

---

**REQUEST FOR BID**  
**8,000 – 10,000 LB Straight Mast Forklift**  
**South Dakota Science and Technology Authority**  
**SDSTA Purchase Order # 27942**  
**June 17, 2025**

The South Dakota Science and Technology Authority (SDSTA) is inviting bids for the rental of one 8,000 – 10,000 LB straight mast forklift that will be used underground for 11 months at the Sanford Underground Research Facility (SURF). Documents included in this Request for Bid include:

- A. This Request for Bid
- B. Draft Purchase Order

## **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.

## **2.0 Scope**

SDSTA is soliciting rental proposals for one 8,000 – 10,000 LB straight mast forklift. It will be primarily used on smooth, chemical free concrete underground at the 4,850-level of the Sanford Underground Research Facility for approximately 11 months. The general equipment specifications and terms are as follows:

- 2.1 Power/Fuel Type:
  - 2.1.1 Diesel or Electric
- 2.2 Operating Specifics:
  - 2.2.1 Rated Operating Capacity: 8,000 LBS – 10,000 LBS
  - 2.2.2 Tires: Non-marking Pneumatic or Cushion
  - 2.2.3 Standard Weight (No Load): 11,000 LBS – 13,300 LBS
  - 2.2.4 Length to Forkface: 115-120 Inches
  - 2.2.5 Overall Working Width: 53-58 Inches
  - 2.2.6 Mast Lowered Height: 82 – 110 Inches
  - 2.2.7 Tines: 42 - 48 Inches
- 2.3 \*\*Disassembled Dimensions for transport on cage to 4,850 Level:
  - 2.3.1 Overall Max Width: 54 Inches
  - 2.3.2 Overall Max Length: 125 Inches
  - 2.3.3 Overall Height: 150 Inches

- 2.4 Safety & Operator Environment:
  - 2.4.1 Gradeability Full Load: Minimum 25%
  - 2.4.2 Neutral Start Safety Switch
  - 2.4.3 Horn
  - 2.4.4 Headlights
  - 2.4.5 Beacon
  - 2.4.6 Back up Alarm

### 3.0 SDSTA Additional Requirements

- 3.1 Inbound Freight to SURF, Lead, SD: July 8<sup>th</sup> – 15th, 2025
- 3.2 **\*\*If machine requires being dissassembled for fitting on the cage, provide one-time service technician on-site to assist with disassembly on surface and assembly underground.**

### 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 .....June 17, 2025  
RFB Responses Due .....June 30, 2025  
Contract Awarded By (Target) .....July 2, 2025

### 5.0 Bid Elements

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

- 5.1 Rental rates per Month
- 5.2 Deviation(s) of Specs
- 5.3 Schedule for Delivery

### 6.0 Bid Requirements

- 6.1 Proposers should submit an electronic copy (.pdf format) of the bid to:
  - Eva M. Omdahl
  - SD Science and Technology Authority
  - 630 East Summit Street
  - Lead, SD 57754
  - [eomdahl@sanfordlab.org](mailto:eomdahl@sanfordlab.org)

- 6.2 Questions will be received until June 24, 2025 by email to Eva M. Omdahl. Answers will be emailed on June 26, 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 purchase order award shall be directed to Eva M. Omdahl. Communications with other SDSTA staff regarding this procurement in advance of the purchase order 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       |