
REQUEST FOR BID
Pneumatic Winch (Tugger)
South Dakota Science and Technology Authority

Date: 3/31/2023

The South Dakota Science and Technology Authority (SDSTA) is seeking bids for a pneumatic winch at the Sanford Underground Research Facility (SURF). Documents included in this Request for Bid include:

A. This Request for Bid

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 Operations group at the SURF requires specific equipment to complete tasks associated with the day-to-day operation of the facility. One of the said pieces of equipment is a pneumatically driven winch.

2.0 Scope

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

The SDSTA is requesting bids for a pneumatically driven winch that meets the following specifications:

- Load rating of at least 4,500 pounds
- Automatically activated disk brake
- Drum capable of holding at least 200 ft of appropriate wire rope
- Winch must be designed and manufactured to ASME B30.7 standards
- Line speed of at least 75 fpm

3.0 Schedule

The activities noted in the Scope section above should commence following the award of the procurement. 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..... 3/31/2023
RFB Responses Due..... 4/14/2023
Procurement Awarded By (Target) 5/7/2023

4.0 Progress Reporting and Communication

The SDSTA contact person for this work is Jacob Davis (jdavis@sanfordlab.org).

5.0 Bid Elements

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

- 5.1 Bid shall include the cost of winch
- 5.2 Bid shall include cost of 200 feet of appropriate wire rope.
 - 5.2.1 Wire rope shall include hook and appropriate tag with rope specifications
- 5.3 Bid shall include lead time on all components
- 5.4 Bid shall include country of origin (manufacturing) of winch and rope

6.0 Bid Requirements

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

Rhiannon Patterson
SD Science and Technology Authority
630 East Summit Street
Lead, SD 57754
rpatterson@sanfordlab.org

- 6.2 Questions must be sent in writing by email to Rhiannon Patterson (rpatterson@sanfordlab.org). Answers will be emailed to all prospective proposers and posted to the sanfordlab.org website. Prospective proposers must coordinate with Rhiannon Patterson regarding attendance at the site visit in Lead, SD (if required).
- 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 procurement award shall be directed to Rhiannon Patterson. Communications with other SDSTA staff regarding this procurement in advance of the procurement 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 Best Value bid.