

**SOUTH DAKOTA SCIENCE AND TECHNOLOGY
AUTHORITY LEAD, SOUTH DAKOTA**

REQUEST FOR BID

**ASBESTOS SERVICES
ROSS SUBSTATION & TRESTLE**

RFB Posted:	August 21, 2019
Mandatory Site Visit:	August 29, 2019 9:00 A.M. (RSVP by August 27th, 2019)
Questions Due	September 3, 2019 2:00 P.M.
Questions & Answers Posted:	September 5, 2019 2:00 P.M.
Bid Due Date:	September 10, 2019 2:00 P.M.

The South Dakota Science and Technology Authority (SDSTA) is seeking bids to abate friable asbestos materials (pipe insulation) at the Ross Complex located at the Sanford Underground Research Facility (SURF) in Lead, South Dakota.

1.0 SCOPE OF WORK: Provide services to remove friable asbestos insulation surrounding pipe(s) and from soils below asbestos wrapped pipes.

The location is outside near (around) the Ross Substation and consists of 325-feet of a 2-inch condensate return pipe line and 100-feet of 4-inch steam pipe transitioning into 225-feet of 8-inch pipe. Both pipes are approximately 1- 10 feet off the ground and extend for 225 feet. The remaining 100-feet of both pipes (the 2-inch and 8-inch) are on a trestle that ranges 10-30 feet off the ground. It may be necessary to remove asbestos-contaminated soil below the pipes. The contractor will also be responsible for providing safe access to the work area such clearing and grubbing brush and trees.

It is mandatory for the selected contractor to view these areas to consider the work area and the condition of the paint to help select the abatement process. It is important to justify the selected process.

Under a separate contract, SDSTA will employ a Licensed Asbestos Consultant (?) to assist the contractor by ensuring proper execution of work. Their role will include but is not limited to:

- i. Ensuring the asbestos remediation plans are carried out in accordance with regulatory requirements
- ii. Assisting with the Contractor's Quality Plan
- iii. Performing ambient monitoring
- iv. Performing clearance sampling

2.0 BID REQUIREMENTS:

2.1 Cover Letter

Include contact information, including an email address, for the team's designated contact person who can receive and distribute RFP information on behalf of the team.

2.2 Firm Qualifications

Provide Firm descriptions and evidence of qualifications to address the scope described in this document. Provide three to five examples of projects performed that demonstrate the qualifications and competence for each of the disciplines/requested areas of expertise. Provide client references.

2.3 Individual Qualifications

Provide resumes for all key project staff for each discipline. Biographies should include: Experience with similar relevant projects. Education and registrations.

2.4 Project Understanding and Approach

Provide a brief description of your understanding and approach to the project.

2.5 Support Overview

Describe vendor support during and after implementation, including response times.

2.6 Quality Assurance

Provide a copy of your quality control and assurance programs. Describe your testing and support plan.

2.7 Exceptions

Describe any exceptions to General Provisions and Terms and Conditions. Disclose any existing relationships and previous work with Sanford Lab.

2.8 Rates and Fees (see Schedule A)

2.8.1 Provide mobilization and demobilization costs if not included in the unit cost.

2.8.2 Provide overhead costs (licenses, fees, disposal, transport) if not included in the unit cost.

2.8.3 Provide *identified* unit costs as described in Schedule A.

2.8.4 Provide unit costs *for un-identified* materials if different from 2.8.3.

2.8.5 Provide *all other costs* not identified or attributable to Schedule A.

2.8.6 Provide labor rates.

2.8.7 Provide work experience for all anticipated on-site supervisors that will be assigned to the project.

2.8.8 Provide a company health and safety plan and your respective OSHA 300 logs for the past three (3) years.

2.8.9 Provide Firm's previous asbestos removal experience.

2.8.10 Provide asbestos removal plan/methodology.

3.0 GENERAL REQUIREMENTS:

- Contractor shall meet certification requirements for the State of South Dakota.
- Each Bidder shall have a South Dakota Contractor's License.
- All asbestos workers and supervisors must have successfully completed an EPA approved training course and be AHERA certified, including South Dakota state certification. The contractor shall assume full responsibility and liability for the compliance with all applicable Federal, State, and local regulations pertaining to work practices, hauling, disposal, and protection of work.
- The contractor is responsible for notifying other contractors, SDSTA employees and any other person visiting the site about the work being performed.
- The Contractor is responsible for providing medical examinations and maintaining medical records of personnel as required by the applicable Federal, State, and local regulations.

- The Contractor shall hold the Owner and Owner's Representative harmless for failure to comply with any applicable work, hauling, disposal, safety, health or other regulation on the part of himself, his employees, or his subcontractors.
- Federal Requirements which govern asbestos abatement work or hauling and disposal of asbestos waste materials include but are not limited to the following:
 - U.S. Department of Labor, Occupational Safety and Health Administration, (OSHA), including but not limited to:
 - Occupational Exposure to Asbestos, Tremolite, Anthophyllite, And Actinolite; Final Rules Title 29, Part 1910, Section 1001, and Part 1926, Section 1101 of the Code of Federal Regulations.
 - Respiratory Protection Title 29, Part 1910, section 134 of the Code of Federal Regulations
 - Construction Industry Title 29, Part 1926, of the Code of Federal Regulations
 - Access to Employee Exposure and Medical Records Title 29, Part 1910, Section 2 of the Code of Federal Regulations
 - Hazard Communication Title 29, Part 1910, Section 1200 of the Code of Federal Regulations
 - Specifications for Accident Prevention Signs and Tags Title 29, Part 1910, section 145 of the Code of Federal Regulations U. S. Environmental Protection Agency (EPA) including but not limited to:
- State requirements which govern asbestos abatement work or hauling and disposal of asbestos waste materials include but are not limited to the following:
 - South Dakota Codified Law (SDCL) 34-44 This Law authorized the establishment of an asbestos control program and established fees and penalties. Dated March 3, 1988 as amended.
 - Administrative Rules of South Dakota (ARSD) 74:31 Asbestos Control Program June 5, 1988 as amended
 - Abide by all local requirements, which govern asbestos abatement work or hauling and disposal of asbestos waste materials.

Standards which govern asbestos abatement work or hauling and disposal of asbestos waste materials include but are not limited to the following:

- American National Standards Institute (ANSI)
1430 Broadway New York, New York 10018 (212) 354-3300
- Fundamentals Governing the Design and Operation of Local Exhaust Systems
Publication Z9.2-79
- Practices for Respiratory Protection Publication Z288.2-80
- American Society for Testing and Materials (ASTM)
- *1916 Race Street Philadelphia, PA 19103 (215) 299-5400*
- Specification for Encapsulants for Friable Asbestos Containing Building Materials
Proposal P-189

- Safety and Health Requirements Relating to Occupational Exposure to Asbestos E 849-82
- 1926.1101: Asbestos Standard for Construction -Building and Construction Trades Department. AFL-CIO
- “Guide Specification -02080 Asbestos AIA Service Corporation 1735 New York Ave. E NW, Washington, DC
- Guide Specification for the Abatement of Asbestos Release
- From Spray or Trowel Applied Materials in Buildings and Other Structure Designs.
- Asbestos Control Program NBSIR 87-2688
- Guidelines for Assessment and Abatement of Asbestos-Containing Material in Buildings May 1983
- U.S. Department of Commerce National Bureau of Standards
- National Engineering Lab Center for Building Technology
- Technical Specifications for Term Construction Contract Asbestos Abatement

➤ Project Design requirements specified in the document are listed below:

- Asbestos-Containing Materials in School Buildings: A Guidance Document. Parts 1 & 2. (Orange Books) EPA C00090 (out of print)
- Guidance for Controlling Asbestos-containing Materials in Buildings (Purple Book) EPA 560/5-85-024
- Friable Asbestos-containing Materials in Schools: Identification and Notification Rule (40CFR Part 763), Evaluation of the EPA Asbestos-in-Schools Identification and Notification Rule. EPA 560/5-84-005
- Asbestos in Buildings: National survey of Asbestos-Containing Friable Materials. EPA 560/5-84-006
- Asbestos in Buildings: Guidance for service and Maintenance Personnel. EPA 560/5-85-018
- Asbestos Waste Management Guidance. EPA 530-SW-85-007 Asbestos Fact Book. EPA Office of Public Affairs
- *Asbestos in Buildings. Simplified Sampling Scheme for Friable*
- Surfacing Materials Commercial Laboratories with Polarized Light Microscopy Capabilities for bulk asbestos identification
- A Guide to Respiratory Protection for the Asbestos Abatement Industry. EPA-560-OPTS-86-001.
- Procurement under Assistance Agreements 40 CFR Part 33, FRL 2210-3 Federal Register, Vol. 48 No.60 March 28, 1983, P12922-12938
- Asbestos-containing Materials in Schools Final Rule and Notice 40 CFR Part 763, Federal Register, Vol. 52, No 210, December 14, 1987, P41826-41905

- National Emission Standards for Hazardous Air Pollutants, Asbestos NESHAP Revision Final Rule. November 20, 1990.

4.0 CONTRACTOR RESPONSIBILITIES:

- Contractor will provide their own source of electrical power if required beyond lighting.
- Contractor will provide sanitary facilities (?)
- Contractor will provide approved disposal dumpsters and hauling to landfill.
- Contractor will provide the required water for wetting.
- Contractor will be responsible for the disposal of any contaminated water.
- Contractor may choose method of removal, i.e., glovebag, negative pressure enclosure, drums, or wrap and cut.
- Contractor is responsible for complying with the following regulations and documents for asbestos removal/abatement. (SDSTA preference)
 - a. U.S. Department of Labor, Occupational Safety and Health Administration, (OSHA), including but not limited to:
 - b. Occupational Exposure to Asbestos, Tremolite, Anthophyllite, And Actinolite; Final Rules Title 29, Part 1910, Section 1001, and Part 1926, Section 1101 of the Code of Federal Regulations.
 - c. Respiratory Protection Title 29, Part 1910, section 134 of the Code of Federal Regulations
 - d. Construction Industry Title 29, Part 1926, of the Code of Federal Regulations
 - e. Access to Employee Exposure and Medical Records Title 29, Part 1910, Section 2 of the Code of Federal Regulations
 - f. Hazard Communication Title 29, Part 1910, Section 1200 of the Code of Federal Regulations
 - g. Specifications for Accident Prevention Signs and Tags Title 29, Part 1910, section 145 of the Code of Federal Regulations U. S. Environmental Protection Agency (EPA) including but not limited to:
 - h. State requirements which govern asbestos abatement work or hauling and disposal of asbestos waste materials include but are not limited to the following:
 - South Dakota Codified Law (SDCL) 34-44 This Law authorized the establishment of an asbestos control program and established fees and penalties. Dated March 3, 1988 as amended
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 - i. Asbestos-containing Materials in Schools Final Rule and Notice 40 CFR Part 763, Federal Register, Vol. 52, No 210, December 14, 1987, P41826-41905
 - j. National Emission Standards for Hazardous Air Pollutants, Asbestos NESHAP Revision Final Rule. November 20, 1990
 - k. 29 CFR 1926.103 Respiratory Protection
 - l. 29 CFR 1926.21 Safety Training and Education
 - m. 29 CFR 1926.33 Access to Employee Exposure and Medical Records

- n. 29 CFR 1926.55 Gases, Vapors, Fumes, Dusts, and Mists
- o. 29 CFR 1926.59 Hazard Communication
- p. 29 CFR 1926.62 Lead
- q. 40 CFRs 262-279 Hazardous Waste
- r. ARSD 74:28 Hazardous Waste

5.0 SUBMISSION REQUIREMENTS:

All prospective bidders are required to attend a site visit **August 29th 2019 from 9:00 a.m.-10:30 a.m. MT** at the Sanford Lab, 630 East Summit Street, Lead South Dakota. Pre-registration is required; email mbaumann@sanfordlab.org by close of business **August 27th 2019** to receive instructions and directions. Only companies represented at the site visit will be eligible to submit quotes.

Questions are to be submitted electronically to mbaumann@sanfordlab.org by 2:00 P.M **September 3**. All questions along with their answers will be emailed to all prospective offerors and posted to the sanfordlab.org website no later than **September 5, 2019**.

Offerors shall submit an electronic copy (.pdf format) of the bids no later than 2:00 P.M. **September 10, 2019** to: mbaumann@sanfordlab.org. Late submissions will not be accepted.

The bid period may be extended at the discretion of SDSTA based on the quantity and/or complexity of questions. Any notices of extension of time to respond will be distributed to all prospective offeror by SDSTA.

All communications regarding this procurement between RFB release and contract award shall be directed by email to mbaumann@sanfordlab.org. Communications with other SDSTA staff regarding this procurement in advance of the contract award are not allowed.

- **Sanford Laboratory will provide site specific training (60 minutes).**
- **Sanford Laboratory will provide assistance with the JHA development.**