

## \*\*COMPLETE THIS FORM TO INITIATE SUPPLIER SCOUTING\*\*

### MEPNN Supplier Scouting Opportunity Synopsis

- \*The submitting organization (ex. MEP Center, requesting company, federal/state agency) agrees to notify NIST MEP of the status of actions taken as a result of this scouting instance within 30 days after receiving a results report. Notification should be via email to [scouting@nist.gov](mailto:scouting@nist.gov), indicating the following:
- Contact with matches identified in report complete and supply contract awarded, process complete
  - Contact with matches identified in report complete and no supply contract awarded, process complete
  - Contact with matches identified in report complete and supply negotiations underway, process in progress
  - Contact with matches identified in report underway; supply negotiations not yet begun; process in progress
  - Contact with matches identified in report not yet begun, process in progress
  - Contact with matches identified in report will not occur within the next 6-months, process complete

336.4 kcmil ACSS

Item to be Scouted

\_\_\_\_\_ days  
Opportunities will be posted for 30 days unless specified

Please describe the item application/ the end use of item.\* Provide the item number if applicable: (N95 Mask vs Protective Mask).

336.4 kcmil, ACSS/MA3, 30/7 conductors

2022-149

Supplier Scouting Number (NIST MEP use)

335931

Scouting customer/product [NAICS Code](#), if known

|   |   |  |
|---|---|--|
| <b>TECHNICAL INFORMATION:</b>   | <b>1. Supplier Information</b>  | <b>a. Type of supplier being sought*</b><br><input checked="" type="checkbox"/> Manufacturer <input checked="" type="checkbox"/> Contract Manufacturer <input checked="" type="checkbox"/> Distributor<br><input type="checkbox"/> Other _____   |
|   |   | <b>b. Reason for scouting submission*</b><br><input type="checkbox"/> 2 <sup>nd</sup> Supplier <input type="checkbox"/> Price <input type="checkbox"/> Re-shore <input type="checkbox"/> Past supplier no longer available<br><input type="checkbox"/> New Product Startup<br><input checked="" type="checkbox"/> Other <u>Domestic suppliers are not able to provide product in a reasonable amount of time to meet</u> construction project schedules. |
| <b>2. Summary of Technical Specifications and Performance Requirements:</b> | <b>a. Describe the manufacturing processes (elaborate to provide as much detail as possible).*</b>        | Steel and aluminum wires are stranded together to create an ACSS conductor.  |
|   | <b>b. Provide dimensions / size / tolerances / performance specifications for the item.*</b>              | Completed conductor size (circular mil) 336,400; Ultimate strength not less than (LBS) 16,300; Aluminum strands Number 30 Diameter (IN) 0.1059; Steel strands Number 7 Diameter (IN) 0.1059; Continuous operating temperature 250°C  |
|   | <b>c. List required materials needed to make the product, including materials of product components.*</b> | Galvanized steel and annealed aluminum strands   |
|   |   |  |

|   |   |  |
|---|---|--|
| 2. Summary of Technical Specifications and Performance Requirements cont: | d. Are there applicable certification requirements? * <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Please explain   |  |
|   |   |  |
|   | e. Are there applicable regulations? * <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Please explain  |  |
|   |   |  |
|   | f. Are there any other standards, requirements, etc.? * <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Please explain   |  |
|   | See WAPA Construction Standard 10, Sections 10.6.1.1.(2). and 10.6.1.2.(1).   |  |
|   | g. Additional Comments: Is there other information that would impact the item's performance or usefulness? Please explain.<br><br><a href="#">ConstructionStandards2021_Combined.pdf (wapa.gov)</a> pg. 279 |  |
| BUSINESS INFORMATION:   | 3. Volume and Pricing   | 3a. Estimated potential business volume (i.e., # Units Per Day, Month, Year) *:    |
|   |   | WAPA is looking for larger quantities, but exact number is still being determined. |
|   |   | b. Estimated target price / unit cost information (if unavailable explain) *:      |
|   |   | \$1.95 per foot  |
|   | 4. Delivery Requirements:   | a. When is it needed by? (Immediate, 30 Days, 6 months, etc.)*                     |
|   |   | 12 months  |
|   |   | b. Describe packaging requirements (i.e., individually/group packaging)*           |
|   |   | Packaged on large reels.   |
|   |   | c. Where will this item be shipped? *  |
|   |   | Yuma, AZ   |
| 5. Additional Comments:   | Is there other information you would like to include?   |  |
|   | Material is available domestically however domestic suppliers are not able to guarantee delivery in 2023.   |  |

Photos or diagrams of the item (helpful but not required).