
REQUEST FOR BID
10,000 – 12,000 LB Straight Mast Multi-Directional Forklift
South Dakota Science and Technology Authority
SDSTA Purchase Order # 27860
June 4, 2025

The South Dakota Science and Technology Authority (SDSTA) is inviting bids for the rental of one 10,000 – 12,000 LB straight mast multi-directional forklift 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 Agreement

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 10,000 – 12,000 LB straight mast multi-directional 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 forklift will be for handling bundles of 10-foot pipe and rebar bundles up to 30 feet in length. The general equipment specifications and terms are as follows:

- 2.1 Power/Fuel Type:
 - 2.1.1 Diesel or Electric
 - 2.1.2 Horsepower: 70 - 75 HP
- 2.2 Operating Specifics:
 - 2.2.1 Rated Operating Capacity: 10,000 - 12,000 LBS
 - 2.2.2 4 Way Lever Positioning of Wheels
 - 2.2.3 Tires: Non-marking Pneumatic or Cushion
 - 2.2.4 Overall Working Length: 96 - 104 Inches
 - 2.2.5 Overall Working Width: 86 - 88 Inches
 - 2.2.6 Tires: 46 – 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: 110 Inches
 - 2.3.3 Overall Height: 150 Inches

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- 2.4 Safety & Operator Environment:
 - 2.4.1 Gradeability: 15%
 - 2.4.2 Horn
 - 2.4.3 Headlights
 - 2.4.4 Beacon
 - 2.4.5 Back up Alarm

3.0 SDSTA Additional Requirements

- 3.1 Inbound Freight to SURF, Lead, SD: Week of June 23 – 27, 2025
- 3.2 ****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 PostedJune 4, 2025
RFB Responses DueJune 18, 2025
Contract Awarded By (Target)June 20, 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 Purchase Order Agreement Exception (s)
- 5.4 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
 - comdahl@sanfordlab.org

- 6.2 Questions will be received until June 11, 2025 by email to Eva M. Omdahl. Answers will be emailed on June 13, 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