

# ITEM OPPORTUNITY SYNOPSIS

Name of the item to be scouted: Laser Cut Puzzles

State item to be used in: Pennsylvania

## Describe the Item:

Please describe the item application/the end use of item. 2 puzzle designs depicting the map of Pittsburgh, made of MDF/Acrylic and laser cut.

## Supplier Information:

Type of Supplier being sought (select from list below)

**Manufacturer**

Contract Manufacturer

Distributor

Other (please specify)

Reason for scouting submission (select from list below)

**2<sup>nd</sup> Supplier**

Price

Re-Shore

Past supplier no longer available

New Product Startup

Other (please specify)

## Summary of Technical Specifications and Performance Requirements:

Describe the manufacturing processes (elaborate to provide as much detail as possible). Laser cutter used to cut puzzle maps out of MDF & Acrylic. Puzzles include cut, score, and engraved areas. Neighborhood labels are small and must be easily legible. River area is currently being painted after coming out of the laser but open to having them engraved depending on price.

Provide dimensions / size / tolerances / performance specifications of the item. Map 1 - Neighborhoods & Boroughs MDF 33.125" x 10.85" Acrylic 14" x 10.85" Map 2 - Neighborhoods MDF 10.7" x 18.2" Acrylic 8" x 10"

**List required materials needed to make the product, including materials of product components, if applicable.** 1/8" MDF - currently using: <https://smokeyhilldesigns.com/collections/1-8-plywood/products/1-8-mdf> 1/16" Acrylic - currently using: <https://smokeyhilldesigns.com/collections/acrylic/products/1-16-clear-acrylic-per-sheet>

**Are there applicable certification requirements?**

Yes

**No**

**Please Explain:**

**Are there any applicable regulations that apply to the production of this item?**

Yes

**No**

**Please Explain:**

**Are there any other standards, requirements?**

Yes

**No**

**Please Explain:**

**Additional Comments:**

**Additional technical comments:**

**Volume and Pricing:**

**Estimated Potential Business Volume (i.e. #Units per day, month, year):** Est 175 for remainder of 2023, ordered in batches of about 25 across two map designs.

**Estimated Target Price / Unit Cost Information:** Looking for quotes

**Delivery Requirements:**

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

**Describe packaging requirements (i.e., individually/ group packaging).** Puzzles should be packaged as units that include all pieces. Currently about 50% of puzzles are being delivered to customers assembled so receiving them from manufacturer in a way that makes final construction easier is preferred. Final assembly, packaging, and shipping is done by in house.

**Where will this item be shipped?** Pittsburgh, PA

**Additional Comments:**

**Is there other information you would like to include?** I will be expanding the product line going forward with more designs using the same techniques and materials. I'd like to be able to order multiple designs at a time when planning overall quantities. I'd like to receive one sample before placing a large (20-25 piece) order.

