



**Request for Bids
Sterilizing Autoclave- BIA
Bid No.: B16-007**

**Purchasing Department
73 Harlow Street
Bangor, Maine 04401
207-992-4282**

Issue Date: August 3, 2015

I. Introduction

The City of Bangor requests bids to furnish and deliver one (1) sterilizing autoclave delivered FOB Destination to the Bangor International Airport, at Bangor Airport Food Services, 61 Florida Avenue, Bangor, Maine 04401. The equipment and all attachments must comply with the specifications noted in this request.

II. General Information

General information is available on the City's website at the following web address: www.bangormaine.gov/bids/proposals. By submitting a response to this solicitation, the bidder accepts the responsibility for downloading, reading and bidding by the terms and conditions set forth in the City's "General Information for Vendors". All questions shall be directed in writing to bids@bangormaine.gov.

III. Submission

To be considered, please return pages three (3) through five (5) including the Bid Form (page 5) in an envelope clearly marked "**Bid No.: B16-007: Sterilizing Autoclave-BIA**" by **2:00 PM, Wednesday, August 19, 2015**, to the Purchasing Department, City Hall, 73 Harlow Street, Bangor, Maine 04401.

Bids may also be submitted via email by using the link at the top of this page or by sending to: bids@bangormaine.gov. If emailing bid, please reference "**Bid No.: B16-007: Sterilizing Autoclave- BIA**" in the subject line. Bids will be publicly opened at the time stated above.

IV. Questions

Any questions must be directed in writing to bids@bangormaine.gov no later than **4:30 PM, Friday, August 12, 2015**.

The City will issue a response to any questions or inquiries submitted in writing by the date above, on or before **4:30 PM, Monday, August 14, 2015**. The response will be in the form of an addendum, which will be available on the City's website.

V. Award

The bid award will be based on one or more of the following:

- Price of the unit offered and cost of replacement parts.
- Quality and performance of the unit offered.
- Availability of the unit.
- Prior history or experience with the Bidder, and prior history or experience with the unit offered.

VI. Information for Bidders

The specifications listed represent the City's basic requirements for the unit requested. The specifications should be viewed as a guideline for the City's needs and not an absolute minimum or maximum requirement. Alternate specifications will be considered.

Pages three (3) through five (5) of this request must be completed and returned with all questions answered in order to be considered.

Alternate specifications will be considered subject to approval. All bids must include a comprehensive list of any exceptions to the specifications as noted herein for each component of the vehicle. Any unapproved exceptions found in the delivered equipment will be cause for rejection of that equipment.

The entire unit and all equipment must be thoroughly inspected, serviced and ready for use upon delivery to the Airport, in accordance with bid proposal. All work performed must meet established industry standards of quality to be acceptable. Any unacceptable work must be corrected before payment is issued.

Equipment must meet all applicable Federal and State of Maine safety regulations.

The right is reserved to reject any or all bids, to waive informalities or defects in bids, or to accept a higher cost bid if such action is deemed to be in the best interest of the City of Bangor.

Vendor Name: _____

VII. Specifications

The Specifications listed below under "Requested Specifications" represent the City's basic requirements for a Gravity or Vacuum Sterilizing Autoclave requested. The specifications should be viewed as a guideline for the City's needs and not an absolute minimum or maximum requirement.

Alternate specifications will be considered but may not be accepted. New or pre-owned (used and/or refurbished) unit offers will be considered. The City will purchase the equipment that will best meet the requirements of the Bangor International Airport.

All bids must include a separate list of likely replacement parts or components that are crucial to the operation of the vehicle and their cost to the City.

All bids must include a current list of customers/users of the equipment offered in this bid.

Note: The following specification forms must be completed and returned with the Bid Form. Failure to do so may result in disqualification.

Requested Specifications

- Unit must be operated by a boiler supplied by the Airport, for both high pressure and low pressure steam. (See attached Columbia Boiler specifications)
- Type of material to be processed: Regulated garbage
- Planned disposal method of processed waste: Landfill
- Unit must be delivered ready to utilize monitoring system for time and temperature testing.

Meets Spec: Yes _____ No _____

Other system requirements

- Complete set of operating, maintenance and parts manuals = hard copy and/or CD versions
- Maintenance and Unit Operation training must be provided by manufacturer or bidder prior to taking delivery (either at the manufacturer plant or at delivery point)

Meets Spec: Yes _____ No _____

Sterilizing Requirements

Proposed Requirements

- Carbon steel sterilizer
- Minimum 5 cubic yard/750 pound capacity
- (4) Standard aluminum carts included with unit
- Hydraulic cart lift included with unit
- Steam inlet valve
- Steam vent valve
- (1) Aluminum pull-out drawer

Safety requirements

- Quadruple door lock minimum
- Wedge lock door design

Warranty

- Minimum of one (1) year warranty on complete unit



Bid Form
Sterilizing Autoclave- BIA
Bid No.: B16-007

Bid Deadline:
2:00 PM, Wednesday
August 19, 2015

Notes:

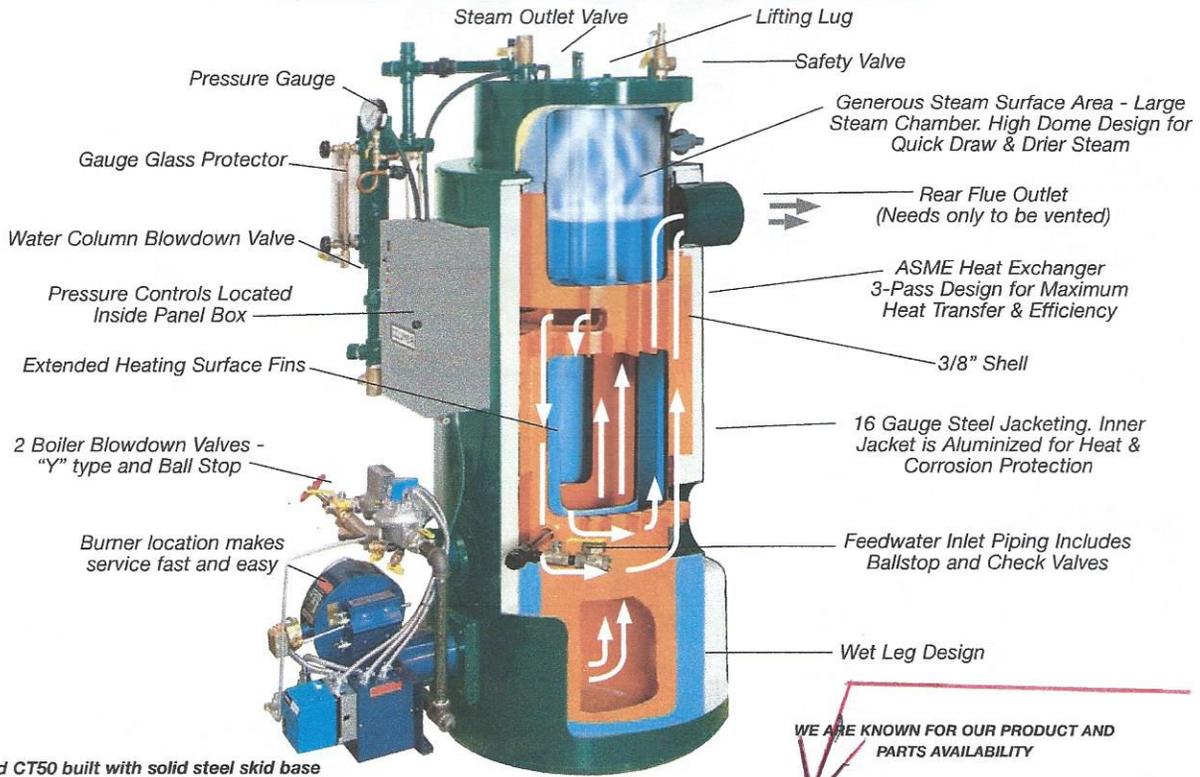
- **Equipment must be bid by using this Bid Form. Pages three (3) through five (5) of this request must be completed and returned with all questions answered.**
- **If there are any exceptions in the unit, a complete list of such exception must accompany all bids.**
- **Please note manufacturer, model, and year manufactured of all the major components of the proposed vehicle.**

Failure to comply with the above may result in disqualification.

| Item | Description | Total Bid Amount |
|--|-----------------------|------------------|
| 1 | Sterilizing Autoclave | \$ _____ |
| Year: Make: Model: | | |
| Estimated delivery after receipt of order: | | |
| Warranty Terms: | | |
| Does the unit proposed meet the requested specifications? ____ Yes ____ No | | |
| <i>Price must include all miscellaneous charges: fuel, transportation etc. No other charges will be accepted.</i> | | |

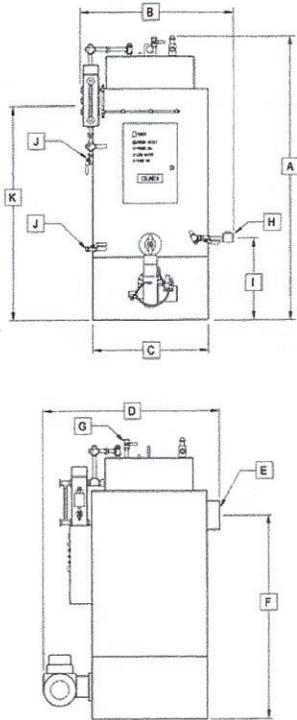
| | | | |
|--------------------------|--|--------------|--|
| Business Name: | | | |
| Street or PO Box: | | | |
| City, State, Zip: | | | |
| Telephone Number: | | | |
| Fax Number: | | | |
| Email Address: | | | |
| Signature: | | | |
| Contact Name: | | | |
| Title: | | Date: | |

COLUMBIA ADVANTAGES



CT35 and CT50 built with solid steel skid base

WE ARE KNOWN FOR OUR PRODUCT AND PARTS AVAILABILITY



CT SPECIFICATIONS AND DATA

| MODEL NO | CT-6 | CT-10 | CT-15 | CT-20 | CT-25 | CT-35* | CT-50* |
|---|-----------|------------|------------|------------|------------|------------|------------|
| RATINGS: | | | | | | | |
| Horsepower | 6 | 9.5 | 15 | 20 | 25 | 35 | 50 |
| Gas Input (BTU per hour) | 252,000 | 399,000 | 630,000 | 840,000 | 1,050,000 | 1,470,000 | 2,100,000 |
| Oil Input (Gals. per hour) | 2.00 | 2.85 | 4.50 | 6.00 | 7.50 | 10.50 | 15.00 |
| Output (BTU per hour) | 201,600 | 320,000 | 504,000 | 672,000 | 840,000 | 1,176,000 | 1,680,000 |
| Output (Lbs. steam per hour) | 207 | 320 | 517 | 690 | 862 | 1207 | 1725 |
| Maximum Allowable Working Pressure | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| Water Capacity (Gals.) | 16 | 52 | 70 | 86.5 | 110 | 90 | 240 |
| Steam Release Surface Area | 183 sq in | 389 sq in | 389 sq in | 501 sq in | 627 sq in | 817 sq in | 1402 sq in |
| Hand Hole Sizes | (3)3x4 | (3)3x3-3/4 | (3)3x3-3/4 | (4)3x3-3/4 | (4)3x3-3/4 | (4)3x3-3/4 | (4)3x3-3/4 |
| BOILER DIMENSIONS: | | | | | | | |
| A Boiler Height (includes piping) | 70" | 63" | 80" | 82" | 90" | 96" | 103" |
| B Boiler Diameter (left to right, packaged including M & M) | 34" | 36" | 36" | 39" | 42" | 43" | 56" |
| C Boiler Diameter (left to right, less trim & piping) | 27" | 34" | 34" | 37" | 40" | 43" | 56" |
| D Burner to Flue Outlet (approx.) | 47" | 58" | 58" | 59-1/2" | 64" | 71" | 94" |
| E Flue Outlet (diameter) | 6" | 6" | 8" | 8" | 10" | 12" | 12" |
| F Flue Outlet to Floor (centerline) | 48-1/4" | 40-1/4" | 56-1/4" | 57-1/4" | 61-5/8" | 69" | 76-1/4" |
| G Steam Outlet (IPS) | 3/4" | 1" | 1" | 1" | 1-1/4" | 1-1/4" | 2" |
| H Feedwater Inlet (IPS) | 1/2" | 1/2" | 1/2" | 3/4" | 3/4" | 3/4" | 1" |
| I Feedwater Inlet to Floor (centerline) | 22-3/8" | 9-1/4" | 9-1/4" | 11-1/4" | 11-3/4" | 13-1/2" | 15-1/2" |
| J Blowdown Outlet (IPS) | 1" | 1" | 1" | 1" | 1" | 1" | 1-1/4" |
| K Normal Water Line to Floor | 46-3/4" | 42" | 59" | 68" | 71-1/2" | 81-1/2" | |
| Approx. Floor Space | 3' x 5' | 3.25'x5.5' | 3.25'x5.5' | 3.25'x5.5' | 4' x 6' | 5' x 8' | 6' x 10' |
| CRATED DIMENSIONS: | | | | | | | |
| Left to Right | 38" | 41-1/2" | 41-1/2" | 44" | 44" | 45-1/2" | 56" |
| Front to Rear | 53" | 67" | 67" | 72" | 72" | 77" | 96" |
| Height | 73" | 86" | 86" | 95" | 95" | 95" | 104" |
| Approx. Shipping Wt. (skidded & crated) | 1580 lb | 1900 lb | 2500 lb | 3150 lb | 3450 lb | 4650 lb | 6200 lb |

CT BOILER/BURNER UNITS: Completely assembled, piped, wired & factory tested with steam pressure gauge, water level gauge, gauge cocks with ball checks, gauge glass protector, steam safety valve, steam supply ball valve, boiler and water column blowdown valves, hand hole inspection plate assemblies, feedwater inlet ball valve & check valve, jacket and 3" poured refractory insulation, water column with probe type low water cut-off and pump control, additional probe type low water cut-off with manual reset, steam pressure control, steam hi-limit pressure control with manual reset, feed pump motor contactor, and UL listed burner with safety and operating controls. CSD-1 approval is standard on all boilers. * CT35 and CT50 are built on a solid steel skid base.

CT35 skid base 45" x 48-1/2" CT50 skid base 56" x 66" (WxL)



MADE IN THE USA

Manufactured in USA by
COLUMBIA BOILER COMPANY
 P.O. Box 1070, Pottstown, PA 19464
 (610) 323-2700 FAX (610) 323-7292
 www.columbiaboiler.com
 cbcsales@columbiaboiler.com





COLUMBIA

Boiler Company

CT SERIES

- **Vertical, Tubeless, 3 Pass Design**
- **150 PSI Steam Boiler (15 and 250 psi also available)**
- **6 to 50 BHP**
- **201 to 1680 MBTU/hr.**
- **Extra Large Steam Capacity**
- **Submerged Water Cooled Furnace (First in the Industry)**
- **High Efficiency Low-High-Low and Modulating Burners Available**
- **Low Emission Burners Available**



Since 1936

You can do BETTER with Columbia

GOOD people. BETTER Boilers. BEST value.

