
REQUEST FOR BID
RFB 2024-10
Battery Shop Roof Repair
South Dakota Science and Technology Authority
May 1, 2024

The South Dakota Science and Technology Authority (SDSTA) is seeking bids for updating the roofing system for the Battery Shop Facility at the Sanford Underground Research Facility (SURF).

Documents included in this Request for Bid include:

- A. Insurance Requirements
- B. Environment, Safety and Health Requirements
- C. Draft Contract 2024-10

1.0 Background

SDSTA is a quasi-governmental agency established by the State of South Dakota to operate and manage SURF at the former Homestake Gold mine in Lead, SD. This facility has been rehabilitated and developed to support a variety of scientific experiments, including physics, biology, geology, and others.

The roof of the SDSTA building known as the “The Battery Shop” needs an updated roofing system as the current one is experiencing leaks. The building was constructed in 1945, and the original roof was a concrete deck that was presumably sealed with an asphalt-based roof coating. Any subsequent repairs were made with asphalt-based products. The roof is low slope (flat) and is approximately 24’ wide by 50’ long.

2.0 Scope

The general scope of work for this contract will include the following:

The contractor selected for this project will be responsible to provide the materials and labor for the project. The work needs to be completed within the construction season time of June thru October of 2024.

Preparations need to include cleaning the existing roof adequately to allow the application and proper adhesion of the new roofing materials. The new roofing system must provide adequate slope to ensure proper drainage to existing roof drains (centered on roof). This could be accomplished with a spray applied product such as polyurethane foam or similar. Once a means to establish proper drainage is installed the final roofing layer(s) must provide an appropriate water proofing membrane such liquid applied coatings (silicone or acrylic) or EPDM. An appropriate flashing will also need to be utilized around the outer edge of the roof. The proposed work must meet or exceed applicable ASTM standards and local building codes.

The Safety Data Sheets documentation for all products to be used needs to be submitted with the bid so SDSTA can approve their use prior to award.

3.0 SDSTA Additional Requirements

- 3.1 The building of interest is near one of the main travel routes at the SURF. Precautions must be taken to make sure any blockage of this road is planned and coordinated with the SDSTA project manager.

4.0 Schedule

The activities noted in the Scope section above should commence following the award of the contract. The schedule for completion of this project is negotiable and flexible to accommodate the contractor's availability. The proposed schedule for the project is:

RFB Posted.....	May 1, 2024
Pre-bid Meeting.....	May 9, 2024, at 1pm
Questions Submitted.....	May 14, 2024, by COB
Q&A Posted	May 17, 2024
RFB Responses Due.....	May 24, 2024, by COB
Contract Awarded By (Target).....	May 31, 2024

Work to be completed by October 31, 2024.

5.0 Progress Reporting and Communication

The SDSTA contact person for this work will be Dan Regan, Buildings and Grounds Foreman.

6.0 Bid Elements

The bid in response to this RFB must contain the following:

- 6.1 Provide firm-fixed price bid to provide labor and materials to prepare old roof and install new roofing system as described in scope.
- 6.2 Provide technical explanation of proposed roofing system that includes added benefits of system.
- 6.3 Provide (3) examples of similar roofing projects on low-slope industrial buildings

7.0 Bid Requirements

- 7.1 Proposers should submit an electronic copy (.pdf format) of the bid to:

Benjamin Brack
Sr. Contracts Specialist
SD Science and Technology Authority
630 East Summit Street
Lead, SD 57754
bbrack@sanfordlab.org

- 7.2 Questions must be sent in writing by email to Benjamin. Answers will be emailed to all prospective proposers and posted to the sanfordlab.org website. Prospective proposers must register with Benjamin to attend the site visit in Lead, SD.
- 7.3 The bid period may be extended at the discretion of the SDSTA based on the quantity and/or complexity of questions. Any notices of extension of time to respond will be distributed to all prospective proposers.
- 7.4 All communications regarding this procurement between RFB release and contract award shall be directed to Benjamin. Communications with other SDSTA staff regarding this procurement in advance of the contract award are not allowed.

8.0 Selection Process

The SDSTA will review all submitted bids for adherence to this request's requirements and capabilities and select the firm providing the Lowest Price – Technically Acceptable bid.

Revision History

Rev	Date	Section	Paragraph	Summary of Change	Authorized by
01	5/17/2022	NA	NA	Initial issue	CCR 573
02	12/1/2022	NA	NA	Change document number from OC to COM	CCR 655