

MEPNN Supplier Scouting Opportunity Synopsis

Item Information

Scouting Number	2023-070
Item to be Scouted	Millipore Testing
Days to be scouted	30
Description	South Carolina manufacturer of automotive engine pistons is seeking a contract manufacturer to perform Millipore testing in compliance with ISO 16232-3:2007.
State item to be used in	South Carolina

Contact Information

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First Name	Miranda
Last Name	Craig
Department / Company / MEP Center	South Carolina Manufacturing Extension Partnership (SCMEP)
Bureau / Division / MEP Center Regional Office	

Supplier Information

Type of supplier being sought	Contract manufacturer
Reason	Past supplier no longer available

Summary of technical specifications and performance requirements

Describe the manufacturing processes (elaborate to provide as much detail as possible)	This method can be employed on its own or in association with other methods of extraction described in the ISO 16232 series. It is preferably applied to components of which the surface to be examined is accessible by a jet of test liquid. A Millipore filter is examined to determine acceptable levels of particulate contaminants in automotive components.
Provide dimensions / size / tolerances / performance specifications for the item	Millipore filters are small, flat discs with varying properties depending on size and nature of the particles to be evaluated. Details of the filter media should be included in the test specification.
List required materials needed to make the product, including materials of product components	1 test will be conducted weekly; quantities will vary, but the initial volume will be 32 pistons, and one piston per week afterward. Pistons can be disposed after testing, but records and filters must be retained. A contract manufacturer in the Southeast region is preferred.
Are there applicable certification requirements?	Yes
Certification(s) required	ISO
Are there applicable regulations?	No
Additional Technical Comments	n/a

Volume and Pricing

Estimated potential business volume	The first set of tests will be needed late August or September (beta production). January 2024 will begin mass production.
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Estimated target price / unit cost information (if unavailable explain)	~\$250 per piston
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Delivery Requirements

When is it needed by?	The first set of tests will be needed late August or September (beta production). January 2024 will begin mass production.
Describe packaging requirements	None – the part will not need to be shipped back.
Where will this item be shipped?	South Carolina

Additional Comments

Is there other information you would like to include?	n/a
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