MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2024-362
Item to be Scouted	Board Mount Pressure Sensor
Days to be scouted	21
Response Due By	12/11/2024
Description	Seeking a domestic manufacturer capable of producing board mount digital pressure sensors. Specifically looking for a sensor similar to the SSCDRRN002NDAA5 from the SSC Series DS pressure sensors. These digital sensors are designed for versatile applications, offering high accuracy, low power consumption, and a compact form factor.
Notify Requester Immediately	No
State item to be used in	Massachusetts

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	2nd Supplier
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Electronic Assembly
Provide dimensions / size / tolerances / performance specifications for the item	• Pressure range: 0 to 50 PA • Accuracy: ±2% full scale span • Operating temperature range: -40°C to 85°C • Digital output • Tolerances: As per ISO standards and accuracy specifications provided, CE and ROHS compliant
List required materials needed to make the product, including materials of product components	Unknown.
Are there applicable certification requirements?	Yes
Certification(s) required	ISO
Are there applicable regulations?	Yes
Details	RoHS
Are there any other stndards, requirements, etc.?	No
NAICS 1	334513 Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables
NAICS 2	334419 Other Electronic Component Manufacturing
Additional Technical Comments	

Section 4: Business Information

Estimated potential business volume	300 Per Year
Estimated target price / unit cost information (if unavailable explain)	10 USD
When is it needed by?	Q1 2025

Describe packaging requirements	Best available. To be determined in negotiations
Where will this item be shipped?	Taiwan

Additional Comments

Is there other information you would like to include?	Learn about MEP's exporting service (https://www.nist.gov/mep/exporting-services)