

### Bid Specifications for Front-Loading Commercial Electric Kiln

- Manufacturer: Fredrickson Kiln Co, Brand: Fredrickson, Part #: FR 28. No other brand will be accepted.
- Quantity: 2
- Cubic Footage: 28
- Electrical: Amps at 240 Volt 3 Phase = 84 (12) OR Amps at 208 Volt 3 Phase = 90 (15)
- Front Loading
- Kiln Vent System
- Multi-Zone Digital Controller
- Solid State Relays
- 7" Insulating Refractory
- ¼" Angle Steel Frames
- Replaceable Door Seal
- Adjustable Door Hinges
- Adjustable Door Clamps
- Kanthal A-1 Elements
- Electric Box Cooling Fan
- Mercury Displacement Relays
- Door Activated Shut Off
- Arch Roof with Cast Backup
- 2400 Degree Refractory

To include Manufacture Warranty

Expected Delivery Date: April 2024 or before, but flexible if need be

Ship To:

South Dakota State University  
Facilities & Services  
Attn: Luke Ganshaw  
1451 Stadium Road  
Brookings, SD 57007