INTERDEPARTMENTAL MEMORANDUM

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

FROM: Ashour Gevargisnia, Project Manager
Team CSU, Room 460
165 Capitol Avenue, Hartford, CT 06106

DATE: 9/17/2009

SUBJECT: ADDENDUM # 1

PROJECT TITLE: Bullard Havens RVTS
Energy Upgrades Project

PROJECT NO.: BI-2B-317

SCHEDULED BID OPENING: 09-24-09

Please expedite the attached Addendum # 1.

1. The total number of pages in this addendum is: 27.
2. The total number of drawings in this addendum is: 17.

3. See attached Revised "Bid Released" form (55) dated: N/A.

4. Coordinator to explain reason for addendum:
   Revised Electrical Drawings to allow for replacement of existing electronic ballasts with new programmed rapid start ballasts in all existing corridor and stairwell fluorescent luminaries, along with allowing for lamp socket replacement in stairwell fluorescent luminaries. These items will add to the cost of the project.

   The type of ceiling mounted sensor in the center of the bridge connecting buildings "A" & "B" was changed to a photocell type sensor to take advantage of the natural light in the bridge. This item should not affect the cost of the project, and will provide additional energy savings for the DPW.

xc: Agency. Theodore Holly
Team File BI-2B-317 (R1)
Project Manager.Ashour Gevargisnia

ENERGY UPGRADES
BULLARD HAVENS REGIONAL VOCATIONAL TECHNICAL SCHOOL
BRIDGEPORT, CONNECTICUT
PROJECT: BI- 2B - 317

BID OPENING	**1:00 P.M.**	**9-24-2009**
ADDENDUM NUMBER 1	**DATE OF ADDENDUM**	**SEPTEMBER 16, 2009**

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

Item 1

Drawing EG-1: Add to Symbol Legend;

a. WT-600 Wattstopper "Ultrasonic Ceiling Sensor" See attached SKE-2
b. WT-1100 Wattstopper "Ultrasonic Ceiling Sensor" See attached SKE-2
c. WT-2200 Wattstopper "Ultrasonic Ceiling Sensor" See attached SKE-2
d. WT-2250 Wattstopper "Ultrasonic Ceiling Sensor" See attached SKE-2
e. LS-301 Wattstopper "Dimming Photo Sensor" See attached SKE-2
f. Revised Luminaire Schedule for Types "B" &"B1"-changed "electronic instant start" ballasts to "programmed rapid start" ballasts. See attached SKE-1
g. Revised Luminaire Schedule: Note #3; add "All occupancy sensors shall be set for 30 (thirty) minute time delay." See attached SKE-1

Item 2

Drawing EG-2: Add wiring diagram for LS-301 Dimming Photosensor. See attached SKE-3

Item 3

Drawing E-1.1:

Add to Electrical Keyed Notes #1: "Replace Lamp Sockets as Necessary" See attached SKE-4

Revise Electrical Keyed Notes #1 & 2 to include: "Replace existing ballasts with electronic Programmed Rapid Start Ballasts" See attached SKE-4

Item 4

Drawing E-2.1:

a. Add to Electrical Keyed Notes #1: "Replace Lamp Sockets as Necessary" See attached SKE-5
b. Revise Electrical Keyed Notes #1 & 2 to include: "Replace existing ballasts with electronic Programmed Rapid Start Ballasts" See attached SKE-5
c. Change symbol for sensor at center of "bridge" from "H" to "D" See attached SKE-6

Item 5

Drawing E-3.1:

a. Add to Electrical Keyed Notes #1: "Replace Lamp Sockets as Necessary" See attached SKE-7
b. Revise Electrical Keyed Notes #1 & 2 to include: "Replace existing ballasts with electronic Programmed Rapid Start Ballasts" See attached SKE-7

Item 6

Drawing E-4.1:

Revise Electrical Keyed Note #1 to include: "Replace existing ballasts with electronic Programmed Rapid Start Ballasts" See attached SKE-8

Item 7

Drawing E-4.2:

Revise Electrical Keyed Note #1 to include: "Replace existing ballasts with electronic Programmed Rapid Start Ballasts" See attached SKE-9

Item 8

Drawing E-4.3:

Revise Electrical Keyed Note #1 to include: "Replace existing ballasts with electronic Programmed Rapid Start Ballasts" See attached SKE-10

Item 9

Drawing E-4.4:

Revise Electrical Keyed Note #1 to include: "Replace existing ballasts with electronic Programmed Rapid Start Ballasts" See attached SKE-11

Item 10

Drawing E-4.5:

Revise Electrical Keyed Note #1 to include: "Replace existing ballasts with electronic Programmed Rapid Start Ballasts" See attached SKE-12

Item 11

Drawing E-4.6:

Revise Electrical Keyed Note #1 to include: "Replace existing ballasts with electronic Programmed Rapid Start Ballasts" See attached SKE-13

Item 12

Drawing E-4.7:

Revise Electrical Keyed Note #1 to include: "Replace existing ballasts with electronic Programmed Rapid Start Ballasts" See attached SKE-14

Item 13

Drawing E-5.1:

Revise Electrical Keyed Note #1 to include: "Replace existing ballasts with electronic Programmed Rapid Start Ballasts" See attached SKE-15

Item 14

Drawing E-5.2:

Revise Electrical Keyed Note #1 to include: "Replace existing ballasts with electronic Programmed Rapid Start Ballasts" See attached SKE-16

Item 15

Drawing E-1.1:

Show location of Facility Management System Sub-panel on plan. See attached SKE-17

Item 16

Specification Section 16510:

a. Replace Paragraph 2.3 "Fluorescent (Programmed Start) and High Intensity Discharge Lamp Ballasts" with attached Paragraph 2.3 "Ballasts for Linear Fluorescent Lamps". See attached "Paragraph 2.3."

Item 17

Building "B" – Existing Corridors # C-105, E-129, F-144, E-130, F-143, B-158, A-135, G-151 & G-157 have perforated, corrugated metal ceilings with access points within corridors.

Item 18

Building "A" – Existing Corridors have 'spline' type ceiling tiles. The removal and replacement of 'spline' ceiling tiles shall be coordinated with building management personnel. Refer to Project Manual for additional information on these ceiling tiles.

Mellanee Walton for

David Busanet,
Bidding & Contracts Supervisor
Department of Public Works

End of Addendum # 1.

2.3 BALLASTS FOR LINEAR FLUORESCENT LAMPS

A. General Requirements for Electronic Ballasts:

1. Comply with UL 935 and with ANSI C82.11.
2. Designed for type and quantity of lamps served.
3. Ballasts shall be designed for full light output unless another BF, dimmer, or bi-level control is indicated.
4. Sound Rating: Class A
5. Total Harmonic Distortion Rating: Less than 10 percent.
6. Transient Voltage Protection: IEEE C62.41.1 and IEEE C62.41.2, Category A or better.
7. Operating Frequency: 42 kHz or higher.
8. Lamp Current Crest Factor: 1.7 or less.
9. BF: 0.88 or higher.
10. Power Factor: 0.98 or higher.

B. Luminaires controlled by occupancy sensors shall have programmed-start ballasts.

C. Electronic Programmed-Start Ballasts for T5 and T5HO Lamps: Comply with ANSI C82.11 and the following:

1. Lamp end-of-life detection and shutdown circuit for T5 diameter lamps.
2. Automatic lamp starting after lamp replacement.

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	EST. WATTS	CATALOG NUMBER	LAMP QTY.	LAMP TYPE	VOLTS	BALLAST QTY.	BALLAST TYPE	MOUNTING	REMARKS	LOCATION
A	HALO	56	H803E-810C	2	26W-DTT 3500° K 82 CRI	120	1	ELECTRONIC HPF	GYP. BD. CEILING	7" DIA. x 5-5/16" DEEP DOWNLIGHT W/ WHITE TRIM RING & BAFFLE -- CLEAR SPECULAR REFL.	BATHROOMS
B	METALUX	61	8T-STN-2-32-120-ER8I-WG/SS-4FT-U	2	32W-TB 4100° K 82 CRI	120	1	PROGRAMMED RAPID START	SURFACE	5-1/4"W x 4-1/8" x 8' INDUSTRIAL STRIP 2-4' WIREGUARDS-SEE NOTE #2 BELOW	GARAGE
B1	METALUX	61	STN-2-32-120-ER8I-WG/SS-4FT-U	2	32W-TB 4100° K 82 CRI	120	1	PROGRAMMED RAPID START	SURFACE	5-1/4"W x 4-1/8" x 4' INDUSTRIAL STRIP 1-4' WIREGUARDS-SEE NOTE #2 BELOW	GARAGE
C	PORTFOLIO	55	C8242-1D42-8350-LI	2	26W-TTT 3000° K 82 CRI	120	1	ELECTRONIC DIMMING	GYP. BD. CEILING	8" DIA. x 7-3/4" DEEP DOWNLIGHT WITH WHITE TRIM RING & CLEAR SPECULAR REFL.-DIM. BALL	ASSEMBLY HALL
D	PORTFOLIO	42	C19242-2D42-P-C836P-9250-LI	1	42W-TTT 3000° K 82 CRI	120	1	ELECTRONIC DIMMING	GYP. BD. CEILING	6" DIA. x 15" PENDANT CYLINDER WITH WHITE ALUM. HOUSING-STEM LENGTH TO MATCH EXIST.	ASSEMBLY HALL

NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL INSTALL IN ALL RETROFITTED LIGHTING FIXTURES, NEW T8 FLUORESCENT LAMPS WITH A MINIMUM OF 82 CRI AND COLOR TEMPERATURE OF 4100°K. THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL EXISTING BALLASTS FROM CORRIDOR LUMINAIRES AND PROVIDE NEW PROGRAMMED RAPID START BALLASTS.
2. ALL NEW FLUORESCENT BALLASTS SHALL BE ELECTRONIC, MAXIMUM THD 10% PROGRAMMED RAPID START.
3. ALL OCCUPANCY SENSORS AND ACCESSORIES SHALL BE MANUFACTURED BY WATTSTOPPER OR APPROVED EQUAL. ALL OCCUPANCY SENSORS SHALL BE SET FOR 30 (THIRTY) MINUTE TIME DELAY. (2)

REFERENCE DRAWING: EG-1

(2) **09-15-09 ISSUED FOR BID & CONSTRUCTION**

CONSULTING ENGINEERS:

MUSCO ENGINEERING ASSOCIATES

375 MORGAN LANE, UNIT 307
WEST HAVEN, CT 06516
(203) 932-1901 FAX (203) 931-1550
www.muscoengineering.com

Project Name: Bullard Havens RVTS
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Date: 09-15-09 Drawn By: TJB Checked By: LEL/MVM

SKE-1

SYMBOL LEGEND

SYM	DESCRIPTION
6	WT-600 WATTSTOPPER – ULTRASONIC CEILING SENSOR
1	WT-1100 WATTSTOPPER – ULTRASONIC CEILING SENSOR
2	WT-2200 WATTSTOPPER – ULTRASONIC CEILING SENSOR
H	WT-2250 WATTSTOPPER – ULTRASONIC CEILING SENSOR
D	LS-301 WATTSTOPPER – DIMMING PHOTO SENSOR
	AREA OF WORK

NOTE: OCC. SENSOR MODEL NUMBERS BASED ON WATTSTOPPER OR EQUAL.

2

REFERENCE DRAWING: EG-1

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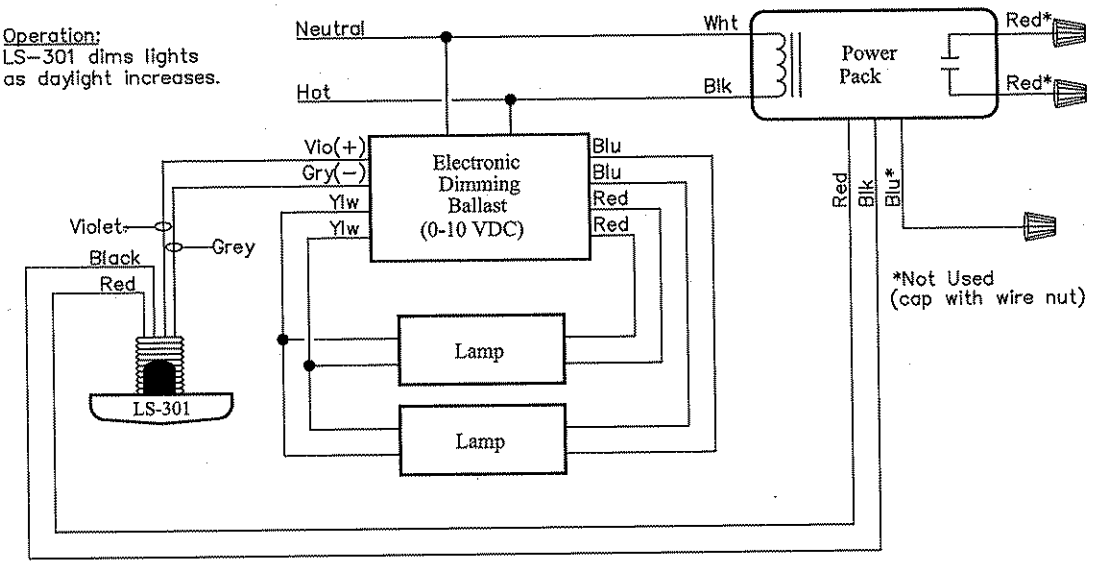
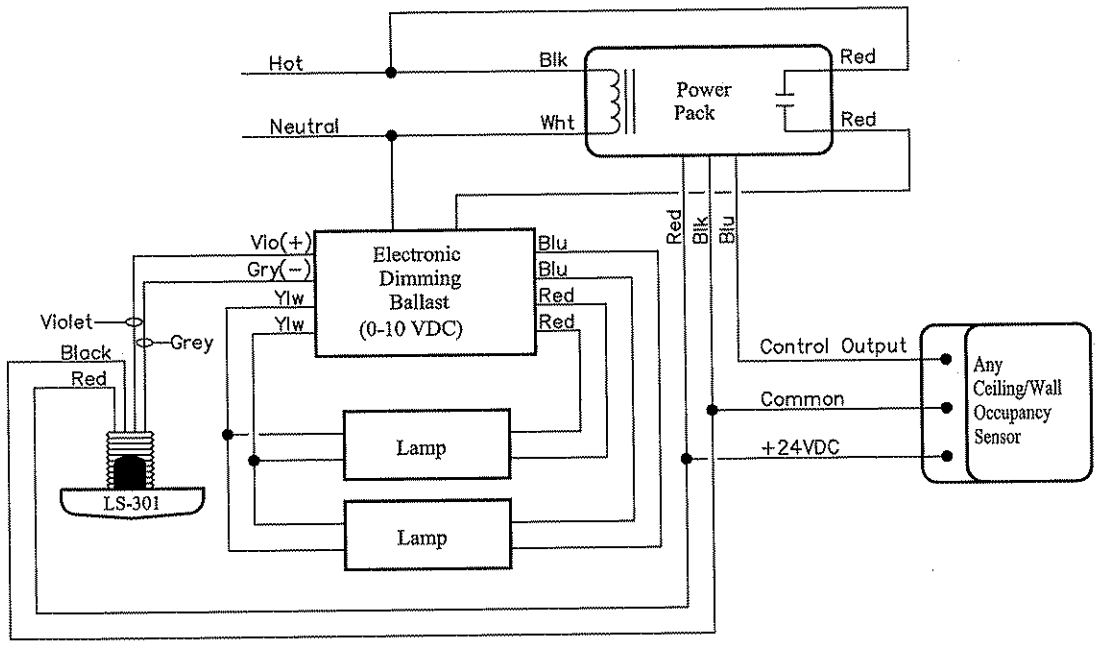
SKE-2

Typical Wiring

Operation:
LS-301 dims lights as daylight increases.



Wiring with Occupancy Sensor



Operation:
Occupancy Sensor switches Lights ON/OFF. When occupied, the LS-301 dims the lights as daylight increases.

LS-301 Wiring Schematic

2

REFERENCE DRAWING: EG-2

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SKE-3

ELECTRICAL KEYED NOTES

SYM.	DESCRIPTION
1	RETROFIT EXISTING FLUORESCENT LUMINAIRES IN STAIRWELLS – REPLACE EXISTING T12 LAMPS AND BALLASTS WITH NEW 32W, T8 4100°K FLUORESCENT LAMPS AND ELECTRONIC PROGRAMMED RAPID START BALLASTS. BALLASTS SHALL BE 10% MAX. THD. REPLACE LAMP SOCKETS AS NECESSARY.
2	INSTALL NEW OCCUPANCY SENSORS AS SHOWN IN HALLWAYS AND REPLACE EXISTING FLUORESCENT FIXTURE BALLASTS WITH NEW PROGRAMMED RAPID START ELECTRONIC BALLASTS

2

REFERENCE DRAWING: E-1.1

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SKE-4

ELECTRICAL KEYED NOTES

SYM.	DESCRIPTION
1	RETROFIT EXISTING FLUORESCENT LUMINAIRES IN STAIRWELLS – REPLACE EXISTING T12 LAMPS AND BALLASTS WITH NEW 32W, T8 4100°K FLUORESCENT LAMPS AND ELECTRONIC PROGRAMMED RAPID START BALLASTS. BALLASTS SHALL BE 10% MAX. THD. REPLACE LAMP SOCKETS AS NECESSARY.
2	INSTALL NEW OCCUPANCY SENSORS AS SHOWN IN HALLWAYS AND REPLACE EXISTING FLUORESCENT FIXTURE BALLASTS WITH NEW PROGRAMMED RAPID START ELECTRONIC BALLASTS
3	REPLACE EXISTING 120W INCANDESCENT DOWNLIGHT LUMINAIRES IN THE ASSEMBLY HALL WITH NEW COMPACT FLUORESCENT DOWNLIGHT LUMINAIRES – TYPE "C". RE-CONNECT TO EXISTING CIRCUITS.
4	REPLACE EXISTING 75W INCANDESCENT PENDANT LUMINAIRES IN THE ASSEMBLY HALL WITH NEW COMPACT FLUORESCENT TYPE 'D' PENDANT LUMINAIRES – CONNECT TO EXISTING CIRCUIT(S).
5	INSTALL NEW OCCUPANCY SENSOR, DIMMING PHOTOSENSOR, BZ-100 POWER PACK AND DIMMING BALLAST FOR DAYLIGHTING CONTROL SYSTEM OF BRIDGE LUMINAIRES

2

REFERENCE DRAWING: E-2.1

2 **09-15-09 ISSUED FOR BID & CONSTRUCTION**

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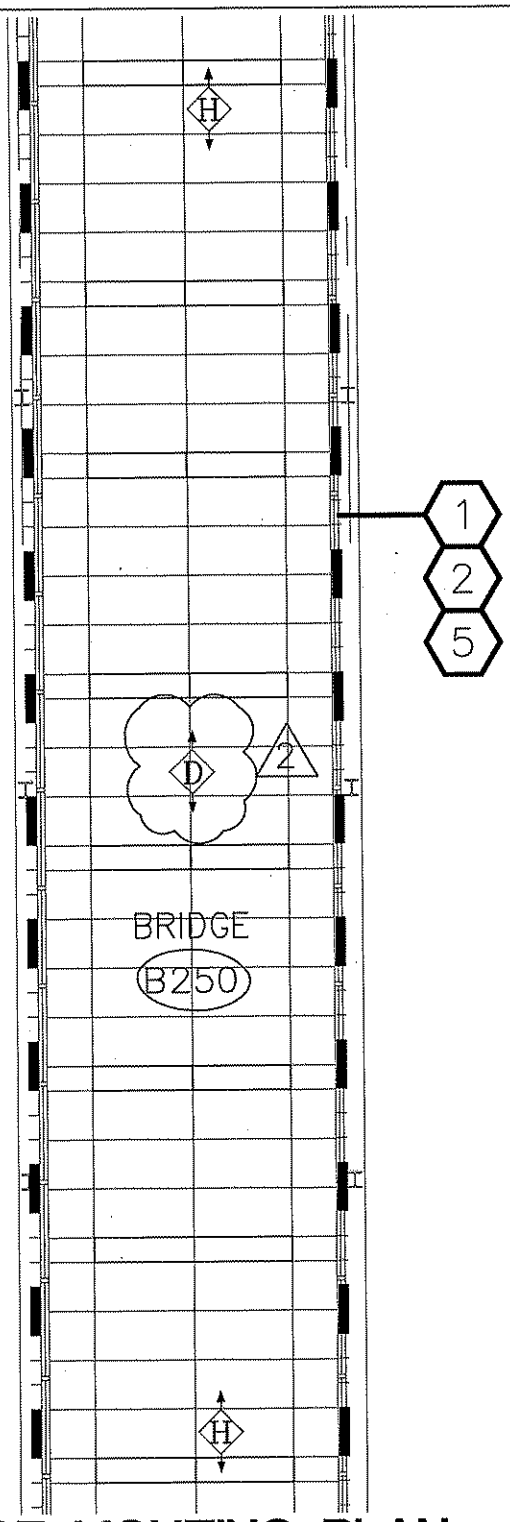
SKE-5



BRIDGE LIGHTING PLAN

SCALE: 1/8" = 1'-0"

REFERENCE DRAWING: E-2.1

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SKE-6

ELECTRICAL KEYED NOTES

SYM.	DESCRIPTION
1	RETROFIT EXISTING FLUORESCENT LUMINAIRES IN STAIRWELLS – REPLACE EXISTING T12 LAMPS AND BALLASTS WITH NEW 32W, T8 4100°K FLUORESCENT LAMPS AND ELECTRONIC PROGRAMMED RAPID START BALLASTS. BALLASTS SHALL BE 10% MAX. THD. REPLACE LAMP SOCKETS AS NECESSARY.
2	INSTALL NEW OCCUPANCY SENSORS AS SHOWN IN HALLWAYS AND REPLACE EXISTING FLUORESCENT FIXTURE BALLASTS WITH NEW PROGRAMMED RAPID START ELECTRONIC BALLASTS
3	REPLACE EXISTING 150W INCANDESCENT DOWNLIGHT LUMINAIRES IN THE BATHROOMS WITH NEW COMPACT FLUORESCENT DOWNLIGHT LUMINAIRES – TYPE "A". RE–CONNECT TO EXISTING CIRCUITS.

2

REFERENCE DRAWING: E-3.1

2 **09-15-09 ISSUED FOR BID & CONSTRUCTION**

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SKE-7

ELECTRICAL KEYED NOTES

SYM.	DESCRIPTION
1	INSTALL NEW OCCUPANCY SENSORS AS SHOWN IN HALLWAYS AND REPLACE EXISTING FLUORESCENT FIXTURE BALLASTS WITH NEW PROGRAMMED RAPID START ELECTRONIC BALLASTS

2

REFERENCE DRAWING: E-4.1

2 **09-15-09 ISSUED FOR BID & CONSTRUCTION**

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MUSCO ENGINEERING ASSOCIATES

375 MORGAN LANE, UNIT 307
WEST HAVEN, CT 06516
(203) 932-1901 FAX (203) 931-1550
www.muscoengineering.com

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Bridgeport, CT 06610

Date: 09-14-09 Drawn By: TJB Checked By: LEL/MVM

SKE-8

ELECTRICAL KEYED NOTES

SYM.	DESCRIPTION
1	INSTALL NEW OCCUPANCY SENSORS AS SHOWN IN HALLWAYS AND MAIN ENTRANCE. REPLACE EXISTING FLUORESCENT FIXTURE BALLASTS WITH NEW PROGRAMMED RAPID START ELECTRONIC BALLASTS

2

REFERENCE DRAWING: E-4.2

2 **09-15-09 ISSUED FOR BID & CONSTRUCTION**

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SKE-9

ELECTRICAL KEYED NOTES

SYM.	DESCRIPTION
1	INSTALL NEW OCCUPANCY SENSORS AS SHOWN IN HALLWAYS AND REPLACE EXISTING FLUORESCENT FIXTURE BALLASTS WITH NEW PROGRAMMED RAPID START ELECTRONIC BALLASTS

2

REFERENCE DRAWING: E-4.3

2 **09-15-09 ISSUED FOR BID & CONSTRUCTION**

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Date: 09-15-09 Drawn By: TJB Checked By: LEL/MVM

SKE-10

ELECTRICAL KEYED NOTES

SYM.	DESCRIPTION
1	INSTALL NEW OCCUPANCY SENSORS AS SHOWN IN HALLWAYS AND REPLACE EXISTING FLUORESCENT FIXTURE BALLASTS WITH NEW PROGRAMMED RAPID START ELECTRONIC BALLASTS
2	REPLACE EXISTING 8 FOOT, 4 LAMP AND 4 FOOT, 2 LAMP FLUORESCENT LUMINAIRES IN WELDING SHOP WITH NEW TYPE B & B1 FLUORESCENT LUMINAIRES
3	REPLACE EXISTING EIGHT FOOT 2 LAMP FLUORESCENT LUMINAIRES IN GARAGE WITH NEW EIGHT FOOT FLUORESCENT LUMINAIRES – TYPE 'B" – REPLACE ONE (1) EXISTING FOUR FOOT 2 LAMP FLUORESCENT LUMINAIRE IN GARAGE STORAGE RM. WITH ONE (1) FOUR FT. TYPE "B1" FL. LUM.

REFERENCE DRAWING: E-4.4

2 **09-15-09 ISSUED FOR BID & CONSTRUCTION**

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SKE-11

ELECTRICAL KEYED NOTES

SYM.	DESCRIPTION
1	INSTALL NEW OCCUPANCY SENSORS AS SHOWN IN HALLWAYS AND REPLACE EXISTING FLUORESCENT FIXTURE BALLASTS WITH NEW PROGRAMMED RAPID START ELECTRONIC BALLASTS

2

REFERENCE DRAWING: E-45

2 **09-15-09 ISSUED FOR BID & CONSTRUCTION**

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SKE-12

ELECTRICAL KEYED NOTES

SYM.	DESCRIPTION
1	INSTALL NEW OCCUPANCY SENSORS AS SHOWN IN HALLWAY AND REPLACE EXISTING FLUORESCENT FIXTURE BALLASTS WITH NEW PROGRAMMED RAPID START ELECTRONIC BALLASTS

2

REFERENCE DRAWING: E-4.6

2 **09-15-09 ISSUED FOR BID & CONSTRUCTION**

CONSULTING ENGINEERS:

MUSCO ENGINEERING ASSOCIATES

375 MORGAN LANE, UNIT 307
WEST HAVEN, CT 06516
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SKE-13

ELECTRICAL KEYED NOTES

SYM.	DESCRIPTION
1	INSTALL NEW OCCUPANCY SENSORS AS SHOWN IN HALLWAY AND REPLACE EXISTING FLUORESCENT FIXTURE BALLASTS WITH NEW PROGRAMMED RAPID START ELECTRONIC BALLASTS

2

REFERENCE DRAWING: E-4.7

2 **09-15-09 ISSUED FOR BID & CONSTRUCTION**

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SKE-14

ELECTRICAL KEYED NOTES

SYM.	DESCRIPTION
1	INSTALL NEW OCCUPANCY SENSORS AS SHOWN IN HALLWAYS AND REPLACE EXISTING FLUORESCENT FIXTURE BALLASTS WITH NEW PROGRAMMED RAPID START ELECTRONIC BALLASTS

2

REFERENCE DRAWING: E-5.1

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SKE-15

ELECTRICAL KEYED NOTES

SYM.	DESCRIPTION
1	INSTALL NEW OCCUPANCY SENSORS AS SHOWN IN HALLWAYS AND REPLACE EXISTING FLUORESCENT FIXTURE BALLASTS WITH NEW PROGRAMMED RAPID START ELECTRONIC BALLASTS

REFERENCE DRAWING: E-5.2

2 **09-15-09 ISSUED FOR BID & CONSTRUCTION**

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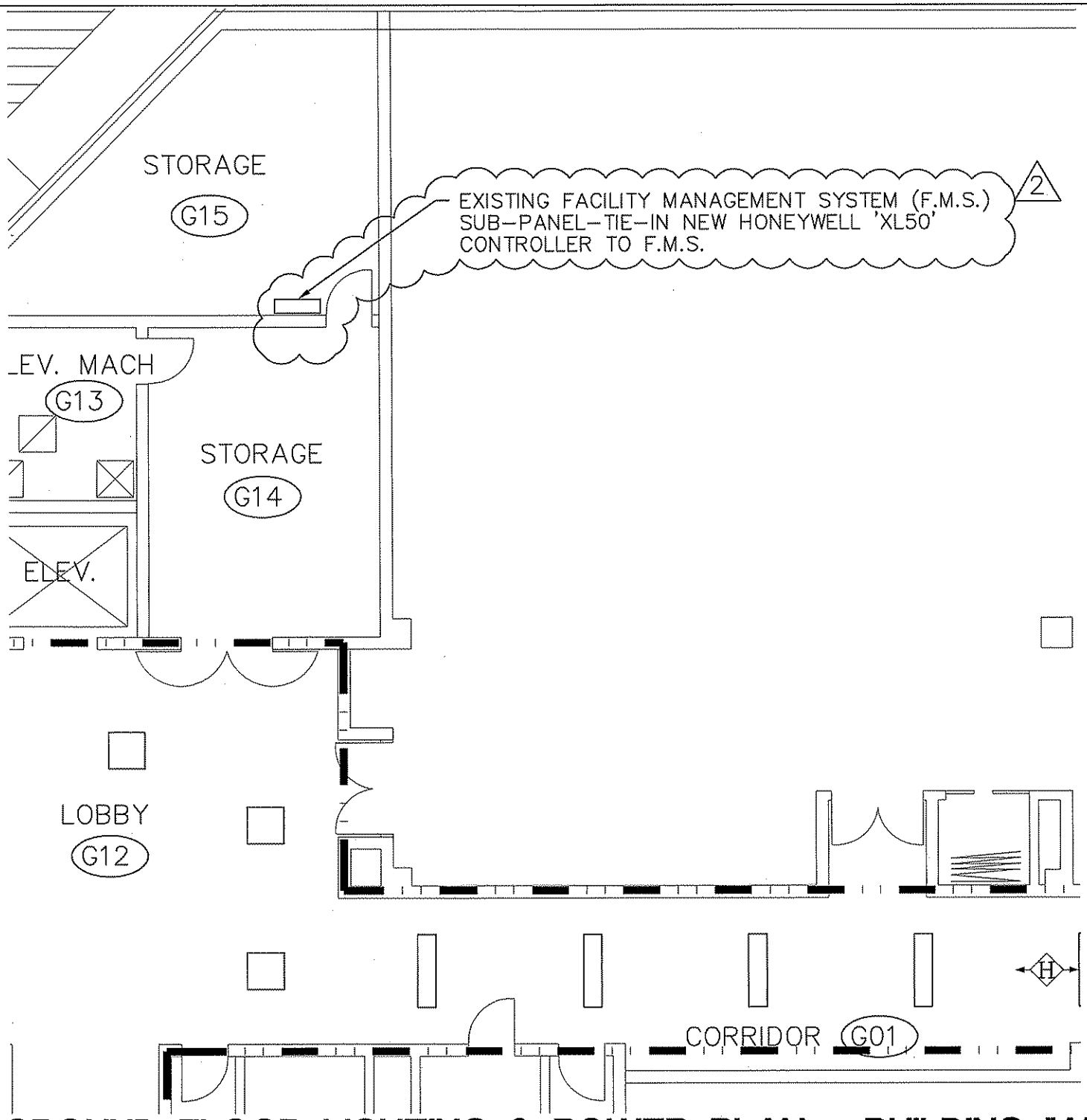
Date: 09-15-09 Drawn By: TJB Checked By: LEL/MVM

SKE-16



GROUND FLOOR LIGHTING & POWER PLAN - BUILDING "A"

SCALE: 1/8" = 1'-0"

REFERENCE DRAWING: E-1.1

2 **09-15-09 ISSUED FOR BID & CONSTRUCTION**

CONSULTING ENGINEERS:

MUSCO ENGINEERING ASSOCIATES

375 MORGAN LANE, UNIT 307
WEST HAVEN, CT 06516
(203) 932-1901 FAX (203) 931-1550
www.muscoengineering.com

Project Name:	Bullard Havens RVTS Energy Upgrades Project
Project Number:	BI-2B-317
Project Address:	500 Palisade Avenue Bridgeport, CT 06610
Date: 09-15-09 Drawn By: TJB Checked By: LEL/MVM	SKE-17

Meeting sign-in-sheet

Project No: BI-2B-317

Project Name: Energy Upgrades Bullard Haven
Bridgeport, CT

Meeting Date: 9/15/2009

Name - Print	Ashour Gevargisnia	Telephone #:	860-713-5639	Email Address:	ashour.gevargisnia@ct.gov
Company Name	DPW	Fax #:	860-713-7261	Website Address:	www.
Street Address	165 Capitol Ave	Cell Phone #	860-214-9598		
City, St. Zip	Hartford, CT 06160				

Name - Print	BRIAN CUBANSKI	Telephone #:	860-887-0823	Email Address:	BYRON@PRIMEELECTRICLLC.COM
Company Name	PRIME ELECTRIC LLC	Fax #:	860-886-2344	Website Address:	www.
Street Address	33 WISCONSIN AVE	Cell Phone #	860-213-1431		
City, St. Zip	NORWICH CT 06360				

Name - Print	Eliyah El-Hajj-Bey	Telephone #:	860-683-2909	Email Address:	RelyMech@aol.com
Company Name	Reliable Mech. Contractors	Fax #:	860-298-9719	Website Address:	www. RelyMechCt.com
Street Address	11 Palisado Ave	Cell Phone #	860-543-3605		
City, St. Zip	Windsor				

Name - Print	Ted Holly	Telephone #	579-6333	Email Address:	Theodore.Holly@ct.gov
Company Name	Bullard Havens	Fax #:	579-6904	Website Address:	www.
Street Address		Cell Phone #	203 509-4862		
City, St. Zip					

Name - Print	ROGER GREGOIRE	Telephone #:	860-646-8760	Email Address:	ARMROGER@SBCGLOBAL.NET
Company Name	ALTERNATIVE RESC. MGMT.	Fax #:	860-649-8960	Website Address:	www.
Street Address	27 WALNUT DRIVE	Cell Phone #			
City, St. Zip	HEBRON, CT 06248				

317

Project Name: ENERGY UPGRADES BULLARD HAVEN
BRIDGEPORT, CT

Meeting Date: 9/15/09

Name - Print	Stephen Meade	Telephone #:	860 953-8888	Email Address:	steve@ctairtemp.com
Company Name	Air Temp Mech. Srv.	Fax #:	860 953-5877	Website Address:	www.ctairtemp.com
Street Address	360 Cpt. Lewis Drive	Cell Phone #	860-944-9835		
City, St. Zip	Southington, CT 06489				

Name - Print	Frank Sabia	Telephone #:	203-496-0138	Email Address:	Frank.Sabia@Yahoo.com
Company Name	Sal Sabia Electric	Fax #:	203-323-1234	Website Address:	www.
Street Address	83 Virgil St	Cell Phone #			
City, St. Zip	Stamford CT 06902				

Name - Print	Darlyn Thuesen	Telephone #:	860-872-6651	Email Address:	DThuesen@ConServ-Inc.com
Company Name	ConServ-Inc	Fax #:	800 872-9025	Website Address:	www.ConServ-Inc.com
Street Address	45 Investment Park Rd.	Cell Phone #	860-209-2363		
City, St. Zip	Tolland CT 06279				

Name - Print	David Kay	Telephone #:	378-6686	Email Address:	KayElectric@msn.com
Company Name	Kay Electric LLC	Fax #:	381-9662	Website Address:	www.
Street Address	55 Lupes Drive	Cell Phone #	345-7915		
City, St. Zip	Stratford, CT				

Name - Print	Paul D. Welburn	Telephone #:	860-613-7000	Email Address:	pdwelburn2@aol.com
Company Name	Nxegen	Fax #:	860-613-7009	Website Address:	www.nxegen.com
Street Address	362 Industrial Park Rd	Cell Phone #	860-558-0171		
City, St. Zip	Middletown, CT 06457				

Meeting sign-in-sheet

Project No: BI-ZB-317

Project Name: ENERGY UPGRADES BULLARD HAVEN BRIDGEPORT CT

Meeting Date: PAGE 3 OF 5

Name - Print	JIM PINO JR.	Telephone #:	(203) 878-1544	Email Address:	JIM@OLYMPUSCONSTRUCTION.COM
Company Name	OLYMPUS CONST.	Fax #:	(203) 878-6430	Website Address:	www.OLYMPUSCONSTRUCTION.COM
Street Address	77 CHERRY ST.	Cell Phone #	(203) 258-8341		
City, St. Zip	MILFORD, CT 06460				

Name - Print	Tim Smith	Telephone #:	860 436-3511	Email Address:	tsmith@ppe-us.com
Company Name	Power Point Energy	Fax #:	860 436-2877	Website Address:	www.ppe-us.com
Street Address	52-56 Wolcott Hill Rd.	Cell Phone #	860 221-5007		
City, St. Zip	Wethersfield CT				

Name - Print	Paul Ricci	Telephone #:	(860) 917 1074	Email Address:	Paul@ALPHASUN-CT.COM
Company Name	ALPHA SUN ENERGY LLC	Fax #:	(860) 468 0060	Website Address:	www.
Street Address	PO BOX 206	Cell Phone #			
City, St. Zip	LEBANON CT 06249				

Name - Print	David Ash	Telephone #:	860 621 9657	Email Address:	dash@eesc-ct.com
Company Name	Electrical Energy Systems Corp	Fax #:	860 621 2456	Website Address:	www.
Street Address	215 Captain Lewis Drive	Cell Phone #			
City, St. Zip	Southington CT 06489				

Name - Print	David Gerdatto	Telephone #:	203 937 7211	Email Address:	dave@All-Brite.com
Company Name	All Brite Elect	Fax #:	203 934 547	Website Address:	www.
Street Address	4 Industry Dr	Cell Phone #	203 627 0906		
City, St. Zip	West Haven CT				

Meeting sign-in-sheet

Project No: BE-2B-317

Project Name: ENERGY UPGRADES BULLARD HAVEN BRIDGEPORT, CT

Meeting Date: 9/15/09

Name - Print	Joseph Bilskis	Telephone #:	(203)239-4549	Email Address:	jbilskis@kellyct.net
Company Name	Kelly Enterprises	Fax #:	(203)234-9645	Website Address:	www.kellyenterprisesinc.net
Street Address	50 United Dr.	Cell Phone #			
City, St. Zip	North Haven, CT 06473				

Name - Print	Kris Kelly	Telephone #:	777-3424	Email Address:	HVJG@aol.com
Company Name	Johnson-Goodyer, Inc	Fax #:	777-1640	Website Address:	www.Johnson-Goodyer.com
Street Address	199 Terminal Lane	Cell Phone #			
City, St. Zip	New Haven, CT 06519				

Name - Print	ERIC CRETO	Telephone #:	860-334-6288	Email Address:	ecreto@HarringtonEngineering.c
Company Name	HARRINGTON ENGINEERING	Fax #:		Website Address:	www.
Street Address	70 Inwood Rd	Cell Phone #	[illegible]		
City, St. Zip	Rocky Hill, CT 06067				

Name - Print	Henry Dyson	Telephone #:	203 792 1900	Email Address:	DysonH@NewEnglandEnergy.com
Company Name	New England Energy Mgmt.	Fax #:	203 792 1906	Website Address:	www.NewEnglandEnergy.com
Street Address	5 Shelter Rock Rd.	Cell Phone #	203 948 7083		
City, St. Zip	Danbury, CT 06810.				

Name - Print	William Morrissey	Telephone #	203-268-9223	Email Address:	
Company Name	A+B Mechanical LLC	Fax #:	203-452-8853	Website Address:	www.WMorrissey@Abmechani Col.org
Street Address	453 Pepper St.	Cell Phone #	203-650-1566		
City, St. Zip	Monroe, CT. 06468				

Meeting sign-in-sheet

Project No: BI-2B-317

Project Name: ENERGY UPGRADES BULLARD HAVEN BRIDGE PORT, CT

Meeting Date:

Name - Print	Jeff Scinto	Telephone #:	203-334 2323	Email Address:	southportcontracting@Gmail.com
Company Name	Southport Contracting Inc.	Fax #:	203-334 2321	Website Address:	www.
Street Address	1730 Commerce Drive	Cell Phone #	203 895-6616		
City, St. Zip	Fpt. CT. 06605				

Name - Print	MICHAEL MUSCO	Telephone #:	203 932-1901	Email Address:	MMUSCO@MUSCOENGINEERING.COM
Company Name	MUSCO ENGINEERING	Fax #:	203 931-1550	Website Address:	www. MUSCOENGINEERING.COM
Street Address	375 MORGAN LANE UNIT 307	Cell Phone #	203 619-1738		
City, St. Zip	WEST HAVEN CT 06516				

Name - Print	THOMAS BUCKLEY	Telephone #:	(203) 932-1901	Email Address:	TBUCKLEY@MUSCOENGINEERING.COM
Company Name	MUSCO ENGINEERING	Fax #:	(203) 931-1550	Website Address:	www. MUSCOENGINEERING.COM
Street Address	375 MORGAN LANE UNIT 317	Cell Phone #	444-8435		
City, St. Zip	WEST HAVEN CT 06513				

Name - Print	BILL JEBIN	Telephone #:	860-713	Email Address:	BILL.JEBIN@CT.GOV
Company Name	CT DPW	Fax #:	-5616	Website Address:	www.
Street Address	165 CAPITOL AVE	Cell Phone #			
City, St. Zip					

Name - Print	FRANK AMARANTE	Telephone #:	(860) 713	Email Address:	FRANK.AMARANTE@CT.GOV
Company Name	DPW	Fax #:	5733	Website Address:	www.
Street Address	165 CAPITOL AVE	Cell Phone #			
City, St. Zip					

END

INVITATION TO BID

FOR PROJECTS ESTIMATED TO COST LESS THAN $500,000.00

ADV. NO. 10-04-I DATE OF INVITATION: September 4, 2009

SEALED BIDS ADDRESSED TO THE DEPARTMENT OF PUBLIC WORKS - STATE OF CONNECTICUT FOR:

Project Title:	Energy Upgrades Bullard Havens Regional Vocational Technical School Bridgeport, CT
Project Number:	BI-2B-317
Special Requirement:	N/A
Cost Estimate Range:	$385,506. – $426,085.
Plans & Specs Ready:	September 10, 2009
Non-Refundable Fee Per Set	$ NOT APPLICABLE
Examination and Acquisition of Plans & Specs	State Of Connecticut, Department Of Public Works, Plans And Specifications Section, Room No. G-36, 165 Capitol Avenue, Hartford, CT 06106, 7:30 A.M. to 3:00 P.M. (Monday-Friday) or by addressing a request to the above address with your Fedex number.
MBE Participation	Good Faith Effort
Pre-Bid Conference:	All prospective bidders are encouraged to attend a pre-bid conference
Pre-Bid Conference Time	to be held AT 11:00 A.M.
Pre-Bid Conference Date	ON September 15, 2009
Pre-Bid Conference Location	AT 500 Palisade Avenue, Bridgeport, CT, Room No. "A" Building Conference room..
Pre-Bid Conference Contact	Theodore Holly @ 203-579-6333 Ext. 6446
BID OPENING DATE:	September 24, 2009
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.
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, Gift And Campaign Contribution Certification. See the DPW home page, http://www.ct.gov/dpw, click on Affidavits, and then click on Contractor/Consultant Certification. 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:	6/7/05
Bid Security	As security, each bid must be accompanied by a CERTIFIED CHECK made payable to "Treasurer, State of Connecticut," or 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 if the bid is in excess of $50,000.00.
To access the Department of Public Works web site: http://www.state.ct.gov/dpw	
To access Executive Order #1: http://www.ct.gov/governorrell/cwp/view.asp?Q=276038&A=1720	
To access Executive Order #7c: http://www.ct.gov/governorrell/cwp/view.asp?A=1719&Q=317970	

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 if the bid is in excess of $100,000.00.

The awarding authority reserves the right to waive technical defects or to reject any and all bids.

Nonresident contractors: A certificate from the Commissioner of Revenue Services must be provided which evidences that Connecticut General Statutes Section 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, click Publications and scroll to Sexual Harassment Policy.

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: Alternative Resource Management, Inc.
27 Walnut Drive
Hebron, CT 06248

Fax No: 860-649-8960

Construction Administrator	Bill Jerin 165 Capitol Avenue, Rm. 265 Hartford, CT 06106	Fax No: 860-713-7250
DPW Project Manager:	Ashour Gevargisnia 165 Capitol Avenue, Rm. 460 Hartford, CT 06106	Fax No: 860-713-7270

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

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

Contract Time Allowed: 180 Calendar Days

Liquidated Damages: $ 216.00 Per Calendar Day

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, as may be 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 31-53 and Section 31-55a.

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.

ProcurementDepartment of
Public Works