INTERDEPARTMENTAL MEMORANDUM

TO: David Busanet, Bidding and Contracts Supervisor
Bidding & Contracts, Room G-35
165 Capitol Avenue, Hartford, CT 06106

FROM: Robert Prentice, Project Manager
Team CSU, Room 460
165 Capitol Avenue, Hartford, CT 06106

DATE: **February 23, 2010**

SUBJECT: ADDENDUM # 2

PROJECT TITLE: MEP Renovations – Earl Hall
SCSU, New Haven, CT

PROJECT NO.: **BI-RS-248**

SCHEDULED BID OPENING: March 4, 2010

Please expedite the attached Addendum # 2.

1. The total number of pages in this addendum is: 1.
2. The total number of drawings in this addendum is N/A
3. See attached Revised "Bid Released" form (55) dated: N/A .
4. Clarification

Attachment
xc: Agency
Team File
Project Manager

MEP RENOVATIONS-EARL HALL
SOUTERN CONNECTICUT STATE UNIVERSITY
NEW HAVEN, CT
PROJECT: BI- BI – RS-248

BID OPENING	**1:00 P.M.**	**MARCH 4, 2010**
ADDENDUM NUMBER 2	**DATE OF ADDENDUM**	**FEBRUARY 23, 2010**

The following clarifications are applicable to drawings and specifications for the project referenced above.

Item 1

The bid opening will be changed from February 24, 2010 at 1:00 P.M. to March 4, 2010 at 1:00 P.M.

Item 2

Addendum #1 is incorporated in the bid documents, you must acknowledge both Addendum's 1 and 2 on your bid proposal form.

End of Addendum Number Two

Mellance Walton for
David Busanet, Bidding & Contracts Supervisor
Department of Public Works

MEP RENOVATIONS - EARL HALL
SOUTHERN CONNECTICUT STATE UNIVERSITY
NEW HAVEN, CONNECTICUT
PROJECT: BI-RS-248

BID OPENING	**1:00 P.M.**	**DECEMBER 22, 2009**
ADDENDUM NUMBER ONE	**DATE OF ADDENDUM**	**DECEMBER 14, 2009**

The following clarifications are applicable to drawings and specifications for the project referenced above.

Item 1- RFI question:

Note 2 on A-101 and A-102 indicate to remove enough of the existing flooring material to provide a "continuous strip" of floor finish in the hatched areas notes. Can you please confirm if the flooring materials in the designated locations are free of asbestos or if the owner is removing the flooring as part of asbestos abatement work?

ANSWER:
The floor is new (within the last few years). They should be free of asbestos.

Item 2- RFI question:

In Section 102800- Toilet Accessories the schedule for Men's 210 indicates there are no grab bars but the plan on A-102 indicates grab bars. Can you please confirm if the schedule is correct and if the plan should be ignored?

ANSWER:
The plan is correct.
Therefore in page 5 of Section 10 28 00, 3.06 LOCATION SCHEDULE, MENS-210
Add
Grab bars- 1 @ 42", 1@ 36", and 1@ 18"
Swing-up grab bar – 1

Item 3-RFI question:

Notes #1 and 1A on drawing A101 calls for exiting AC unit to be removed as new insulated glass or insulated metal panel to be installed. Please describe the glass sizes for exiting openings.

ANSWER:
Existing glass and panel sizes varies. They really need to be field measure and verify. A rough dimension would be 30" h x 36" w. However, the contractor is responsible for providing the proper sizes as part of the bid.

Item 4-RFI question:

Please provide floor to deck heights or a cross section of the building.

ANSWER:
Floor to floor height is 11'-7".
First floor slab to underside of second floor deck is 11'-2".

Second floor slab to underside of roof deck is 11'-3"+/-.

Item 5-RFI question:

Can you please confirm the foundation requirements at the chiller enclosure as illustrated on 7/a-302 along the existing building. The section only addresses the CMU wall, not the concrete. It doesn't seem likely that a foundation already exists in this area.

ANSWER:
Please see attached SK-A1 for foundation requirements for the chiller enclosure.

Item 6-RFI question:

Regarding section 08 33 00 for Earl Hall, will "equal to" manufacturers be accepted.

ANSWER:
"Equal to" manufacturers' product must meet all product requirements in the specification.

Item 7-RFI question in the parts:

1- *Specs call for .063" S.S. perforated panel in fills for stair guard railing with perforations that are 5/32" round on 3/16" staggered centers. Suppliers have advised that max. Thickness that can be produced in this pattern is 18 ga, or .0478" think. There are also concerns of even meeting the structural minimum uniform and point loads required with the materials as spec'd.*

   Given that the detail is drawn as though the perforation were larger and more widely spaced, can this detail please be reviewed in order to clarify the basis of design? And if found wanting, please advised of alternate gage and/or perforation pattern.

2- *We believe that the above S.S. panels (and U-channel framing) are of a brushed finish and will not be painted. We also believe that the balance of top rails and rail post are carbon steel in a painted finish. Please confirm the intend of the design.*

3- *We further believe that the spec for Jennings Hall and Earl Hall are one and the same. Please confirm.*

ANSWER:

1- Change specification section 05 50 00 METAL FABRICATIONS 2.03 RAILING INFILL PANELS

   From

   "Metal infill panels ..... from .063 stainless steel sheet with 5/32" round perforations on 3/16" staggered centers creating an open area of 63%....."

   To

   "Metal infill panels ..... from .080" stainless steel sheet with 3/8" round perforations on 9/16" staggered centers creating an open area of 40%....."

2- Yes that is correct.

3- Yes that is correct.

Item 7- RFI question:

Can you please confirm the size for the new louvers? Drawings M-200 and M-201 provide free area requirements only at the four louvers noted as being new. Drawing

MD-100 indicates the existing louver sizes at two of the four locations and the architectural drawings do not indicate modifications to any of the wall opening sizes that currently exist.

ANSWER:
The existing north louver on drawings MD-100 is 94Wx93H and the existing south louver is 108Wx96H. The four new louver free area requirements are indicated on the documents. The new louvers to be installed must meet the free area requirement, any patching from modification to the existing openings shall be included in the bid.

Item 8- RFI question:

Section 015213 – Field Offices and Sheds seems to have two items "C.1". The first one indicates a room in the building with a laundry list of items to provide for the Owner's use. The second one indicates to provide a 12' x 60' trailer for the Owner's use with the same laundry list of items. Can you please confirm which should be used in preparing our bid?

ANSWER:
The contractor shall use the requirements for the two 12'x60' trailers for preparing the bid.

Item 8
DRAWING: P-201 Detail 2: Water Heater Piping Diagram

Revised the detail. Refer to SKP-1.

Item 9
DRAWING: M-200

Revised the outdoor air duct connection to the outdoor air intake louver. Refer to mechanical sketch SK-M1.

Item 10
DRAWING: M-201

Revised the outdoor air duct connection to the outdoor air intake louver. Refer to mechanical sketch SK-M2.

Item 11
DRAWING: M-301 Air Handling Units schedule

Change the Vent Air Max/Min values from 5150/5150 to 4970/3000.

Item 12
SPECIFICATIONS

Division 25 is not used.

Item 13
SPECIFICATIONS

Division 27 is not used.

Item 14
DRAWING: M-301: HVAC Equipment Insulation schedule:

Change the insulation Nominal Density
From:
2 lbs/cf

To:
3 lbs/ cf

Item 15
DRAWING: M-302: HVAC Duct Insulation schedule:

Change the insulation Nominal Density
From:
2 lbs/cf

To:
3 lbs/ cf

Item 16
SPECIFICATIONS:

Add the following phasing to specification section 011216

K. Phase 1: Summer 2010 Start June 1 Completion Aug 24
Phase 2: Summer 2011 Start: May 31 Completion Aug 23

Item 17- RFI question:

The above referenced specification requires the FP contractor to flush the entire Underground service. Additional specification sections detail the installation of the U/G and the tie in to the existing service main as well as the existing domestic service inside the building. As this is not a dedicated service or private service main as defined by the NFPA which standard for installation will be in place, the plumbing code or NFPA? As this piping does not fall under the sole jurisdiction of the NFPA until after the domestic tie-in, it would seem to be bound by the plumbing code, not the fire protection standards. Additionally, will this create a licensing issue with the State of CT, secondly, as a signatory to the labor agreement with local 676, this may create an issue with them as well as local 777. Please advise.

ANSWER:
Documents indicate one new fire protection water main connected to the existing Campus Main, fire service is not connected to the existing domestic water service serving Earl Hall. There is no new domestic water service in the scope of this project. The new FP main shall be flushed in accordance with NFPA 13 Chapter 10.

Item 18-RFI question:

Request: The above referenced specification directs the contractor to allow for the application of insulation. Is this applicable? If so please clarify where and why bearing in mind that pipe insulation alone is not listed in the NFPA as an acceptable means of freeze protection. Additionally, heat tracing and pipe insulation is acceptable in the new code but as of yet there is not a listed or approved heat trace on the market.

ANSWER
Part 3.01 LL from section 210500 requiring insulation is not applicable.

Item 19-RFI question:

Request: The above referenced Specification qualifies the use of Flexible Expansion Loops. Can the alternate means listed in NFPA 13-A9.3.3(a) be used in lieu of the flexible loops described in the specification?

ANSWER:
Expansion loops shall comply with specification section 210000-2.07B. Alternate methods as outlined in NFPA 13 A9.3.3 shall not be permitted.

Item 20-RFI question:

Request: The above referenced Specification defines the construction and an equivalent type of Clevis hanger, is this intended to stipulate the use of the adjustable clevis hanger throughout the project or can the standard adjustable band hanger also be used?

ANSWER:
The standard adjustable band hanger maybe used if it is an approved equal to TOLCO Fig. 1. (For sizes 1" and larger.)

Item 21- RFI question:

Request: The above referenced drawing depicts the use of dry upright heads in conjunction with the crawl space dry pipe system. However, Specification section 21 10 00-2.16(C-5) clearly states the upright, hsw and pendent sprinklers as well as dry sprinklers may be used. Please clarify.

ANSWER:
Provide and install dry upright sprinkler heads in the crawl space. Dry sidewall or dry concealed pendent sprinkler heads shall not be permitted to be installed in the crawlspace.

Item 22- RFI question:

Request: The above referenced detail stipulates an additional valve for full flow from the riser check valve. Is this a provision to full forward flow the backflow preventer? If so, will a FDC bypass assembly be allowed to accomplish the same thing? If not, what is the reasoning behind a full 6-inch flow through the wet system?
Please clarify.

ANSWER:

The additional flow valve (to be piped to exterior) on the riser check valve is to test the flow switch. This valve shall be 2" not 6". This valve is required as to not flood or over flow a drain receptor when in test mode.

Item 23- RFI question:

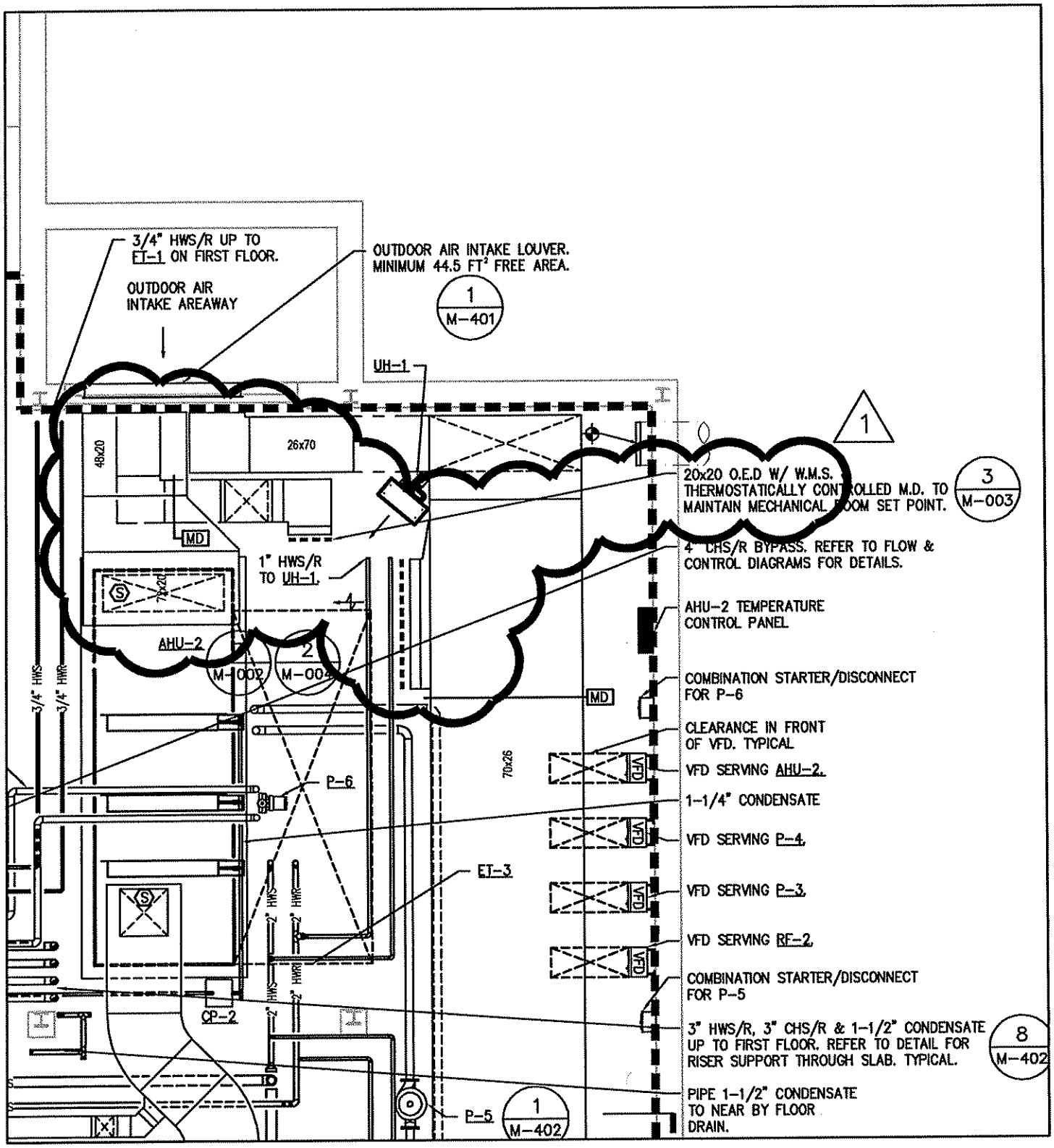
Request: The above referenced drawings show conflicting information for the proposed Fire Department Connection. Sheet 100 specifies 6-inch piping and FDC whereas FP-101 calls for a 4-inch FDC and piping. Please Clarify.

ANSWER:
The fire department connection shall be 6", the drawings shall be revised accordingly. Refer to fire protection sketch SKF-1.

All questions must be in writing (not phone or e-mail) and must be forwarded to the consulting Architect/Engineer (Kohler Ronan, LLC, Engineers @ 203-778-1018 and OakPark Architects @ 860-232-6121) with copies sent to the DPW Project Manager (Robert Prentice @ 860-713-7273)

End of Addendum Number One

Mellance Walton for
David Busanet, Bidding & Contracts Supervisor
Department of Public Works



ADDENDUM 1

REVISION TO DRAWING NO: M-200

MEP RENOVATIONS – EARL HALL
SOUTHERN CONNECTICUT STATE UNIVERSITY

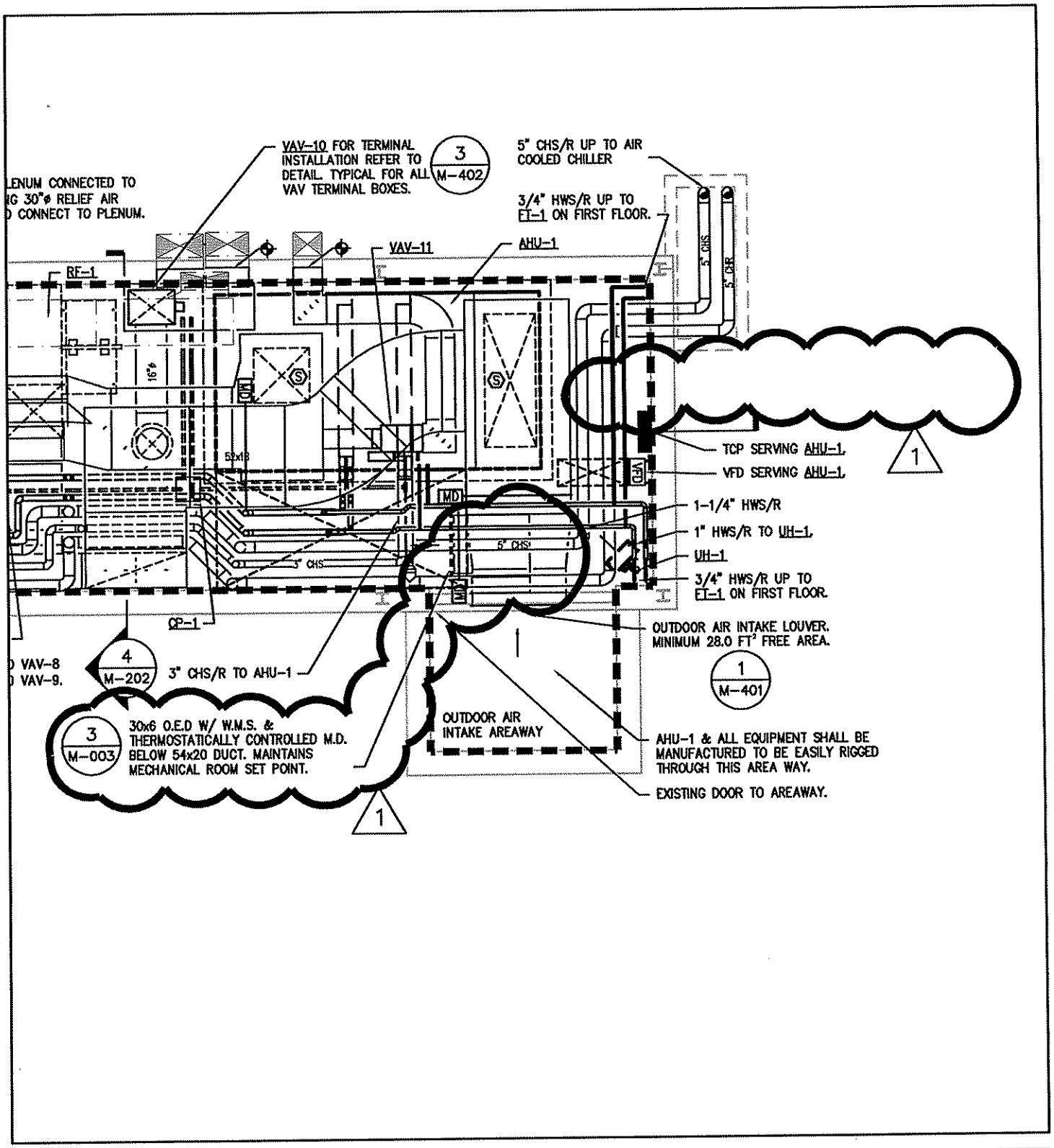
BI-RS-248 NEW HAVEN, CT

Kohler Ronan, LLC
Consulting Engineers
301 Main Street, Danbury CT 06810
Tel. (203) 778-1017 Fax (203) 778-1018
E-mail krce@kohlerronan.com

OakPark Architects LLC
312 Park Road, West Hartford, CT (860)232-6664

DRAWING NO: SK-M1

DATE: 12-14-09
SCALE: NONE



ADDENDUM 1

REVISION TO DRAWING NO: M-201

MEP RENOVATIONS – EARL HALL
SOUTHERN CONNECTICUT
STATE UNIVERSITY

BI-RS-248 NEW HAVEN, CT

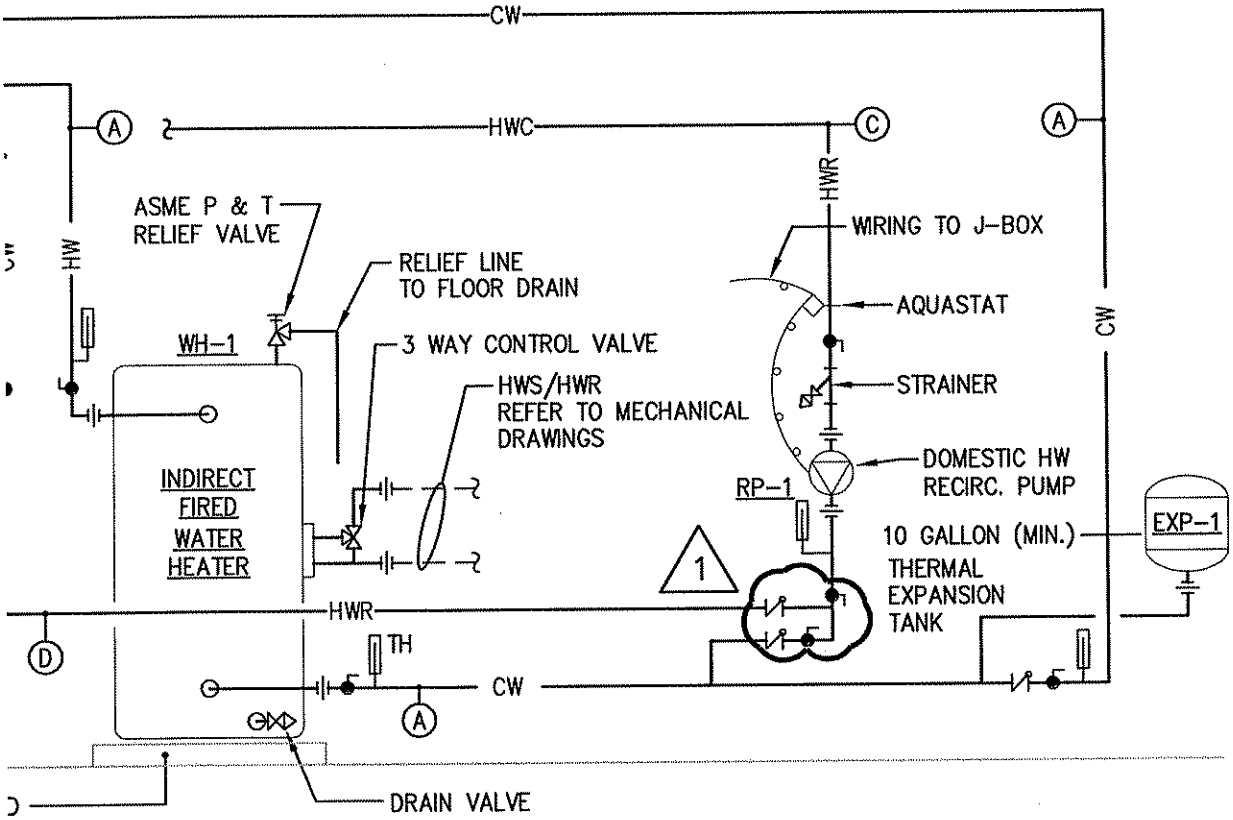
Kohler Ronan, LLC
Consulting Engineers
301 Main Street, Danbury CT 06810
Tel. (203) 778-1017 Fax (203) 778-1018
E-mail krce@kohlerronan.com

akPark Architects LLC
312 Park Road, West Hartford, CT (860)232-6664

DRAWING NO:
SK-M2

DATE: 12-14-09
SCALE: NONE

SIZES	
A	2"
B	1-1/2"
C	3/4"



PIPING DIAGRAM

ADDENDUM 1

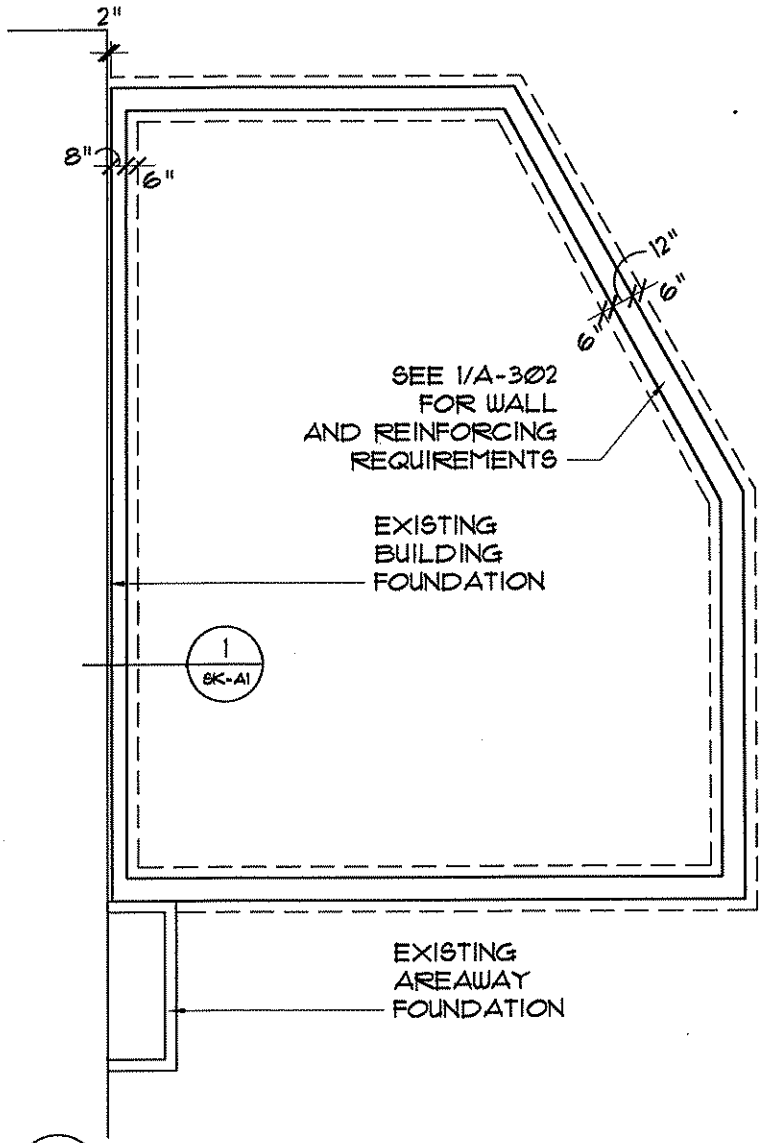
MEP RENOVATIONS – EARL HALL
SOUTHERN CONNECTICUT
STATE UNIVERSITY

BI-RS-248 NEW HAVEN, CT

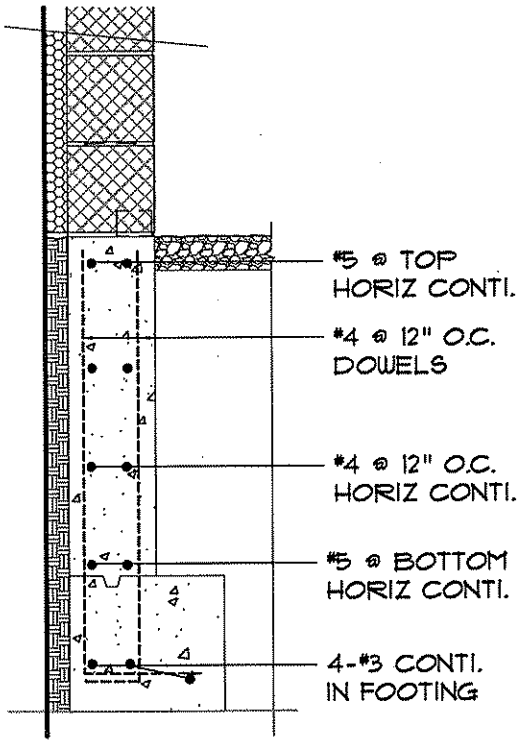
Kohler Ronan, LLC
Consulting Engineers
301 Main Street, Danbury CT 06810
Tel. (203) 778-1017 Fax (203) 778-1018
E-mail krce@kohlerronan.com

akPark Architects LLC
312 Park Road, West Hartford, CT (860)232-6664

DRAWING NO:
SKP-1
DATE: 12-11-09
SCALE: NONE



A / SK-A1 MEP RENOVATIONS - EARL HALL
SCALE: 1/8" = 1'-0"



1 / SK-A1 DETAIL
SCALE: 3/4" = 1'-0"

ADDENDUM 1

MEP RENOVATIONS – EARL HALL
SOUHTERN CONNECTICUT
STATE UNIVERSITY

BI-RS-248 NEW HAVEN, CT

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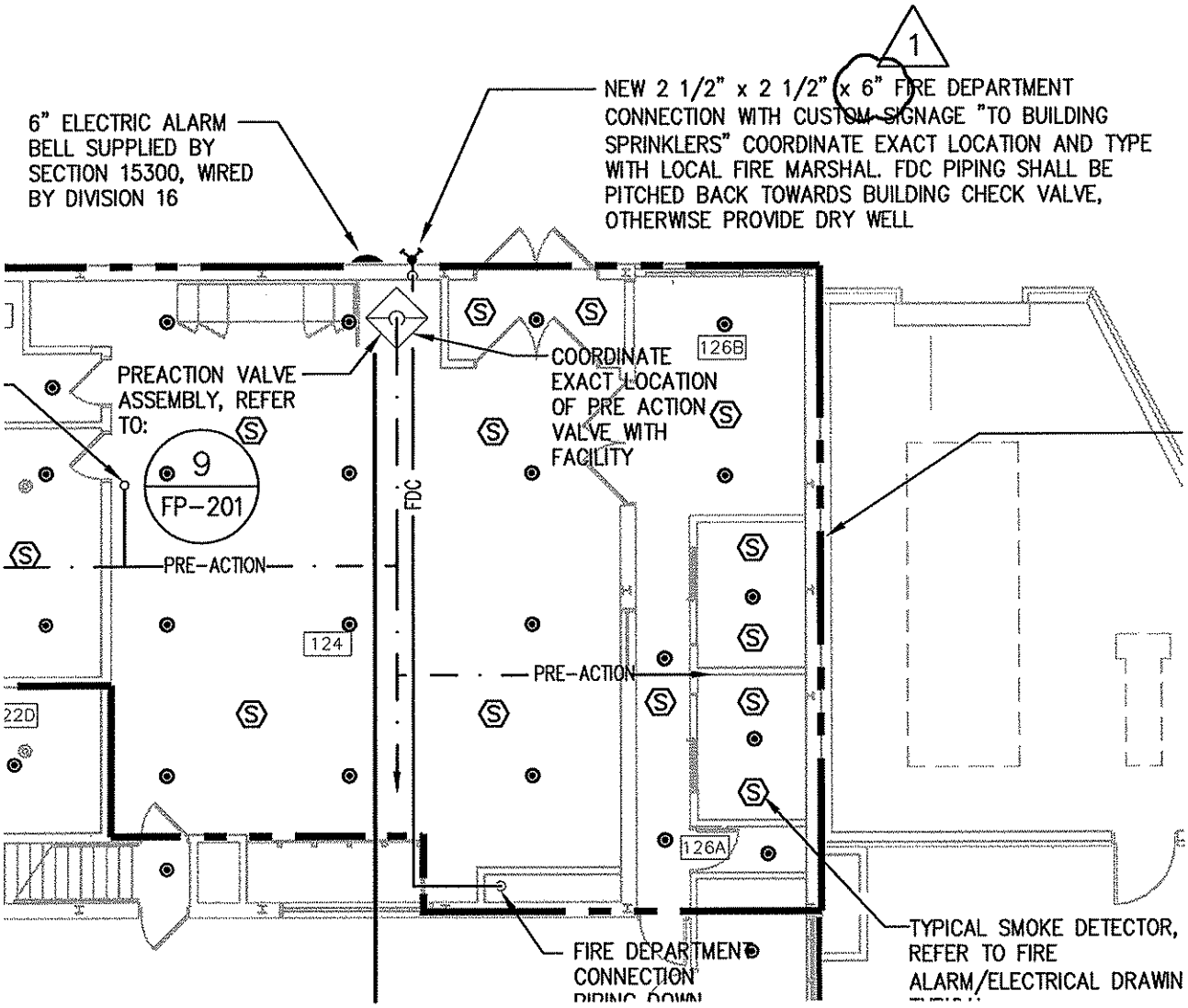
301 Main Street, Danbury CT 06810
Tel. (203) 778-1017 Fax (203) 778-1018
E-mail krce@kohlerronan.com

OakPark Architects LLC
312 Park Road, West Hartford, CT (860)232-6664

DRAWING NO:
SK–A1
DATE: 12–10–09
SCALE: AS NOTED



ADDENDUM 1

MEP RENOVATIONS – EARL HALL
SOUTHERN CONNECTICUT
STATE UNIVERSITY

BI-RS-248 NEW HAVEN, CT

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301 Main Street, Danbury CT 06810
Tel. (203) 778-1017 Fax (203) 778-1018
E-mail krce@kohlerronan.com

OakPark Architects LLC
312 Park Road, West Hartford, CT (860)232-6664

DRAWING NO:
SKF-1
DATE: 12-11-09
SCALE: 3/32"=1'-0"

INVITATION TO BID

FOR PROJECTS ESTIMATED TO COST MORE THAN $500,000.00

ADV. NO.: 10-21 ADV. DATE: January 29, 2010

SEALED BIDS FROM CONTRACTORS WHO HAVE BEEN PREQUALIFIED IN THE DAS CLASSIFICATION NOTED BELOW SHALL BE ADDRESSED TO THE DEPARTMENT OF PUBLIC WORKS - STATE OF CONNECTICUT FOR:

Project Title:	MEP Renovations-Earl Hall Southern Connecticut State University New Haven, CT
Project Number:	BI-RS-248 (Re-Bid)
DAS Classification:	Group B – General Building Construction
Special Requirement:	N/A
Cost Estimate Range:	$4,388,000. – $4,850,000.
Plans & Specs Ready Date:	February 3, 2010
A NON-REFUNDABLE FEE OF PER SET IS REQUIRED	$125.00 Checks should be made payable to "Treasurer, State Of Connecticut" and should include the prospective bidder's correct mailing address, telephone and fax numbers of where addendum(a) should be submitted. USE A SEPARATE CHECK FOR EACH PROJECT.
Examination or Purchase of Plans & Specs	at the State Of Connecticut, Department Of Public Works, Plans And Specifications Section, Room No. G-36, 165 Capitol Avenue, Hartford, CT 06106, during the hours of 7:30 A.M. to 3:00 P.M. (Monday-Friday) or by addressing a request to the above address.
Pre-Bid Conference:	All prospective bidders are required to attend a MANDATORY Pre-Bid Conference
Pre-Bid Conference Time	to be held AT 9:00 A.M.
Pre-Bid Conference Date	ON February 10, 2010
Pre-Bid Conference Location	AT 615 Fitch Street, Hamden, CT, meet at SCSU Facility Building, Conference Room 307.
Pre-Bid Conference Registration	All prospective bidders are required to *properly* register. *Proper* registration means that the attendee has *signed* his or her name to the official roster and *listed* the name and address of the company he or she represents on the official roster no later than the designated start time of the pre-bid conference. No attendee will be allowed to register *after* the advertised start time of the pre-bid conference. Bids submitted by contractors who have *not properly* registered and attended the pre-bid conference shall be *rejected* as non-responsive.
Pre-Bid Conference Contact	Robert Sheeley @203-392-6050

BID OPENING DATE:	February 24, 2010
Receipt of Bid Package	Bids will be received at the State Office Building, 165 Capitol Avenue, Hartford, CT, 06106 in Room No. G-36 UNTIL 1:00 P.M. on the date shown above and thereafter publicly opened and read aloud in Room No. G-32.
Bid Results:	Bid results are posted on the DPW Website in approximately two (2) days after the bid opening date.
Set-Aside Participation	25%
Including MBE/WBE	6.25%
Gift And Campaign Contribution Certification	If awarded the subject contract and the contract has a value of $50,000 or more the contractor will be required to sign and submit, at the time of contract execution, a Gift And Campaign Contribution Certification. See the DPW home page, http://www.ct.gov/dpw, click on Affidavits. For the purposes of signing the Certification, the "date DPW began planning" the subject project or services is such date noted below.
Date DPW Began Planning the Subject Project:	5/14/04
Summary and Affidavit Regarding State Ethics	Any one seeking a contract with a value of more than $500,000 shall provide with their bid an Ethics Affidavit *located* at CT DPW Website (www.ct.gov/dpw). Failure to provide this affidavit with the bid proposal shall result in rejection of the bid.
Bid Security	As security, *each* bid must be accompanied by a CERTIFIED CHECK made payable to "Treasurer, State of Connecticut," or the bid must be accompanied by a BID BOND, in the form required by the awarding authority and having surety thereto such Surety Company or Companies as are authorized to do business in this State and/or accepted by the Commissioner of the Department of Public Works for an amount not less than 10% of the bid.
Bidders are advised that *both* the DEPARTMENT OF ADMINISTRATIVE SERVICES PREQUALIFICATION CERTIFICATE and UPDATE STATEMENT must accompany the *bid* proposal for projects *estimated* to *exceed* Five Hundred Thousand Dollars ($500,000.00) (C.G.S. 4b-91 as amended). *Failure to supply them with the bid will result in rejection of the bid*	
Department of Administrative Services (DAS) Contractor Prequalification Program: http://www.das.state.ct.us/busopp.asp	
To access Executive Orders: http://www.ct.gov/governorrell/cwp/browse.asp?a=1719&bc=0&c=18433	
To access the Department of Public Works Web Site: http://www.ct.gov/dpw	

Performance and Labor and Material Bonds to be furnished by the bidder awarded the contract shall be an amount not less than 100% of the contract price.

The Commissioner reserves the right to do any of the following without liability, including but not limited to: (a) waive technical defects in the bid proposal as he or she deems best for the interest of the State; (b) negotiate with a contractor in accordance with Connecticut General

Statutes Section 4b-91;(c) reject any or all bids; (d) cancel the award or execution of any contract prior to the issuance of the "Notice To Proceed;" and, (e) advertise for new bids.

Nonresident contractors: At the time of contract signing a certificate from the Commissioner of Revenue Services must be provided which evidences that C.G.S. 12-430 for non-resident contractors has been met. For details call the Department of Revenue Services at (860) 541-3280, ext. 7.

EXECUTIVE ORDERS:

The Contract is subject to the provisions of Executive Order No. Three of Governor Thomas J. Meskill, promulgated June 16, 1971, concerning labor employment practices, Executive Order No. Seventeen of Governor Thomas J. Meskill, promulgated February 15, 1973, concerning the listing of employment openings and Executive Order No. Sixteen of Governor John G. Rowland promulgated August 4, 1999, concerning violence in the workplace, all of which are incorporated into and are made a part of the Contract as if they had been fully set forth in it. At the Contractor's request, the Client Agency shall provide a copy of these orders to the Contractor. The Contract may also be subject to Executive Order No. 7C of Governor M. Jodi Rell, promulgated July 13, 2006, concerning contracting reforms and Executive Order No. 14 of Governor M. Jodi Rell, promulgated April 17, 2006, concerning procurement of cleaning products and services, in accordance with their respective terms and conditions.

This contract is subject to the provisions of the Department of Public Works Sexual Harassment Policy ("Policy") and, as such, the contract may be canceled, terminated, or suspended by DPW for violation of or noncompliance with said Policy. Said document is hereby incorporated herein by reference and made a part hereof as though fully set forth herein. This policy may be found at the Department of Public Works Website at http://www.ct.gov/dpw, under Publications.

All technical questions must be in writing (not phoned or emailed) and faxed to the Architect/Engineer with a copy to the DPW Project Manager listed below.

Architect/Engineer/ Consultant:	Kohler Ronan, LLC 301 Main Street Danbury, CT 06810	Fax No:	203-778-1018
Construction Administrator	TBD	Fax No:	
DPW Project Manager:	Robert Prentice 165 Capitol Avenue, Rm. 453 Hartford, CT 06106	Fax No:	860-713-7270

All bid questions should be addressed to the Officer listed below.

Associates Fiscal Administrative Officer:	Mellanee Walton 165 Capitol Avenue, Rm. G-35 Hartford, CT 06106	Fax No:	(860) 713-7395

Contract Time Allowed: 455 Calendar Days

Liquidated Damages: $ 2,532.00 Per Calendar Day beyond Substantial Completion

$ 2,052.00 Per Calendar Day beyond ninety (90) days after Substantial Completion

Prevailing Wage Rates: Prevailing wages are required on this project, in accordance with the schedule provided in the bid documents, pursuant to Connecticut General Statutes Section 31-53 (a) through (h), as amended.

Each contractor who is awarded a contract on or after October 1, 2002 shall be subject to provisions of the Connecticut General Statutes, Section 31-55a concerning annual adjustments to prevailing wages.

Wage Rates will be posted each July 1st on the Department of Labor website: www.ctdol.state.ct.us . Such prevailing wage adjustment shall not be considered a matter for any contract amendment.

The wages paid on an hourly basis to any mechanic, laborer or workman employed upon the work herein contracted to be done and the amount of payment or contribution paid or payable on behalf of each such employee to any employee welfare fund, as defined in subsection (h) of section 31-53 of the Connecticut General Statutes, shall be at a rate equal to the rate customary or prevailing for the same work in the same trade or occupation in the town in which such public works project is being constructed. Any contractor who is not obligated by agreement to make payment or contribution on behalf of such employees to any such employee welfare fund shall pay to each employee as part of his wages the amount of payment or contribution for his classification on each pay day.

Procurement
Department of Public Works