

HHS-NIH-NCI-ETSB-71002-72  
NOTICE INFORMATION

Agency/Office: National Institutes of Health

Location: National Cancer Institute, Office of Acquisitions

**Title: Metabolomic Profiling for Molecular Epidemiology Studies**

This is a Small Business Sources Sought notice. This is NOT a solicitation for proposals, proposal abstracts, or quotations. The purpose of this notice is to obtain information regarding: (1) the availability and capability of qualified small business sources; (2) whether they are small businesses; HUBZone small businesses; service-disabled, veteran-owned small businesses; 8(a) small businesses; veteran-owned small businesses; woman-owned small businesses; or small disadvantaged businesses; and (3) their size classification relative to the North American Industry Classification System (NAICS) code for the proposed acquisition. Your responses to the information requested will assist the Government in determining the appropriate acquisition method, including whether a set-aside is possible. An organization that is not considered a small business under the applicable NAICS code should not submit a response to this notice. This requirement is assigned a NAICS code of 541380 and the small business size standard for such requirements is \$15 Million per annum. Statements should also include an indication of current certified business status; this indication should be clearly marked on the first page of your capability statement (preferably placed under the eligible small business concern's name and address) as well as the eligible business concern's name, point of contact, address, and DUNS number.

The Division of Cancer Epidemiology and Genetics (DCEG), National Cancer Institute (NCI) is seeking capability statements from all eligible Small Businesses as stated above.

**THERE IS NO SOLICITATION AVAILABLE. THIS IS STRICTLY FOR MARKET RESEARCH.**

**Background:**

The mission of the Division of Cancer Epidemiology and Genetics (DCEG), National Cancer Institute (NCI) is to conduct population and multidisciplinary research to discover the genetic and environmental determinants of cancer and new approaches to cancer prevention. The ability to identify molecular profiles that reflect the onset and progression of different forms of cancer is essential to DCEG's mission. Metabolomics, the study of small molecules within biological samples, has been shown as a promising approach to evaluating diverse cancer types such as those affecting the prostate and brain. Using liquid chromatography-mass spectrometry and gas chromatography-mass-spectrometry (LC-MS, GC-MS) metabolomic profiling in combination with findings from genomic studies holds important promise for elucidating the etiology of a wide variety of cancers.

**Purpose and Objectives:**

The scope of this contract will be to provide metabolomic profiling services for DCEG studies using liquid chromatography and gas chromatography mass spectrometry (LC-MS, GC-MS).

**Project Requirements:**

The Contractor shall furnish services, qualified personnel, material, equipment, including secure computers, and facilities, to provide support services to DCEG studies in the areas of receipt and processing of human biospecimens and temporary storage of biospecimens until they are ready to be included in research activities, and transfer to laboratory for testing.

**Tasks:**

- 1) Measure relative concentrations of at least 800 metabolites in serum, ethylene diamine tetra acetic acid (EDTA) plasma, heparin plasma, and feces using liquid chromatography-mass spectrometry and gas chromatography-mass-spectrometry (LC-MS, GC-MS) with at least 300 metabolites having known identity in all of the above types of specimens. Measured metabolites shall include metabolites from each of the following chemical classes: lipids, amino acids, peptides, xenobiotics, carbohydrates, cofactors and vitamins, nucleotides and energy metabolites. Sensitivity shall be sufficient to detect metabolites within the nanomolar range.
- 2) The Contractor shall be able to analyze 30 samples or more per day, and, for any given sample set, curate data / perform metabolite identification within three or fewer months.

**Anticipated Period of Performance:**

It is anticipated the services will be acquired through full and open competitive procedures. It is anticipated that one Indefinite Delivery Indefinite Quantity (IDIQ) contract will be awarded with a five (5) year period of performance beginning on or about February 7, 2017.

**Information Sought:**

To be deemed capable of providing services that meet the DCEG requirements, please submit a written capability statement demonstrating your ability and experience.

**Submission Information:**

Interested qualified small business organizations should submit a tailored capability statement for this requirement, not to exceed 20 single-sided pages (including all attachments, resumes, charts, etc) presented in single-space and using a 12-point font size minimum, that clearly details the ability to perform the aspects of the notice described above. Statements should also include an indication of current certified small business status; this indication should be clearly marked on the first page of your capability statement, as well as the eligible small business concerns name, point of contact, address and DUNS number.

**Information submission instructions:**

All capability statements sent in response to this SOURCES SOUGHT notice must be submitted electronically (via email) to Juana A. Diaz, Contracting Officer, at diazj@mail.nih.gov in MS Word or Adobe Portable Document Format (PDF) by April 29, 2016 10:00 AM, EST. All responses must be received by the specified due date and time in order to be considered. CAPABILITY STATEMENTS RECEIVED AFTER THIS DATE AND TIME WILL NOT BE CONSIDERED. No collect calls or facsimile transmissions will be accepted.

**Disclaimer and Important Notes:**

This notice does not obligate the Government to award a contract or otherwise pay for the information provided in response. The Government reserves the right to use information provided by respondents for any purpose deemed necessary and legally appropriate. Any organization responding to this notice should ensure that its response is complete and sufficiently detailed to allow the Government to determine the organization's qualifications to perform the work. Respondents are advised that the Government is under no obligation to acknowledge receipt of the information received or provide feedback to respondents with respect to any information submitted. After a review of the responses received, a pre-solicitation synopsis and solicitation may be published in Federal Business Opportunities. However, responses to this notice will not be considered adequate responses to a solicitation.

**Confidentiality:**

No proprietary, classified, confidential, or sensitive information should be included in your response. The Government reserves the right to use any non-proprietary technical information in any resultant solicitation.