

ACTION CODE: <NOI>  
SUBJECT: Experis treated cylinders  
REFERENCE NUMBER: NB646030-16-00834  
RESPONSE DATE: 19 Jan 2016  
CONTACT POINTS : Janice Moten, 301/975-6307 [Janice.moten@nist.gov](mailto:Janice.moten@nist.gov))  
Randy Schroyer, 301/975-6314 ([randy.schroyer@nist.gov](mailto:randy.schroyer@nist.gov))

Location:

Acquisition Management Division

Description(s):

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) Soliciting from a single source with Air Products and Chemicals, Inc, 7201 Hamilton Blvd, Allentown, PA18195, under Other Than for the purpose of acquiring (10) ten Part #: 39862 - CYL\_X20A\_EU\_FF1-InternalTreatment; 20L aluminum cylinders with a DIN 1 fitting with the Experis treatment for VOC's, Part # 39862 - CYL\_XSA\_EU\_FF1\_InternalTreatment.

The Gas Sensing Metrology Group of NIST's Chemical Sciences Division [646.03] has been chosen as the Central Calibration Laboratory (CCL) that will supply certified standards containing monoterpenes to the World Metrological Organization (WMO) Global Atmospheric Watch (GAW) Volatile Organic Compounds (VOC) group responsible for monitoring atmospheric monoterpenes that are of importance in global warming gases and climate change. To ensure the success of this project, cylinders and internal treatments must be used to assure long term stability. Great effort (over an 8 years study) was put forward to determine a suitable cylinder package that would support this long term stability of monoterpene gas mixtures. Several National Metrology Institute (NMIs) globally have conducted similar research and all NMIs have concluded that the Air Products cylinder/internal treatment package shows, by far, the best long term stability data. The WMO/GAW group hence has stated that they will require that monoterpene gas standards be contained in these treated aluminum cylinder supplied by Air Products.

No solicitation package will be issued. This notice is not a request for competitive quotations; however, interested parties may identify their interest and capability to respond to the requirement. Inquiries will only be accepted via e-mail to [Janice.moten@nist.gov](mailto:Janice.moten@nist.gov). The government will consider responses received by 12:00PM, EST, 19 JAN 2016. Written responses to this synopsis shall contain sufficient documentation to establish a bona fide capability to fulfill the requirement. A determination by the Government not to compete this proposed requirement 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 in the future. This Notice of Intent is not a Request for Quotation (RFQ) nor is it a request for competition. No telephone requests will be honored.

The North American Industrial Classification System (NAICS) code for this acquisition is 332420 and the size standard is 500.