



# Town of Merrimack, New Hampshire

6 Baboosic Lake Rd · Merrimack, NH 03054 · [www.merrimacknh.gov](http://www.merrimacknh.gov)

November 6, 2023

## REQUEST FOR BID Muffle Furnace

Bids will be received by the Town of Merrimack *until 2:00 PM (local time) on Monday, November 27, 2023* to supply and deliver one large capacity Muffle Furnace equal to a Thermolyne™ Large Muffle Furnace to the Wastewater Treatment Facility Lab, in accordance with the enclosed detailed bid specifications and following conditions.

The bid shall be submitted on the Bid Form furnished herewith and shall exclude state and federal taxes not applicable to municipalities. The bid price shall include delivery and be quoted F.O.B. Town of Merrimack, Wastewater Treatment Facility, 36 Mast Rd., Merrimack, NH 03054.

The Town reserves the right to reject any or all bids, to waive irregularities in the bids, and to accept the bid which best serves the interest of the Town.

Bids may be faxed or mailed and marked “Muffle Furnace”, shall include the bid form furnished, and be mailed to the Town of Merrimack Finance Department, 6 Baboosic Lake Rd, Merrimack, NH 03054 or faxed to (603) 424-0516 by the time specified above when they will be read aloud.

It is the bidder’s responsibility to confirm the bid is received by the Finance Department by the date and time specified.

The Town of Merrimack’s Purchasing Policy is available on the Town’s website: [http://www.merrimacknh.gov/town/departments/finance/bid\\_opportunities](http://www.merrimacknh.gov/town/departments/finance/bid_opportunities); a copy may be obtained by contacting the Purchasing Agent.

For additional information contact Kelly Valluzzi, Purchasing Agent, at [kvalluzzi@merrimacknh.gov](mailto:kvalluzzi@merrimacknh.gov) or (603) 424-7075.



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## **BID SPECIFICATIONS** Muffle Furnace

The Town of Merrimack request for bid for a large capacity Muffle Furnace equal to a Thermolyne™ Large Muffle Furnace for the Wastewater Treatment Facility's Lab. Below are the required specifications.

- Heating elements: 4 (top, bottom and sides)
- Vent Port: Built in 2.5" ID
- Venting Kit Stainless Steel: 2.5" X 5ft Long (Included)
- Temperature Monitoring Port: 0.312 diameter port to allow for monitoring the temperature with a separate measuring device
- Door Safety Switch: Stops power heating when door is open
- Thermocouple Break Connection: Cuts power to heating element to prevent thermocouple run away condition
- Shelf : Stainless steel with pegs (Included)
- Manufacturer's Warranty: One year parts and labor minimum
- Capacity: at least 0.5 cu/ft
- Certification: CSA approved
- Temperature Range: 100°C to 1200°C
- Controls: Single set point is acceptable
- Power Consumption: 2325 watts
- Shelf: Must be stainless steel with hardware (Included)
- Temperature Stability:  $\pm 0.3$  at 1000°C
- Temperature Uniformity:  $\pm 2.2$  at 1000°C
- Dimensions (L x W x H) Interior: 10 x 12.8 x 6.8 in. (25 x 33 x 18 cm)
- Dimensions (L x W x H) Exterior: 20.1 x 19.1 x 21 in. (51 x 48.5 x 53.3 cm)
- Electrical Requirements: 208 Volts
- Amperage: 11.2 Amps
- Frequency: 50/60 Hertz

- Plug Style:



Tandem  
230/208V.  
15 Amp.



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## Bid for Muffle Furnace Bid Form

**Due by 2:00PM Monday, November 27, 2023**

One (1) Muffle Furnace equal to a Thermolyne™ Large Muffle Furnace, including delivery, according to the Town's bid specifications:

Make: \_\_\_\_\_ Model: \_\_\_\_\_ \$ \_\_\_\_\_

Warranty included: \_\_\_\_\_

*Delivery will be made within \_\_\_\_ calendar days after receipt of the Town's related purchase order.*

**Bidder Name:** \_\_\_\_\_

The above bid is provided in accordance with the Town's bid invitation dated November 6, 2023, except as indicated below:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Bidder: \_\_\_\_\_

Street Address: \_\_\_\_\_

City, State, Zip Code: \_\_\_\_\_

Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

E-Mail: \_\_\_\_\_