

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, 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

_____ days
Opportunities will be posted for 30 days unless specified

Item to be Scouted

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

Supplier Scouting Number (NIST MEP use)

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

TECHNICAL INFORMATION:	1. Supplier Information	a. Type of supplier being sought*
		<input type="checkbox"/> Manufacturer <input type="checkbox"/> Contract Manufacturer <input type="checkbox"/> Distributor <input type="checkbox"/> Other _____
	2. Summary of Technical Specifications and Performance Requirements:	b. Reason for scouting submission*
		<input type="checkbox"/> 2 nd Supplier <input type="checkbox"/> Price <input type="checkbox"/> Re-shore <input type="checkbox"/> Past supplier no longer available <input type="checkbox"/> New Product Startup <input type="checkbox"/> Other _____
		a. Describe the manufacturing processes (elaborate to provide as much detail as possible).*
		b. Provide dimensions / size / tolerances / performance specifications for the item.*
c. List required materials needed to make the product, including materials of product components.*		

2. Summary of Technical Specifications and Performance Requirements cont:	d. Are there applicable certification requirements?* <input type="checkbox"/> Yes <input type="checkbox"/> No Please explain	
	e. Are there applicable regulations?* <input type="checkbox"/> Yes <input type="checkbox"/> No Please explain	
	f. Are there any other standards, requirements, etc.?* <input type="checkbox"/> Yes <input type="checkbox"/> No Please explain	
	g. Additional Comments: Is there other information that would impact the item's performance or usefulness? Please explain.	
BUSINESS INFORMATION:	3. Volume and Pricing	3a. Estimated potential business volume (i.e., # Units Per Day, Month, Year) *:
		b. Estimated target price / unit cost information (if unavailable explain) *:
	4. Delivery Requirements:	a. When is it needed by? (Immediate, 30 Days, 6 months, etc.)*
		b. Describe packaging requirements (i.e., individually/group packaging)*
		c. Where will this item be shipped? *
5. Additional Comments:	Is there other information you would like to include?	

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

Description	Comment	Designator	Quantity	Tolerance	Voltage - Ra	Manufacturer	Manufacturer PN	Footprint				
CAP CER 0.1UF 50V X5R 0603	0.1µF	C1	1	5%	50V	AVX Corporation	06035D104KAT2A	CAPC0603(1608)55_L	https://www.digikey.com/product-detail/en/avx-corporation			
CAP CER 47UF 10V X5R 0805	47µF	C2, C3	2	±20%	10V	Murata Electronics North America	GRM21BR61A476ME15L	CAPC0805(2012)75_L	https://www.digikey.com/product-detail/en/murata-electronics			
CAP CER 2.2UF 50V X5R 0805	2.2µF	C4, C5	2	±10%	50V	Samsung Electro-Mechanics	CL21A225KBFNNNE	CAPC0805(2012)75_L	https://www.digikey.com/product-detail/en/samsung-electro-mechanics			
Capacitor	39pF	C6	1	5%	100V	Murata Electronics North America	GCM1885C2A390JA16D	CAPC0603(1608)100_L	https://www.digikey.com/product-detail/en/murata-electronics			
Capacitor	6800pF	C7	1	5%	50V	Murata Electronics North America	GRM1885C1H682JA01D	CAPC0603(1608)100_L	https://www.digikey.com/product-detail/en/murata-electronics			
DIODE SCHOTTKY 60V 5A SMC	B560C-13-F	D1	1			DiodesIncorporated	B560C-13-F	DIOD-B5X0C-2_M	https://www.digikey.com/product-detail/en/diodes-incorporated			
USB - A Receptacle Connector 4 Position Through Hole, Right Angle	676430910	J1	1			Molex	676430910	67643-0910	https://www.mouser.com/ProductDetail/Molex/67643-0910			
FIXED IND 8.2UH 5.05A 28.6 MOHM	8.2UH	L1	1	±20%		Würth Electronics Inc.	7447797820	7447797820	https://www.digikey.com/product-detail/en/wurth-electronics			
Resistor	53.6K	R1	1	1%		Panasonic Electronic Components	ERJ-3EKF5362V	RESC0603(1608)_L	https://www.digikey.com/product-detail/en/panasonic-electronic-components			
Resistor	220K	R2	1	1%		Panasonic Electronic Components	ERJ-3EKF2203V	RESC0603(1608)_L	https://www.digikey.com/product-detail/en/panasonic-electronic-components			
Resistor	10.2K	R3	1	1%		Panasonic Electronic Components	ERJ-3EKF1022V	RESC0603(1608)_L	https://www.digikey.com/product-detail/en/panasonic-electronic-components			
Resistor	13K	R4	1	1%		Panasonic Electronic Components	ERJ-3EKF1302V	RESC0603(1608)_L	https://www.digikey.com/product-detail/en/panasonic-electronic-components			
Resistor	162K	R5	1	1%		Panasonic Electronic Components	ERJ-3EKF1623V	RESC0603(1608)_L	https://www.digikey.com/product-detail/en/panasonic-electronic-components			
Resistor	43.2K	R6	1	1%		Panasonic Electronic Components	ERJ-3EKF4322V	RESC0603(1608)_L	https://www.digikey.com/product-detail/en/panasonic-electronic-components			
IC REG BCK SPLIT RAIL ADJ 8SOPWR	TPS54360B	U1	1			Texas Instruments	TPS54360BQDDARQ1	TPS54360BQDDARQ1	https://www.digikey.com/product-detail/en/texas-instruments			
Battery Connector	BC-45-3P475		1			SHENZHEN YIWEI TECHNOLOGY Co.,Ltd	BC-45-3P475		rtlcodave@vip.163.com			







