



Southern Connecticut
State University

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Schwartz Hall – Chiller & Cooling Tower Replacement
Project Number: SCSU-2013-10
Bid No.: 16-SCSU-03

ADDENDUM NO. 1
October 20, 2015

TO: Prospective Contractors of Record

FROM: Paul F. Loescher, Director of Facilities Planning and Architectural Services
Richard L. Glasson, Purchasing Assistant
Procurement, Southern Connecticut State University 501 Crescent Street, New Haven, CT 06515-1355
Tel 203-392-6702

REFERENCE: Proposal Documents For:
Schwartz Hall – Chiller & Cooling Tower Replacement
Project Numbers: SCSU-2013-10
Bid No.: 16-SCSU-03

This Addendum forms a part of the contract documents and modifies the original proposal documents, dated September 30, 2015.

Item 1 CLARIFICATION – AFFIRMATIVE ACTION PLAN, PRE-BID CONTERENCE AGENDA:

Affirmative action plan must be submitted to CHRO within 10 days of Purchase Order, not the Bid Opening.

Item 2 CLARIFICATION – FORMS TO BE RETURNED:

As noted in paragraph 11 on the form, 'FORMS TO BE RETURNED':

11. Bidders are advised that for bids estimated to be in excess of \$500,000.00, a valid Department of Administration Services Prequalification Certificate and Update Statement must accompany the bid. Application for this program can be accessed by going to www.das.state.ct.us/Business_Svs/PreQual/Prequal.asp

Item 3 CLARIFICATION – DRAWINGS AND PROJECT MANUAL FOR BIDDERS:

To ensure that all prospective bidders have a complete set of the drawings and Project Manual, all firms who wish to bid on the project must buy the drawings and project Manuals from SCSU.

Refer to the Project Manual for the bidders/contractor qualifications for bidding and for actually doing the work described in the documents. The University has very strict requirements that a contractor must have the experience and capability to do the work.

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Item 4 SPECIFICATION SECTION, DIVISION 1, GENERAL REQUIREMENTS:

01 58 13, TEMPORARY PROJECT SIGN.

Clarification:

The correct wording for the Project Sign will be provided at the beginning of construction.

Item 5 SPECIFICATION SECTION 23 09 75, CONTROLS SYSTEM:

Please refer to the Project Manual specification section 23 09 75 which refers to Controls and identifies Automated Logic as the ATC subcontractor. Automated Logic shall transmit its lump sum price proposal, strictly conforming to the construction documents - directly to SCSU.

As indicated during the mandatory pre-bid conference 30-Sep-15, SCSU shall, in turn, distribute Automated Logic's lump sum price proposal to all qualified Bidders - **via a subsequent Addendum** - on or before Thursday 29-Oct-15. Each bidder shall use Automated Logic's price in preparing their bid.

Item 6 SPECIFICATION SECTIONS 23 09 93 & 23 09 94, COMMISSIONING:

Please refer to the Project Manual specifications sections 23 09 93 and 23 09 94 which refer to Commissioning. The term CxA defines the Commissioning Agent. This Addendum confirms that - SCSU shall act as the Commissioning Agent for the subject project; and re-confirms that the installing contractor is solely responsible to meet all requirements of SCSU in connection with the commissioning process, and acceptance of the work.

Item 7 DRAWING M-7 – EXISTING FCUs LOCATION PLANS & DIAGRAM:

Please refer to drawing M-7 which shows existing fan coil units and refers to water balancing the existing 2-pipe (dual temperature) heating / cooling system.

This addendum confirms that the existing fan coil units are fitted with basic water balancing devices.

Drawing M-7 shows providing new circuit balancing devices at the top of the existing 2-pipe (dual temperature) heating or cooling system risers to facilitate water balancing – this Addendum confirms that the scope of the work includes providing new access doors near the top of each riser to gain access into the ceiling cavity where the new balancing devices are to be located and to facilitate the installation of the new work. The work includes cutting, patching, painting and restoration of surfaces affected by the work.

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Item 8 DRAWING E-1 – ELECTRICAL PLANS & DETAILS:

Please refer to drawing E-1 “Mechanical Equipment – Motor Feeder Schedule” and change the indicated Power Source as follows:

- For new Refrigerant Exhaust Fan RX-1 – The power source shall be the existing 60A/3P circuit breaker located in boiler room 400A 208V/3 panel - currently serving as the power source for the existing 10HP 208V/3 condenser water pump P-1 - to be removed. Following the removal of the existing pump P-1, connect the new feeders for RX-1 to the existing breaker. Verify the existing breaker is 60A/3P. Refer to drawing M-1 “Basement MER Partial Floor Plan” for the location of condenser water pump P-1. The existing panel is located near the east boiler room door.
- For new pumps PChWP-1 & 2 and CWP-1 & 2 - Provide a new 400A, 208V 3P circuit breaker in the open space on the existing Siemens main switchboard. The open space is marked “This space for the field addition of a JXD2 type circuit breaker 400 AMP Max”. Provide bus kits and bus extensions as required to install the added circuit breaker. Provide a new 400A/208V/3 panelboard in the Former Chiller Room (new Pump Room) for PChWP-1 & 2 and CWP-1 & 2. Locate new panel per NEC code. Panelboard shall be 400A, 208V, 3P, 4W, 65KAIC symmetrical, full height copper bus, MLO, door in door construction, 42 circuits. Provide (2) 110A/3P C/Bs for the (2) 25HP Condenser Water Pumps. Provide (2) 90A/3P C/Bs for the (2) 15HP Primary Chilled Water Pumps. In addition provide (10) ten 20A/1P circuit breaker spares. All panel empty spaces shall have space and provisions for adding circuit breakers. Feeders per plan schedule.
- For new Chiller CH-1 - The existing switchboard feeder circuit to the existing chiller is a 600A/3P circuit breaker. Remove and replace the 600A/3P circuit breaker with a 500A/3P circuit breaker, match existing type and KAIC rating. The existing switchboard is manufactured by Siemens, type SB3. The shop order number for the existing switchboard is 17-67563-F10, manufacturing date is 06-97, location S, rated 65KAIC RMS symmetrical at 240V. Feeder per plan schedule. The existing feeder may be re-used and extended and modified as needed to feed the new chiller in the new chiller room location. The existing disconnect switch enclosure (near existing chiller) may be used as a junction box for the feeder with the internal switch removed. Extend the feeder to the new chiller (location per the plans).

As an alternative - the contractor may elect to reuse the 600A/3P switchboard circuit breaker and install a 600A/3P fused disconnect switch in the feeder circuit within the replacement chiller room. The 600A/3P disconnect switch shall use 500A 250V RK1 fuses, Bussmann LPN RK 500SP/equal. The 600A/3P disconnect switch shall be HD rated. The fused disconnect switch will be in series with the existing 600A/3P switchboard circuit breaker.

- For new Cooling Tower CT-1 - Disconnect and remove the existing 7.5HP, 208V/3 cooling tower feeder. Remove and replace the existing feeder circuit breaker with a 25A/3P circuit breaker in the same panel position. Match the existing circuit breaker type and KAIC rating. Remove and replace the feeder conduit and cables with a feeder per the plans schedule.
- For new Fan Coil Unit and Unit Heater - Provide (2) 20A/1P circuit breakers in the existing 400A boiler room panel for these devices. Match existing circuit breaker types. Conduit and cables per the plans schedule.

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Item 9 PRE-BID CONFERENCE ATTENDEES:

See sign in sheet, attached, from the Mandatory Pre-Bid Conference, September 30, 2015

ATTACHMENTS:

Mandatory Pre-Bid Conference (September 30, 2015) Sign-In Sheets – 2 pages

**CONTRACTOR SHALL ACKNOWLEDGE RECEIPT OF THIS
ADDENDUM ON THE BID FORM**

END OF ADDENDUM NO. 1

Sincerely yours,


Paul F. Loescher
Director of Facilities Planning and Architectural Services


Richard L. Glasson
Purchasing Assistant

Mandatory Pre-Bid Attendance Sheet

Bid No. 16-SCSU-03
 Project No. SCSU-2013-10
 Project Name: Schwartz Hall Chiller and Cooling Tower Replacement - 2015

Company Name & Address	Signature	Printed Name	Phone No.	E-Mail Address	DAS Certified Y/N	ID
RIVCO Construction 10 Donna Dr Burlington CT		Bob Rivard	860 672-5672	rivcoconst@gmail.com	Y	✓
Rivco Construction LLC 10 Donna Dr. Burlington, CT		Bryan Rivard	(860) 703-0290	rivcoconst@gmail.com	Y	✓
RIVCO CONSTRUCTION LLC 10 DONNA DR BURLINGTON CT		NIALL SURFAGHAN	860 601 1450	RIVCOCONST@GMAIL.COM	X	✓
Conn. Builders Heating w/ HTF&L CT		Peter Royce	860 253 5117	peter_royce@builders.com	Y	✓
Air Temp Southampton, CT		Steve Zagurski	860-234 1086	Steve Z@ctairtemp.com	Y	✓
TRADESMEN OF NEW ENGLAND 21 E. DUDLEY TOWN RD, BLOOMFIELD CT		CHIP ORR	860 243 3471	CHIPOTT@TRADESMENOFNE.COM	Y	✓
CONN 6506 MECH. SVCS 430 MSOULE ST BURLINGTON, CT 06010		KENNETH BYRNE	860-818 3471	CWMS06@GMAIL.COM	Y	✓

Mandatory Pre-bid Attendance Sheet

Company Name & Address	Signature	Printed Name	Phone No.	E-Mail Address	DAS Certified Y/N	ID
Bloomfield PRO MECH 1020 FIVEC ST STEWART MECHANICAL SERVICES 1495 THOMASTON AVE. WATERBURY, CT 06704		GERALD T. INGE	860 243 3952	P.FRIE@PROMECH.COM	Y	✓
The Legacy Mechanical Group		Scott G. Stewart	860 243 0440	S.Stewart@LEGACYMECH.COM StewartMSI.COM	Y	✓