

Notice of Intent

The National Institute of Standards and Technology (NIST) intends to negotiate, on a sole source basis, under authority of FAR 13.106-1(b) (1), with Canberra Industries, Inc. of Meriden, CT for the procurement of a Tritium Monitor Unit for the National Institute of Standards and Technology (NIST), NIST Center for Neutron Research (NCNR).

NCNR owns and operates a 20 MW test reactor that is licensed by the Nuclear Regulatory Commission. The reactor is being used for the performance of world class scientific research. Tritium is present within the confinement building and needs to be measured at a constant degree for the safety of the employees at the NCNR. NCNR presently has two existing Canberra TAM100D Tritium monitors, one for the building and one for the process room. Each year the Tritium monitors require calibration and upgrade maintenance services. The period required for recalibration and upgrade maintenance services is 3-4 weeks. An additional unit is required to replace the existing in-service unit while it is out for calibration and upgrade maintenance services.

The NCNR requires an identical system for replacement due to existing space in which the systems are currently placed are an exact fit for the existing Canberra TAM100D Tritium Monitors, the I/O output connectors on the existing system are standard for Canberra monitors only, lastly, if another contractors monitors were utilized, it would require full reprogramming and data would be skewed across other pieces of equipment as a result of incorporating a different manufacturers instrumentation and data.

In addition, the measuring range of the Canberra units are unique to Canberra, specifically, Canberra's measuring range is capable of $0.5\mu\text{Ci}/\text{m}^3$ to $1\text{Ci}/\text{m}^3$, this range is compatible with the existing Canberra instrumentation only, incorporating another manufacturer's instrumentation would not provide a measuring range of this capacity.

The North American Industry Classification System (NAICS) code for this acquisition 334513, with a size standard of 500 employees.

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 be considered solely for the purpose of determining whether to conduct a competitive procurement.

No solicitation package will be issued. This notice of intent is not a request for competitive quotations. However, responses received by September 16, 2015 will be considered by the Government.