

## Notice of Intent.

The National Institute of Standards and Technology (NIST) intends to negotiate on a sole source basis, under the authority of FAR 13.106-1(b) (1), with Edax Inc, located in Mahwah, NJ to relocate a FEI Helios 650 focused ion beam scanning electron microscope.

Sole source justification is based on the following:

The National Institute of Standards and Technology (NIST) Materials Measurement Science Division (MMSD) has a requirement to move the existing EDAX Octane Plus X-ray detector from the current location to a different port more in line with the electron backscatter diffraction (EBSD) detector on the existing FEI Helios 650 focused ion beam scanning electron microscope (FIB SEM) (NIST Property # 637285). The EDAX X-ray detector on the Helios 650 FIB SEM is a complex and proprietary piece of equipment that must be adjusted and configured according to the manufacturer (EDAX)'s specifications by the manufacturer's service engineers. The EDAX x-ray detector is currently under maintenance contract and must be serviced only by a EDAX service engineer. The proprietary nature of the existing x-ray detector specification, the need for proprietary information to service the detector, and only one commercial provider for this service make this a sole-source procurement.

For this procurement, the Contractor must move the existing EDAX Octane Plus x-ray detector on an existing FEI Helios 650 focused ion beam scanning electron microscope to a new port and demonstrate the proper functioning of the X-ray detector at its new location.

It is based on this rationale that NIST has concluded Edax Inc. is the only source reasonably available.

The resulting purchase order will be a Firm Fixed Price purchase order.

The NAICS Code for this procurement will be 334516-Analytical laboratory instrument manufacturing and the small business size standard is 500 employees.

No solicitation package will be issued. This notice of intent is not a request for competitive quotations; however, responses received by 12:00EST May 13th, 2016, will be considered by the Government.

A determination by the Government not to compete the proposed acquisition based upon responses to this notice is solely within the discretion of the Government.

Information received will normally be considered solely for the purpose of determining whether to conduct a competitive procurement

Inquiry POCs

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