

ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2024-129
Name of the item to be scouted:	Electrolyzer Manufacturer
State item to be used in:	Oklahoma
Describe the Item:	
Please describe the item application/the end use of the item.	Electrolyzer Manufacturers: We are seeking companies that manufacture electrolyzer stacks. Also, looking for organizations that provide electrolyzer stack testing as a service completed 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	x
BABA	
Other (Please Specify)	
Summary of Technical Specifications and Performance Requirements:	
Describe the manufacturing processes (elaborate to provide as much detail as possible)	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
Provide dimensions / size / tolerances / performance specifications of the item	There are no specific requirements at this time. Client will choose multiple types from multiple configuration options.
List required materials needed to make the product, including materials of product components, if applicable	Electrolyzer stacks - materials can vary depending on the type and implementation
Are there applicable certification requirements?	
Yes	
No	x
Please explain:	
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):	TBD, In the pre-design/identification phase. This cannot be forecasted yet because it will be project specific.
Estimated Target Price/Unit Cost Information:	TBD, 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.)	Q1 2025

Describe packaging requirements (i.e. individually/group packaging, etc.)	There are no specific requirements; normal shipping methods will be accepted. Product must be delivered undamaged with an accepted warranty.
Where will this item be shipped?	TBD, In the pre-design/identification phase. This cannot be forecasted yet because it will be project specific.
Additional Comments:	
Is there other information you would like to include?	