item:</b>	
<b>Please describe the item application/the end use of the item.</b>	Electrolyzer Manufacturers: We are seeking companies that manufacture electrolyzer stacks. Electrolyzer R&D Institutes: Any university/engineering organization focused on R&D efforts for electrolyzer stacks. THIS IS A REQUEST FOR INFORMATION. RFQs will be presented based on the scouting results.
<b>Supplier Information:</b>	
<b>Type of Supplier Being Sought (select from the list below):</b>	
Manufacturer	x
Contract Manufacturer	
Distributor	
Other (Please Specify)	
<b>Reason for Scouting Submission (select from the list below)</b>	
2nd Supplier	
Price	
Re-Shore	
Past supplier no longer available	
New Product Startup	
BABA	
Other (Please Specify)	We are developing a proprietary process around electrolyzer stacks *
<b>Summary of Technical Specifications and Performance Requirements:</b>	
<b>Describe the manufacturing processes (elaborate to provide as much detail as possible)</b>	Various dependent on Electrolyzer Technologies utilized - Configurations consist of: - Alkaline - PEM (Proton Electron Membrane) - AEM (Anion Exchange Membrane) - SOEC (Solid Oxide Electrolyzer Cell) Stack Ranges - 5kW to Multi-MW
<b>Provide dimensions / size / tolerances / performance specifications of the item</b>	There are no specific requirements at this time. Client will choose multiple types from multiple configuration options.
<b>List required materials needed to make the product, including materials of product components, if applicable</b>	Electrolyzer stacks - materials can vary depending on the type and implementation
<b>Are there applicable certification requirements?</b>	
Yes	
No	x
<b>Please explain:</b>	
<b>Are there any applicable regulations that apply to the production of this item?</b>	
Yes	
No	x
<b>Please explain:</b>	
<b>Are there any other standards / requirements?</b>	
Yes	
No	x
<b>Please explain:</b>	
<b>NAICS CODES:</b>	
NAICS 1	335999 All other miscellaneous electrical equipment and component manufacturing
NAICS 2	325120 Industrial gas manufacturing
<b>Additional Comments:</b>	
<b>Additional technical comments:</b>	Hydrogen Manufacturing
<b>Volume and Pricing:</b>	
<b>Estimated Potential Business Volume (i.e. #units per day, month, year):</b>	TBD, In the pre-design/identification phase. This cannot be forecasted yet because it will be project specific.
<b>Estimated Target Price/Unit Cost Information:</b>	TBD, In the pre-design/identification phase. This cannot be forecasted yet because it will be project specific.

<b>Delivery Requirements:</b>	
<b>When is it needed by? (Immediate, 30 days, 6 months, etc.)</b>	Q1 2025
<b>Describe packaging requirements (i.e. individually/group packaging, etc.)</b>	There are no specific requirements; normal shipping methods will be accepted. The product must be delivered undamaged with an accepted warranty.
<b>Where will this item be shipped?</b>	Nationwide
<b>Additional Comments:</b>	
<b>Is there other information you would like to include?</b>	The prior search did not produce accurate results. We revised the requirements for a second post with NAICS codes.