

## Supplier Scouting Opportunity Synopsis

**Item to be scouted:** Transformer

**Days:** 30

**Item description:** Transformer to be used in a new model 208-240 volt AC power supply. These systems are used in the mobile maintenance industry when a 208-240 volt source is not available. There are also potential applications in EV charging.

**NAICS code:** 334416

### Technical Information

-----

#### Supplier Information

-----

**Type of supplier being sought:** Contract manufacturer

**Reason for scouting submission:** New product startup

### Summary of technical specifications and performance requirements

-----

**Describe the manufacturing processes (elaborate to provide as much detail as possible):** Coil winding on commercially available bobbins and cores. Assembly of coil and transformer components. Varnish impregnation.

### Provide dimensions / size / tolerances / performance specifications for the item:

Size: Approx. 5"x5.5"x6" (finished), 30 pounds  
0.97:1.03 Isolation transformer  
120 VAC, 20A continuous  
180 degrees C, Class F  
130 degree C thermostat, open on rise (Cantherm) Steel covers

**List required materials needed to make the product, including materials of product components:**  
wire, bobbins, laminations, varnish, covers, hardware

**Are there applicable certification requirements?:** Underwriters Laboratory (UL) Standard 1012

**Are there applicable regulations?:** No

**Are there any other standards, requirements, etc.?:** No

### Business Information

-----

#### Volume and pricing

-----

**Estimated potential business volume:** 400 units first year

Estimated target price / unit cost information (if unavailable explain): \$400 per unit

**Delivery requirements**

When is it needed by?:

Pilot Run 20 units - 7/15/2023

Production - 9/15/2023

Describe packaging requirements: TBD

Where will this item be shipped?: Phoenix, AZ

**Additional Information**

Photos or diagrams of the item

Check if you uploaded file(s) to Box.com: Yes

Agree (click to read agreement): Yes



