

<b>AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT</b>				1. Contract Number	Page of Pages
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2. Amendment/Modification Number  DCAM-2007-B-0069-004		3. Effective Date  August 2, 2007		4. Requisition/Purchase Request No.	
				5. Solicitation Caption Replacement of Boilers at the University of the District of Columbia, Power Plant, Building # 43	
6. Issued by: Office of Contracting and Procurement Construction, Design and Building Renovation 441 4 <sup>th</sup> Street, NW, Suite 700S Washington, DC 20001			Code	LRT	
			7. Administered by (If other than line 6) Office of Contracting and Procurement Construction, Design and Building Renovation 441 4 <sup>th</sup> Street, NW, Suite 700S Washington, DC 20001		
8. Name and Address of Contractor (No. street, city, county, state and zip code)				9A. Amendment of Solicitation No. DCAM-2007-B-0069	
				9B. Dated (See Item 11) June 15, 2007	
				10A. Modification of Contract/Order No.	
				10B. Dated (See Item 13)	
Code	DUNS:	TIN	FEIN:		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offeror's must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>2</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) BY separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. Accounting and Appropriation Data (If Required) <i>To be cited on individual orders issued on behalf of participating agencies</i>					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14					
X	A. This change order is issued pursuant to (Specify Authority): 27 DCMR, Chapter 36, Section 3603 The changes set forth in Item 14 are made in the contract/order no. in item 10A.				
	B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data etc.) set forth in item 14, pursuant to the authority of				
	C. This supplemental agreement is entered into pursuant to authority of:				
	D. Other (Specify type of modification and authority)				
<b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not <input checked="" type="checkbox"/> is required to sign this document and return 2 copies to the issuing office.					
14. Description of Amendment/Modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible)					
Pursuant to Article 3, Changes Clause of the General Provisions (Construction Contract), Government of the District of Columbia Standard Contract Provisions For Use With Specifications for District of Columbia Construction Projects 1973, the subject solicitation is hereby amended as follows:					
1. The opening date for receipt of bids is hereby changed from August 6, 2007 by 2:00 P.M. local time to August 20, 2007, by 2:00 P.M. local time.					
2. Builder's Risk Insurance in the amount of \$2,000,000 is required for this project in accordance with Section I.5, Subsection A.5.					
3. Listed below is the response to questions that was submitted to the Office of Contracting and Procurement in writing as Request for Information (RFI) 001 through 005.					
Except as provided herein, all terms and conditions of the document is referenced in Item 9A or 10A remain unchanged and in full force and effect.					
15A. Name and Title of Signer (Type or print)			16A. Name of Contracting Officer Diane Wooden		
15B. Name of Contractor		15C. Date Signed		16B. District of Columbia	
				16C. Date Signed 8/2/07	
(Signature of person authorized to sign)			(Signature of Contracting Officer)		

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14. Description of Amendment/Modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible).

RFI 001

Question:

1. Can you tell us if there is an existing control system on campus? (Manufacture)
2. The basis of design for the boilers is Clever Brooks. We are assuming alternate manufactures are acceptable. Is this correct?

Response:

1. Yes. CB70-Computerized Burner Control.
2. Yes.

RFI 002

Question:

1. Drawing M0.1 general note #1.11 indicates that there are asbestos-containing mud on fiberglass pipe insulation. There isn't any hazardous material survey or report included with the bid document. Please provide appropriate hazardous materials to be abated.

Response:

1. Reference Contract Specifications: SECTION 020850—ASBESTOS ABATEMENT PROCEDURES. Limited Hazardous Building Materials Survey, Boiler Replacement Project dated October 20, 2006 is enclosed.

Question:

2. Specification Section 02090 – Removal and Disposal of Lead-Based Paint, page 2, subsection 2 has asbestos contamination report included “For Information Only”. This report is not included in the bid document. Please provide the missing report.

Response:

2. Reference Contract Specifications: SECTION 02090- REMOVAL AND DISPOSAL OF LEAD-BASED PAINT. Limited Hazardous Building Materials Survey, Boiler Replacement Project dated October 20, 2006 is enclosed.

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14. Description of Amendment/Modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible).

Question:

3. Specification Section 15518 – Fire-Tube Boilers, page 9, 2.8 – Performance Criteria has 65 PSIG for the design pressure and 150 PSIG for the operating pressure. If the design pressure is less than the operating pressure, it will cause problems to the operation of the boilers. What are the correct design pressure and operating pressure? Please clarify.

Response:

3. The designated pressure at which the boilers shall operate is 65 psig. This is the maximum pressure the university's steam distributing system can withstand. However, the boilers are capable to operate at a much higher pressure of 150 psig.

Question:

4. Specification Section 03910 – Concrete corrosion Inhibitor and Sealer specifies concrete sealer and inhibitor application to the new concrete floor patch and new mechanical equipment concrete pads only. Please confirm if this is correct.

Response:

4. The question asked is not correct. This section is also applicable to all areas where existing concrete would need repairs as a result of damages during construction work. Additionally, a new section of trench drain shall be assembled as shown on contract drawing M1.1 with a sectional view of trench drain detail(s) on contract drawing M5.1.

Question:

5. During the site visit 6/29/07, you had mentioned that one of the existing boilers must be in operable condition during the heating season. What's the condition of this existing boiler? Are we to provide any maintenance service to this existing boiler (If it requires any service), as part of the scope of work? If so, please provide a report to show it operation conditions. Please advise.

Response:

5. The contractor shall provide all maintenance and repair services to keep the boiler in perfect working Condition. UDC shall provide a report on the historical information of the boiler. See attached Statement of Work (SOW).

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Question:

6. New work key note #7 on drawing E1.2, indicates to provide additional light fixture to match existing light fixture. What's the manufacturer of the existing light fixture? Please clarify.

Response:

6. Contractor shall verify the details of the existing light fixtures and shall provide the same for this contract.

RFI 003

Question:

1. Once the two boilers have been removed from service and only one boiler is left in operations, who will be responsible for maintaining operation should a problem develop?

Response:

1. The contractor shall provide all maintenance and repair services to keep existing boiler No. 3 functioning in a safe and acceptable working condition during removal of boilers No. 1 and 2 and complete installation of the new boiler as per contract documents. This work shall also include the services of the boiler manufacturer as required.

Question:

2. If the only boiler that is left in service has a major problem during the heating season and is down for a long period of time, what happen to the campus if steam is disrupted?

Response:

2. The contractor shall only be responsible to maintain and repair boiler no. 3. If the boiler is down for a long period, it will be the responsibility of the District Government to provide a substitute boiler on-site to heat the buildings.

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Question:

3. If the contractor is responsible for maintaining the boiler that is left in services, how is the contractor to know what to include in their pricing? Should there be an additional line item for services pricing (hourly rate) for maintenance of the remaining boiler?

Response:

3. The contractor shall be responsible to arrange inspection and to ensure that the boiler meets DCRA guidelines for re-inspection and operation. The boiler shall be operated by boiler engineers from the University of the District of Columbia. This responsibility shall start at the beginning of the contract period and shall continue until the new boiler (No. 1) is fully completed as per contract documents, tested and approved by DCRA for operation. The contractor shall include an additional line item for services pricing (hourly rate) for maintenance of boiler No. 03.

Proposed Scope of Work

- (1) The contractor shall provide all maintenance and repair services to keep existing boiler No. 3 functioning in a safe and acceptable working condition during removal of boilers Nos. 1 and 2, and installation of the new boiler. This work shall also include the services of the boiler manufacturer as required.
- (2) The contractor shall maintain and repair/replace all associated equipment, valves, controls, steam and condensate pipings, electrical power etc, associated with the safe and acceptable operation of the boiler.
- (3) The contractor shall be responsible to arrange inspection and to ensure that the boiler meets DCRA guidelines for re-inspection and operation.
- (4) This responsibility shall start at the beginning of the contract period and shall continue until the new boiler (No. 1) is fully completed as per contract documents, tested, and approved by DCRA for operation.

RFI 004

Questions (M6.2):

1. The pressure sensors illustrated (PT-1, 2 & 3), are there existing taps to be tied into or are new taps going to be made? Any idea what the High Pressure Steam and Deprecator systems will be measured?
2. The Low Pressure Regulating Valve (TV-1) is existing, any idea what steam flow rate in #/hr to expect. Is the existing valve pneumatic/electronic?
3. Any idea what the communications protocol the new boilers will be putting out?

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Responses (M6.2):

1. Provide new taps: HPS: (0-75) psig; DT: -30 Hg. To +30 psig
2. No information is available for the rate of steam flowing through the steam pressure regulating valve. The valve settings are done manually. Existing valve is pneumatic.
3. Contractor to field verify with new boiler supplier. Boiler panel to include gateway to EMS.

Questions (M6.3):

1. The drawings don't show where the zone sensors are located for AHU-10, is there existing wire that can be reused or locating the sensor or does all new wire have to be pulled and if so where are the zone sensors located?
2. The heating/cooling/humidifier control valves for AHU-10, are existing wire that can be flow rate in GPM#/hr. Are the existing valves pneumatic/electric/electronic?
3. What is the capacity of the Cooling Tower condenser water bypass valves, are they pneumatic/electric/electronic?
4. No idea what options there are for interfacing the existing York Chiller-1. Do you have a feel for what York Talk costs to add an existing chiller? Because we are actually competitors I'm not sure how cooperative York will be with pricing.

Responses (M6.3):

1. The existing zone stats is to remain. The stats are pneumatic, contractor to provide new electronic wiring and sensor P.E. switch to change signal to pneumatic. Install per M6.3. Sensors go in offices within boiler room, adjacent to and under AHU-10. Coordinate location with building engineer.
2. Valves are pneumatic. The flow rate is unknown.
3. The flow rate is unknown. Valves are pneumatic.
4. Not sure about the cost.

Question (M6.4):

1. Any idea what the capacity for all of the valves indicated on this drawing:

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Response (M6.4):

1. Flow rate information is not available for the valves shown on contract drawings.

RFI 005

Question:

1. What type of breach would you like?

Response:

1. ½ inch thick black steel. Also see SECTION 15550 for construction details.

Question:

2. What type of electrical installation will be needed for the computer system?

Response:

2. Provide circuitry as per contract drawing E1.2; Note #8

Question:

3. Is the control system integrating with boilers and chillers?

Response:

3. Yes. Please see line diagram details on contract drawings M6.3 and M6.4

Question:

4. Is there maintenance of the existing air handlers throughout the building?

Response:

4. UDC is responsible for the maintenance of the existing air handlers

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Question:

5. Would you please explain page 15950-3 section examination 3.2 A-O?

Response:

5. The information in this section is presented as scope of work guidance for the TAB contractor to follow prior to the start of construction, during testing, and for preparation of his final report.

### ATTACHMENTS

1. Limited Hazardous Building Materials Survey dated October 10, 2006
2. Mechanical Sketches (SKM-1 thru SKM-5)
3. Addendum 1 from Setty & Associates dated July 19, 2007
4. Specifications Section 01320 – Construction Progress Documentation
5. Specifications Section 01330 – Submittal Procedures
6. Specifications Section 01400 – Quality Requirements
7. Specifications Section 01770 – Closeout Procedures
8. Specifications Section 01820 – Demonstration And Training