



INVITATION TO BIDDERS

The City of Gatlinburg is accepting sealed bids on the removal and disposal of old equipment and replace existing with one (1) Lochinvar Multi-Flue Charger Water Heater and Expansion Tank. The specifications are located within the bid packet.

Bids will be received at City Hall until **2:30 p.m., December 10, 2015** at which time they will be publicly opened and read aloud. No bid may be withdrawn for thirty (30) days.

Bid shall be sealed in an envelope with the bidder's name, address, the bid opening time and date and the quotation "Lochinvar Water Heater" stated plainly on the outside.

For questions concerning the Bid Documents, Bidders may contact City of Gatlinburg, Delea Patterson, AP/Purchasing at 865-436-1409 or Fax 865-436-6464 or deleap@gatlinburgtn.gov. Questions about the specifications need to be directed to Building Maintenance Department, Wayne Large, at 865-436-1444. Please Contact Wayne Large to schedule appointment for visual inspection at Gatlinburg City Hall location.

Bid specifications will also be available on the City of Gatlinburg website at www.gatlinburgtn.gov under "Out for Bids" tab. This bid tab is located under Gatlinburg Government, and then Purchasing. Bid results are posted in the same area as shortly after bid opening as possible.

The City reserves the right to qualify bidders, to waive any informalities, to reject any and/or all bids, and to accept the bid deemed most favorable and in the best interest of the City.

It is the policy of the City of Gatlinburg not to discriminate on the basis of race, color, national origin, age, sex, or disability in its hiring and employment practices, or in admission to, access to, or operation of its programs, services and activities. With regard to all aspects of this contract, contractor certifies and warrants it will comply with this policy.

GENERAL PROVISIONS

Prices quoted shall not include Federal or State taxes, if any are applicable. The successful bidder shall furnish tax exemption forms, if required, with their invoices.

The prices quoted are that for which the materials or services will be delivered F.O.B. Gatlinburg, Tennessee.

Any additions, deletions, or variations from the following specifications must be noted.

Inspection of the materials or equipment will be made by an agent of the City of Gatlinburg, and if found defective or fails in any way to meet the terms of this agreement, it will be rejected. Rejected materials or equipment will be replaced at the expense of the bidder.

All technical specifications must accompany bid.

The City of Gatlinburg reserves the right to purchase additional units or services under the same terms and conditions for a period of one (1) year.

The City of Gatlinburg reserves the right to extend this agreement for one (1) additional year after the completion of the first year agreement.

The City of Gatlinburg reserves the right to defer payment for thirty (30) days after delivery. The City of Gatlinburg also reserves the right to reject any and/or all bids.

The bidder agrees to indemnify the City of Gatlinburg from any and all liability; loss or damage the City may suffer as a result of claims, demands, costs, or judgments against it arising from any and all work under this agreement.

The bidder agrees to notify the City, in writing, within thirty (30) days, by registered mail, at the City's address as stated in this agreement, of any claim against the bidder on the obligations indemnified against.

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Vendor shall possess all of the necessary insurances and licenses required to perform this type and size of project. Winning bidder may be asked for a list of references.

BID SPECIFICATIONS

Removal and disposal of old equipment and replace existing with Lochinvar Multi-Flue Water Heater and Zurn Wilkins Division Expansion Tank Model WXTP-8 or comparable water expansion tank. Successful Bidder must be able to complete the project during after-hours of Gatlinburg City Hall.

Lochinvar Specifications



Typical Specification for Lochinvar Multi-Flue Charger Water Heaters *Models 120,000 - 500,000 Btu/hr*

The **WATER HEATER** shall be a **LOCHINVAR "MULTI-FLUE CHARGER"**, Model CGN199100 having an input rating of 199,000 Btu/hr, a recovery capacity of 193 gallons per hour at a 100°F rise and shall be operated on (Natural Gas) (L.P. Gas).

The tank construction shall be of a high strength steel with a multi-flue design for increased heat transfer efficiency. The tank shall be constructed in accordance with (standard construction requirements and shall be designed to withstand a hydrostatic test pressure of two times the working pressure without leakage.) (the ASME Boiler and Pressure Vessel Code requirements, stamped and registered with the National Board of Boiler and Pressure Vessel Inspectors.) The tank shall have a working pressure of 150 psi. The tank shall be furnished with a handhole for ease of inspection, cleanout and service. The interior of the tank shall be glass lined and fired to 1600° F to ensure a molecular fusing of glass and steel. The tank shall be furnished with two or more tank saver anodes to provide electrolytic protection and shall carry a three (3) year limited warranty.

The **WATER HEATER** shall be constructed with a heavy gauge steel jacket assembly. The tank shall be completely encased in non-CFC polyurethane closed cell foam insulation to maximize heat retention and lower standby heat loss. The exterior of the jacket assembly shall be finished in a 3-coat acrylic enamel finish. The unit shall have a low silhouette, external draft diverter to allow easy connection to a Category I, negative draft, venting system.

The **WATER HEATERS** shall have a slide out burner tray assembly for easy access and cleaning. The burner tray shall use multiple ported burners which fire on a horizontal plane.

The controls shall include an adjustable aquastat, a manual reset high limit control and a temperature and pressure relief valve. The **WATER HEATER** shall be approved to provide 180° F water for sanitation, commercial and industrial operation. The safety control system shall have an Intermittent Spark Ignition and electronic flame supervision to provide 4-second main burner shut-down upon flame failure. A vent damper, interlocked with the 24 VAC controls shall be used to reduce heat loss in off cycle. Control circuit is 120 VAC with 24 VAC a transformer.

The **WATER HEATER** shall be certified and listed by Underwriters Laboratories. The water heater shall be certified for CSA Low Lead Content. The **WATER HEATER** shall comply with the energy efficiency requirements for standby loss and thermal efficiency as specified in the latest edition of the ASHRAE 90.1 Standard.

Delea Patterson, AP/Purchasing
City of Gatlinburg
1230 Parkway East
P.O. Box 5
Gatlinburg, TN 37738

RE: one (1) Lochinvar Multi-Flue Charger Water Heater and one (1) Zurn Wilkins Division Expansion Tank Model WXTP-8.

The specifications for the above-mentioned items have been reviewed and the following is offered for all labor and materials involved in replacement with one (1) Lochinvar Multi-Flue Charger Water Heater and one (1) Zurn Wilkins Division Expansion Tank Model WXTP-8 (price to include all demolition, disposal, materials, labor, and repair of adjacent finishes to match existing):

\$ _____

Removal, disposal of old equipment and replace with one (1) Lochinvar Multi-Flue Charger Water Heater and one (1) Zurn Wilkins Division Expansion Tank Model WXTP-8

Estimated Days for delivery after bid awarded _____.

If offering Equivalent models, please note in Deviations section below.

All bids are to include delivery to a specified location in Gatlinburg.

Any deviations from these specifications are listed below (use back if necessary).

DEVIATIONS YES _____ NO _____

Bidder Contact Information:

_____ Signed/	_____ Date
_____ Name (Print)	_____ Telephone
_____ Company Name	_____ Fax Number
_____ Address	_____ Email
_____ City State Zip	

EACH BIDDER SHALL SUBMIT THIS STATEMENT OF COMPLIANCE WITH THEIR BID.

For Title VI and IX compliance, we ask for voluntary disclosure of the following information:

Gender:	Male	_____
	Female	_____
Race:	Caucasian	_____
	African-American	_____
	Other (specify)	_____

BIDDER LIST

(Project open to all qualified bidders)

Quality Plumbing
405 Donovan's Way
Kodak, TN 37764
rspadaro@quality-pm.com

H.L Oakley Plumbing

Bobby Taylor Plumbing

Cherokee Group
P.O. Box 6248
Sevierville, TN 37864
865-428-6919 Fax 428-6984
cmccarty@thecherokeegroup.net