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**REQUEST FOR BID**  
***Two Compact Loaders***  
**South Dakota Science and Technology Authority**  
**SDSTA Purchase Order # 26756**  
***December 17, 2024***

The South Dakota Science and Technology Authority (SDSTA) is seeking bids for TWO COMPACT LOADERS 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 desires to acquire two walk-behind or stand-on compact loaders. The general scope for this purchase will include the following:

### 2.1 Engine Requirements:

- 2.1.1 Horsepower – Not less than 24.8HP
- 2.1.2 EPA Emissions Engine Tier – Tier 4
- 2.1.3 Engine Cooling Type – Liquid
- 2.1.4 Engine Fuel – Diesel
- 2.1.5 Displacement – 55 Cubic Inches

### 2.2 Operational Dimensions:

- 2.2.1 Rated Operating Capacity – Appx. 1000lbs
- 2.2.2 Carry Position ROC with Standard Counterweight – Undercarriage Position – Appx. 1300lbs
- 2.2.3 Operating Weight – Appx. 3390lbs

### 2.3 Dimensions:

- 2.3.1 Length – Not more than 106.2 Inches
- 2.3.2 Width – Not more than 35.6 Inches
- 2.3.3 Height – Not more than 54.6 Inches
- 2.3.4 Height to Bucket Hinge Pin – Not more than 80.9 Inches
- 2.3.5 Length of Track on Ground – Not less than 18.6 Inches

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- 2.4 Features:
    - 2.4.1 Lift-Arm Support
    - 2.4.2 Auxiliary Hydraulics for Attachments
    - 2.4.3 Spark Arrestor Muffler
    - 2.4.4 Neutral Start Interlock System
    - 2.4.5 Lift Arm Lockout with Manual Bypass
    - 2.4.6 Tilt Lockout
    - 2.4.7 Built-in Tie Down & Crane/Lift Locations

### 3.0 SDSTA Additional Requirements

- 3.1 A minimum of a 1-year warranty. The vendor to provide alternative for consideration.

### 4.0 Schedule

The schedule for delivery of this equipment shall be as soon as practical after Purchase Order is fully executed. The proposed schedule for the project is:

RFB Posted..... 12/17/24  
RFB Responses Due..... 01/20/25  
Purchase Order Issued By (Target) ..... 01/30/25

### 5.0 Bid Elements

- 5.1 Written exceptions to RFB and/or product specifications
- 5.2 Shipping costs
- 5.3 Total bid cost
- 5.4 Estimated delivery schedule
- 5.5 Warranty information

### 6.0 Bid Requirements

- 6.1 Proposers should submit an electronic copy (.pdf format) of the bid to:
  - Shelly Nisly
  - SD Science and Technology Authority
  - 630 East Summit Street
  - Lead, SD 57754
  - [mnisly@sanfordlab.org](mailto:mnisly@sanfordlab.org)
- 6.2 Questions must be sent in writing by email to Shelly Nisly ([mnisly@sanfordlab.org](mailto:mnisly@sanfordlab.org)). Answers will be emailed 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 communication regarding this procurement between RFB release and purchase order being issued shall be directed to Shelly Nisly. Communications with other SDSTA staff regarding this procurement in advance of the purchase order being issued 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