
REQUEST FOR BID
Compact Wheel Loader
South Dakota Science and Technology Authority
SDSTA Purchase Order # 27774
May 28, 2025

The South Dakota Science and Technology Authority (SDSTA) is inviting bids for the rental of one compact wheel loader to be utilized over a 12-month period 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 compact wheel loader dedicated to general material handling and snow removal operations at the Sanford Underground Research Facility, with an estimated usage period of approximately one year. The general equipment specifications and terms are as follows:

2.1 Engine:

- 2.1.1 Emissions EPA: Tier 4 Final
- 2.1.2 Fuel Type: Diesel
- 2.1.3 Horsepower (Gross): Approx. 110 HP

2.2 Operating Specifics:

- 2.2.1 Operating Weight: Approx. 18,102 lbs
- 2.2.2 Tires: 15.5 R25
- 2.2.3 Full Turn Load Capacity: Approx. 10,000 lbs
- 2.2.4 Clearance Height (Level Work Tool): Approx. 11 ft 2 in
- 2.2.5 Max Dump Clearance: Approx. 9 ft
- 2.2.6 Ride Control
- 2.2.7 Front & Rear Locking Differentials
- 2.2.8 Bucket Capacity: 2.0 CYD – 2.5 CYD
- 2.2.9 Forks & Carriage: 48 in Tines

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- 2.3 Dimensions:
 - 2.3.1 Height to top of Cab: Approx. 9 ft 10 in
 - 2.3.2 Overall Length: Approx. 20 ft 9 in
 - 2.3.3 Width (Over Tires): Approx 7 ft 4 in
 - 2.4 Operator Environment:
 - 2.4.1 Cab: FOPS ISO 3449:2005
 - 2.4.2 Cab: ROPS ISO 3471:2008
 - 2.4.3 Enclosed Cab
 - 2.4.4 Heat & Air Conditioning
 - 2.4.5 Rearview Camera
 - 2.4.6 Lift & Tilt Kickouts

3.0 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 PostedMay 28, 2025
RFB Responses DueJune 11, 2025
Purchase Order Issued By (Target).....June 13, 2025

4.0 Bid Elements

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

- 4.1 Rental Rates per Month
- 4.2 Deviation(s) of Specs
- 4.3 Purchase Order Exception(s)
- 4.4 Inbound Freight to SURF, Lead, SD: Week of June 16th – 20th , 2025

5.0 Bid Requirements

- 5.1 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

- 5.2 Questions will be received until June 4, 2025 by email to Eva M. Omdahl. Answers will be emailed on June 6, 2025 to all prospective proposers and posted to the sanfordlab.org website.
- 5.3 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.
- 5.4 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.

6.0 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