
REQUEST FOR BID
Yates Shaft Fabricated Components
South Dakota Science and Technology Authority
SDSTA Purchase Agreement # 28490
August 28, 2025

The South Dakota Science and Technology Authority (SDSTA) is requesting proposals for fabrication of components to help support maintenance at the Yates Shaft at the Sanford Underground Research Facility (SURF). Documents included in this Request for Bid include:

- A. This Request for Bid
- B. Purchase Agreement Draft
- C. Attachments
 - o Bid Sheet
 - o Drawing 12482 – Guide Clip
 - o Drawing 12483 – 18” Wall Plate Stiffener
 - o Drawing 12484 – J-Hook Washer Plate
 - o Drawing 12485 – 46” J-Hook
 - o Drawing 12487 – 48” Raggle Pin

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.

We are requesting proposals on the following fabricated components based on the attached designs to support the ongoing maintenance of the Yates Shaft. Following the recent top-down maintenance project, routine upkeep is necessary. This solicitation aims to identify a supplier capable of providing set quantities of fabricated components on a monthly or quarterly basis to assist with repairs and maintain the integrity of the timber structure within the shaft.

2.0 Scope

The detailed specifications and design of the components are outlined and attached below:

1. Guide Clip: Drawing #12482

- a. Length: 12 Inches
- b. Angle: 3.5 Inches x 3.5 Inches
- c. Thickness: 3/8 Inch
- d. Material: A36

2. 18” Wall Plate Stiffener: Drawing #12483

- a. C8 x 11.5 Channel Iron
- b. 8 Inch x 18 Inch
- c. 3 Holes:

- i. Ends: ½ Inch Hole - 4 Inch x 3 Inch on center x 2
- ii. Center: 1.63” Hole – 4 Inch x 9 Inch on center

3. J-Hook Washer Plate: Drawing #12484

- a. Metal: 3/8 Inch thick
- b. 6 Inch x 6 Inch
- c. Center Hole: 1.38” Hole -3 Inch x 3 Inch on center
- d. Material: A36

4. 46” J-Hook: Drawing #12485

- a. Metal: 1 ¼ Inch CR
- b. Length: 46 Inches
- c. Gap: 1 ½ Inch +0.25, - 0.00 Inch
- d. Throat: 6 Inches
- e. Thread Size: 1 ¼ -7 UNC – 2A

5. 48” Raggle Pin: Drawing #12487

- a. Metal: 1.38 Inch
- b. Length: 48 Inches +/- 1.00 Inch
- c. Rod End: 2.00 Inches +0.50, - 0.00 In
- d. Hot or Cold Rolled

3.0 SDSTA Additional Requirements

- 3.1 Steel Products must have proof that each item meets the BUY AMERICAN REQUIREMENTS FOR INFRASTRUCTURE PROJECTS. (BUILD AMERICA BY AMERICA ACT (BABAA) Pub. L. No. 117-58).
- 3.2 Written Exceptions.
- 3.3 First quarter quantities delivered by January 31, 2026.

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..... August 28, 2025
Questions Due September 8, 2025
Questions & Answers Posted September 10, 2025
RFB Responses Due..... September 18, 2025
Purchase Agreement Awarded By (Target)..... September 24, 2025

The complete order fulfilled by September 15, 2026.

5.0 Bid Elements

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

- 5.1 Bid Sheet: per item to include labor, material and freight.
- 5.2 Supplier specified schedule of finished parts: weekly, monthly or quarterly.
- 5.3 Delivery to SURF Lead, SD 57754.

6.0 Bid Requirements

- 6.1 Proposers should submit an electronic copy of the bid in PDF format to Eva M. Omdahl at eomdahl@sanfordlab.org.
- 6.2 Questions must be sent in writing by Monday, September 8, 2025 by email to Eva M. Omdahl at eomdahl@sanfordlab.org. Answers will be emailed on Wednesday, September 10, 2025 to all prospective proposers and posted to the sanfordlab.org website.
- 6.3 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.
- 6.4 All communications regarding this procurement between RFB release and contract award shall be directed to Eva M. Omdahl. Communications with other SDSTA staff regarding this procurement in advance of the purchase agreement award are not allowed.

7.0 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 Cost – 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