



MANATEE COUNTY FLORIDA

FACSIMILE

March 16, 2010

TO: All Interested Bidders

SUBJECT: Invitation for Bid #10-1238DC
Courthouse Chiller Piping - ADDENDUM #4

Bidders are hereby notified that this Addendum shall be acknowledged and made a part of the above named bidding and contract documents. The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

1. See attached Addendum #4 information as prepared by Forney Engineering, Inc. for the alternative work.

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205, until **March 23, 2010 at 3:00 P.M.**

Sincerely,

Deborah Carey-Reed
Construction Buyer

/dcr
Attachment

Financial Management Department - Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941.749.3074 * FAX: 941.749.3034
www.mymanatee.org



**MANATEE COUNTY HISTORIC COURTHOUSE
CHILLER REMOVAL AND CONNECTION TO JUDICIAL CENTER**

ADDENDUM NO. 4

The following are clarification and additions to the construction documents to be included with bid:

Item No. 4.1 The specifications for HVAC INSULATION, 230700 were not upgraded to include the Hot Water Piping System that was added in the Addendum #2, Bid Alternate 1 bid documents.

Response For Bid Alternate 1 –

Indoor Piping Insulation Schedule:

- A. Heating hot-water supply and return.
 - 1. Operating Temperature: 100 to 220 deg F (38 to 104 deg C).
 - 2. Insulation Material: Mineral fiber with factory applied, all-purpose, vapor-retarder jacket.
 - 3. Insulation Thickness: Apply the following insulation thicknesses:
 - a. Steel or Copper Pipe, 2-1/2" – 6": 2" Insulation thickness.
 - b. Steel or Copper Pipe, up to 2": 1-1/2" Insulation thickness.
 - 4. Field Applied Jacket: Foil & Paper.
 - 5. Finish: None.

Exterior and Pump Room Insulation Application Schedule:

- A. Heating hot-water supply and return.
 - 1. Operating Temperature: 100 to 220 deg F (38 to 104 deg C).
 - 2. Insulation Material: Cellular glass, with jacket.
 - 3. Insulation Thickness: Apply the following insulation thicknesses:
 - a. Steel or Copper Pipe, 2-1/2" – 6": 2" Insulation thickness.
 - b. Steel or Copper Pipe, up to 2": 1-1/2" Insulation thickness.
 - 4. Field-Applied Jacket: Aluminum, smooth: 0.032 inch thick.

END OF ADDENDUM NO. 4

David Greene
Project Manager