

Supplier Scouting Playbook

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MEP National Network Supplier Scouting Overview

Manufacturing Extension Partnership Summary

The National Institute of Science and Technology (NIST) Manufacturing Extension Partnership (MEP) program improves the competitiveness of U.S. bases manufacturing be making manufacturing technologies, processes, and service more accessible to small and medium-sized manufacturers (SMMs).

The MEP National Network™ (MEPNN) is a unique public-private partnership that delivers comprehensive, proven solutions to U.S. manufacturers, fueling growth and advancing U.S. manufacturing. The MEP National Network, whose mission is to strengthen and empower U.S. manufacturers, comprises the NIST MEP, 51 MEP Centers located in all 50 states and Puerto Rico, the MEP Advisory Board, MEP Center boards, and the Foundation for Manufacturing Excellence, as well as over 1,440 trusted advisors and experts at approximately 460 MEP service locations, providing any U.S. manufacturer with access to resources they need to succeed.

The MEPNN equips U.S. manufacturers with the tools and resources necessary to be competitive in today's rapidly changing marketplace. With MEP Centers in 50 states and Puerto Rico, U.S. manufacturers have easy access to comprehensive, proven solutions. In fiscal year 2022, the Network interacted with more than 36,000 manufacturers.

MEP National Network Supplier Scouting Summary

Supply Chain Optimization Intelligence Network (SCOIN) is a 2-year pilot project investing in the MEP National Network™ (MEPNN) to study manufacturing ecosystems and identify gaps to build more resilient sustainable supply chains.

Supplier Scouting is a key component of the SCOIN pilot. The national Supplier Scouting service can assist in identifying domestic suppliers with the capabilities you need, in some cases allowing you to reshore production, resulting in a shorter supply chain and reduced uncertainty.

The purpose of this playbook is to share information and resources about MEP's Supplier Scouting Services and the MEIS Supplier Scouting Module. The playbook is intended to be a living document and is divided into 6 sections:

- <u>Frequently Asked Questions</u> responses to questions from the MEPNN regarding the basics of Supplier Scouting and the supplier scouting process
- <u>Submitting a Supplier Scouting Opportunity (SSO)</u> how to submit an SSO to initiate the supplier scouting process
- <u>Commonly Used Links</u> list of commonly use links
- Build America, Buy America (BABA) introduction to BABA
- <u>Buy American Act (BAA) Information</u> introduction to BAA
- Appendix A Example MEIS Notifications example email notifications that are related to the supplier scouting process
- Appendix B Example Supplier Scouting Results Report

Frequently asked Questions

What is MEP National Network™ Supplier Scouting?

MEP National Network™ (MEPNN) Supplier Scouting is a vital part of MEP's Supply Chain Optimization Intelligence Network (SCOIN) pilot program. This complimentary service utilizes the extensive expertise of the MEPNN to connect U.S. companies and government agencies with domestic manufacturers who can supply or produce the required products. The goal of supplier scouting is to gather detailed information on local supply chain ecosystems, strengthening and fortifying domestic supply chains in the process.

How are supplier scouting services initiated?

MEPNN Supplier Scouting services are initiated by completing and submitting a Supplier Scouting Opportunity (SSO) <u>form</u>. This form collects detailed technical information about the item(s) you need—such as dimensions, size, performance specifications, and any specific requirements—as well as key business details, including the number of units, estimated cost, delivery schedules, and packaging needs. This comprehensive information helps create a clear and accurate description of your requirements, which will be shared with MEPNN to identify the best suppliers for your needs.

What happens after a SSO is submitted?

After an SSO is submitted, it undergoes a review process to ensure that both technical and business information is complete and accurate.

When are SSO's opened to the Network for scouting?

SSOs are distributed to the MEPNN on Wednesdays for responses. If an SSO is submitted on a Monday, Tuesday, or early Wednesday morning, it is usually distributed on the same Wednesday, provided no additional clarification is needed. However, if the SSO is submitted on Wednesday afternoon, Thursday, or Friday, it is generally distributed the following Wednesday, pending review. Please note that this schedule may vary based on shifting needs and priorities.

What types of results are submitted by MEP Centers?

MEP Centers submit one of the following types of responses to SSOs:

There are 5 types of responses, 4 match types and 1 no match:

- 1. Manufacturer currently produces the exact item
- 2. Partial Match: Manufacturer currently produces a similar item
- 3. Partial Match: Manufacturer currently possesses the capability to produce the item
- 4. Partial Match: Manufacturer possesses relevant capabilities to allow production of the item with minimal retooling
- 5. No match(es) found

How are SSOs scouted by MEP Centers?

MEP Centers scout SSOs by searching for potential matches within their state using a range of tools and resources. These include:

- Industry Databases: Accessing specialized databases that list domestic manufacturers and suppliers.
- Local Networks: Leveraging connections within local business networks and industry associations.
- Existing Relationships: Utilizing their established relationships with manufacturers and suppliers in the region.

- Online Platforms: Using online platforms and directories to identify potential suppliers.
- Internal Expertise: Drawing on their own knowledge and expertise about local industries and capabilities.

By combining these methods, MEP Centers aim to find the best possible matches for the requirements outlined in the SSO.

What happens after a SSO closes?

Once an SSO is closed, the responses are reviewed and published. A notification is then sent to the requester and supply chain experts at each center, informing them of the closure and providing access to the available responses.

How do I contact the MEP Supplier Scouting Team (SST)?

To contact the MEP SST, send an email to scouting@nist.gov.

Who are the members of the NIST SST and what are their roles regarding Supplier Scouting?

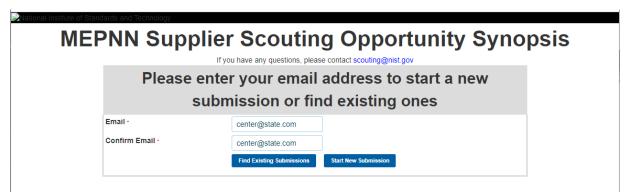
- o Angelina Rivera, Supply Chain Group Manager, National Platforms Division
- o Robert Barnes, Supplier Scouting Operations Administrator, National Platforms Division
- o Samm Webb, Supplier Scouting Operations Manager, National Platforms Division

Submitting an Supplier Scouting Opportunity (SSO)

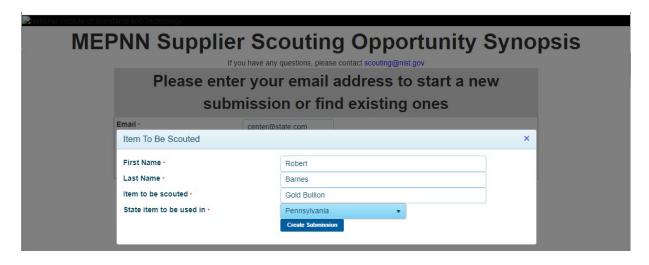
How to submit a Supplier Scouting Opportunity (SSO) Synopsis

Any individual can complete an SSO.

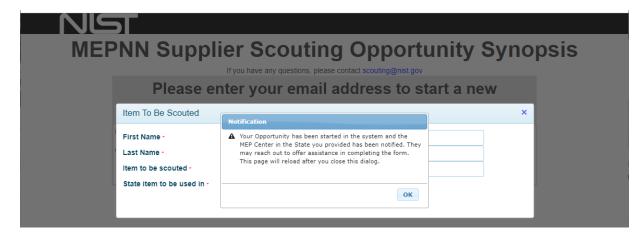
- 1. Navigate to https://meis.nist.gov/SupplierScouting/Submit
- 2. Enter and confirm your email address.



3. Click Start New Submission



- 4. Enter your First Name, Last Name and Item to be scouted.
- 5. Click Create Submission



6. You will receive a notification stating the following:

"Your Opportunity has been started in the system. This page will reload after you close this dialog."

7. Click OK to continue.

Note: As you move from field to field you will receive notification that information is being saved. Should you need to exit or abandon the form before submission you can return at a later time or date to continue editing or complete the form. **Until you click submit, you are able to return and edit the form using your email address (see How to find existing submissions/edit unsubmitted synopses).**

Note: Once submitted, you've submitted the synopsis it can only be edited by the MEP Supplier Scouting Team



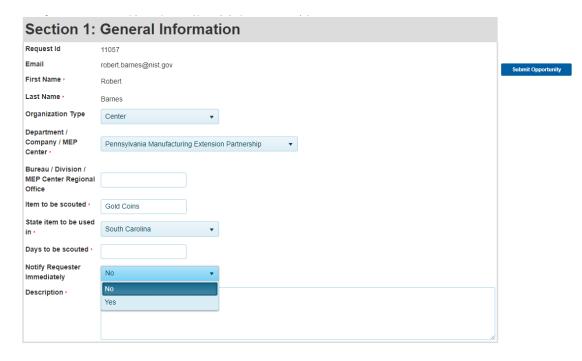
MEPNN Supplier Scouting Opportunity Synopsis

A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995 unless the information collection has a currently valid OMB Control Number. The approved OMB Control Number for this information collection is 0693-0043. Without this approval, we could not conduct this survey/information collection. Public reporting for this information collection is estimated to be approximately 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. All responses to this information collection are voluntary. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden to the NIST MEP, Attn: MEP Help Line, 301-975-8328 or webmaster (mepinfo@nist.gov).

OMB Control#0693-0043 Expiration Date: 6/30/25

Submit Opportunity

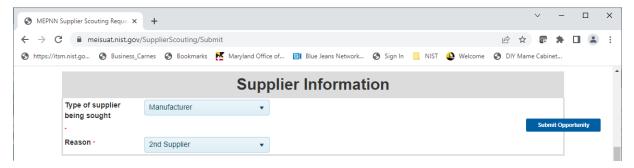
This information is used to develop a clear and concise description that will be shared with MEP Centers in every state and Puerto Rico. MEP Centers will conduct a search for U.S. manufacturers with the capabilities, capacities, and business interests to supply the item(s). Contact the NIST MEP supplier scouting team for assistance to help you complete the opportunity synopsis and answer any questions.



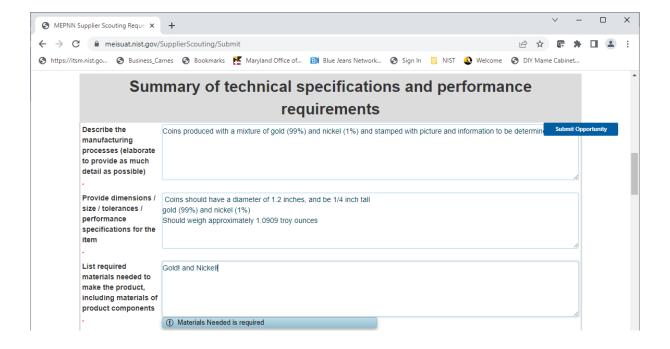
- 8. Once the page reloads, you can complete the fields in the **Contact & Item Information** section by providing the answers, as needed. You will notice some of this fields will be populated with information from the previous page.
 - a. Enter the Organization Type of the person submitting the request
 - i. Center
 - ii. Government Agency
 - iii. Private Entity
 - b. Enter your department / Company / MEP Center
 - i. Examples here are Department of Commerce, Department of Energy. Note:
 Members of the MEPNN will choose their Center from the dropdown list.
 - c. Enter your Bureau / Division / MEP Center Regional Office
 - i. Examples here are NIST (part of the Department of Commerce), Catalyst Connection (part of Pennsylvania MEP), Western Area Power Administration (WAPA) (Part of the Department of Energy)
 - d. Notify Requester Immediately (Only available to members of the MEPNN)
 - i. No
 - ii. Yes
 - iii. Days to be scouted (minimum of 30 days)Ex: 30 days

e. Description

 Ex: General information. End use of the item/service being sought. Conditions, in which, item will be used. For example, in a laboratory, submersed, harsh environment (high heat, extreme cold).

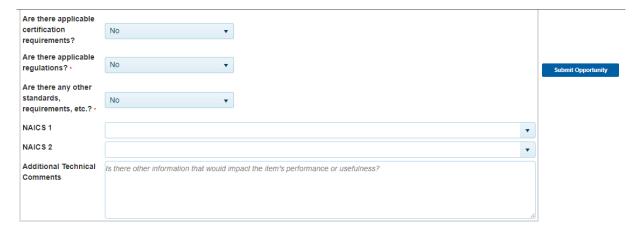


- 9. Complete Supplier Information
 - a. Select the type of supplier being sought.
 - b. Select the Reason

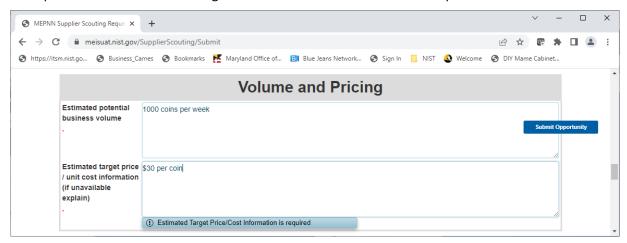


Complete the section on Summary of technical specifications and performance requirements.

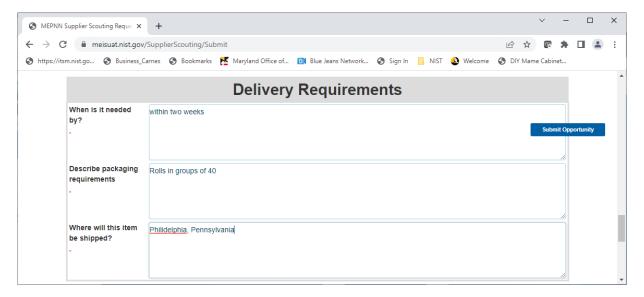
- c. Describe the manufacturing processes (elaborate to provide as much detail as possible)
 - i. Ex: injection molding, metal casting, electronic assembly.
- d. Provide dimensions / size / tolerances / performance specifications for the item.
- e. List required materials needed to make the product, including materials of product components.



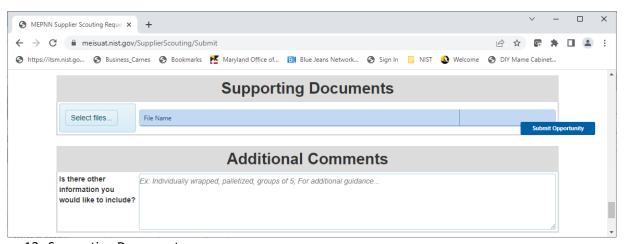
- f. Are there applicable certification requirements?
- g. Are there applicable regulations?
- h. Are there any other standards, requirements, etc.?
- i. NAICS 1 and NAICS 2 Are there any NAICS Codes associated with the item being sought?
- j. Additional Technical Comments*
- *Agencies and organization scouting to comply with BABA are required to include BABA requirements for the item being scouted and contact information for questions.



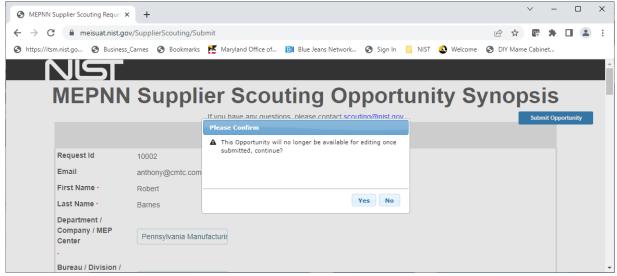
- 10. Complete the section on Volume and Pricing
 - a. Estimated potential business volume.
 - b. Estimated target price / unit cost information (if unavailable explain)



- 11. Complete the section on Delivery Requirements
 - a. When is it needed by?
 - b. Describe packaging requirements.
 - c. Where will this item be shipped?



- 12. Supporting Documents
 - a. Upload any necessary documents.
- 13. Additional Comments
 - a. Enter any additional comments and/or information.

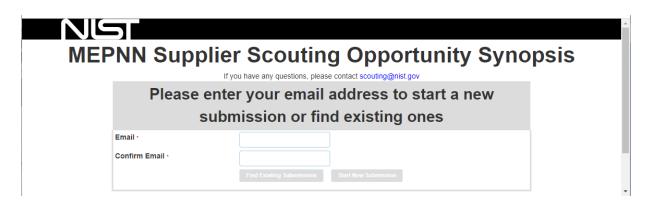


14. Click Submit

a. You will receive a notification stating the following:

"This Opportunity will no longer be available for editing once submitted, continue?"

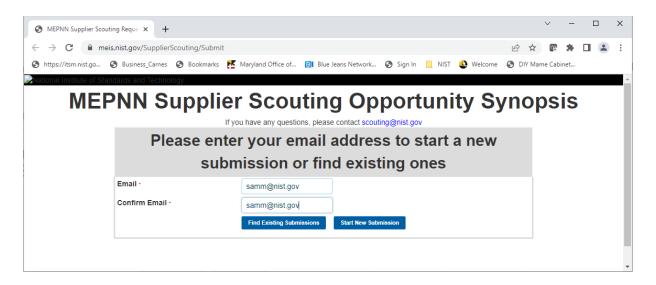
- i. No you can return to the form to further edit.
- ii. Yes
 - 1. Form will be submitted.
 - 2. You will receive a notification stating the following:
 - a. This Opportunity has been submitted and will be reviewed by NIST MEP. You will receive an email once responses have been collected for the opportunity. For questions email <u>scouting@nist.gov</u>. This page will reload after you close this dialog.



15. You will be returned to the landing page.

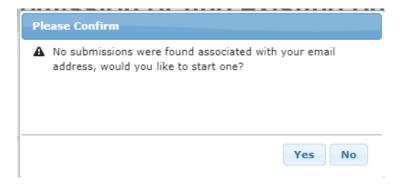
How to find existing submitted synopses/edit unsubmitted synopses

- 1. Navigate to https://meis.nist.gov/SupplierScouting/Submit
- 2. Enter and confirm your email address.
- 3. Click Find Existing Submissions



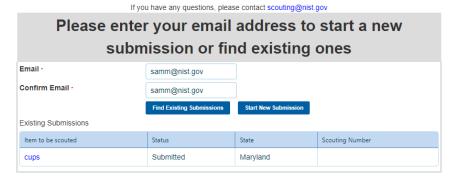
1. If there are no synopses, you will receive a notification stating the following:

"No submissions were found associated with your email address; would you like to start one?"



- 2. If there are synopses associated with the email entered, A list of synopses and their status is displayed.
 - a. Started A Supplier Scouting Opportunity (SSO) synopsis has been started, but has not yet been submitted (the submit button has not been selected)
 - Submitted A SSO has been forwarded to NIST MEP for Review (the submit button has been selected). The SSO can only be further edited by a member of the NIST MEP Supplier Scouting Team (SST)
 - c. Open For Responses A SSO has been forwarded to the MEP National Network (MEPNN) to be reviewed by Supply Chain Experts in all 50 states and Puerto Rico within a specified time frame. Hopefully, producing potential matches with the ability to satisfy the need.
 - d. Closed for Responses When the open period has elapsed, additional responses from Centers are not allowed. Responses are reviewed for very basic information. If that information is present, the response is allowed to be published along with the opportunity
 - e. Published The opportunity synopsis, and all allowed responses are released to be reviewed by the requestor and the MEPNN.

MEPNN Supplier Scouting Opportunity Synopsis



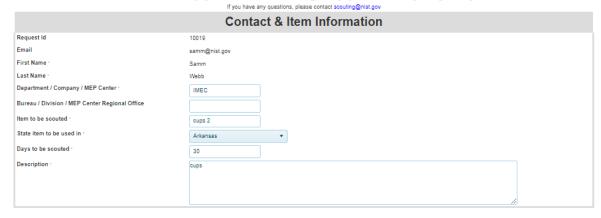
- f. For those with *Submitted* status, NIST MEP will need to be contacted to make changes before being distributed to the National Network for response
- g. For those with *Started* status, edits can still be made by clicking the link of the item to be scouted.
 - i. You will receive an email with a *One Time Use Link* that can be used to access the unsubmitted SSO



Example

ii. Clicking the One Time Use Link in the email will open the synopsis for editing. Changes can be made and then the window closed for additional editing later or Submit can be clicked closing the form for editing and sending to NIST MEP for review.

MEPNN Supplier Scouting Opportunity Synopsis



Note: As you move from field to field you will receive notification that information is being saved. Should you need to exit or abandon the form before submission you can return at a later time or date to continue editing or complete the form. **Until you click submit, you are able to return and edit the form using your email address (see How to find existing submissions/edit unsubmitted synopses).**

Once an SSO has closed

NIST MEP will "publish" the SSO within the MEIS Supplier Scouting module with all relevant responses. The requester will receive a email notification with a one-time link. Click the link to review responses and next steps.

Commonly Used Links

MEPNN Supplier Scouting Opportunity Request

Connect with Your Local MEP Center | NIST

MEP Supplier Scouting Team

Buy American Act (BAA) (41 U.S.C. §§ 8301–8305)

The Infrastructure Investment and Jobs Act (IIJA)

Made in America Office

Build America, Buy America (BABA) Information

What are the requirements of Build America, Buy America?

(1) All iron and steel items used in covered projects must be produced in the United States. This means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States. (2) All manufactured products used in covered projects must be produced in the United States. This means the manufactured product was manufactured in the United States, and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product. (3) All construction materials used in covered projects must be manufactured in the United States. This means that all manufacturing processes for the construction material occurred in the United States.

What Federal financial assistance awards are covered by Build America, Buy America?

Build America, Buy America provisions apply to Federal financial assistance awards (e.g., grants and loans) made after May 14, 2022, that will be used to construct, alter, maintain, or repair infrastructure in the United States. Note that these provisions are not limited to infrastructure projects funded by the Bipartisan Infrastructure Law. Assistance recipients who have questions about whether their particular project is covered by Build America, Buy America should contact the funding agency. (Source: Build America, Buy America Factsheet and FAQs for Award Recipients (whitehouse.gov)

How can product compliance with BABA requirements be demonstrated??

The use of a signed letter is the most direct and effective form of compliance documentation for ensuring products are Buy America compliant. Companies can provide proper documentation that demonstrate compliance with the law. The Federal agency that is funding the infrastructure project subject to Build America, Buy America requirements may have specific requirements for demonstrating compliance.

Buy American Act Information

What Federal funding is subject to is the Buy America Act (BAA)?

Generally, BAA requirements apply to direct Federal procurement—what the Federal government buys for its own use. BAA requires a preference for domestic end products (i.e. an article, material, or supply to be acquired for public use) and domestic construction materials procured by the Federal government. BAA is implemented through Federal Acquisition Regulation (FAR) Part 25.

What are the BAA requirements?

An end product or construction material that is not iron or steel qualifies as a domestic end product or construction material if it is manufactured in the U.S. and more than 65 percent of the cost of all components is also mined, produced or manufactured in the U.S. The threshold for the domestic component requirement is scheduled to increase to 75 percent in calendar year 2029. For iron and steel products, the applicable percentage of cost of domestic components is 95 percent. See FAR 25.003 for more information.

Do domestic items receive a preference in Federal procurement?

Yes, for offers of domestic end products and construction material subject to BAA, an evaluation factor (price preference) is applied. The preference is 50 percent in procurements conducted by the Department of Defense. For procurements conducted by civilian agencies, the preference is 30 percent if the offer is made by a small business and 20 percent if the offer is made by an entity other than a small business.

How do vendors ensure that they are satisfying the BAA requirements?

Offerors submitting an offer for Federal procurement subject to BAA are required to self-certify to Federal agencies that each end product is a domestic end product. See FAR 52.225-2 Buy American Certificate or DFARS 252.225-7000 Buy American-Balance of Payments Program Certificate for more information.

Appendix A – Example Supplier Scouting Notifications Publishing Notification: Received when SSO results have been published

Recipients: Requestor

Subject: MEPNN: A Supplier Scouting Opportunity you submitted is ready for your review

Attachments: Summary Results Report (see Appendix – Summary Results Report)

Greetings {{SupplierScouting.SubmitterFirstName}},

The results for the Supplier Scouting Opportunity submitted on {{SupplierScouting.SubmittedOn}}, is ready for review. The table below details the number and types of matches that were received. Please go to MEPNN: Supplier Scouting to find opportunities associated with your email address and locate the opportunity "{{SupplierScouting.ItemToBeScouted}} ({{SupplierScouting.ScoutingNumber}})".

Match Type	Number of Matches
Manufacturer currently possesses the capability to produce this item	1

Manufacturer currently produces a similar item	5
Manufacturer possesses relevant capabilities to allow production of this item with minimal retooling	2
No match	38

MEP client matches were identified, however, some clients had concerns due to {{concern or concerns sited}} Please contact the MEP Centers below if you are interested in more details.

Center	State		Responder Title	Responder Email	Concern Areas
Indiana MEP - Purdue Manufacturing Extension Partnership	Indiana	Adam	Supply Chain Services Specialist	adam.west@purduecenter.com	Volume

NIST MEP makes no claim that this report represents all capabilities in the U.S. to produce/supply this item/service. We recommend contacting the Center point of contact prior to contacting the company, as each MEP Center has knowledge of the manufacturing ecosystem in their state. They can make introductions, as well as provide additional details about the company's ability to produce the requested item, such as pricing, timing and required investments needed for retooling facilities.

Contact the MEP Supplier Scouting Team (scouting@nist.gov) with any questions.

Submission Notification: Received when an SSO has been successfully submitted

Recipient: Requestor

Subject: ALERT: A new Supplier Scouting Opportunity has been submitted

Thank you for your submission.

MEP will review and get back to you if further information is needed. If no additional information is required, your opportunity will be distributed to National Network for scouting.

The link below allows you to view the Supplier Scouting Opportunity. Any further editing requires contacting the MEP Supplier Scouting team (scouting@nist.gov).

Request Id	12345
Item To Be Scouted	{{SupplierScouting.ItemToBeScouted}}
State item is needed in	{{SupplierScouting.StateName}}
Link to Opportunity	{{SupplierScouting.DirectAccessLink}}

Contact the MEP Supplier Scouting team (scouting@nist.gov) with any questions.

Appendix B – Example Supplier Scouting Results Report

MEP National Network Supplier Scouting Results – 20XX-XXX [Item] 07/25/2024

The results for the Supplier Scouting Opportunity submitted on Friday June 21, 2024, are ready for review.

The National Institute of Standards and Technology Manufacturing Extension Partnership (NIST MEP) makes no claim that this report represents all capabilities in the U.S. to produce this item. The requesting organization will need to vet the identified manufacturers, if any, to determine whether they are a good match. We recommend contacting the Center POC prior to contacting the company.

Scouting results

Match Type	Number of Matches
Exact Match	0
Manufacturer currently possesses the capability to produce this item	1
Manufacturer currently produces a similar item	1
Manufacturer possesses relevant capabilities to allow production of this item with minimal retooling	0
No match	50

Result 1

Company: Callahan Auto (identified by Maryland MEP)

Partial match: Manufacturer currently possesses the capability to produce this item

Product lines and relevant notes: Brakes and brake pads

Company website: Not provided

MEP Center contact:

Superb Scout superb.scout@mdmep.org (410) 555-1212

Result 2

Company: Zalinsky Auto Parts (identified by Iowa Center for Industrial Research and Service)

Partial match: Manufacturer currently produces a similar item

Product lines and relevant notes: Auto parts for personal and commercial applications

Company website: Not provided

MEP Center contact:

Excellent Scout excellent.scout@iastate.edu (515) 555-1212

Summary

The above results for this supplier scouting instance have been recorded by NIST MEP. Each U.S. manufacturer identified represents a legitimate, potential, viable domestic manufacturer for this item.

Recommendations/Next Steps

NIST MEP recommends that you:

- Contact the Center's POC prior to contacting the company.
- Vet these companies for additional information.
- Provide regular updates on the status of this opportunity.