

ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2024-096
Name of the item to be scouted:	Glass Fabrication
State item to be used in:	Illinois

Describe the Item:

Please describe the item application/the end use of the item.	Looking for a glass fabricator capable of producing curved/semi-circular, phosphate-free silicate glass with the required dimensions and characteristics mentioned below.
---	---

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	x
Price	
Re-Shore	
Past supplier no longer available	
New Product Startup	
BABA	
Other (Please Specify)	

Summary of Technical Specifications and Performance Requirements:

Describe the manufacturing processes (elaborate to provide as much detail as possible)	Glass Fabrication - Mixing - Melting
--	--------------------------------------

Provide dimensions / size / tolerances / performance specifications of the item	Thickness 0.100+/-0.015 , internal width 1.69" Height .44" overall Length - 2.44" Transmitting characteristics - Wavelength of max transmission -470-500NM
---	--

List required materials needed to make the product, including materials of product components, if applicable	Phosphate free silicate glass (curved/ semi-circle)
--	---

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	
Please explain:	Must pass the humidity test ATPD-2167

Additional Comments:

Additional technical comments:	
--------------------------------	--

Volume and Pricing:

Estimated Potential Business Volume (i.e. #units per day, month, year):	3-4k units annually
---	---------------------

Estimated Target Price/Unit Cost Information:	25\$ per piece
---	----------------

Delivery Requirements:

When is it needed by? (Immediate, 30 days, 6 months, etc.)	ASAP
--	------

Describe packaging requirements (i.e. individually/group packaging, etc.)	It is glass, so as long as it can be delivered in perfect condition
---	---

Where will this item be shipped?	Aurora, Illinois
----------------------------------	------------------

Additional Comments:

Is there other information you would like to include?	
---	--

NOTES:

1. DRAWING TO BE INTERPRETED IN ACCORDANCE WITH STANDARDS PRESCRIBED BY DOD-STD-100C
2. MATERIAL:
PHOSPHATE-FREE SILICATE GLASS.
MATERIAL TO BE DETERMINED TO MEET CHARACTERISTICS OF NOTE 3
3. SPECTRAL TRANSMITTANCE CHARACTERISTICS:
ALL PROPERTIES ARE MEASURED USING COLLIMATED LIGHT AND POLISHED TEST SAMPLES 2.5 MM THICK.
 - A. WAVELENGTH OF MAXIMUM TRANSMISSION: 470-500 NM (NANOMETERS)
 - B. PEAK TRANSMISSION: $63 \pm 3\%$
 - C. HALF WIDTH (FULL WIDTH AT HALF HEIGHT): 90-145 NM
 - D. TRANSMISSION BETWEEN 650-1000 NM: 1% OR LESS
 - E. TYPICAL PHOTOPIC TRANSMITTANCE OF ILLUMINANT A, (2854°K): 15-19%
4. SURFACE FINISH:
POLISHED FINISH BOTH SIDES
5. CORROSION RESISTANCE:
A POLISHED SAMPLE MUST PASS TRANSMITTANCE SPECIFICATIONS AFTER BEING SUBMITTED TO HUMIDITY TEST DESCRIBED BY ATPD-2167
6. BREAK ALL SHARP EDGES
7. BAG AND TAG WHICH BEARS IDENTIFICATION MARKING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-STD-130:
19207-12323931
MFR(CAGE CODE OR LOGO)

