

ITEM OPPORTUNITY SYNOPSIS:

Item to be Scouted

Opportunities will be posted for 30 days unless specified _____ days

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 _____
		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 _____
	2. Describe the Item:	a. Please describe the item application/ the end use of item. <input type="text"/>
		b. Provide the item number <u>if applicable</u>: (N95 Mask vs Protective Mask). <input type="text"/>
	3. Summary of Technical Specifications and Performance Requirements:	a. Provide dimensions / size / tolerances / performance specifications for the item. <input type="text"/>
		b. List required materials needed to make the product, including materials of product components. * <input type="text"/>
		c. Are there applicable certification requirements? <input type="checkbox"/> Yes <input type="checkbox"/> No Explain <input type="text"/>
		d. Are there applicable regulations? <input type="checkbox"/> Yes <input type="checkbox"/> No Explain <input type="text"/>
		e. Are there any other standards, requirements, etc? <input type="checkbox"/> Yes <input type="checkbox"/> No Explain <input type="text"/>

		<ul style="list-style-type: none"> • Housing should be ABS/PC blend for durability • Black in color • Able to survive drop/shock testing • Use current USB industry standard specifications for connection and power supply
		f. Describe the manufacturing processes (elaborate to provide as much detail as possible).
		g. Additional Comments: Is there other information that would impact the item's performance or usefulness? Please explain.
BUSINESS INFORMATION:	4. Volume and Pricing	a. Estimated potential business volume (i.e., # Units Per Day, Month, Year) *:
		b. Estimated target price / unit cost information (flexible and negotiable not accepted) *:
	5. 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? *	
	6. Additional Comments:	a. Is there other information you would like to include?

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



Battery Adapter Device

(U.S. Patent Pending)

The Battery Adapter Device (BAD) was designed and developed by the FBI for use by Specialty Teams and Field Agents. It uses spare Motorola APX™ radio batteries as a power source to recharge USB devices.

The FBI is seeking a partner with manufacturing capabilities to license and produce the device for commercial use.



Potential Customers

- Law Enforcement
- Fire / EMS
- Military
- Any customer that uses the APX radio platform

Benefits

- Portable power source using spare radio batteries already on hand
- One APX™ battery extends a cell phone's power by more than 150%
- Perfect for users who have limited access to AC or DC power for recharging
- Useful in remote situations / Search & Rescue operations

Technology

- The Battery Adapter Device snaps onto a Motorola APX™ radio battery. The device regulates the voltage and current from the radio battery to the USB port.
- Once a radio battery is depleted, it can be quickly swapped out with a fresh radio battery, allowing the user to continue their duties without having to stop for a charge.
- The Battery Adapter Device is about the size of a deck of playing cards. This makes it ideal for storing in a tactical vest, gear, or pants pockets.

Market

- Motorola's APX™ radios are used by over 11,000 organizations around the world and are recognized as the world's leading platform for public safety radio communications.
- Comparable USB power banks retail for \$20-\$40 and require over 2+ hours to recharge.
- The Battery Adapter Device costs under \$10 to produce and capitalizes on existing infrastructure.



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