SOURCES SOUGHT SYNOPSIS

Multi-purpose X-ray Diffraction (XRD)
NAICS: 334516
Size Standard: 1000 employees

This market survey is being conducted to identify potential sources that may possess the **expertise**, **capabilities**, and **experience** to meet the requirements for obtaining a Multi-purpose X-ray Diffraction (XRD) System in accordance with the Statement of Work (SOW). For use by United States Air Force (USAF) at Tinker AFB. Contractors/Institutions responding to this market research are placed on notice that participation in this survey may not ensure participation in future solicitations or contract awards. The government will not reimburse participants for any expenses associated with their participation in this survey.

INSTRUCTIONS:

1. The attached draft Statement of Work (SOW) provides a description of the commodity required. Below is a Contractor Capability Survey, which allows you to provide your company's capability to meet these requirements.

2. If, after reviewing this Sources Sought Synopsis (SSS) and SOW, you desire to participate in the market research, you should provide documentation that supports your company's capability in meeting these requirements and specifications. Failure to provide documentation may result in the government being unable to adequately assess your capabilities. The Government is interested in finding sources capable of providing the Multi-purpose X-ray Diffraction (XRD) System IAW the SOW.

3. Both large and small businesses, including Small Disadvantaged Businesses 8(a)s, Veteran-Owned SB, Service-Disabled Veteran-Owned Small Businesses, Hubzone Businesses, and Women-Owned Small Businesses. are encouraged to participate in this Market Research.Joint ventures or teaming arrangements are encouraged.

4. Questions relative to this market survey should be addressed to Bryce Cornish, Contracting Officer, bryce.cornish@us.af.mil.

PURPOSE/DESCRIPTION

The Government is conducting market research to identify potential sources that possess the expertise, capabilities, and experience to meet qualification requirements for the Multi-purpose X-ray Diffraction (XRD) System requirement.

CONTRACTOR CAPABILITY SURVEY

Multi-purpose X-ray Diffraction (XRD) System

Part I. Business Information

Please provide the following business information for your company/institution and for any teaming or joint venture partners:

- Company/Institute Name:
- Address:
- Point of Contact:
- CAGE/DUNS:
- Phone Number:
- E-mail Address:
- Web Page URL:
- Size of business pursuant to North American Industry Classification System (NAICS) Code: **334516;** small business size standard of **1000.**
  Based on the above NAICS Code, state whether your company is:
  - Small Business (Yes / No)
  - Woman Owned SB (SBA Cert Date:) (Yes / No)
  - Small Disadvantaged Business (Yes / No)
  - 8(a) Certified (SBA Cert date:) (Yes / No)
  - HUBZone (SBA Cert date:) (Yes / No)
  - Veteran Owned Small Business (Yes / No)
  - Service Disabled Veteran Small Business (Yes / No)
  - -UEI _____ (Yes / No)
  - A statement as to whether your company is domestically or foreign owned (if foreign, please indicate the country of ownership).

Identify if your company is interested in being a Prime or Subcontractor opportunities. If your company interested in possible subcontracting opportunities describe in detail what part or parts of this requirement that your company capable or interested in performing.

Submit information to Bryce Cornish at bryce.cornish@us.af.mil Your information must be received no later than **07 July 2026 at 3:00 pm CDT**.

Part II. Capability Survey Questions

A. General Capability Questions:

1. Briefly describe the capabilities of your facility and the nature of the goods and/or services you provide. Include a description of your staff composition and management structure. (If joint venture clarify which entity possess the capabilities)

2. Describe your company's past experience on previous projects similar in complexity to this requirement. Include contract numbers, a brief description of the work performed, period of performance, agency/organization supported, and individual point of contact (Contracting Officer or Program Manager).

3. What quality assurance processes and test qualification practices does your company employ? Please provide a description of your quality program.

4. Are there specific requirements in the documentation that we provided that would preclude your company from being able to provide a viable solution to our requirement? If so, please state the specific requirement, why you are unable to meet this requirement, and any possible alternatives/solutions you suggest to the requirement.

B. Commerciality Questions:

1. Do you currently provide the same or similar commodity on the open market?

2. Are there established catalog or market prices for our commodity? If you offer this product and/or service to both U.S. Government and commercial sources, is the same workforce used for both the U.S. Government and general public? Is our requirement offered to both the U.S. Government and general public under similar terms and conditions? Briefly describe any differences.