

	or Elec	ctrical Assembly	Opportuni	_6_0_ ities will be postedfor	_days r 30 days unless specified				
Please o	Please describe the item application/ the end use of item.* Provide the item number if applicable: (N95 Mask vs Protective Mask).								
resis	tivity of		ed in cylindrical samples of concr on. The measurements will be use						
	Scouting	Number (NIST MEP use)							
Scouting customer/product NAICS Code, if known a. Type of supplier being sought*									
TECHNICAL INFORMATION:	1. Supplier Information	Manufacturer Other	Contract Manufacturer	☐ Distribu	tor				
		b. Reason for scouting sul							
			rice \square Re-shore \square	Past supplier no lo	onger available				
O _N	P ?	a. Describe the manufactu	ring processes (elaborate to provide	e as much detail as	possible).*				
	Summary of Technical Specifi erformance Requirements:		ch terminals/electrodes to porous		-				
		b. Provide dimensions / si	ze / tolerances / performance speci	fications for the ite	m.*				
		sensor body: 0.4 x 0.4 x	0.2 inch, terminal size: 0.1 x 0.1 ir	nch, wire length: a	bout 1 foot long				
		c. List required materials	needed to make the product, includ	ing materials of pro	duct components.*				
		attachment: conductive g connection of wires/elect	copper or stainless steel lue to secure the terminals to the rodes to the terminals rer resistant against high pH levels		dy, and proper				



			d. Are there applicable certification requirements?* Yes No Please explain
		2. Summary of	This R&D project will eventually result in certain certification standards, but there are no existing certification requirements.
			e. Are there applicable regulations?* Yes No Please explain
	Requirements	Technical Sp	meet environmental laws and regulations of federal, state, and local Governments for, but not limited to, the following groupings: airborne emissions, waterborne effluents, external radiation levels, outdoor noise, solid and bulk waste disposal practices, and handling and storage of toxic and hazardous materials.
	nents o	Specifications	f. Are there any other standards, requirements, etc.?* Yes No Please explain
	cont:	ations a	To the maximum extent possible, provide or use products that are: energy efficient (ENERGY STAR
		and Pe	g. Additional Comments: Is there other information that would impact the item's performance or usefulness? Please explain.
		Performance	The sensor system will include 1) the sensor body, 2) this electronic assembly (copper or stainless steel wiring/electrodes and terminals insulated with plastic resistant against high pH levels), and 3) a plastic frame, which will have a holding place for the sensor assembly to be securely attached. This manufacturer may opt in to produce one or more of these three components.
В	Pr	ω.	3a. Estimated potential business volume (i.e., # Units Per Day, Month, Year) *:
BUSINESS INFORMATION:	icing	Volume	Once R&D is completed and test method is standardized, there will be around 10,000 units sold per year.
NFC		and	b. Estimated target price / unit cost information (flexible and negotiable not accepted) *:
JRM			Estimated unit cost is about \$10 per sensor electronic assembly
ITAI		4.	a. When is it needed by? (Immediate, 30 Days, 6 months, etc.)*
ON:		Deli	within the next 6 months, but will need more immediate consultation on plans and protocols.
		iver	b. Describe packaging requirements (i.e., individually/group packaging)*
		y Requ	group packaging
	1	₹.	c. Where will this item be shipped?*
'	ļ	쁘	c. Where with any teem be shipped.
		Delivery Requirements:	across the United States and Canada
	-	ements: 5.	**
	င		across the United States and Canada