

INVITATION TO BID

Sealed bids marked "Heating, Ventilation, and Hot Water Systems at Aiken and Norfeldt Elementary Schools – Bid #6068F" will be received at the office of the Purchasing Division, Room 223, Town Hall, 50 South Main Street, West Hartford, Connecticut until 2:00 PM on June 17, 2009 at which time they will be publicly opened and read.

Drawings and Specifications for review will be available in the Purchasing Office, Room 223, Town Hall, 50 South Main Street, West Hartford, Connecticut, 06107. Bid Forms, Drawings, and Specifications may be obtained at this location for a non-refundable deposit of \$25.00. Make deposit check payable to the Town of West Hartford. The Town does not mail drawings and specifications. The Contractor may arrange for delivery of the drawings and specifications by a third party at the Contractor's expense. Any questions concerning this request for bid shall be addressed to the Purchasing Agent at the address below.

A pre-bid conference will be held on June 3, 2009 at 2:00 PM at Aiken Elementary School Main Office, 212 King Philip Drive, West Hartford at which time questions concerning the project will be answered. Prospective bidders are expected to attend the pre-bid meeting as this will be the only opportunity to verbalize questions relative to this project and view the job site with the Town's project team.

All Bidders must file with their bid a bid bond, certified or treasurer's check in the amount of 10% of the total of the base bid made payable to the Town of West Hartford.

Performance and Labor and Material Payment bonds in the amount of 100% of the contract price will be required of the successful bidder if the contract pursuant to this request for bids exceeds \$50,000.00.

No bid may be withdrawn for a period of ninety (90) days after the opening of bids without the approval and written consent of the Town of West Hartford.

The right is reserved to reject any and all bids, to waive any informalities in the bidding and to make awards in any manner that is the most beneficial to the Town.

Bidders are encouraged to attend the Town's bid opening at which time the public is afforded an opportunity to record bid prices received in response to the Town's solicitation. Bidders who would like the results of the bid but are unable to attend the bid opening, may check the Town website, <http://westhartford.com/TownServices/TownDepartments/FinancialServices/BidResults.htm> a week after the bid opening date. Bidders calling the Purchasing Office for bid results will be referred to the above procedure.

TOWN OF WEST HARTFORD  
CHRIS JOHNSON  
PURCHASING AGENT



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TOWN OF WEST HARTFORD 50 SOUTH MAIN STREET  
TOWN OF WEST HARTFORD, CT 06107-2431  
(860) 561-7470 FAX: 561-7492

## **PROJECT NARRATIVE**

### **AIKEN ELEMENTARY SCHOOL**

The Scope of the project is to update the existing heating plant. The boilers are fire tube style 1950's vintage, original to the building. The boilers are dual fuel.

Domestic hot water is produced through a water storage tank that uses the boilers to heat the water.

The project consists in replacing the boilers, heating hot water pumps and the domestic hot water storage tank and the gas fired water heater. At the same time all the pipe insulation in the boiler room will be replaced.

The boilers, adjacent pipes and valves will be removed. The oil piping inside the boiler room will also be removed. The oil piping outside the building and the oil storage tank will remain. The breeching will also be removed and capped at the chimney.

The new boilers and water heater will be high efficiency, gas fired only, condensing type. Boiler and water heater will be sealed combustion vented through the side wall to avoid additional roof penetrations.

New DDC controls will be provided for the equipment located in the boiler room. Controls shall tie seamlessly into the present Town wide control network.

## **PROJECT NARRATIVE**

### **NORFELDT ELEMENTARY SCHOOL**

The Scope of the project is to update the existing heating plant and to replace two Air Handling Units (AHU) in the Gym. The boilers are fire tube style, 1950's vintage, original to the building. The boilers are dual fuel. They produce steam that is used to produce heating hot water and domestic hot water.

Domestic hot water is produced through a water storage tank that uses the steam produced by the boilers to heat the water.

The project consists in replacing the boilers, heating hot water pumps and the domestic hot water storage tank and the gas fired water heater. At the same time all the pipe insulation in the boiler room will be replaced.

The boilers, adjacent steam and condensate pipes, condensate receiver and valves will be removed. The oil piping inside the boiler room will also be removed. The oil piping outside the building and the oil storage tank will remain. The boilers breeching will also be removed and capped at the chimney.

The new boilers and water heater will be high efficiency, gas fired only, condensing type. Boilers and water heater will be sealed combustion vented through the side wall to avoid additional roof penetrations.

New DDC controls will be provided for the equipment located in the boiler room. Controls shall tie seamlessly into the present Town wide control network.

The new AHU's are heating only and will be installed at the same location as the ones that are being removed. New controls will allow for dual enthalpy economizer mode of operation for improved energy efficiency and Indoor Air Quality.

**INFORMATION**

HEATING, VENTILATION AND HOT WATER SYSTEMS  
AT AIKEN AND NORFELDT ELEMENTARY SCHOOLS

**ARCHITECT**

BEMIS ASSOCIATES LLC  
101 FENN ROAD  
NEWINGTON, CT 06111

**PROJECT MANAGER**

JOSEPH MERCIERI  
CAPITOL PROJECTS MANAGER

**ALL QUESTIONS TO**

PURCHASING SERVICES  
TAMMY BRADLEY  
SENIOR BUYER

All questions must be submitted in writing and mailed to the Purchasing Office, emailed to [Tammyb@westhartford.org](mailto:Tammyb@westhartford.org), or faxed to 860-561-7492 at least seven calendar days prior to the date established for the opening of bids. Please do not call the Engineer/ Architect, Project Manager or Purchasing Office with questions.

**WEST HARTFORD TOWN HALL DIRECTIONS**

**FROM THE WATERBURY AREA**

1. Exit 43 (Park Road)
2. Take a left on to Park Road
3. Take a right at the traffic light (Raymond Road)
4. Go straight through traffic light (Boulevard)

The Town Hall parking lot is on your left

**FROM THE BOSTON AREA**

1. Exit 43 (Park Road)
5. Take a left on to Park Road
6. Take a right at the traffic light (Raymond Road)
7. Go straight through traffic light (Boulevard)

The Town Hall parking lot is on your left