

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2024-098
Item to be Scouted	Nuclear Magnetic Resonance (NMR) Spectrometer
Days to be scouted	30
Description	Commercially available benchtop nuclear magnetic resonance (NMR) spectrometer
State item to be used in	North Carolina

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	All standard manufacturing processes required to produce a nuclear magnetic resonance (NMR) spectrometer scientific instrument capable of autonomous NMR measurement, data processing, and data extraction. Manufacturing capabilities may include but are not limited to: injection molding, metal casting, electronic manufacture and assembly, precise set up of sensitive analytical equipment, software development accompanying the extraction of NMR data, and IT construction and development for use of the instrument and extraction of data.
Provide dimensions / size / tolerances / performance specifications for the item	NMR must be able to fit compactly on a standard-sized scientific benchtop/workspace. Please see attached product brochure for commercial specifications. Please see attached specifications document for required salient characteristics.
List required materials needed to make the product, including materials of product components	Product is a complex scientific instrument intended for the identification, determination and/ or confirmation of chemical structures, from small and simple molecules to larger and more complex species, including possibilities of monitoring reactions and kinetic. The instrument is controlled via software installed on a computer. Many materials and processes would be required to replicate the instrument, please see attached product brochure for more information and image of equipment.
Are there applicable certification requirements?	Yes
Details	All certifications for laboratory equipment to be utilized in the United States are applicable.
Are there applicable regulations?	Yes
Details	All regulations for laboratory equipment to be utilized in the United States are applicable.
Are there any other standards, requirements, etc.?	Yes
Details	All standards and requirements for laboratory equipment to be utilized in the United States are applicable.
Additional Technical Comments	Must be commercially available and fit the salient characteristics listed on the attached specifications document.

Section 4: Business Information

Estimated potential business volume	This is a one time solicitation for a commercially available NMR spectrometer, which must fit the salient characteristics listed on the attached specifications document.
Estimated target price / unit cost information (if unavailable explain)	US EPA has been quoted \$149,568.26 for the supply, initial setup, and 12 month warranty of one (1) Fourier 80 NMR spectrometer manufactured and sold by the Bruker Corporation.
When is it needed by?	Need is immediate.
Describe packaging requirements	N/a; packaged according to industry standards.
Where will this item be shipped?	Research Triangle Park, NC

Additional Comments

Is there other information you would like to include?	Vendor/company must be registered or will register in SAM.gov (https://sam.gov/content/home). This inquiry does not guarantee award of contract.
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