
REQUEST FOR BID
WATER TREATMENT FILTER MEDIA PURCHASE
South Dakota Science and Technology Authority
SDSTA Purchase Order # 25396 -REV 1
07/23/2024 08/12/2024

The South Dakota Science and Technology Authority is seeking bids to supply the media required for the Yardney media filters used by the Wastewater Treatment Plant at the Sanford Underground Research Facility (SURF). Documents included in this Request for Bid include:

A. This Request for Bid

1.0 Background

The South Dakota Science and Technology Authority (SDSTA) is a quasi-governmental agency established by the State of South Dakota to operate and manage the Sanford Underground Research Facility (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 Wastewater Treatment Plan at the SURF is used to treat water that is pumped from the underground prior to its release from the property. One step of the water treatment process is to filter the water through several layers of media contained within the Yardney filter bank(s).

2.0 Scope

The SDSTA is requesting a bid for the cost of the following items (including shipping) required to replace media in the Yardney Filter bank(s). Note: All media must be cleaned.

1. 48-Each – 80lb Bags Gravel Pack (#3) ½” - ¾”
2. 96-Each – 50lb Bags Garnet #12 (1.45mm)
3. 256-Each – 50lb Bags Fine Garnet (0.35mm)
4. 104-Each – 50lb Bags Anthracite (0.8mm – 0.9mm)

The size of individual bags isn't of significance, if total volume requested is met.

3.0 Schedule

The ordering of items noted in the Scope section above shall commence following the issuance of the Purchase Order. The proposed schedule for the project is:

RFB Posted.....	07/24/2024
RFB Posted.....	08/12/2024
Bids Due.....	08/06/2024
Bids Due.....	8/16/2024 by 10:00AM (MDT)

4.0 Contact and Communication

The SDSTA contact person for this work is Shelly Nisly. She can be reached at 605-722-4056 or by email at mnisly@sanfordlab.org.

5.0 Bid Elements

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

- 5.1 Firm Fixed Price bid for the base scope.
- 5.2 Delivery timeframe as to when equipment can be provided.
 - 5.2.1 No special delivery requirements.
 - 5.2.2 Delivery address: 651 Ellison St
Lead, SD 57783
- 5.3 Unique Entity Identification (SAM).

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

- 6.2 Questions must be sent in writing by email to Shelly Nisly (mnisly@sanfordlab.org).
- 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 by Shelly Nisly.
- 6.4 All communications 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 price – 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	Chang document number from OC to COM	CCR 655
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