
REQUEST FOR BID
4850L Ross Campus Restroom Electrical Connection
South Dakota Science and Technology Authority
SDSTA Purchase Order # 27839
June 4, 2025

The South Dakota Science and Technology Authority (SDSTA) is seeking bids for **4850L Ross Campus Restroom Electrical Connection** for the Sanford Underground Research Facility (SURF). Documents included in this Request for Bid include:

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

Please review all documents carefully to ensure your submission meets the required qualifications and includes all necessary information.

1.0 Background

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.

2.0 Scope

SDSTA is requesting a bid for the cost of electrical materials required to connect restrooms at the 4850L Ross Campus, including shipping:

1. 1000 FT - 2/0 3 Conductor with Ground 600 V Airguard (*or similar*) cable
2. 500 FT - #4 - 3 Conductor with Ground 600 V Airguard (*or similar*) cable
3. 1000 FT - #10- 3 Conductor with Ground 600 V Airguard (*or similar*) cable
4. 2 EA - 500 FT Spools of White #10 XHHW-2 *or* RW90
5. 2 EA – 500 FT Spools of Red #10 XHHW-2 *or* RW90
6. 2 EA – 500 FT Spools of Black #10 XHHW-2 *or* RW90
7. 1 EA – 500 FT Spool of Green #10 XHHW-2 *or* RW90
8. 2 EA - 60 Amp 600 V 3-Phase Disconnects 3R Fused
9. 1 EA - 100 Amp 600 V 3-Phase Disconnects 3R Fused
10. 3 EA - 30 Amp 600 V 3-Phase Disconnects 3R Fused
11. 300 FT - ¾-inch EMT
12. 1 Box - ¾-inch Set Screw Couplings Steel
13. 1 Box - ¾-inch Set Screw Connectors with Insulated Throat Steel
14. 75 EA - Cobra Straps for ¾-inch EMT *or* Ridged T&B CPC075

-
15. 150 EA - Cobra Straps for 1¼-inch EMT *or* Ridged T&B CPC125
 16. 4 EA - CGB Connectors 2-inch
 17. 4 EA - CGB Connectors 1½- inch
 18. 1 Box - CGB Connectors ¾-inch
 19. 1 EA - MPZ 15kva 480 V to 120/240
 20. 1 EA -60 Amp 250 V 3-Phase Disconnect 3R Fused
 21. 6 EA -FRS-R-60 Amp Fuse
 22. 3 EA – 30 Amp 250 V 3-Phase Disconnect 3R Fused
 23. 3 EA - FRN-R- 60 Amp Fuse
 24. 9 EA - 10 Amp 250 Time Delay Fuse
 25. 10 EA - Sticks of 1½-inch Strut

3.0 Schedule

Ordering of the items noted in the **Scope** section above should commence following the full execution of the Purchase Order Agreement.

The proposed timeline is:

RFB Posted.....	06/04/25
RFB Response Due	06/24/25
Purchase Order Issued By (Target)	07/01/25

4.0 Bid Elements – Please **INLCUDE** the following with your bid:

- 4.1 Written exception(s) to RFB
- 4.2 Shipping costs
- 4.3 Total bid cost
- 4.4 Estimated delivery schedule
- 4.5 Warranty information
- 4.6 Proof that each applicable product meets the **BUY AMERICAN REQUIREMENTS FOR INFRASTRUCTURE PROJECTS**.

5.0 Bid Requirements

For your bid to be eligible for consideration, please submit an electronic copy in **.pdf format** to Shelly Nisly at mnisly@sanfordlab.org.

- 5.1 Questions must be submitted in writing via email to Shelly Nisly (mnisly@sanfordlab.org). Answers will be emailed to all prospective bidders and posted to the sanfordlab.org website.
- 5.2 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 bidders.

-
- 5.3 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.

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