

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-262
Item to be Scouted	Silicone heating element
Days to be scouted	21
Response Due By	09/03/2025
Description	Silicone heating element w/ 3M adhesive, 200mm x 175mm; 50w/ 24V Ready Warm w/ 600 mm wires exit on 200mm side in center of pad

Section 2: Technical Information

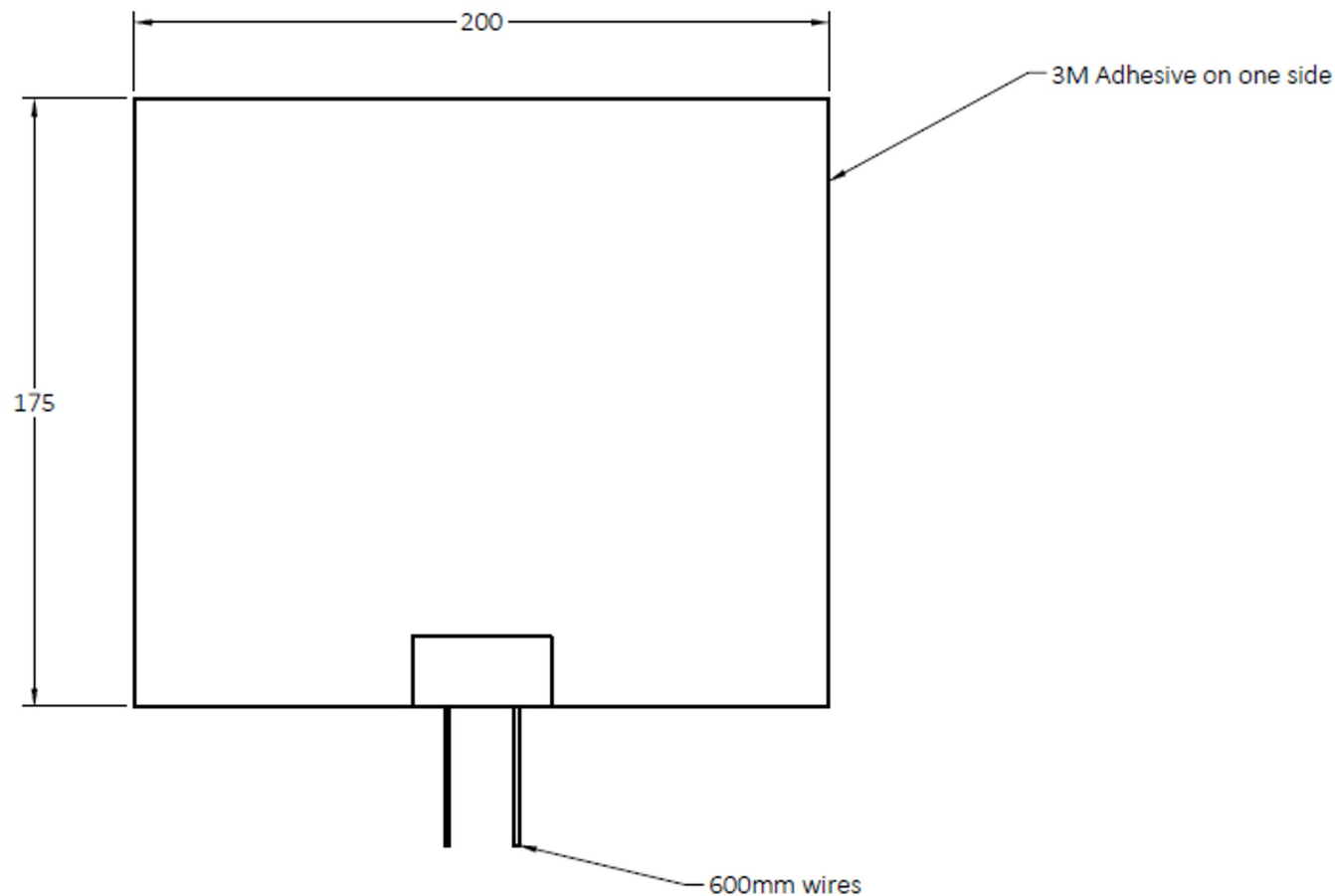
Type of supplier being sought	Manufacturer
Reason	Re-shore
Describe the manufacturing processes (elaborate to provide as much detail as possible)	May include but is not limited to mixing and forming (involving extrusion or cold isostatic pressing), shaping and machining, Metallization, and heat treatment.
Provide dimensions / size / tolerances / performance specifications for the item	200mm x 175mm; 50w/ 24V Ready Warm w/ 600 mm wires exit on 200 mm side in center of pad
List required materials needed to make the product, including materials of product components	May include but is not limited to high-purity silicon carbide (SiC), binders, metal for terminals (molybdenum or tungsten).
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	

Section 4: Business Information

Estimated potential business volume	560 per year currently
Estimated target price / unit cost information (if unavailable explain)	Currently \$14. Target tbd - USA.
When is it needed by?	ASAP
Describe packaging requirements	Best available. Delivered undamaged. Specifics discussed in negotiation.
Where will this item be shipped?	Atlanta GA

Additional Comments

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



Specifications:
24V 50W

	NAME	DATE	UNLESS OTHERWISE SPECIFIED			PROJECT Common	
			UNIT OF MEASURE:		INCHES		
DRAWN		5/27/2025	TOLERANCES: ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$ All angles 90° unless otherwise specified			PART	Heating Element
CHECK						DWG. NO.	
COLOR	N/A					101355	
MATERIAL	Silicone					A	
FINISH	N/A			INCHES	MM	SCALE: 1:2	
			x	± 0.063	± 1.600	APPROX. WEIGHT: N/A	
			x,x	± 0.020	± 0.508	SHEET: 1/1	
			x,xx	± 0.015	± 0.380		
			x,xxx	± 0.005	± 0.125		