



City of New London

Department of Finance-Purchasing Agent
13 Masonic Street • New London, CT 06320 • Phone (860) 447-5215 • Fax (860) 447-5297

Invitation for Bids

ADDENDUM

Bid No.: 2009-05

Addendum No.: 1

Date Issued: October 22, 2008

Opening Date and Time: November 3, 2008 at 2:00 P.M.

Title: Installation and Warranty Maintenance of One (1) Passenger Elevator System in an Existing Hoistway at the Water Street Parking Garage

Bidders Note:

This addendum is issued to accomplish the following:

1. Provide all pre-bid meeting attendees with a copy of the Pre-Bid Meeting Attendance Form.
2. Provide all potential bidders with answers to questions that were asked at the pre-bid meeting.
3. Provide all potential bidders with the State of Connecticut Prevailing Wage Rates for this project.

All other terms and conditions remain the same.

This Addendum cover page must be signed and returned with your bid.

Authorized Signature of Bidder

Company Name

Return Proposal To:

William R. Hathaway, Purchasing Agent
City of New London
13 Masonic Street
New London, CT 06320

Proposals cannot be accepted after the Proposal Opening Date and Time indicated above.

**CITY OF NEW LONDON
CONNECTICUT**

PRE-BID ATTENDANCE FORM

Bid No.: 2009-05

Project: Installation and Warranty Maintenance of One (1) Passenger elevator System in an Existing Hoistway at the Water Street Parking Garage

Pre-Bid Meeting Date and Time: October 16, 2008 at 10:00 A.M.

(Please Print Legibly)

Name: JAE DOWNEY	Name: GARY SCHNIP
Company: Hartford Elev LLC	Company: G. SCHNIP CONSTRUCTION
Address: 51 Nowels Hill RD Cromwell CT 06416	Address: 107 FOREST ST. NORWICH, CT. 06360
Telephone: 860 632 2388	Telephone: 860-889-2854
FAX: 860 632 1354	FAX: 860-887-2574
E-Mail: jdown@hrtfordelev.com	E-Mail: GARY@GSCHNIP.COM
Name: Keith Guilbeault	Name: STEVE KENNEDY
Company: G. Donovan Associates	Company: Eagle TeleLift
Address: 627 RT 32 N. Franklin CT	Address: 11 Ayleson ST Hartford CT
Telephone: 860-642-0700 x26	Telephone: 860-207-0084
FAX: 860-642-7994	FAX: 203-926-1115
E-Mail: Keith@GDonovan.com	E-Mail: S.KENNEDY@EAGLELIFTS.COM
Name: SKIP WISE	Name: JOHN MUNDY / DAVID MATTHEWS, PE
Company: CALLIN CONSTRUCTION	Company: STERLING ELEVATOR CONSULTANTS LLC
Address: 5 SHAW'S COVE SUITE 103 NEW LONDON CT 06320	Address: 471 BUSHY HILL ROAD SIMSBURY, CT 06070
Telephone: 860 444 2567	Telephone: (860) 674-1919
FAX: 860 447 8705	FAX: (860) 674-1920
E-Mail: SWISE@CALLINCONSTRUCTION.COM	E-Mail: elevators@sbcglobal.net
Name: Howard Bishop	Name: KONE INC / STEVE SPANN
Company: Merritt Contractors Inc.	Company: PAUL RONDEAU
Address: 350 Boatwiche Ave Bridgewater, CT 06605	Address: 14 OLD FORGE RD ROCKY HILL, CT 06067
Telephone: (203) 367-6230	Telephone: 860-257-9277
FAX: (203) 334-7095	FAX: 860-257-9076
E-Mail: Merritt@co.com	E-Mail: PAUL.RONDEAU@KONE.COM

**CITY OF NEW LONDON
CONNECTICUT**

PRE-BID ATTENDANCE FORM

Bid No.: 2009-05

Project: Installation and Warranty Maintenance of One (1) Passenger elevator System in an Existing Hoistway at the Water Street Parking Garage

Pre-Bid Meeting Date and Time: October 16, 2008 at 10:00 A.M.

(Please Print Legibly)

Name: STEVE SPOHN	Name: Paul Palumbo
Company: KONE INC.	Company: ThyssenKrupp Elevator
Address: 16 OLD FORGE ROAD ROCKY HILL CT 06867	Address: 55 Robinson Blvd Orange, Ct 06477
Telephone: 860 - 257-9277	Telephone: 203-799-7800
FAX: 860 - 257-9076	FAX: 203-799-7769
E-Mail: STEVE.SPOHN@KONE.COM	E-Mail: paul.palumbo@thyssenkrupp.com
Name:	Name:
Company:	Company:
Address:	Address:
Telephone:	Telephone:
FAX:	FAX:
E-Mail:	E-Mail:
Name:	Name:
Company:	Company:
Address:	Address:
Telephone:	Telephone:
FAX:	FAX:
E-Mail:	E-Mail:
Name:	Name:
Company:	Company:
Address:	Address:
Telephone:	Telephone:
FAX:	FAX:
E-Mail:	E-Mail:

Invitation for Bids No. 2009-05

Questions and Responses

Question: Do all vestibules have to be ADA compliant?

Response: Yes. The contractor is only responsible for ensuring the elevator system is ADA compliant. ADA required modifications to the vestibules and the garage are the responsibility of the City of New London.

Question: Does the contractor have to provide a generator for emergency power?

Response: No.

Question: Is the contractor responsible for removing equipment from the existing equipment room?

Response: No. The existing equipment room is flooded with water. The City of New London will be responsible for pumping out the existing equipment room. The contractor's only responsibility in the existing equipment room is to cap the original hydraulic fluid transfer pipe protruding into the hoistway.

Question: Who is responsible for the design and construction of the new machine room?

Response: The selected contractor shall be responsible for design/build of the new machine room. The new room shall be of cinderblock construction, with a self-closing, self-locking, 2 hour fire rated door. It shall also be a climate controlled room.

Question: Where does the City want the new machine room to be constructed?

Response: Because the ground floor level of the parking garage is in or very near the designated 100 year flood plain zone, the new machine room shall be constructed at the north end of the first level of the garage.

Question: Due to the potential for extremely cold air to blow off the river, does the City want a tank heater for the hydraulics system installed?

Response: Yes.

Question: What type of finish does the City want in the elevator cab?

Response: Stainless steel vandal resistant fixtures, scratch resistant laminate walls, recessed lighting, corner safety mirrors and heavy-duty rubber tile flooring.

Project: Installation Of One Passenger Elevator System In An Existing Hoistway Space At The Water Street Parking Garage

**Minimum Rates and Classifications
for Building Construction**

B 11419

**Connecticut Department of Labor
Wage and Workplace Standards Division**

By virtue of the authority vested in the Labor Commissioner under provisions of Section 31-53 of the General Statutes of Connecticut, as amended, the following are declared to be the prevailing rates and welfare payments and will apply only where the contract is advertised for bid within 20 days of the date on which the rates are established. Any contractor or subcontractor not obligated by agreement to pay to the welfare and pension fund shall pay this amount to each employee as part of his/her hourly wages.

Project Number

Project Town New London

Project: Installation Of One Passenger Elevator System In An Existing Hoistway Space At The Water Street Parking Garage

CLASSIFICATION

	Hourly Rate	Benefits
1a) Asbestos Worker/Insulator (Includes application of insulating materials, protective coverings, coatings, & finishes to all types of mechanical systems; application of firestopping material for wall openings & penetrations in walls, floors, ceilings.	24.25	10.76
1b) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation (except its removal from mechanical systems which are not to be scrapped), toxic waste removers, blasters.**See Laborers Group 7**		
1c) Hazardous Material Handler: Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems.	20.50	10.30
2) Boilermaker	32.73	8.72 + 33%
3a) Bricklayer, Cement Mason, Cement Finishers, Plasterers, Stone Masons	31.00	18.54 + a
3b) Tile Setter	30.21	16.61

As of: Thursday, September 25, 2008

Project: Installation Of One Passenger Elevator System In An Existing Hoistway Space At The Water Street Parking Garage

3c) Terrazzo Workers, Marble Setters	30.30	18.69
3d) Tile, Marble & Terrazzo Finishers	24.50	14.43
4) Group 1: Laborers, carpenter tenders, wrecking laborers, fire watchers.	23.25	14.00
4a) Group 2: Mortar mixers, plaster tenders, power buggy operators, powdermen, fireproofers/mixer/nozzleman.	23.50	14.00
4b) Group 3: Jackhammer operators, mason tenders.	23.75	14.00
4c) **Group 4: Pipelayers (Installation of water, storm drainage or sewage lines outside of the building line with P6, P7 license) [If using this classification call the Labor Department for clarification]	24.10	14.00
4d) Group 5: Air track operators, Sand blasters.	24.00	14.00
4e) Group 6: Nuclear toxic waste removers, blasters.	26.25	14.00
4f) Group 7: Asbestos removal and encapsulation (except it's removal from mechanical systems which are not to be scrapped).	24.25	14.00
4g) Group 8: Bottom men on open air caisson, cylindrical work and boring crew.	23.75	14.00

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4h) Group 9: Top men on open air caisson, cylindrical work and boring crew.	23.25	14.00
5) Carpenter, Acoustical Tile Worker, Concrete Form-Wood Builder, Floor Covering (Including Drywall Hanging), Modular-Furniture Systems Installers, Lathers, Piledrivers, Resilient Floor Layers.	27.90	16.96
5a) Millwrights	28.65	16.96
6) Electrical Worker, Cable Splicer (electric) (Trade License required: E1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	34.20	18.33
7a) Elevator Mechanic (Trade License required: R-1,2,5,6)	41.34	16.285+a+b
8) Glazier (Trade License required: FG-1,2)	31.43	14.00 + a
9) Ironworker, Ornamental, Reinforcing, Structural, and Precast Concrete Erection	31.80	23.18 + a
----OPERATORS----		
Group 1: Crane handling or erecting structural steel or stone, hoisting engineer 2 drums or over, front end loader (7 cubic yards or over); work boat 26 ft. and over.	33.05	16.90 + a
Group 2: Cranes (100 ton rate capacity and over); Excavator over 2 cubic yards; Piledriver (\$3.00 premium when operator controls hammer)	32.73	16.90 + a

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Group 3: Excavator; Cranes (under 100 ton rated capacity), Gradall; Master Mechanic; Hoisting Engineer (all types of equipment where a drum and cable are used to hoist or drag material regardless of motive power of operation), Rubber Tire Excavator (Drott-1085	31.99	16.90 + a
Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper)	31.60	16.90 + a
Group 5: Specialty Railroad Equipment; Asphalt Spreader; Asphalt Reclaiming Machine; Line Grinder; Concrete Pumps; Drills with Self Contained Power Units; Boring Machine; Post Hole Digger; Auger; Pounder; Well Digger; Milling Machine (over 24" Mandrell)	31.01	16.90 + a
Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	31.01	16.90 + a
Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	30.70	16.90 + a
Group 7: Asphalt roller, concrete saws and cutters (ride on types), vermeer concrete cutter, Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and under Mandrell).	30.36	16.90 + a
Group 8: Mechanic, grease truck operator, hydroblaster; barrier mover; power stone spreader; welding; work boat under 26 ft.; transfer machine.	29.96	16.90 + a
Group 9: Front end loader (under 3 cubic yards), skid steer loader regardless of attachments, (Bobcat or Similar): forklift, power chipper; landscape equipment (including Hydroseeder).	29.53	16.90 + a
Group 10: Vibratory hammer; ice machine; diesel and air, hammer, etc.	27.49	16.90 + a
Group 11: Conveyor, earth roller, power pavement breaker (whiphammer), robot demolition equipment.	27.49	16.90 + a

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Project: Installation Of One Passenger Elevator System In An Existing Hoistway Space At The
Water Street Parking Garage

Group 12: Wellpoint operator.	27.43	16.90 + a
Group 13: Compressor battery operator.	26.85	16.90 + a
Group 14: Elevator operator; tow motor operator (solid tire no rough terrain).	25.71	16.90 + a
Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator.	25.30	16.90 + a
Group 16: Maintenance engineer.	24.65	16.90 + a
Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator.	28.96	16.90 + a
Group 18: Power safety boat; vacuum truck; zim mixer; sweeper; (Minimum for any job requiring a CDL license).	26.54	16.90 + a
10a) Brush, Roller	27.87	14.00
10b) Taper	28.62	14.00
10c) Paperhanger	28.37	14.00

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Project: Installation Of One Passenger Elevator System In An Existing Hoistway Space At The
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10d) Red Label	28.37	14.00
10e) Blast and Spray	30.87	14.00
10f) Tanks, Tower, Swingstage	29.87	14.00
11) Plumber (Trade License required: P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2)	35.37	19.71
12) Post Digger, Well Digger, Pile Testing Machine	25.25	9.05 + a
13) Roofer (composition)	29.40	13.48
14) Roofer (slate & tile)	29.90	13.48
15) Sheetmetal Worker (Trade License required for HVAC and Ductwork: SM-1,SM-2,SM-3,SM-4,SM-5,SM-6)	30.57	24.50
16) Pipefitter (Including HVAC work) (Trade License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4, G-1, G-2, G-8 & G-9)	35.37	19.71

-----TRUCK DRIVERS-----

As of: Thursday, September 25, 2008

Project: Installation Of One Passenger Elevator System In An Existing Hoistway Space At The
Water Street Parking Garage

17a) 2 Axle	26.18	12.47 + a
17b) 3 Axle, 2 Axle Ready Mix	26.28	12.47 + a
17c) 3 Axle Ready Mix	26.33	12.47 + a
17d) 4 Axle, Heavy Duty Trailer up to 40 tons	26.38	12.47 + a
17e) 4 Axle Ready Mix	26.43	12.47 + a
17f) Heavy Duty Trailer (40 Tons and Over)	26.63	12.47 + a
17g) Specialized Earth Moving Equipment (Other Than Conventional Type on-the-Road Trucks and Semi-Trailers, Including Euclids)	26.43	12.47 + a
18) Sprinkler Fitter (Trade License required: F-1,2,3,4)	38.35	15.65 + a

As of: Thursday, September 25, 2008

Project: Installation Of One Passenger Elevator System In An Existing Hoistway Space At The Water Street Parking Garage

Welders: Rate for craft to which welding is incidental.

**Note: Hazardous waste removal work receives additional \$1.25 per hour for truck drivers.*

***Note: Hazardous waste premium \$3.00 per hour over classified rate*

Crane with 150 ft. boom (including jib) - \$1.50 extra

Crane with 200 ft. boom (including jib) - \$2.50 extra

Crane with 250 ft. boom (including jib) - \$5.00 extra

Crane with 300 ft. boom (including jib) - \$7.00 extra

Crane with 400 ft. boom (including jib) - \$10.00 extra

All classifications that indicate a percentage of the fringe benefits must be calculated at the percentage rate times the "base hourly rate".

Apprentices duly registered under the Commissioner of Labor's regulations on "Work Training Standards for Apprenticeship and Training Programs" Section 31-51-d-1 to 12, are allowed to be paid the appropriate percentage of the prevailing journeymen hourly base and the full fringe benefit rate, providing the work site ratio shall not be less than one full-time journey person instructing and supervising the work of each apprentice in a specific trade.

The Prevailing wage rates applicable to this project are subject to annual adjustments each July 1st for the duration of the project.

Each contractor shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.

It is the contractor's responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's website.

The annual adjustments will be posted on the Department of Labor's Web page: www.ct.gov/dol

The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project.

All subsequent annual adjustments will be posted on our Web Site for contractor access.

As of: Thursday, September 25, 2008

Project: Installation Of One Passenger Elevator System In An Existing Hoistway Space At The Water Street Parking Garage

Effective October 1, 2005 - Public Act 05-50: any person performing the work of any mechanic, laborer, or worker shall be paid prevailing wage

All Person who perform work ON SITE must be paid prevailing wage for the appropriate mechanic, laborer, or worker classification.

All certified payrolls must list the hours worked and wages paid to All Persons who perform work ON SITE regardless of their ownership i.e.: (Owners, Corporate Officers, LLC Members, Independent Contractors, et. al)

Reporting and payment of wages is required regardless of any contractual relationship alleged to exist between the contractor and such person.

Please direct any questions which you may have pertaining to classification of work and payment of prevailing wages to the Wage and Workplace Standards Division, telephone (860)263-6790.

As of: Thursday, September 25, 2008

Sec. 31-53b. Construction safety and health course. Proof of completion required for employees on public building projects. Enforcement. Regulations. (a) Each contract entered into on or after July 1, 2007, for the construction, remodeling, refinishing, refurbishing, rehabilitation, alteration or repair of any public building project by the state or any of its agents, or by an political subdivision of the state or any of its agents, where the total cost of all work to be performed by all contractors and subcontractors in connection with the contract is at least one hundred thousand dollars, shall contain a provision requiring that, not later than thirty days after the date such contract is awarded, each contractor furnish proof to the Labor Commissioner that all employees performing manual labor on or in such public building, pursuant to such contract, have completed a course of at least ten hours in duration in construction safety and health approved by the federal Occupational Safety and Health Administration or, in the case of telecommunications employees, have completed at least ten hours of training in accordance with 29 CFR 1910.268.

(b) Any employee required to complete a construction safety and health course required under subsection (a) of this section who has not completed the course shall be subject to removal from the worksite if the employee does not provide documentation of having completed such course by the fifteenth day after the date the employee is found to be in noncompliance. The Labor Commissioner or said commissioner's designee shall enforce this section.

(c) Not later than January 1, 2007, the Labor Commissioner shall adopt regulations, in accordance with the provisions of chapter 54, to implement the provisions of subsections (a) and (b) of this section. Such regulations shall require that the ten-hour construction safety and health courses required under subsection (a) of this section be conducted in accordance with federal Occupational Safety and Health Administration Training Institute standards, or in accordance with 29 CFR 1910.268, as appropriate. The Labor Commissioner shall accept as sufficient proof of compliance with the provisions of subsection (a) or (b) of this section a student course completion card issued by the federal Occupational Safety and Health Administration Training Institute, or such other proof of compliance said commissioner deems appropriate, dated no earlier than five years before the commencement date of such public works project.

(d) For the purposes of this section, "public building" means a structure, paid for in whole or in part with state funds, within a roof and within exterior walls or fire walls, designed for the housing, shelter, enclosure and support or employment of people, animals or property of any kind, including, but not limited to, sewage treatment plants and water treatment plants, "Public building" does not include site work, roads or bridges, rail lines, parking lots or underground water, sewer or drainage systems including pump houses or other utility systems.

Informational Bulletin

THE 10-HOUR OSHA CONSTRUCTION SAFETY AND HEALTH COURSE

(applicable to public building contracts entered into *on or after July 1, 2007*, where the total cost of all work to be performed is at least \$100,000)

- (1) This requirement was created by Public Act No. 06-175, which is codified in Section 31-53b of the Connecticut General Statutes (pertaining to the prevailing wage statutes);
- (2) The course is required for public building construction contracts (projects funded in whole or in part by the state or any political subdivision of the state) entered into on or after July 1, 2007;
- (3) It is required of private employees (not state or municipal employees) and apprentices who perform manual labor for a general contractor or subcontractor on a public building project where the total cost of all work to be performed is at least \$100,000;
- (4) The ten-hour construction course pertains to the ten-hour Outreach Course conducted in accordance with federal OSHA Training Institute standards, and, for telecommunications workers, a ten-hour training course conducted in accordance with federal OSHA standard, 29 CFR 1910.268;
- (5) The internet website for the federal OSHA Training Institute is http://www.osha.gov/fso/ote/training/edcenters/fact_sheet.html;
- (6) The statutory language leaves it to the contractor and its employees to determine who pays for the cost of the ten-hour Outreach Course;
- (7) Within 30 days of receiving a contract award, a general contractor must furnish proof to the Labor Commissioner that all employees and apprentices performing manual labor on the project will have completed such a course;
- (8) Proof of completion may be demonstrated through either: (a) the presentation of a *bona fide* student course completion card issued by the federal OSHA Training Institute; *or* (2) the presentation of documentation provided to an employee by a trainer certified by the Institute pending the actual issuance of the completion card;
- (9) Any card with an issuance date more than 5 years prior to the commencement date of the construction project shall not constitute proof of compliance;

- (10) Each employer shall affix a copy of the construction safety course completion card to the certified payroll submitted to the contracting agency in accordance with Conn. Gen. Stat. § 31-53(f) on which such employee's name first appears;
- (11) Any employee found to be in non-compliance shall be subject to removal from the worksite if such employee does not provide satisfactory proof of course completion to the Labor Commissioner by the fifteenth day after the date the employee is determined to be in noncompliance;
- (12) Any such employee who is determined to be in noncompliance may continue to work on a public building construction project for a maximum of fourteen consecutive calendar days while bringing his or her status into compliance;
- (13) The Labor Commissioner may make complaint to the prosecuting authorities regarding any employer or agent of the employer, or officer or agent of the corporation who files a false certified payroll with respect to the status of an employee who is performing manual labor on a public building construction project;
- (14) The statute provides the minimum standards required for the completion of a safety course by manual laborers on public construction contracts; any contractor can exceed these minimum requirements; and
- (15) Regulations clarifying the statute are currently in the regulatory process, and shall be posted on the CTDOL website as soon as they are adopted in final form.
- (16) Any questions regarding this statute may be directed to the Wage and Workplace Standards Division of the Connecticut Labor Department via the internet website of <http://www.ctdol.state.ct.us/wgwkstnd/wgemenu.htm>; or by telephone at (860)263-6790.

THE ABOVE INFORMATION IS PROVIDED EXCLUSIVELY AS AN EDUCATIONAL RESOURCE, AND IS NOT INTENDED AS A SUBSTITUTE FOR LEGAL INTERPRETATIONS WHICH MAY ULTIMATELY ARISE CONCERNING THE CONSTRUCTION OF THE STATUTE OR THE REGULATIONS.

November 29, 2006

Notice
To All Mason Contractors and Interested Parties
Regarding Construction Pursuant to Section 31-53 of the
Connecticut General Statutes (Prevailing Wage)

The Connecticut Labor Department Wage and Workplace Standards Division is empowered to enforce the prevailing wage rates on projects covered by the above referenced statute.

Over the past few years the Division has withheld enforcement of the rate in effect for workers who operate a forklift on a prevailing wage rate project due to a potential jurisdictional dispute.

The rate listed in the schedules and in our Occupational Bulletin (see enclosed) has been as follows:

Forklift Operator:

- **Laborers (Group 4) Mason Tenders** - operates forklift solely to assist a mason to a maximum height of nine feet only.
- **Power Equipment Operator (Group 9)** - operates forklift to assist any trade and to assist a mason to a height over nine feet.

The U.S. Labor Department conducted a survey of rates in Connecticut but it has not been published and the rate in effect remains as outlined in the above Occupational Bulletin.

Since this is a classification matter and not one of jurisdiction, effective January 1, 2007 the Connecticut Labor Department will enforce the rate on each schedule in accordance with our statutory authority.

Your cooperation in filing appropriate and accurate certified payrolls is appreciated.

Statute 31-55a

Last Updated: June 02, 2008

You are here: [DOL Web Site](#) › [Wage and Workplace Issues](#) › [Statute 31-55a](#)

- Special Notice -

To All State and Political Subdivisions, Their Agents, and Contractors

Connecticut General Statute 31-55a - Annual adjustments to wage rates by contractors doing state work.

Each contractor that is awarded a contract on or after October 1, 2002, for (1) the construction of a state highway or bridge that falls under the provisions of section 31-54 of the general statutes, or (2) the construction, remodeling, refinishing, refurbishing, rehabilitation, alteration or repair of any public works project that falls under the provisions of section 31-53 of the general statutes shall contact the Labor Commissioner on or before July first of each year, for the duration of such contract, to ascertain the prevailing rate of wages on an hourly basis and the amount of payment or contributions paid or payable on behalf of each mechanic, laborer or worker employed upon the work contracted to be done, and shall make any necessary adjustments to such prevailing rate of wages and such payment or contributions paid or payable on behalf of each such employee, effective each July first.

- The prevailing wage rates applicable to any contract or subcontract awarded on or after October 1, 2002 are subject to annual adjustments each July 1st for the duration of any project which was originally advertised for bids on or after October 1, 2002.
- Each contractor affected by the above requirement shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.
- It is the **contractor's** responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's Web Site. The annual adjustments will be posted on the Department of Labor Web page: www.ctdol.state.ct.us. For those without internet access, please contact the division listed below.
- The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project. All subsequent annual adjustments will be posted on our Web Site for contractor access.

Any questions should be directed to the Contract Compliance Unit, Wage and Workplace Standards Division, Connecticut Department of Labor, 200 Folly Brook Blvd., Wethersfield, CT 06109 at (860)263-6790.


[Workplace Laws](#)

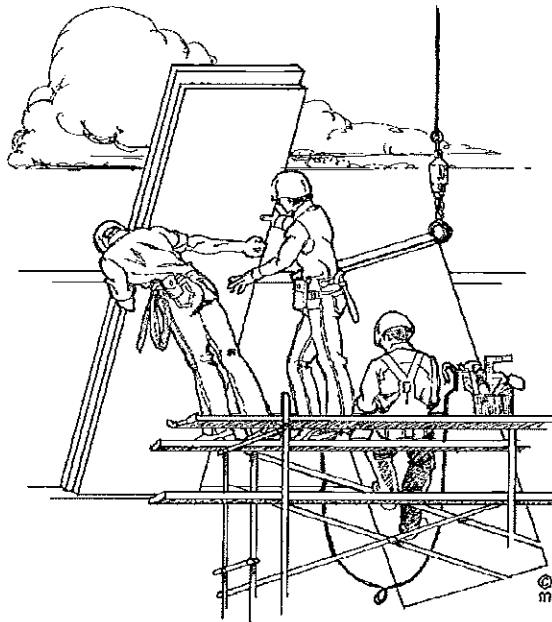
~NOTICE~

TO ALL CONTRACTING AGENCIES

Please be advised that Connecticut General Statutes Section 31-53, requires the contracting agency to certify to the Department of Labor, the total dollar amount of work to be done in connection with such public works project, regardless of whether such project consists of one or more contracts.

Please find the attached "Contracting Agency Certification Form" to be completed and returned to the Department of Labor, Wage and Workplace Standards Division, Public Contract Compliance Unit.

 Inquiries can be directed to (860)263-6543.



CONNECTICUT DEPARTMENT OF LABOR
WAGE AND WORKPLACE STANDARDS DIVISION
CONTRACT COMPLIANCE UNIT

CONTRACTING AGENCY CERTIFICATION FORM

I, _____, acting in my official capacity as _____,
authorized representative title

for _____, located at _____,
contracting agency address

do hereby certify that the total dollar amount of work to be done in connection with
_____, located at _____,
project name and number address

shall be \$ _____, which includes all work, regardless of whether such project
consists of one or more contracts.

CONTRACTOR INFORMATION

Name: _____

Address: _____

Authorized Representative: _____

Approximate Starting Date: _____

Approximate Completion Date: _____

Signature

Date

Return To: Connecticut Department of Labor
Wage & Workplace Standards Division
Contract Compliance Unit
200 Folly Brook Blvd.
Wethersfield, CT 06109

Date Issued: _____

CONNECTICUT DEPARTMENT OF LABOR
WAGE AND WORKPLACE STANDARDS DIVISION

CONTRACTORS WAGE CERTIFICATION FORM

I, _____ of _____
Officer, Owner, Authorized Rep. Company Name

do hereby certify that the _____
Company Name

Street

City

and all of its subcontractors will pay all workers on the

Project Name and Number

Street and City

the wages as listed in the schedule of prevailing rates required for such project (a copy of which is attached hereto).

Signed

Subscribed and sworn to before me this _____ day of _____, :

Notary Public



Return to:

Connecticut Department of Labor
Wage & Workplace Standards Division
200 Folly Brook Blvd.
Wethersfield, CT 06109

Certified Payroll Form WWS - CPI

Last Updated: June 02, 2008

You are here: [DOL Web Site](#) › [Wage and Workplace Issues](#) › Certified Payroll Form WWS - CPI

In accordance with [Connecticut General Statutes, 31-53](#) Certified Payrolls with a statement of compliance shall be submitted monthly to the contracting agency.

Note: Once you have downloaded these forms and are ready to print them out, set the print function on your PC to the horizontal print orientation.

Note2: Please download both the Payroll Certification for Public Works Projects and the Certified Statement of Compliance for a complete package. The Certified Statement of Compliance appears on the same page as the Fringe Benefits Explanation page.

Announcement: The Certified Payroll Form WWS-CPI can now be completed on-line!

updated [Certified Payroll Form WWS-CPI](#) (PDF, 3.6MB)

Published by the Connecticut Department of Labor, Project Management Office

[New] In accordance with Section 31-53b(a) of the C.G.S. each contractor shall provide a copy of the OSHA 10 Hour Construction Safety and Health Card for each employee, to be attached to the first certified payroll on the project.

In accordance with Connecticut General Statutes, 31-53 Certified Payrolls with a statement of compliance shall be submitted monthly to the contracting agency.												PAYROLL CERTIFICATION FOR PUBLIC WORKS PROJECTS										Connecticut Department of Labor Wage and Workplace Standards Division 200 Folly Brook Blvd. Wethersfield, CT 06109			
WEEKLY PAYROLL												CONTRACTOR NAME AND ADDRESS:						SUBCONTRACTOR NAME & ADDRESS				WORKER'S COMPENSATION INSURANCE CARRIER			
PAYROLL NUMBER		Week-Ending Date		PROJECT NAME & ADDRESS								POLICY # EFFECTIVE DATE: EXPIRATION DATE:													
PERSON/WORKER AND ADDRESS		APPR RATE %	MALE/FEMALE AND RACE*	WORK CLASSIFICATION	DAY AND DATE						Total ST Hours							BASH HOURLY RATE	TYPE OF FRINGE BENEFITS	GROSS PAY FOR ALL WORK PERFORMED THIS WEEK	TOTAL DEDUCTIONS				GROSS PAY FOR THIS PREVAILING RATE JOB
				Trade License Type & Number OR OSHA 10 Certification Number	S	M	T	W	TH	F	S	Total O/T Hours	TOTAL FRINGE BENEFIT PLAN CASH	Per Hour 1 through 6 (see back)	FICA	FEDERAL WITH-HOLDING	STATE WITH-HOLDING	OTHER							
				HOURS WORKED EACH DAY								S-TIME	Base Rate	O-TIME	Cash Fringe	1. \$	2. \$	3. \$	4. \$	5. \$	6. \$				

2/13/2008 *IF REQUIRED
WWS-CP1

*SEE REVERSE SIDE

PAGE NUMBER ____ OF

OSHA~ATTACH CARD TO 1ST CERTIFIED PAYROLL

***FRINGE BENEFITS EXPLANATION (P):**

Bona fide benefits paid to approved plans, funds or programs, except those required by Federal or State Law (unemployment tax, worker's compensation, income taxes, etc.)

Please specify the type of benefits provided:

- 1) Medical or hospital care
- 2) Pension or retirement
- 3) Life Insurance
- 4) Disability
- 5) Vacation, holiday
- 6) Other (please specify)

CERTIFIED STATEMENT OF COMPLIANCE

For the week ending date of _____

I, _____ of _____ (hereafter known as Employer)

in my capacity as _____ (title) do hereby certify and state:

1. All persons employed on said project have been paid the full weekly wages earned by them during the week in accordance with Connecticut General Statutes, section 31-53, as amended. Further, I hereby certify and state the following:

- A) The records submitted are true and accurate;
- B) The rate of wages paid to each mechanic, laborer or workman and the amount of payment or contributions paid or payable on behalf of each such employee to any employee welfare fund, as defined in Connecticut General Statutes, section 31-53 (h), are not less than the prevailing rate of wages and the amount of payment or contributions paid or payable on behalf of each such employee to any employee welfare fund, as determined by the Labor Commissioner pursuant to subsection Connecticut General Statutes, section 31-53 (d), and said wages and benefits are not less than those which may also be required by contract;
- C) The Employer has complied with all of the provisions in Connecticut General Statutes, section 31-53 (and Section 31-54 if applicable for state highway construction);
- D) Each such employee of the Employer is covered by a worker's compensation insurance policy for the duration of his employment which proof of coverage has been provided to the contracting agency;
- E) The Employer does not receive kickbacks, which means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided directly or indirectly, to any prime contractor, prime contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contract or in connection with a prime contractor in connection with a subcontractor relating to a prime contractor; and
- F) The Employer is aware that filing a certified payroll which he knows to be false is a class D felony for which the employer may be fined up to five thousand dollars, imprisoned for up to five years or both.

2. OSHA-Certified Statement

Submitted on

(Date)

(Signature)

(Title)

PAYROLL CERTIFICATION FOR PUBLIC WORKS PROJECTS

WEEKLY PAYROLL

PERSON/WORKER AND ADDRESS	APPR RATE %	MALE/ FEMALE AND RACE*	WORK CLASSIFICATION	DAY AND DATE							Total ST Hours	BASE HOURLY RATE	TYPE OF FRINGE BENEFITS Per Hour 1 through 6 (see back)	GROSS PAY FOR ALL WORK PERFORMED THIS WEEK	TOTAL DEDUCTIONS				GROSS PAY FOR THIS PREVAILING RATE JOB	CHECK # AND NET PAY																							
				S	M	T	W	TH	F	S					FICA	WITH- HOLDING	WITH- HOLDING	OTHER																									
			Trade License Type & Number OR OSHA 10 Certification Number	HOURS WORKED EACH DAY							Total O/T Hours	TOTAL FRINGE BENEFIT PLAN CASH																															
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*IF REQUIRED

Revised: March 12, 2008

Informational Bulletin


Occupational Classifications

The Connecticut Department of Labor has the responsibility to properly determine "job classification" on prevailing wage projects covered under C.G.S. Section 31-53.

✓Note: This information is intended to provide a sample of some occupational classifications for guidance purposes only. It is not an all-inclusive list of each occupation's duties. This list is being provided only to highlight some areas where a contractor may be unclear regarding the proper classification.

On any construction project, an assortment of workers are needed to carry out all of the required tasks. Employees include various skilled crafts people, machine operators, general laborers, and apprentices. Prevailing wage rate schedules identify the classes of workers likely to be employed on each of the four types of construction projects. (If a contractor wants to use a class of worker not listed in a wage determination, there is a process for requesting the U.S. Department of Labor to establish a prevailing wage rate for that additional classification). (Contact U.S. Department of Labor at 202.693.0062 or 215.861.5800)

A registered apprentice is not a separate prevailing wage job classification. Apprentices are paid a percentage of the base rate received by the craft that they are training to become and the full fringe rate. This percentage increases in steps, as the apprentice advances through the stages of the apprenticeship process.

 Any questions regarding the proper classification should be directed to the Contract Compliance Unit, Wage and Workplace Standards Division, Connecticut Department of Labor, 200 Folly Brook Blvd, Wethersfield, CT 06109 at 860.263.6543.

Below are additional clarifications of specific job duties performed for certain classifications:

⇒ ASBESTOS WORKERS/INSULATORS:

- ▶ Handle, install, apply, fabricate, distribute, prepare, alter, repair, or dismantle heat and frost insulation, including penetration and fire stopping work on all penetration fire stop systems.

⇒ BOILERMAKERS:

- ▶ Erects hydro plants, incomplete vessels, steel stacks, storage tanks for water, fuel, etc. Builds incomplete boilers, repairs heat exchanges and steam generators.

⇒ BRICKLAYERS, CEMENT MASONS, CEMENT FINISHERS, MARBLE MASONS, PLASTERERS, STONE MASONS, PLASTERERS, STONE MASONS, TERRAZZO WORKERS, TILE SETTERS:

- ▶ Lays building materials such as brick, structural tile and concrete cinder, glass, gypsum, terra cotta block. Cuts, tools and sets marble, sets stone, finishes concrete, applies decorative steel, aluminum and plastic tile, applies cements, sand, pigment and marble chips to floors, stairways, etc.

⇒ CARPENTERS, MILLWRIGHTS, PILEDRIVERMEN, LATHERS, RESILIENT FLOOR LAYERS, DOCK BUILDERS, DIVERS, DIVER TENDERS:

- ▶ Constructs, erects, installs and repairs structures and fixtures of wood, plywood and wallboard. Installs, assembles, dismantles, moves industrial machinery. Drives piling into ground to provide foundations for structures such as buildings and bridges, retaining walls for earth embankments, such as cofferdams. Fastens wooden, metal or rockboard lath to walls, ceilings and partitions of buildings, acoustical tile layer, concrete form builder. Applies firestopping materials on fire resistive joint systems only. Installation of curtain/window walls only where attached to wood or metal studs.
- ▶ Assembly and installation of modular furniture/furniture systems.
[New] a. Free-standing furniture is not covered. This includes: student chairs, study top desks, book box desks, computer furniture, dictionary stand, atlas stand, wood shelving, two- position information access station, file cabinets, storage cabinets, tables, etc.

⇒ CLEANING LABORER:

- ▶ The clean up of any construction debris and the general cleaning, including sweeping, wash down, mopping, wiping of the construction facility, washing, polishing, dusting, etc., prior to the issuance of a certificate of occupancy falls under the *Labor classification*.

⇒DELIVERY PERSONNEL:

- ▶ If delivery of supplies/building materials is to one common point and stockpiled there, prevailing wages are not required. If the delivery personnel are involved in the distribution of the material to multiple locations within the construction site then they would have to be paid prevailing wages for the type of work performed: laborer, equipment operator, electrician, ironworker, plumber, etc.
- ▶ An example of this would be where delivery of drywall is made to a building and the delivery personnel distribute the drywall from one "stockpile" location to further sub-locations on each floor. Distribution of material around a construction site is the job of a laborer/tradesman and not a delivery personnel.

⇒ELECTRICIANS:

- ▶ Install, erect, maintenance, alteration or repair of any wire, cable, conduit, etc., which generates, transforms, transmits or uses electrical energy for light, heat, power or other purposes. ***License required per Connecticut General Statutes: E-1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9.**

⇒ELEVATOR CONSTRUCTORS:

- ▶ Install, erect, maintenance and repair of all types of elevators, escalators, dumb waiters and moving walks. ***License required by Connecticut General Statutes: R-1,2,5,6.**

⇒FORK LIFT OPERATOR:

- ▶ Laborers Group 4) Mason Tenders - operates forklift solely to assist a mason to a maximum height of nine (9) feet only.
- ▶ Power Equipment Operator Group 9 - operates forklift to assist any trade, and to assist a mason to a height over nine (9) feet.

⇒GLAZIERS: [updated]

- ▶ Installs light metal sash, head sills, and 2-story aluminum commercial storefronts.

⇒IRONWORKERS:

- ▶ Handling, sorting, and installation of reinforcing steel (rebar).
- ▶ Installation of aluminum window walls and curtain walls.
- ▶ Metal bridge rail (traffic), metal bridge handrail, and decorative security fence installation.
- ▶ Installation of handrails, stairs, and platforms installed on Wastewater Treatment Plant projects. [new]

⇒INSULATOR:

- ▶ Installing fire stopping systems/materials for "Penetration Firestop Systems": transit to cables, electrical conduits, insulated pipes, sprinkler pipe penetrations, ductwork behind radiation, electrical cable trays, fire rated pipe penetrations, natural polypropylene, HVAC ducts, plumbing bare metal, telephone and communication wires, and boiler room ceilings. Past practice using the applicable licensed trades, Plumber, Sheet Metal, Sprinkler Fitter, and Electrician, is not inconsistent with the Insulator classification and would be permitted.

⇒LEAD PAINT REMOVAL:

- ▶ Painter Rate -
 - 1) Removal of lead paint from bridges.
 - 2) Removal of lead paint as preparation of any surface to be repainted.
 - 3) Where removal is on a *Demolition* project prior to reconstruction.
- ▶ Laborer Rate-
 - 1) Removal of lead paint from any surface *NOT* to be repainted.
 - 2) Where removal is on a *TOTAL* Demolition project only.

⇒LABORERS:

- ▶ Acetylene burners, asphalt rakers, chain saw operators, concrete and power buggy operator, concrete saw operator, fence and guard rail erector, hand operated concrete vibrator operator, mason tenders, pipelayers (installation of water, storm drainage or sewage lines outside of the building line with P6, P7 license), pneumatic drill operator, pneumatic gas and electric drill operator, powermen and wagon drill operator, air track operator, block paver, curb setters, blasters, concrete spreaders.

⇒PAINTERS:

- ▶ Maintenance, preparation, cleaning, blasting (water and sand, etc.), painting or application of any protective coatings of every description on all bridges and appurtenances of highways, roadways, and railroads. Painting, decorating, hardwood finishing, paper hanging, sign writing, scenic art work and drywall finishing for any and all types of building and residential work.

⇒PLUMBERS AND PIPEFITTERS:

- ▶ Installation, repair, replacement, alteration or maintenance of all plumbing, heating, cooling and piping. ***License required per Connecticut General Statutes: P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2. S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4.**

⇒POWER EQUIPMENT OPERATORS:

- ▶ Operates several types of power construction equipment such as compressors, pumps, hoists, derricks, cranes, shovels, tractors, scrapers or motor graders, etc. Repairs and maintains equipment. ***License required, crane operators only, per Connecticut General Statutes.**

⇒**ROOFERS:**

- ▶ Preparation of surface, tear-off and/or removal of any type of roofing, and/or clean-up of any areas where a roof is to be relaid.

⇒**SHEET METAL WORKER:**

- ▶ Fabrication, handling, assembling, erecting, altering, repairing, etc. of coated metal material panels and composite metal material panels when used on building exteriors and interiors as soffits, fascia, louvers, partitions, wall panel siding, canopies, cornice, column covers, awnings, beam covers, cladding, sun shades, lighting troughs, spires, ornamental roofing, metal ceilings, mansards, copings, ornamental and ventilation hoods, vertical and horizontal siding panels, trim, etc. The sheet metal classification also applies to the vast variety of coated metal material panels and composite metal material panels that have evolved over the years as an alternative to conventional ferrous and non-ferrous metals like steel, iron, tin, copper, brass, bronze, aluminum, etc. Insulated metal and insulated composite panels are still installed by the Iron Worker. Fabrication, handling, assembling, erecting, altering, repairing, etc. of architectural metal roof, standing seam roof, composite metal roof, metal and composite bathroom/toilet partitions, aluminum gutters, metal and composite lockers and shelving, kitchen equipment, and walk-in coolers.

⇒**SPRINKLER FITTERS:**

Installation, alteration, maintenance and repair of fire protection sprinkler systems. ***License required per Connecticut General Statutes: F-1,2,3,4.**

⇒**TILE, MARBLE AND TERRAZZO FINISHERS:**

Assists and tends the tile setter, marble mason and terrazzo worker in the performance of their duties.

⇒**TRUCK DRIVERS:**

- ▶ Truck Drivers delivering asphalt are covered under prevailing wage while on the site and directly involved in the paving operation.
- ▶ Material men and deliverymen are not covered under prevailing wage as long as they are not directly involved in the construction process. If, they unload the material, they would then be covered by prevailing wage for the classification they are performing work in: laborer, equipment operator, etc.
- ▶ Hauling material off site is not covered provided they are not dumping it at a location outlined above.
- ▶ Driving a truck on site and moving equipment or materials on site would be considered covered work, as this is part of the construction process.

CONNECTICUT DEPARTMENT OF LABOR
Wage and Workplace Standards Division

FOOTNOTES

Please Note: If the "Benefits" listed on the schedule for the following occupations includes a letter(s) (+ a or + a+b for instance), refer to the information below.

Benefits to be paid at the appropriate prevailing wage rate for the listed occupation.

If the "Benefits" section for the occupation lists only a dollar amount, disregard the information below.

Bricklayers, Cement Masons, Cement Finishers, Plasters, Stone Masons
(Building Construction)

(Residential- Hartford, Middlesex, New Haven, New London and Tolland Counties)

- a. Paid Holiday: Employees shall receive 4 hours for Christmas Eve holiday provided the employee works the regularly scheduled day before and after the holiday. Employers may schedule work on Christmas Eve and employees shall receive pay for actual hours worked in addition to holiday pay.

Bricklayer (Residential- Fairfield County)

- a. Paid Holiday: If an employee works on Christmas Eve until noon he shall be paid for 8 hours.

Electricians

Fairfield County: West of the Five Mile River in Norwalk

- a. \$2.00 per hour not to exceed \$14.00 per day.

Elevator Constructors: Mechanics

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, plus the Friday after Thanksgiving.
- b. Vacation: Employer contributes 8% of basic hourly rate for 5 years or more of service or 6% of basic hourly rate for 6 months to 5 years of service as vacation pay credit.

Glaziers

- a. Paid Holidays: Labor Day and Christmas Day.

Power Equipment Operators

(Heavy and Highway Construction & Building Construction)

- a. Paid Holidays: New Year's Day, Good Friday, Memorial day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, provided the employee works 3 days during the week in which the holiday falls, if scheduled, and if scheduled, the working day before and the working day after the holiday. Holidays falling on Saturday may be observed on Saturday, or if the employer so elects, on the preceding Friday.

Ironworkers

- a. Paid Holiday: Labor Day provided employee has been on the payroll for the 5 consecutive workdays prior to Labor Day.

Laborers (Tunnel Construction)

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. No employee shall be eligible for holiday pay when he fails, without cause, to work the regular workday preceding the holiday or the regular workday following the holiday.

Roofers

- a. Paid Holidays: July 4th, Labor Day, and Christmas Day provided the employee is employed 15 days prior to the holiday.

Sprinkler Fitters

- a. Paid Holidays: Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day, provided the employee has been in the employment of a contractor 20 working days prior to any such paid holiday.

Truck Drivers

(Heavy and Highway Construction & Building Construction)

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas day, and Good Friday, provided the employee has at least 31 calendar days of service and works the last scheduled day before and the first scheduled day after the holiday, unless excused.



City of New London

Department of Finance-Purchasing Agent
13 Masonic Street • New London, CT 06320 • Phone (860) 447-5215 • Fax (860) 447-5297

Invitation for Bids *Specifications and Proposal Documents Attached*

Bid No.: 2009-05

Opening Date and Time: November 3, 2008 at 2:00 P.M.

Title: Installation and Warranty Maintenance of One (1) Passenger Elevator System in an Existing Hoistway Space at the Water Street Parking Garage

Special Instructions: A **mandatory** pre-bid meeting will be held on Thursday, October 16, 2008 at 10:00 A.M. All interested parties are to meet in the manager's office at the Water Street Parking Garage, 160 Water Street, New London, CT. Late arrivals (more than fifteen (15) minutes after the start of the meeting) will not be given credit for attendance at the pre-bid meeting and will not be allowed to submit a bid for this project.

The following information must appear in the lower left hand corner of the envelope:

Sealed Bid No.: **2009-05**

Not to be opened until **November 3, 2008 at 2:00 P.M.**

Return Bid to:

William R. Hathaway, Purchasing Agent
City of New London
13 Masonic Street
New London, CT 06320

Bids shall not be accepted after the Opening Date and Time indicated above.



City of New London

Department of Finance-Purchasing Agent

13 Masonic Street • New London, CT 06320 • Phone (860) 447-5215 • Fax (860) 447-5297

Standard Invitation for Bids (IFB) and Contract Terms and Conditions

All Invitations for Bids issued by the City of New London (City) will bind Bidders to the terms and conditions listed below, unless specified otherwise in any individual Invitation for Bids.

Incorporated by reference into this contract are the provisions of Section 2-66 through 2-71 of the Code of Ordinances of the City of New London.

The contractor agrees to comply with the Code of Ordinances as they exist on the date of the contract and as they may be adopted or amended from time to time during the term of this contract and any amendments thereto.

Submission of Bids

1. Bids must be submitted on forms supplied by the City of New London. Telephone, facsimile or e-mail bids will not be accepted in response to an Invitation for Bids. An original and one (1) copy of the Proposal Form shall be returned to the Purchasing Agent.
2. The date and time bids are to be opened are given in each Invitation for Bids issued. Bids received after the specified date and time of the bid opening given in each Invitation for Bids will not be considered. Bid envelopes must clearly indicate the bid number as well as the date and time of the bid opening. The name and address of the bidder should appear in the upper left-hand corner of the envelope.
3. Incomplete proposal forms may result in the rejection of the bid. Amendments to bids received by the Purchasing Agent after the date and time specified for the bid opening shall not be considered. Bids shall be computer prepared, typewritten or handwritten in ink. Bids submitted in pencil shall be rejected. A person duly authorized to sign bids for the bidder shall sign all bids. Unsigned bids shall be rejected. The person signing the Proposal Form or their authorized designee must initial errors, alterations or corrections on both the original and copy of the Proposal Form to be returned. In the event an authorized designee initials a correction, there must be written authorization from the person signing the Proposal Form to the person initialing the erasure, alterations or corrections. Failure to do so shall result in rejection of the bid for those items erased, altered or corrected and not initialed.
4. Conditional bids are subject to rejection in whole or in part. A conditional bid is defined as one that limits, modifies, expands or supplements any of the terms and conditions and/or specifications of the Invitation for Bids.
5. Alternate bids will not be considered. An alternate bid is defined as one that is submitted in addition to the bidder's primary response to the Invitation for Bids.
6. Prices should be extended in decimal, not fraction, to be net and shall include delivery and transportation charges fully prepaid by the Contractor to the destination specified in the Invitation for Bids and subject only to cash discount.
7. Pursuant to Sections 12-412 and 12-412(1) of the Connecticut General Statutes, the City of New London is exempt from the payment of excise, transportation and sales taxes imposed by the Federal Government and/or the State. Such taxes must not be included in the bid prices.
8. In the event of a discrepancy between the unit price and the extension, the unit price shall govern.
9. By its submission the Bidder represents that the bid is not made in connection with any other Bidder submitting a bid for the same commodity or commodities and is in all respects fair and without collusion or fraud.

Standard Invitation for Bids (IFB) and Contract Terms and Conditions (con't)

10. All bids will be opened and read publicly and upon award are subject to public inspection.

Guaranty or Surety

11. Bid bonds, performance bonds, and labor and material bonds will be required as specified below. Guaranty or surety may be in the form of certified check. Bonds must meet the following requirements: Corporation – must be signed by an official of the corporation above their official title and the corporate seal must be affixed over the signature; Firm or Partnership - must be signed by all of the partners and indicate they are "doing business as"; Individual – must be signed by the owner and indicated as "Owner". The surety company executing the bond or countersigning must be licensed in Connecticut and an official of the surety company must sign the bond with the corporate seal affixed over the signature. Signatures of two (2) witnesses for both the principal and the surety must appear on the bond. Power of attorney for the official signing the bond for the surety company must be submitted with the bond.

Bid Bond – Ten percent (10%) due at time of bid for all contract services and public works/construction projects that exceed twenty thousand dollars (\$20,000.00)

Performance Bond – One hundred percent (100%) of contract price for projects that exceed fifty thousand dollars (\$50,000.00).

Labor and Material Payment Bonds – One hundred percent (100%) of contract price for projects that exceed fifty thousand dollars (\$50,000.00).

Award

12. Award of this contract will be made to the lowest responsible bidder and will be based on net cost and City specifications. The City of New London reserves the right to award this contract to other than the low proposer and to make multiple awards if deemed in the best interest of the City.
13. The City of New London allows a fifteen percent (15%) local vendor preference. A New London based business will be considered the lowest responsible bidder if its bid is within fifteen percent (15%) of the low bid and it is willing to accept the award at the low bid price. Any bidder claiming to be a New London based business must provide documentation that all of its motor vehicles are registered in New London and that payment of all of its property and motor vehicle taxes are current.
14. The City of New London may reject any bidder in default of any prior contract or guilty of misrepresentation or any bidder with a member of its firm in default or guilty of misrepresentation.
15. The Purchasing Agent may correct inaccurate awards resulting from clerical or administrative errors.

Other Requirements

16. All contractors for construction projects which utilize apprenticeship trades or occupations in the performance of contracts are subject to the following requirements:
- The contractor shall be affiliated with a State certified apprenticeship program for each apprenticeship trade or occupation represented in its workforce.
 - A minimum of ten (10) percent of the workforce by trade employed by contractors on projects covered by prevailing wage dollar thresholds shall be apprentices and, of this number, a minimum of fifty (50) percent shall be in the first year of apprenticeship training.
 - The contractor or subcontractor must show proof of participation in a State certified apprenticeship program prior to being awarded any contracts.
 - For projects covered by this ordinance, the town has an employment preference goal for construction jobs offered to local residents on prevailing wage projects with thresholds greater than \$100,000 for renovation projects and \$400,000 for new construction. With respect to work covered by this ordinance it is understood that contractors shall make a good faith effort to employ a workforce comprised of twenty-five (25) percent local resident of New London County, CT, with City of New

Standard Invitation for Bids (IFB) and Contract Terms and Conditions (con't)

London residents getting a priority representing fifty (50) percent of said participation, which will include twenty-five (25) percent female and minority.

Contract

17. The existence of a contract shall be determined in accordance with the requirements set forth above.
18. The Contractor shall not assign or otherwise dispose its contract or its right, title or interest, or its power to execute such contract to any other person, firm or corporation without the prior written consent of the City of New London.
19. Failure of a Contractor to deliver commodities or perform services as specified will constitute authority for the City of New London to purchase these commodities or services on the open market. The contractor agrees to promptly reimburse the City of New London for excess cost of these purchases. The purchases will be deducted from the contracted quantities.
20. The Contractor agrees to hold the City of New London harmless from liability of any kind for the use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention furnished or used in the performance of the Contract; Guarantee its products against defective material or workmanship; repair damages of any kind, for which it is responsible to the premises or equipment, to its own work or to the work of other contractors; obtain and pay for all licenses, permits, fees etc., and to give all notices and comply with all requirements of the City of New London, the State of Connecticut and the U.S. Government.
21. Insurance requirements generally apply to contract services, professional services and public works improvement/construction projects. The Contractor will carry commercial general liability insurance to protect the City of New London from loss. The following minimum limits shall be met:

Bodily Injury and Property Damage – One million dollars (\$1,000,000.00) each occurrence; two million dollars (\$2,000,000.00) aggregate

Products or Completed Operations - One million dollars (\$1,000,000.00) each occurrence; two million dollars (\$2,000,000.00) aggregate

Professional Liability (Errors and Omissions) Coverage appropriate to the contractor's operations – Two million dollars (\$2,000,000.00) each occurrence

Commercial Automobile Coverage including owned, non-owned, leased and hired vehicles (if used on City of New London property) – One million dollars (\$1,000,000.00) combined single limit for each accident.

Workers' Compensation Coverage - Will be in accordance with State of Connecticut requirements at the time of bid.

Any deductible or self-insured retention must be disclosed and any claim payments falling within the deductible shall be the responsibility of the contractor.

The Contractor shall require all subcontractors to carry the same forms and minimum coverages that it is required to provide. Evidence of these coverages must be provided to the City of New London Purchasing Agent prior to the contractor or subcontractor coming onto the work site.

All insurance policies shall be endorsed to the City of New London, its officers and employees as additional insured, and shall not be reduced or cancelled without thirty (30) days prior written notice to the Purchasing Agent. In addition, the contractor's insurance shall be primary as respects the City of New London, and any other insurance maintained by the City of New London shall be excess and not contributing insurance with the contractor's insurance.

22. Notwithstanding any provision or language in this contract to the contrary, the City Manager may terminate this contract upon approval by the City Council, whenever he/she determines that such termination is in the best interest of the City of New London. Any such termination shall be effected by delivery to the Contractor of a written notice of termination. The notice of termination shall be sent by registered mail to the Contractor address furnished to the City of New London for purposes of correspondence or by hand delivery. Upon receipt of such notice, the Contractor shall both Immediately discontinue all services affected (unless the notice directs otherwise) and deliver to the City of New London all data, drawings, specifications, reports, estimates, summaries, and such other information and materials as may have been accumulated by the Contractor in performing its duties under this contract, whether completed or in progress. All such documents, information and materials shall become the property of the City of New London. In the event of such termination, the contractor shall be entitled to reasonable compensation as determined by the City Manager, however, no compensation for lost profits shall be allowed.

Delivery

23. All products and equipment delivered must be new unless otherwise stated in the proposal specifications.
23. All deliveries will be to the locations specified by the City of New London. The City of New London does not have a loading dock therefore all Contractors will be responsible for inside delivery without assistance from City of New London personnel.
24. Payment terms are net 45 days after receipt of goods or invoice, whichever is later, unless otherwise specified.
25. Charges against a Contractor shall be deducted from current obligations. Money paid to the City of New London shall be payable to the Treasurer, City of New London.

Saving Clause

26. The Contractor shall not be liable for losses or delays in the fulfillment of the terms of the contract due to wars, acts of public enemies, strikes, fires, floods, acts of God or any other acts not within the control of or reasonably prevented by the Contractor. The contractor will give written notice of the cause and probable duration of any such delay.

Advertising

27. Contractors may not reference sales to the City of New London for advertising and promotional purposes without prior approval of the City of New London.

Rights

28. The City of New London has sole and exclusive right and title to all printed material produced for the City of New London and the Contractor shall not copyright the printed matter produced under this contract.
29. The Contractor assigns to the City of New London all rights, title and interests in and to all causes of action it may have under Section 4 of the Clayton Act, 15 USC 15, or under Chapter 624 of the Connecticut General Statutes. This assignment occurs when the contractor is awarded the contract.
30. The Contractor agrees that it is in compliance with all applicable federal, state and local regulations, including but not limited to Connecticut General Statutes Section 7-148i. The Contractor also agrees that it will hold the City of New London harmless and indemnify the City of New London from any action which may arise out of any act by the Contractor concerning lack of compliance with these laws and regulations. All purchases will be in compliance with Sections 22a-194 to 22a-194g of the Connecticut General Statutes related to product packaging.
31. This contract is subject to the provisions of Executive Order Number Three of Governor Thomas J. Meskill promulgated June 16, 1971, the provision of Executive Order Number Seventeen of Governor Thomas J. Meskill promulgated February 15, 1973 and Section 16 of Public Act 91-58, nondiscrimination regarding sexual orientation, and the provisions of Executive Order No. Sixteen of Governor John G. Rowland promulgated August 4, 1999 regarding Violence in the Workplace Prevention Policy.

Specification

Installation of One (1) Passenger Elevator System In an Existing Hoistway at the Water Street Parking Garage In New London, CT

The City of New London is soliciting bids from qualified firms for the installation of one (1) passenger elevator system in an existing hoistway at the Water Street parking Garage in New London, CT. in accordance with the following specification.

GENERAL CONDITIONS

In submitting this bid, the bidder declares that they are the only firm interested in the said bid; that it is submitted without any connection with any firm making another bid for this contract; that the bid is in all respects fair and without collusion, fraud or reservation.

SUMMARY – THE INSTALLATION AND WARRANTY MAINTENANCE OF ONE (1) PASSENGER ELEVATOR INSTALLED AT WATER STREET GARAGE, 160 WATER STREET, NEW LONDON, CONNECTICUT.

1. Examination of Existing Building and Contract Documents
2. Explanations and Addenda
3. When Award is Effectual
4. Form of Bid
5. Bid Guarantee / Bonding
6. Bidder's Responsibility
7. Laws and Permits
8. Purpose
9. Definitions
10. Codes / Standards
11. Provisions for the Disabled
12. Storage at Site
13. Inspections
14. Guarantee
15. Site Survey
16. Schedule
17. Protection of Persons and Property
18. Quality of Material
19. Material Information
20. Painting
21. Electrical Design and Wiring Requirements
22. Sales and Use Taxes (New London Parking Authority is a Tax Exempt Entity).
23. Workmanship
24. Removal of Existing Equipment

- 25. Subcontracted Operations
- 26. Building Responsibilities
- 27. Final Inspection
- 28. Final Clean-up
- 29. Interim and Warranty Maintenance

1. EXAMINATION OF EXISTING BUILDING CONTRACT DOCUMENTS

Each Bidder is under an affirmative duty to inform itself by personal examination of the specifications and location of the proposed work and by such other means as it may select, of the character, quality, and extent of work to be performed and the conditions under which the contract is to be executed.

Each Bidder shall examine qualifications, and all other data or instructions pertaining to the work. No pleas of ignorance of conditions that exist, or of difficulties or conditions that may be encountered or of any other matter concerning the work to be performed in the execution of the work will be accepted by the Owner as an excuse for any failure or omission on the part of the Bidder to fulfill every detail of all the requirements of the documents governing the work. The Bidder, if awarded the contract, will not be entitled to any extra compensation by reason of any matter or thing concerning which such Bidder might have fully informed themselves of prior to bidding.

2. EXPLANATIONS AND ADDENDA

Any Bidder in doubt as to the true meaning of any part of the specifications or the proposed contract documents shall submit to the Owner a written request for an interpretation thereof. If a major change is involved on which all Bidders must be informed such a request for interpretation shall be delivered to the Owner at least seven (7) days prior to Bid openings. Any interpretation of the proposed documents will be made only by an addendum duly issued. A copy of such addenda will be mailed or delivered to each Bidder.

Any addendum issued during the time of bidding shall be included in bids, and in closing a contract will become part thereof.

Any verbal information obtained from or statements made by representatives of the Owner at the time of examination of the documents or site shall not be construed as in any way amending contract documents. Only such corrections or addenda as are issued in writing to all Bidders shall become part of the contract. The Owner will not be responsible for verbal instructions.

3. WHEN AWARD IS EFFECTUAL

The work shall be commenced and shall be actually undertaken within such time as the Owner or their Authorized Representative may direct by notice, whether by mail or other written means.

4. FORM OF BID

All bids shall be submitted in duplicate on the Elevator Bid Form included in the Bid documents.

5. BID GUARANTEE / BONDING

Each bidder will be required to submit with its bid a bid guarantee equivalent to ten percent (10%) of the amount of the bid. The bid guarantee may be a certified check or bank draft, payable to the Parking Authority of the City of New London, U.S. Government Bonds at par value. If a bid guarantee is not submitted with the bid, the City shall reject the bid at the time of the bid opening. The awarded contractor will be required to submit a performance and payment bond for 100% of the contract price or a 20% cash escrow or 25% irrevocable letter of credit.

6. BIDDER'S RESPONSIBILITY

Bidder will be held to have carefully and diligently examined the existing building and elevator plant and to have made all necessary investigations, to inform themselves thoroughly and fully as to the facilities for delivery of materials and equipment, and with space floor loading limitations affecting delivery of equipment to, and to have informed themselves fully as to all difficulties that may be encountered in complete execution of all work.

No consideration or allowance will be granted for failure to visit the site or for any alleged misunderstanding of materials to be furnished, or work to be done and executed, it being that tender of a proposal carries with it agreement to all items and conditions referred to herein.

7. LAWS AND PERMITS

Contractor shall comply with all Federal, State and Local Municipal Laws and Ordinances, prepare all documents, give all notices, pay all fees, secure all permits, conduct all tests and inspections, and obtain all approvals from agencies having jurisdiction, including but not limited to the Connecticut Department of Buildings Elevator Division and Electrical Authorities. Prior to commencement of work, copies of all required filings and approvals shall be furnished to the Owner.

All work and materials shall be in full accordance with the rules of all other departments having jurisdiction.

The Contractor shall immediately inform the Owner of any work or materials which violate any of the above laws and regulations, and all work done by the Contractor causing such violations shall be corrected by the Contractor at his own expense.

8. PURPOSE

The intent of these specifications is to provide a strict guide to the Elevator Contractor for the installation and warranty maintenance of one (1) Passenger Elevator.

All work is to be accomplished in a professional manner utilizing the best possible materials. The Contractor shall perform all operations as indicated on drawings, or specified herein, and in accordance with the requirements of the contract documents. Cutting and patching as a result of the elevator work is the responsibility of the Elevator Contractor.

This specification will direct the Elevator Contractor to provide all Labor, Material, Equipment, Tools, Supplies and Supervision required to improve the performance of each elevator and establish a modern, state of the art, safe, flexible and responsive vertical transportation network.

It is the intention of this specification to outline broadly the equipment required and establish performance criteria but not to cover the details of design and construction. Such details are the responsibility of the Contractor.

Once quotation has been bid, and accepted, no additional costs will be allowed for work, as outlined in this specification.

Where a device is referred in the singular number, it is intended that such reference shall apply to as many such devices as are required to obtain the precise effect and product from the completed installation.

9. DEFINITIONS

The terms used herein are defined as follows:

- A. "Owner" shall mean the City of New London, 181 State Street, New London, CT 06320
- B. "Consultant" shall mean the firm of Sterling Elevator Consultants, LLC; 471 Bushy Hill Road; Simsbury, CT 06070. Telephone (860) 674-1919, Fax (860) 674-1920.
- C. "Contractor" shall mean the person, firm, entity or corporation named in the Contractor Documents who will execute the work. It shall include all his employees, subcontractors and suppliers.

- D. "Work" shall mean the services, materials, labor and all other equipment required for complete and proper installation by the Contractor.
- E. "Approved", "Accepted", "Reviewed" or similar terms as applied to materials, products and workmanship shall mean that acceptance or review by the Consultant is required.
- F. "Directed", "Requested", "Selected" and similar terms shall mean that the Consultant shall direct, request and select.
- G. "Satisfactory" or similar terms shall mean to the satisfaction of the Consultant.
- H. "Provide" shall mean to supply, install and connect complete and ready for safe and regular operation particular work referred to unless specifically indicated otherwise by the Consultant.
- I. "Install" shall mean to erect, mount and connect complete with related accessories.
- J. "Supply" or "Furnish" shall mean to purchase, procure, acquire and deliver complete with related accessories.
- K. "Wiring" shall mean conduit, fittings, wire, junction and outlet boxes, switches, cutouts, receptacles and related items.
- L. "Concealed" shall mean in masonry or other construction, installed in furred spaces, within double partitions or hung ceilings, in trenches, in crawl spaces or enclosures.
- M. "Exposed" shall mean not installed underground or "Concealed" as defined above.
- N. "Current issues" or "Current editions" as applied to Reference Standards and Governing Codes shall mean the latest published issue or edition available during the bidding period.
- O. "Best", "First-class" or similar terms as applied to materials, products and workmanship shall mean that, in the Consultant's opinion, there are no superior qualities of materials or products on the market, and there is no better class of workmanship.
- P. "Substantial Completion" or "Beneficial Use" shall mean that the progress of the Work, or any portion of the Work, is sufficiently complete in accordance with the Contract Documents, and as reviewed by the Consultant, so that the Owner can utilize the Work for its intended purposes.
- Q. "Notice-to-Proceed" shall mean a written document from the Owner allowing the Contractor to commence only that portion of the Work started in the written document.

10. CODES/STANDARDS

Except as modified by governing codes, new work shall comply with provisions of the following, and in the event of conflict between standards, the Consultant's determination shall be final:

- A. ANSI A17.1 American National Standards Institute Safety Code for Elevators and Escalators
- B. ANSI A17.2 American National Standards Institute – Guide for the Inspection of Elevators, Escalators and Moving Walks
- C. ANSI A17.3 American National Standards Institute - Safety Code for Existing Elevators And Escalators
- D. ANSI A117.1 American National Standards Institute – Standard on Accessible and Usable Buildings and Facilities

E.	ANSI/ASTM A446	Steel Sheet, Zinc Coated (Galvanized) by the Hot-Dip Process, Structural (Physical) Quality
F.	ANSI/ASTM B221	Standard Specifications for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles and Tubes
G.	ANSI/AWS D1.1	Structural Welding Code, Steel
H.	ANSI/IEEE C2	National Electrical Safety Code
I.	ANSI/NFPA 80	Fire Doors and Fire Windows
J.	ANSI/UL 10B	Fire Tests of Door Assemblies
K.	APA	American Plywood Association
L.	ASTM A36	Structural Steel
M.	ASTM A167	Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet and Strip
N.	FS TT-P-641	Primer Coating, Zinc Dust/Zinc Oxide (for Galvanized Surfaces)
O.	FS TT-P-645	Primer, Paint, Zinc Chromate, Alkyd Type
P.	NEMA LD-3	High Pressure Decorative Laminates
Q.	OSHA	Occupational Safety and Health Administration

11. PROVISIONS FOR THE DISABLED

The elevator equipment being provided shall be designed and installed to be in full compliance with the applicable ADA standards / codes in effect as of the date of this specification which include, but are not limited to the following:

1. ADAAG 4.10Elevators
2. ANSI A117.1 4.10 Elevators
3. UFAS 4.10 Elevators
4. NEII HANDICAPPED STANDARD -New Elevators

12. STORAGE AT SITE

Available storage space, for the stockpiling of equipment necessary for this project only, shall be offered to the Contractor by the Owner. Any such material stored at this job site by the Contractor will be left at their own risk. The Owner shall not be responsible to the Contractor for loss or damage to material, equipment or tools for any cause whatsoever. Contractor is to carry their own fire, theft or casualty insurance to cover this material, as they see fit.

13. INSPECTIONS

The Owner, their Legal Representatives and the Elevator Consultant reserve the right to inspect the progress and quality of the work at any time to insure complete compliance with the specifications and other contract documents. The Contractor shall provide the manpower necessary to assist the Owner and/or the Elevator Consultant during such inspections.

The Owner and/or the Elevator Consultant shall prepare and submit to the Contractor inspection reports as needed. Any deficiencies noted during such inspections will be the subject of a written report to the Contractor, outlining the unsatisfactory areas and stipulating a reasonable time to correct the problems. Final payment of all retained monies shall be subject to a satisfactory inspection of the completed installation by the Owner, their representatives, and all applicable governing bodies.

14. GUARANTEE

The Contractor shall guarantee that the materials and workmanship installed, refurbished, and repaired under this contract shall be free of all faults, imperfections, flaws, and damage in every respect. The Contractor also assures and warrants that they will make good any Defect, which may develop within one (1) year from the date of final acceptance of the completed installation. Such guarantee shall be delivered in writing, to the Owner, before final payment will be made. Neither final payment nor any provision of the contract documents shall relieve the Contractor of their responsibility to remedy faulty materials or workmanship and to pay all expenses for damages to other work resulting therefrom.

“Defect” is hereby defined to include, but not by way of limitation, operation or control system failures, performances below required minimums, excessive wear, unusual deterioration or aging of materials or finishes, unsafe conditions, the

need for excessive maintenance, abnormal noise or vibration, and similar unusual, unexpected and unsatisfactory conditions.

15. SITE SURVEY

It is the responsibility of the Contractor to visit the job site prior to submission of a bid, to verify that clearances and other conditions are such that he can complete the installation legally and as specified. He shall carefully and thoroughly examine the buildings and make all required and necessary investigations to inform themselves fully as to the facilities for delivering materials and equipment.

The Contractor, at the time of the submittal of their proposal, shall list all qualifications, clarifications, and exceptions that they deem, may affect the proper and orderly sequence of operation, the ultimate product and final result, or the method and disposition to evaluate and respond.

The submission of a bid will be construed to mean that such a survey has been made and the Contractor is satisfied that the installation can be discharged, carried out, and conducted as specified. No claims for extra work will be entertained by the Owner because of the Contractor’s failure to perform a thorough site survey.

16. SCHEDULE

The Contractor shall state, and detail, the length of time, in terms of weeks, a schedule covering:

- A. Preparation and submission of drawings, details and layouts, including contract ordering after authorization and award of contract.
- B. Manufacture and/or purchase of the major components necessary to begin the work after receipt of approved drawings.
- C. Complete installation of all material, timing and testing of each elevator.

17. PROTECTION OF PERSONS AND PROPERTY

The Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work. Responsibility to protect and prevent damage to property during removal, relocation or replacement actions rests solely with the Contractor. The Contractor shall restore to its original condition without extra cost to the Owner, property that shall be damaged due to the negligence of any employees, agents or subcontractors of

the Contractor. Such repairs shall meet the requirements of the Owner or their representatives. Take proper care and protect all finished work by substantial covering until accepted by the Owner or their representatives.

18. QUALITY OF MATERIAL

Material must be new, best or of their respective kind and free from all defects. Materials and equipment of similar application must be of the same manufacturer. All materials, equipment and installation must be approved by the Owner or their representatives.

19. MATERIAL INFORMATION

The following literature and data, upon approval of the equipment to be renewed and renovated, must be submitted and delivered to the Owner or their representatives.

- A. Manufacturer's Model or Catalog Number.
- B. Indication of performance data, construction material and finishes and modifications.
- C. Locations of termination points for all external wiring.
- D. Descriptive literature for all components and operating instructions.
- E. Service manual and spare parts list.
- F. Three (3) sets of complete "as built" field wiring diagrams, showing all electrical circuits in the hoistways and machine rooms.
- G. Provide Service Diagnostic Tool if not incorporated into system.
- H. Field test reports after completion of elevator operations.

20. PAINTING

All exposed metal work furnished under these specifications, except otherwise specified, shall be properly painted by the Contractor.

Apply a coat of rust inhibiting paint either in the field or at the factory, to all exposed ferrous metal surfaces of controller cabinets, brackets and other similar components supplied under this contract. After installation and final cleaning, a high-grade enamel using a minimum of one coat of primer and two finishing coats of paint shall be applied unless performed in the factory. Field paint or factory plate, wiring ducts, switch boxes, signal boxes, junction boxes, terminal boxes, rigid and flexible conduit, metal tubing wire troughs and all brackets that support these fixtures and supplied under this contract.

All ferrous metal surfaces which will be concealed in the completed work shall receive a factory applied primer and finish coat of rust inhibiting paint.

21. ELECTRICAL DESIGN AND WIRING REQUIREMENTS

- A. All new wiring, to be installed in conjunction with this modernization, shall comply with all regulations and codes itemized in the Connecticut and National Electrical Codes and carry approval of Underwriters Laboratory. This wiring shall be enclosed in rigid standard weight or thin-wall conduit with steel splice boxes or metal wiring troughs, except that flexible conduit may be used in short runs, between terminals not exceeding 24 inches. Flexible conduit shall not be used where subject to moisture or embedded in concrete.
- B. Run all wire between terminal blocks including spares and shielded cable. Check for continuity and ground. Ensure that connectors or terminal strips used maintain the proper grounding continuity and minimize signal deterioration. Make no splices. Use color codes in multi-conductor cable. Identify all connections at terminal

blocks with waterproof labels. Provide legible waterproof lists of color codes and identities for all field wiring. Make entries in a bound consecutively numbered journal and attach to each controller.

22. SALES AND USE TAXES – THE CITY OF NEW LONDON IS A TAX-EXEMPT ENTITY.

- A. All bids for work to be done and materials and equipment to be furnished on the job are to include all local, state, federal and occupational taxes, sales taxes, luxury taxes, excise taxes, federal and state retirement pensions and unemployment insurance contributions, and any other similar taxes and contributions in effect at the time of the signing the contract.
- B. The elevator contractor is liable for the aforementioned taxes whether or not specifically mentioned in their bid or the final contract document. In the event additional sales or use taxes are imposed after the signing of the contract, same to become due on consummation of the contract, these are to be paid in addition to the original contract amount by the owner to the elevator contractor. If any of the above mentioned taxes or contributions in effect at the time of the signing of the contract should be revoked before consummation of the contract, the elevator contractor shall rebate to the owner the amount of the taxes included in the original contract.
- C. Where demanded by law, the amount of the tax is to be specifically stated in the contractor's proposal, but failure to do so will not relieve the elevator contractor from responsibility for assumption of these taxes.

23. WORKMANSHIP

The Contractor must demonstrate that they have the facilities and organization to properly, and diligently fulfill all the services, conditions and requirements of the specifications. The Contractor must show that they have actively and normally maintained this organization capable of performing modernizations, rehabilitations, repairs and replacements, of equipment, hereinafter described, in continuous operation for at least one (1) year.

The Contractor will perform all work with skilled, competent, trained mechanics and elevator technicians under the direct control and supervision of the Contractor.

All equipment shall be installed in strict accordance with the manufacturer's written instructions, applicable codes and standards to provide a smooth and quiet product, free from all defects, flaws, imperfections, oscillations and vibrations. Install equipment, such that, access for maintenance is safe and readily available, and that major components may be removed using conventional means.

Keep the premises clean and orderly during the progress of work. Remove all debris as fast as it accumulates. Maintain the cab, entrances, hoistway and machine room free of dirt, oil and grease.

If the work falls behind schedule, provide extra personnel as required to meet the schedule.

24. REMOVAL OF EXISTING EQUIPMENT

All material not being re-used and requiring disposal shall become the property and responsibility of the Contractor. This superseded material shall be stored in an orderly fashion and removed in a timely manner.

25. SUB-CONTRACTED OPERATIONS

The following related work shall be performed by others, but the contractor shall be responsible for sub-contracting the work of other trades to avoid project delays.

- 1. Should operation of the elevator be required on emergency power, others are to provide an emergency power unit and means for starting it, and deliver to the elevator disconnect switch in the machine room, sufficient power to operate the elevator at fully rated speed. Provide a transfer switch for each feeder for switching from normal power to emergency power, and a contact on each transfer switch closed on normal power supply with two (2) wires from this contact to the elevator controller. Provide means for absorbing power regenerated by the elevator system when running with overhauling loads such as full loads down.

If emergency power is available, the Contractor shall investigate fully the logistics associated with the connectivity and operation of the elevators under emergency power prior to commencement of modernization work.

2. Furnish and install code-approved lighting and GFI outlets in the elevator equipment room, pit, and overhead area where applicable.
3. Furnish and install an automatic pit sump pump if required.
4. Furnish and install smoke detection equipment required for Firefighter Service.
5. Required mechanical ventilation in the hoistways and machine rooms. Machine room is to maintain an ambient temperature between 45F and 90F degrees with relative humidity not to exceed 85% based upon scheduled heat generation.
6. Perform all work necessary to create a new machine room enclosure and modifications required to bring the existing vestibules, hoistway and overhead spaces into full compliance with applicable codes.

26. BUILDING RESPONSIBILITIES

1. Provide proper access to the machine room areas, hoistways, and pits for all elevators in accordance with the appropriate codes.
2. Suitable outdoor space shall be allocated by the Authority for the Contractor. The Contractor is to maintain Builder's Risk Insurance sufficient to cover stored materials.

27. FINAL INSPECTION

When all work is completed, the Contractor shall notify the Owner in writing that the elevators are ready for final inspection and acceptance tests. After a date has been arranged, the proper operation of every component of the elevator system, in compliance not only with the contract requirements but also with code practices, will be demonstrated in the presence of authorities having jurisdiction.

The inspector's procedure outlined in part II for the Inspection of Elevators, Escalators and Moving Walks, Inspector's Manual ANSI / AMSE A17.2 shall form a part of this final inspection. All instruments and equipment necessary for this final testing inspection will be provided by the Contractor.

28. FINAL CLEAN-UP

Upon completion of the work covered by the contract, the Contractor shall leave the completed project ready for use without the need of further cleaning of any kind and with all work in perfect order. In addition, upon completion of all work, the Contractor shall remove from the vicinity of the work and from the building's rubbish, unused materials, and other materials belonging to them or used under their direction during the modernization. If during this period, they impair the use or appearance of the property, they shall restore such areas affected by the work to their original condition. In the event of their failure to do so, the same shall be removed by the Owner at the expense of the Contractor, and their guarantee shall be liable therefore.

29. WARRANTY MAINTENANCE

The total cost and performance of Warranty Maintenance of the elevator, as per the maintenance contract language contained in this specification, is to commence upon the award date of the contract and will continue for a period of twelve consecutive (12) months from when the elevator is successfully inspected by the proper governing authority and turned over for public use. At the end of the warranty period, the elevators will be covered under the terms of a separate maintenance contract per the owner's discretion.

END OF SECTION

GENERAL DESCRIPTION

ADDRESS: WATER STREET PARKING GARAGE
160 WATER STREET
NEW LONDON, CONNECTICUT

ONE (1) AUTOMATIC HYDRAULIC PASSENGER ELEVATOR SERVING FIVE (5) LANDINGS.

A.	CONTROL	Microprocessor
B.	CAPACITY	2,500 Pounds
C.	SPEED	100 Feet per Minute
D.	OPERATION	Single-Car Microprocessor
E.	HOISTWAY	Existing
F.	TRAVEL	40 Feet (Approximate)
G.	POWER SUPPLY	208 Volt, 3 Phase, 60 Cycle main line and a 110 Volt AC car light supply with separate switch in motor room.
H.	MACHINE LOCATION	Adjacent, Lowest landing
I.	STOPS	Five (5), G, 1 -4
J.	OPENINGS	Five (5), Front Opening
K.	HOISTWAY DOORS	Size: 42" x 84" Sliding Type Type: Baked Enamel Finish, Extruded Aluminum Sill
L.	DOOR OPERATION	Front Opening, High-Speed Closed Loop, GAL or approved equal
M.	SIGNALS	Infrared Door Curtain, Car Position Indicator, Car Riding Lantern & Gong Illuminated Buttons
N.	SPECIAL	Multi-Speed Leveling, Handicap & ADA Code, and Independent Service
O.	FIREMAN'S SERVICE	Phase I, II with Alternate floor fire service.
P.	CAR ENCLOSURE	
	-WALLS	Made of durable solid wood core, covered with stainless steel.
	-CANOPY	Made of unitized steel construction, including emergency exit.
	-FRONT & TRANSOM	Stainless steel fronts and transom.
	-DOORS	Hollow metal, horizontal sliding with stainless steel finish.

-CEILING	Standard suspended ceiling with fluorescent lights.
-SILL	Extruded Nickel Silver.
-HANDRAIL	Continuous Stainless Steel handrail (1 1/2") on side walls.
-ACCESSORIES	Emergency light system, ADA compliant phone, Protection pads and buttons, Two-speed fan, and intercom from machine room to elevator cab.
-FINISHES	Baked enamel from standard chart or match architects sample.
-CAB HEIGHT	8' 0" Overall
-FINISHED FLOORING	Heavy-duty vinyl floor or aluminum diamond plate.

1. PLATFORM AND SLING

The car frame shall be constructed of structural steel members of adequate strength. The frame shall consist of two (2) stile members, two (2) cross head members and platform support frame. All members are to be securely fastened together and reinforced to form a unitized section. The lower portion of the support frame shall be arranged to accept the car's safety.

The platform shall be steel construction mounted on frame with vibration isolation pads. The floor is to be constructed of wood layered over wood sub-floor. The underside of the car shall be properly fireproofed.

2. CAR DOORS

The car entrances shall be provided with horizontal sliding doors. Doors shall be hung on sheave type hangers with polyurethane tires that roll on a polished steel track, and guided at the bottom by non-metallic shoes sliding in a smooth threshold groove.

3. ALARM BELL

An emergency alarm bell shall be connected to plainly marked push button in car.

4. GUIDE SHOES

Frame shall have guide shoes attached at the upper and lower portion of the stiles. These guide shoes shall be of the self-aligning swivel type, rigidly bolted to the top and bottom of each side of the car frame.

5. MAIN GUIDE RAILS

Provide machine standard T section guide rails with tongue and grooved joints for the car and main rails. Use not less than 3/4" thick steel machined fishplates to form rail joints. Connect rails to fishplate with four (4) bolts. Brackets shall be used to support the rails from the hoistway framing and/or inserts. Rails are to be attached to the brackets with clips. Provide rail backing where no intermediate support framing is shown on the drawing. All guide rails shall be erected plumb and parallel to a maximum deviation of 1/8" (plus or minus 1/16").

6. AUTOMATIC GUIDE RAIL LUBRICATORS

Lubricators shall be provided and mounted on top of the upper guide shoes. Wool felt wiper shall apply an even, uniform flow of oil which shall thoroughly lubricate faces of guide rail from a leak-proof oil reservoir.

7. POWER UNIT

The power unit shall be compactly and neatly designed with all components combined in a self-contained unit and with all adjustment features accessible. It shall include a constant displacement rotary screw-type, pump motor designed for oil hydraulic elevator service, oil reservoir with an oil-level indicator, control valve, tank strainer in suction line and blowout proof muffler to reduce pulsations that may occur in the system. The pump and motor shall be connected by either a v-belt drive assembly or direct coupled (submersible type). The power unit shall be tested and adjusted at the factory by operating a test elevator loaded to conform to the elevator specified herein. The power unit shall be located near the hoistway at the lowest landing.

8. VALVES

A control valve including safety check valve, up direction valve with high pressure relief including up leveling and soft stop features, lowering valve including down leveling and manual leveling feature shall be mounted in a compact unit assembly. Control valves shall be solenoid operated and designed to open and close gradually to give smooth control. All valves shall be readily accessible for adjustment. The valve shall be equipped with a "no pressure sensing device" which will disable the piston from dropping if the car is blocked for any reason.

9. AUTOMATIC TWO-WAY LEVELING

An automatic two-way leveling device shall be provided so that the car will approach landing stops at reduced speed from either direction of travel. The leveling device shall, within its zone, be entirely independent of the operating device and shall automatically stop and maintain the car approximately level with the landing, regardless of change in load.

10. JACK UNIT

Design and construct the jack unit in accordance with the applicable requirements of the ASME Code. It shall be of sufficient size to lift the gross load at the rated speed to the height specified and shall be factory tested to ensure adequate strength and freedom from leakage. No brittle material, such as gray cast iron, shall be used in the jack construction.

The jack unit shall consist of the following parts: a plunger of heavy seamless steel tubing accurately turned and polished; a stop ring electrically welded to the plunger to positively prevent the plunger from leaving its cylinder, an internal babbitt-lined guide bearing, packing or seal of suitable design and quality, a drip ring around cylinder top and a cylinder made of steel pipe enclosed in a PVC liner and provided with a pipe connection and air bleeder.

11. PACKING GLAND

A steel packing gland with phenolic guide bearing, wiper ring and packing especially designed for hydraulic elevator service shall be provided. An oil collector system shall be furnished to return oil leakage back to the storage tank.

12. WIRING, PIPING AND OIL

All necessary wiring shall be furnished and installed in the hoistway in accordance with the National Electrical Code. All necessary pipe and fittings to connect the power unit to the jack unit and oil of the proper grade shall be furnished.

13. FAILURE PROTECTION

The electrical control circuit shall be designed so that if a malfunction should occur, due to motor starter failure, oil becoming low in the system, or the car failing to reach a landing in the up direction within a pre-determined time, the elevator car will automatically descend to the lowest terminal landing. When power operated doors are used, the doors will automatically open when the car reaches the landing to allow passengers to depart. The doors will then automatically close and all control buttons, except the "door open" button in the car station, shall be made inoperative.

14. SOUND ISOLATING COUPLINGS

A minimum of two shall be installed in the oil line in the machine room between the pump and jack.

15. OIL-HYDRAULIC SILENCER

It shall be installed at the power unit location. It shall contain pulsation absorbing material inserted in a blowout proof housing arranged for inspecting interior parts without removing unit from oil line. Rubber hose without blowout proof features will not be acceptable.

16. VIBRATION PADS

They shall be mounted under the power unit assembly to isolate the unit from the building structure.

17. EMERGENCY TERMINAL STOPPING DEVICE

An emergency terminal stopping device for speeds over 100 FPM shall be provided which shall operate independently of the normal terminal stopping device should it fail to slow down the car at the terminal as intended. They shall be so designed and installed that a single short circuit caused by a combination of grounds, or by other conditions, shall not prevent their functioning. The normal and emergency terminal stopping devices shall not control the same controller switches unless two or more separate and independent switches are furnished, two of which shall be closed in either direction of travel to complete the circuit to the control valve solenoids in the down direction and to complete the circuit to the pump motor for the up direction of travel.

18. AUTOMATIC TERMINAL LIMITS

Electric limit switches shall be placed in the hoistway near the terminal landings and be designed to cut off the electric current and stop the car should it run beyond either terminal landing.

19. AUTOMATIC SELF LEVELING

The elevator shall be provided with a self-leveling feature that will automatically bring the car to the floor landings. This self-leveling shall, within its zone, be entirely automatic and independent of the operating device and shall correct for overtravel or undertravel. The car shall also be maintained approximately level with the landing irrespective of the load.

20. BUFFERS

Substantial buffers shall be furnished and installed in the elevator pit. They shall be mounted on continuous channels fastened to the elevator guide rail or securely anchored to the pit floor and substantial extensions will be provided, if required.

21. CAR TOP INSPECTION STATION

A car top inspection station with an “emergency stop” switch and with constant pressure “Up/Down” direction buttons shall make the normal operating devices inoperative and give the inspector complete control of the elevator.

22. INTERLOCKS

Each hoistway entrance shall be equipped with an approved type interlock tested as required by Code. The interlock shall be designed to prevent operation of the car away from the landing until the doors are locked in the closed position as defined by Code and shall prevent opening of the doors at any landing from the corridor side unless the car is at rest at that landing or is in the leveling zone and stopping at that landing. Interlocks shall bear Underwriters’ Laboratories “B” level of approval.

23. HOISTWAY DOOR UNLOCKING DEVICE

Hoistway door unlocking devices as specified by the ASME A17.1 Code shall be provided to permit authorized persons to gain access to the hoistway when the elevator car is away from the landing.

24. DOOR OPERATION

A direct-current motor driven heavy-duty closed loop operators shall be furnished and installed, designed to operate the car and hoistway doors simultaneously. Door movements shall be electrically cushioned at both limits of travel and the door shall be provided with an infrared safety curtain arranged to automatically return car and hoistway doors to the open position in the event the doors are obstructed during the closing cycle. Doors will then resume closing cycle. Doors shall automatically open when the car arrives at the landing and shall automatically close after an adjustable time interval or when the car is dispatched to another landing.

25. NUDGING

The doors remain open as long as the electronic detector senses the presence of a passenger or object in the door opening. If door movement is obstructed for a field programmable time value, a buzzer will sound and the doors will close at reduced speed. If the reversing edge contacts a person or object while closing, the doors will stop and resume closing after the obstruction has been removed.

When the doors have failed to fully close and are in the recycle mode, the door drive motor shall have increased torque applied. This shall possibly overcome any mechanical resistance or differential air pressure and allow the door to close.

26. DOOR HANGERS AND TRACKS

For each hoistway sliding door, furnish an install sheave type two-point suspension hangers and tracks complete. Sheaves shall have polyurethane tires with ball bearings properly sealed to retain grease. Hangers shall be provided with an adjustable slide to take the up-thrust of the doors. Tracks are to be drawn steel shapes, smooth surfaced and shaped to conform to the hanger sheaves.

27. HOISTWAY ENTRANCES

Hoistway entrances of the hollow metal, horizontal sliding type shall be furnished and installed complete at each of the hoistway openings.

Entrances will be manufacturer's standard design and shall bear Underwriters' Laboratories "B" labels. They shall consist of frames, doors, hangers, hanger supports, hanger covers, fascia plates, sight guards, and all necessary hardware.

28. AUTOMATIC PUSH-BUTTON OPERATION

The elevator control shall be a distributed control system, microprocessor based with non-proprietary software. Control of the elevator shall be automatic in operation by means of push buttons in the car numbered to correspond to floors served, for registering car stops by "Up/Down" push-button at each intermediate landing and "call" push buttons at terminal landings. The momentary pressing of one or more buttons shall dispatch the car to the designated landings in the order in which the landings are reached by the car, irrespective of the sequence in which the buttons are pressed. Each landing call shall be canceled when answered. When the car is traveling in the Up direction, it shall stop at all floors for which car buttons or Up call buttons have been pressed. Likewise, the pressing of an Up button when the car is traveling in the Down direction shall not intercept the travel unless the stop for that floor has been registered by a car button, or unless the Up call is the lowest for which any button has been pressed. When the car has responded to its highest or lowest stop, and stops are registered for the opposite direction, its direction of travel shall reverse and it shall then answer the calls registered for that direction.

Should both Up and Down calls be registered at an intermediate floor, only the call corresponding to the direction in which the car is traveling shall be canceled upon the stopping of the car at the landing. An adjustable time delay shall be provided so that after the car has stopped in response to a hall button, the entering passenger may register their car button before the car will reverse to answer calls in the opposite direction.

29. DOOR STANDING TIME SAVER

Reset the door open time to shorter time upon interruption of the electronic detector prior to expiration of initial door open time.

30. VARIABLE DOOR TIME

The doors shall remain open for an adjustable time for a stop in response to a car call and a second variable time for a stop in response to a hall call. If the electronic detector is interrupted and reestablished, door open time for a car stop and for a hall stop shall be reduced.

31. CAR OPERATING STATION

A car control panel shall be provided and shall contain the devices required for the specified operations. It shall include "door open", "door close", "emergency stop switch", "alarm button", "emergency light" and "telephone". The floor buttons will illuminate when a call is registered and will remain illuminated until the call is answered. All raised handicap symbols shall be located immediately adjacent to the floor buttons. No applied symbols shall be allowed.

32. CAR POSITION INDICATOR

A digital position indicator shall be mounted in the car operating station for optimum viewing. As the car travels, its position in the hoistway shall be indicated by the illumination of the Alpha/Numeric character corresponding to the landing which the elevator is stopped or passing.

33. LANDING BUTTONS

One (1) riser of landing push-button stations shall be provided. Each intermediate station shall consist of two (2) illuminated pushbuttons with raised direction arrow, one for the Up direction and

the other for the Down direction. Each terminal station shall contain an illuminated push button with raised direction arrow. The buttons shall be illuminated to indicate that a call has been registered at that floor for the indicated direction.

34. CAR RIDING LANTERN

The car riding lantern shall be installed in the column of the elevator cab adjacent to the main car station. The lantern, when illuminated will indicate the direction of travel for which the car is set. The lantern will illuminate and the signal will sound when the car arrives at a floor where it will stop. The lantern shall remain illuminated until the doors start to close.

35. FLOOR IDENTIFICATION SIGNS

In addition to the raised Alpha/Numeric floor markings adjacent to each push-button in the car control panel, provide floor identification signs at specified floors. These floor signs shall be integrated with the car control modules and permanently marked. Painted or applied identifications shall not be acceptable. The identifications shall consist of the same material and graphic design as the standard floor markings.

END OF SECTION

SECTION 142100

ALTERNATE -(MRL) ELECTRIC TRACTION ELEVATOR

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes: Machine Room-Less Electric Traction Elevator.
- B. Products Supplied But Not Installed Under this Section:
 - 1. Hoist Beam
 - 2. Pit Ladder
- C. Work Supplied Under Other Sections:
 - 1. Temporary lighting, including temporary lighting in hoistway for machine space with switch located in hoistway on the strike jamb side of top landing door.
 - 2. Hoistway ventilation shall be in accordance with local and national building code requirements.
 - 3. Guide Rail Support shall be structurally adequate to extend from pit floor to top of hoistway, with spans in accordance with requirements of authority having jurisdiction and final layouts.
 - 4. Removable barricades at all hoistway openings, in compliance with OSHA 29 CFR 1926.502 in addition to any local code requirements.
 - 5. Lifeline attachments capable of withstanding 5000 lb load in accordance with OSHA 29 CFR 1926.502. Provide a minimum of 2 at the top, front of each hoistway.
 - 6. Pit lighting: Fixture with switch and guards. Provide illumination level equal to or greater than that required by ASME A17.1/CSA B44 2000, or applicable version.
 - 7. Control space lighting with switch. Coordinate switch with lighting for machine space as allowable by code.
 - 8. Access Doors: As required for access to governor. Access door shall be self-closing, self-locking if necessary and operable from the inside without a key.
- D. Related sections:
 - 1. Section 015000 -Temporary Facilities and Controls
 - 2. Section 033000 -Cast-in-Place Concrete
 - 3. Section 042000 -Unit Masonry
 - 4. Section 055000 -Metal Fabrications
 - 5. Section 071600 -Cementitious Waterproofing
 - 6. Section 230000 -Heating, Ventilating, and Air Conditioning
 - 7. Section 260000 -Electrical

- 8. Section 263000 -Electric Power Generating and Storing Equipment
 - 9. Section 273000 -Voice Communications
 - 10. Section 283100 -Fire Detection and Alarm
 - 11. Section 310000 -Earthwork
- E. Industry and government standards:
- 1. ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities
 - 2. ADAAG -Accessibility Guidelines for Buildings and Facilities
 - 3. ANSI/NFPA 70, National Electrical Code
 - 4. ANSI/NFPA 80, Standard for Fire Doors and Fire Windows
 - 5. ASME/ANSI A17.1, Safety Code for Elevators and Escalators.

1.02 DESCRIPTION OF ELEVATOR

- A. Elevator Equipment Design Basis: KONE EcoSpace gearless traction elevator
- B. Equipment Control: Microprocessor
- C. Quantity of Elevators: 1
- D. Landings: 5
- E. Openings: 5 Front Openings, 0 Back Openings
- F. Travel: 40'-0" Approximate
- G. Rated Capacity: 2500 lbs (1134 kg)
- H. Rated Speed: 150 fpm
- I. Clear Inside Dimensions (W x D): 6'-8" x 4'-3"
- J. Cab Height: 8'-0"
- K. Clear height under suspended ceiling: 7'-7"
- L. Entrance Width & Type: 3'-6" & Center Opening
- M. Entrance Height: 7 ft'
- N. Main Power Supply: 208 Volts + 5%, three-phase
- O. Operation: Simplex
- P. Machine Location: Inside the hoistway mounted on car guide rail
- Q. Control Space Location: Remote Room
- R. Elevator Equipment shall conform to the requirements of seismic zone: Non-Seismic
- S. Maintenance Service Period: 12 Months

1.03 PERFORMANCE REQUIREMENTS

1.04 SUBMITTALS

- A. Product Data: Submit manufacturer's product literature for each proposed system.
 - 1. Cab design, dimensions and layout.
 - 2. Layout, finishes, and accessories and available options.
 - 3. Controls, signals and operating system.
 - 4. Color selection charts for cab and entrances.
- B. Shop Drawings:
 - 1. Clearances and travel of car.
 - 2. Clear inside hoistway and pit dimensions.
 - 3. Location and layout of equipment and signals.
 - 4. Car, guide rails, buffers and other components in hoistway.
 - 5. Maximum rail bracket spacing.
 - 6. Maximum loads imposed on building structure.
 - 7. Hoist beam requirements.
 - 8. Location and sizes of access doors.
 - 9. Location and details of hoistway door and frames.
 - 10. Electrical characteristics and connection requirements.
- C. Operation and maintenance data:
 - 1. Provide manufacturer's standard maintenance and operation manual.

1.05 QUALITY ASSURANCE

- A. Manufacturer: Minimum of ten years experience in the fabrication, installation and service of elevators of the type and performance of the specified. The manufacturer shall have a documented quality assurance program.
- B. Installer: The equipment manufacturer shall install the elevator.
- C. Inspection and Testing: In accordance with requirements of local jurisdiction, obtain required permits, inspections and tests.

1.06 DELIVERY, STORAGE AND HANDLING

- A. If the construction site is not prepared to receive the elevator equipment at the agreed ship date, the General Contractor shall be responsible to provide a safe, dry, and easily accessible storage area on or off the premises. Additional labor costs for double handling will be the responsibility of the general contractor.

- B. Delivered elevator materials shall be stored in a protected environment in accordance with manufacturer recommendations. A minimum storage area of 10 feet by 20 feet is required adjacent to the hoistway.

1.07 WARRANTY

- A. Provide manufacturer warranty for a period of one year. The warranty period is to begin upon Substantial Completion of the Contract. Warranty covers defects in materials and workmanship. Damage due to ordinary use, vandalism, improper or insufficient maintenance, misuse, or neglect do not constitute defective material or workmanship.

1.08 MAINTENANCE SERVICE

- A. The elevator manufacturer shall provide maintenance service consisting of regular examinations and adjustments of the elevator equipment for a period of 12 Months after date of substantial completion. Replacement parts shall be produced by the original equipment manufacturer.
- B. Maintenance service be performed during regular working hours of regular working days and shall include regular time call back service.
- C. Maintenance service shall not include adjustments, repairs or replacement of parts due to negligence, misuse, abuse or accidents.

PART 2 PRODUCTS

2.01 MANUFACTURER

- A. Provide AC gearless machine room-less elevator systems subject to compliance with the design and performance requirements of this specification. Elevator manufacturers may include but are not limited to one of the following:
 - 1. Basis of Design: EcoSpace traction elevators by KONE, Inc.
 - 2. Other acceptable machine room-less products:
 - Otis Elevator Co. -Gen2 Product
 - Schindler Elevator Corp. -400A Product

2.02 EQUIPMENT: CONTROL COMPONENTS AND CONTROL SPACE

- A. Controller: Provide microcomputer based control system to perform all of the functions.
 - 1. All high voltage (110V or above) contact points inside the controller cabinet shall be protected from accidental contact in a situation where the controller doors are open.
 - 2. Controller shall be separated into two distinct halves; Motor Drive side and Control side. High voltage motor power conductors shall be routed and physically segregated from the rest of the controller.
 - 3. Provide a serial cardrack and main CPU board containing a non-erasable EPROM and operating system firmware.
 - 4. Variable field parameters and adjustments shall be contained in a non-volatile memory module.
- B. Drive: Provide Variable Voltage Variable Frequency AC drive system to develop high starting torque with low starting current.

- C. Controller Location: Controller(s) shall be located in a remote cabinet or room within 140'-0" (42.6 m) wire feet of the elevator machine.

2.03 EQUIPMENT: HOISTWAY COMPONENTS

- A. Machine: AC gearless machine, with permanent magnet synchronous motor, direct current electro-mechanical disc brakes and integral traction drive sheave, mounted to the car guide rail at the top of the hoistway.
- B. Governor: Friction type over-speed governor rated for the duty of the elevator specified.
- C. Buffers, Car and Counterweight: Polyurethane buffer.
- D. Hoistway Operating Devices:
 - 1. Emergency stop switch in the pit
 - 2. Terminal stopping switches.
 - 3. Emergency stop switch on the machine
- E. Positioning System: System consisting of magnets and proximity switches.
- F. Guide Rails and Attachments: Steel rails with brackets and fasteners.

2.04 EQUIPMENT: HOISTWAY ENTRANCES

- A. Hoistway Entrances
 - 1. Sills: Extruded.
 - 2. Doors: Hollow metal construction with vertical internal channel reinforcements.
 - 3. Fire Rating: Entrance and doors shall be UL fire-rated for 1-1/2 hour.
 - 4. Entrance Finish: Brushed Stainless Steel.
 - 5. Entrance Markings Jamb Plates: Provide standard entrance jamb tactile markings on both jambs, at all floors. Plate Mounting: Refer to manufacturer drawings.

2.05 EQUIPMENT: CAR COMPONENTS

- A. Car Frame: Provide car frame with adequate bracing to support the platform and car enclosure.
- B. Platform: Platform shall be all steel construction.
- C. Car Guides: Provide guide-shoes mounted to top and bottom of both car and counterweight frame. Each guide-shoe assembly shall be arranged to maintain constant contact on the rail surfaces. Provide retainers in areas with Seismic design requirements.
- D. Steel Cab
 - 1. Car Wall Finish: Brushed stainless steel.
 - 2. Car Front Finish: Brushed stainless steel.
 - 3. Car Door Finish: Brushed stainless steel.
 - 4. Ceiling:

- a. Aurora Standard Translucent Panels suspended ceiling shall consist of white translucent polycarbonate panels set in frame of extruded natural satin finish with fluorescent lighting fixtures.
- 5. Handrail:
 - a. Round tube brushed stainless steel of 3/8-inch thick by 2 inches wide. Rails to be located on Back Wall and Side Walls of car enclosure.
- 6. Flooring: By others. (Not to exceed 2sqft & 1/2" finished depth.)
- 7. Threshold: Aluminum
- E. Emergency Car Signals
 - 1. Emergency Siren: Siren mounted on top of cab that is activated when the alarm button in the car operating panel is engaged. Siren shall have rated sound pressure level of 80 dB(A) at a distance of three feet from device. Siren shall respond with a delay of not more than one second after activation of alarm button.
 - 2. Emergency Car Lighting: Provide emergency power unit employing a 12-volt sealed rechargeable battery and totally static circuits shall illuminate the elevator car and provide current to the alarm bell in the event of building power failure.
 - 3. Emergency Exit Contact: An electrical contact shall be provided on the car-top exit.
- F. Ventilation: Fan.

2.06 EQUIPMENT: SIGNAL DEVICES AND FIXTURES

- A. Car Operating Panel: Provide car operating panel with all push buttons, key switches, and message indicators for elevator operation.
 - 1. Car operating panel shall contain a bank of round, mechanical, illuminated buttons marked to correspond to landings served, emergency call button, door open button, door close button, and key switches for lights, inspection, and exhaust fan. Buttons have amber illumination. All buttons to have raised text and Braille marking on left hand side. The car operating display panel shall be amber DOT-matrix. All texts, when illuminated, shall be amber. The car operating panel shall have a brushed stainless steel finish.
 - 2. Additional features of car operating panel shall include:
 - a. Car Position Indicator within operating panel (amber).
 - b. Elevator Data Plate marked with elevator capacity and car number on car top.
 - c. [help-button markings] with raised markings.
 - d. In car stop switch per local code.
 - e. Firefighter's hat.
 - f. Firefighter's Phase II Key-switch.
 - g. .Call Cancel Button.
 - h. Pre-programmed integrated ADA phone (complete description of krms features included as standard)

- i. Help Button/Communicator. Activation of help button will initiate two-way communication between car and a location inside the building, switching over to alternate location if call is unanswered, where personnel are available to take the appropriate action. Visual indicators are provided for call initiation and call acknowledgement.
 - j. Firefighter's Phase II emergency in-car operating instructions.
- B. Hall Fixtures: Wall mounted hall fixtures shall be provided with necessary push buttons and key switches for elevator operation. Wall mounted hall fixtures shall have a brushed stainless steel finish.
 - 1. Hall fixtures shall feature round, mechanical, buttons in applied mount face frame. Hall fixtures shall correspond to options available from that landing. Buttons shall be car operating panel button type in vertically mounted fixture. Hall lanterns shall feature amber illumination.
- C. Hall Lanterns and Chime: A directional lantern visible from the corridor shall be provided at each hall entrance. When the car stops and the doors are opening, the lantern shall indicate the direction in which the car is to travel and a chime will sound. The chime will sound once for up and twice for down.
- D. Combination Hall Position Indicator and Hall Lantern located at First Floor.

2.07 EQUIPMENT: ELEVATOR OPERATION AND CONTROLLER

- A. Elevator Operation
 - 1. Simplex Collective Operation: Using a microprocessor-based controller, operation shall be automatic by means of the car and hall buttons. If all calls in the system have been answered, the car shall park at the last landing served.
 - 2. Zoned Car Parking.
 - 3. Relative System Response Dispatching.
- B. Standard Operating Features to include:
 - 1. Full Collective Operation
 - 2. Fan and Light Control.
 - 3. Load Weighing Bypass.
 - 4. Ascending Car Uncontrolled Movement Protection
 - 5. Top of Car Inspection Station.
- C. Additional Operating Features to include:
 - 1. Independent Service.
- D. Elevator Control System for Inspections and Emergency
 - 1. Provide devices within controller to run the elevator in inspection operation.
 - 2. Provide devices on car top to run the elevator in inspection operation.
 - 3. Provide within controller an emergency stop switch to disconnect power from the brake and prevents motor from running.
 - 4. Provide the means from the controller to mechanically lift and control the elevator brake to safely bring car to nearest available landing when power is interrupted.
 - 5. Provide the means from the controller to reset the governor over speed switch and also trip the governor.
 - 6. Provide the means from the controller to reset the emergency brake when set because of an unintended car movement or ascending car over speed.
 - 7. Provide the means for the control to reset elevator earthquake operation.

2.08 EQUIPMENT: DOOR OPERATOR AND CONTROL

- A. Door Operator: A closed loop permanent magnet VVVF high-performance door operator shall be provided to open and close the car and hoistway doors simultaneously. Door movement shall be cushioned at both limits of travel. Electro-mechanical interlock shall be provided at each hoistway entrance to prevent operation of the elevator unless all doors are closed and locked. An electric contact shall be provided on the car at each car entrance to prevent the operation of the elevator unless the car door is closed.
- B. The door operator shall be arranged so that, in case of interruption or failure of electric power, the doors can be readily opened by hand from within the car, in accordance with applicable code. Emergency devices and keys for opening doors from the landing shall be provided as required by local code.
- C. Doors shall open automatically when the car has arrived at or is leveling at the respective landings. Doors shall close after a predetermined time interval or immediately upon pressing of a car button. A door open button shall be provided in the car. Momentary pressing of this button shall reopen the doors and reset the time interval.
- D. Door hangers and tracks shall be provided for each car and hoistway door. Tracks shall be contoured to match the hanger sheaves. The hangers shall be designed for power operation with provisions for vertical and lateral adjustment. Hanger sheaves shall have polyurethane tires and pre-lubricated sealed-for-life bearings.
- E. Electronic Door Safety Device. The elevator car shall be equipped with an electronic protective device extending the full height of the car. When activated, this sensor shall prevent the doors from closing or cause them to stop and reopen if they are in the process of closing. The doors shall remain open as long as the flow of traffic continues and shall close shortly after the last person passes through the door opening.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Field measure and examine substrates, supports, and other conditions under which elevator work is to be performed.
- B. Do not proceed with work until unsatisfactory conditions are corrected.
- C. Prior to start of Work, verify hoistway is in accordance with shop drawings. Dimensional tolerance of hoistway from shop drawings: -0 inches +2 inches. Do not begin work of this section until dimensions are within tolerances.
- D. Prior to start of Work, verify projections greater than 2 inches (4 inches if ASME A17.1/CSA B44 2000 applies) must be beveled not less than 75 degrees from horizontal.
- E. Prior to start of Work, verify landings have been prepared for entrance sill installation. Traditional sill angle or concrete sill support shall not be required.
- F. Prior to start of Work, verify elevator pit has been constructed in accordance with requirements, is dry and reinforced to sustain vertical forces, as indicated in

approved submittal. Verify that sumps or sump pumps located within pit will not interfere with installed elevator equipment.

- G. Prior to start of Work, verify control space has been constructed in accordance with requirements, with access coordinated with elevator shop drawings, including Sleeves and penetrations.
- H. Verify installation of GFCI protected 20-amp in pit and adjacent to each signal control cabinet in control space.

3.02 PREPARATION

- A. Coordinate installation of anchors, bearing plates, brackets and other related accessories.

3.03 INSTALLATION

- A. Install equipment, guides, controls, car and accessories in accordance with manufacturer installation methods and recommended practices.
- B. Properly locate guide rails and related supports at locations in accordance with manufacturer's recommendations and approved shop drawings. Anchor to building structure using isolation system to minimize transmission of vibration to structure.
- C. All hoistway frames shall be securely fastened to fixing angles mounted in the hoistway. Coordinate installation of sills and frames with other trades.
- D. Lubricate operating system components in accordance with manufacturer recommendations.
- E. Perform final adjustments, and necessary service prior to substantial completion.

3.04 CONSTRUCTION

- A. Subcontracted Work:
 - 1. Guide rail brackets attached to steel shall be installed prior to application of fireproofing.
 - 2. Coordinate construction of entrance walls with installation of door frames and sills. Maintain front wall opening until elevator equipment has been installed.
 - a. Ensure adequate support for entrance attachment points at all landings.
 - b. Coordinate wall openings for hall push buttons, signal fixtures and sleeves. Each elevator requires sleeves within the hoistway wall.
 - c. Coordinate emergency power transfer switch and power change pending signals as required for termination at the primary elevator signal control cabinet in each group.
 - d. Coordinate interface of elevators and fire alarm system.
 - e. Coordinate interface of dedicated telephone line.

3.05 TESTING AND INSPECTIONS

- A. Perform recommended and required testing in accordance with authority having jurisdiction.
- B. Obtain required permits and provide originals to Owner's Representative.

3.06 DEMONSTRATION

- A. Prior to substantial completion, instruct Owner's Representative on the proper function and required daily maintenance of elevators. Instruct personnel on emergency procedures.

END OF SECTION

Sec. 31-53b. Construction safety and health course. Proof of completion required for employees on public building projects. Enforcement. Regulations. (a) Each contract entered into on or after July 1, 2007, for the construction, remodeling, refinishing, refurbishing, rehabilitation, alteration or repair of any public building project by the state or any of its agents, or by an political subdivision of the state or any of its agents, where the total cost of all work to be performed by all contractors and subcontractors in connection with the contract is at least one hundred thousand dollars, shall contain a provision requiring that, not later than thirty days after the date such contract is awarded, each contractor furnish proof to the Labor Commissioner that all employees performing manual labor on or in such public building, pursuant to such contract, have completed a course of at least ten hours in duration in construction safety and health approved by the federal Occupational Safety and Health Administration or, in the case of telecommunications employees, have completed at least ten hours of training in accordance with 29 CFR 1910.268.

(b) Any employee required to complete a construction safety and health course required under subsection (a) of this section who has not completed the course shall be subject to removal from the worksite if the employee does not provide documentation of having completed such course by the fifteenth day after the date the employee is found to be in noncompliance. The Labor Commissioner or said commissioner's designee shall enforce this section.

(c) Not later than January 1, 2007, the Labor Commissioner shall adopt regulations, in accordance with the provisions of chapter 54, to implement the provisions of subsections (a) and (b) of this section. Such regulations shall require that the ten-hour construction safety and health courses required under subsection (a) of this section be conducted in accordance with federal Occupational Safety and Health Administration Training Institute standards, or in accordance with 29 CFR 1910.268, as appropriate. The Labor Commissioner shall accept as sufficient proof of compliance with the provisions of subsection (a) or (b) of this section a student course completion card issued by the federal Occupational Safety and Health Administration Training Institute, or such other proof of compliance said commissioner deems appropriate, dated no earlier than five years before the commencement date of such public works project.

(d) For the purposes of this section, "public building" means a structure, paid for in whole or in part with state funds, within a roof and within exterior walls or fire walls, designed for the housing, shelter, enclosure and support or employment of people, animals or property of any kind, including, but not limited to, sewage treatment plants and water treatment plants, "Public building" does not include site work, roads or bridges, rail lines, parking lots or underground water, sewer or drainage systems including pump houses or other utility systems.

Informational Bulletin

THE 10-HOUR OSHA CONSTRUCTION SAFETY AND HEALTH COURSE

(applicable to public building contracts entered into *on or after July 1, 2007*, where the total cost of all work to be performed is at least \$100,000)

- (1) This requirement was created by Public Act No. 06-175, which is codified in Section 31-53b of the Connecticut General Statutes (pertaining to the prevailing wage statutes);
- (2) The course is required for public building construction contracts (projects funded in whole or in part by the state or any political subdivision of the state) entered into on or after July 1, 2007;
- (3) It is required of private employees (not state or municipal employees) and apprentices who perform manual labor for a general contractor or subcontractor on a public building project where the total cost of all work to be performed is at least \$100,000;
- (4) The ten-hour construction course pertains to the ten-hour Outreach Course conducted in accordance with federal OSHA Training Institute standards, and, for telecommunications workers, a ten-hour training course conducted in accordance with federal OSHA standard, 29 CFR 1910.268;
- (5) The internet website for the federal OSHA Training Institute is http://www.osha.gov/fso/ote/training/edcenters/fact_sheet.html;
- (6) The statutory language leaves it to the contractor and its employees to determine who pays for the cost of the ten-hour Outreach Course;
- (7) Within 30 days of receiving a contract award, a general contractor must furnish proof to the Labor Commissioner that all employees and apprentices performing manual labor on the project will have completed such a course;
- (8) Proof of completion may be demonstrated through either: (a) the presentation of a *bona fide* student course completion card issued by the federal OSHA Training Institute; *or* (2) the presentation of documentation provided to an employee by a trainer certified by the Institute pending the actual issuance of the completion card;
- (9) Any card with an issuance date more than 5 years prior to the commencement date of the construction project shall not constitute proof of compliance;

- (10) Each employer shall affix a copy of the construction safety course completion card to the certified payroll submitted to the contracting agency in accordance with Conn. Gen. Stat. § 31-53(f) on which such employee's name first appears;
- (11) Any employee found to be in non-compliance shall be subject to removal from the worksite if such employee does not provide satisfactory proof of course completion to the Labor Commissioner by the fifteenth day after the date the employee is determined to be in noncompliance;
- (12) Any such employee who is determined to be in noncompliance may continue to work on a public building construction project for a maximum of fourteen consecutive calendar days while bringing his or her status into compliance;
- (13) The Labor Commissioner may make complaint to the prosecuting authorities regarding any employer or agent of the employer, or officer or agent of the corporation who files a false certified payroll with respect to the status of an employee who is performing manual labor on a public building construction project;
- (14) The statute provides the minimum standards required for the completion of a safety course by manual laborers on public construction contracts; any contractor can exceed these minimum requirements; and
- (15) Regulations clarifying the statute are currently in the regulatory process, and shall be posted on the CTDOL website as soon as they are adopted in final form.
- (16) Any questions regarding this statute may be directed to the Wage and Workplace Standards Division of the Connecticut Labor Department via the internet website of <http://www.ctdol.state.ct.us/wgwkstnd/wgemenu.htm>; or by telephone at (860)263-6790.

THE ABOVE INFORMATION IS PROVIDED EXCLUSIVELY AS AN EDUCATIONAL RESOURCE, AND IS NOT INTENDED AS A SUBSTITUTE FOR LEGAL INTERPRETATIONS WHICH MAY ULTIMATELY ARISE CONCERNING THE CONSTRUCTION OF THE STATUTE OR THE REGULATIONS.

Project: Pedestrian Safety And Access Improvements To The Intermodal Transportation Facility

**Minimum Rates and Classifications
for Heavy Construction**

H 10522

**Connecticut Department of Labor
Wage and Workplace Standards Division**

By virtue of the authority vested in the Labor Commissioner under provisions of Section 31-53 of the General Statutes of Connecticut, as amended, the following are declared to be the prevailing rates and welfare payments and will apply only where the contract is advertised for bid within 20 days of the date on which the rates are established. Any contractor or subcontractor not obligated by agreement to pay to the welfare and pension fund shall pay this amount to each employee as part of his/her hourly wages.

Project Number:

Project Town: New London

FAP Number: 1094(105)/CT-03-0123-00

State 94-220/94-198/94-229

Project: Pedestrian Safety And Access Improvements To The Intermodal Transportation Facility

CLASSIFICATION

Hourly Rate

Benefits

01) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation (except its removal from mechanical systems which are not to be scrapped), toxic waste removers, blasters. **See Laborers Group 7**

1) Boilermaker

\$31.65

8.72 + 32%

1a) Bricklayer, Cement Masons, Cement Finishers, Plasterers, Stone Masons

\$31.00

17.89

2) Carpenters, Piledrivermen

\$26.65

16.21

2a) Diver Tenders

\$26.65

16.21

3) Divers

\$35.11

16.21

As of: 5/13/2008

Project: Pedestrian Safety And Access Improvements To The Intermodal Transportation Facility

4) Painters: Brush, Roller, Blasting (Sand, Water, etc.), Spray	\$36.40	13.30
5) Electrician (Trade License required: E-1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	\$33.55	17.16
6) Ironworkers: (Ornamental, Reinforcing, Structural, and Precast Concrete Erection	\$31.30	21.93 + a
7) Plumbers (Trade License required: (P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2) and Pipefitters (Including HVAC Work) (Trade License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4 G-1, G-2, G-8, G-9)	\$33.57	18.96
----LABORERS----		
8) Group 1: Laborer (Unskilled)	\$23.25	14.00
9) Group 2: Chain saw operators, fence and guard rail erectors, pneumatic tool operators, powdermen.	\$23.50	14.00
10) Group 3: Pipelayers (Installation of water, storm drainage or sewage lines outside of the building line with P6, P7 license)	\$23.60	14.00
11) Group 4: Jackhammer/Pavement breaker (handheld), mason tenders/catch basin builders, asphalt rakers, air track operators, block pavers and curb setters.	\$23.75	14.00
12) Group 5: Toxic waste workers (non-mechanical systems).	\$25.25	14.00

As of: 5/13/2008

Project: Pedestrian Safety And Access Improvements To The Intermodal Transportation Facility

13) Group 6: Blasters \$25.00 14.00

Group 7: Asbestos Removal, non-mechanical systems (does not include leaded joint pipe). \$24.25 14.00

Group 8: Traffic control signalmen. \$15.00 14.00

----LABORERS (TUNNEL CONSTRUCTION, FREE AIR). Shield Drive and Liner Plate Tunnels in Free Air.----

13a) Miners, Motormen, Mucking Machine Operators, Nozzle Men, Grout Men, Shaft & Tunnel Steel & Rodmen, Shield & Erector, Arm Operator, Cable Tenders \$27.50 14.00 + a

13b) Brakemen, Trackmen \$26.70 14.00 + a

----CLEANING, CONCRETE AND CAULKING TUNNEL----

14) Concrete Workers, Form Movers, and Strippers \$26.70 14.00 + a

15) Form Erectors \$26.98 14.00 + a

----ROCK SHAFT LINING, CONCRETE, LINING OF SAME AND TUNNEL IN FREE AIR:----

As of: 5/13/2008

Project: Pedestrian Safety And Access Improvements To The Intermodal Transportation Facility

16) Brakemen, Trackmen, Tunnel Laborers, Shaft Laborers	\$26.70	14.00 + a
17) Laborers Topside, Cage Tenders, Bellman	\$26.60	14.00 + a
18) Miners	\$27.50	14.00 + a

----TUNNELS, CAISSON AND CYLINDER WORK IN COMPRESSED AIR: ----

19) Brakemen, Trackmen, Groutman, Laborers, Outside Lock Tender, Gauge Tenders	\$32.78	14.00 + a
20) Change House Attendants, Powder Watchmen, Top on Iron Bolts	\$31.12	14.00 + a
21) Mucking Machine Operator	\$33.45	14.00 + a

----TRUCK DRIVERS----(*see note below)

Two axle trucks	\$26.18	12.47 + a
Three axle trucks; two axle ready mix	\$26.28	12.47 + a

As of: 5/13/2008

Project: Pedestrian Safety And Access Improvements To The Intermodal Transportation Facility

Three axle ready mix	\$26.33	12.47 + a
Four axle trucks, heavy duty trailer (up to 40 tons)	\$26.38	12.47 + a
Four axle ready-mix	\$26.43	12.47 + a
Heavy duty trailer (40 tons and over)	\$26.63	12.47 + a
Specialized earth moving equipment other than conventional type on-the road trucks and semi-trailer (including Euclids)	\$26.43	12.47 + a
----POWER EQUIPMENT OPERATORS----		
Group 1: Crane handling or erecting structural steel or stone, hoisting engineer (2 drums or over), front end loader (7 cubic yards or over), Work Boat 26 ft. & Over.	\$33.05	16.90 + a
Group 2: Cranes (100 ton rate capacity and over); Excavator over 2 cubic yards; Piledriver (\$3.00 premium when operator controls hammer)	\$32.73	16.90 + a
Group 3: Excavator; Cranes (under 100 ton rated capacity), Gradall; Master Mechanic; Hoisting Engineer (all types of equipment where a drum and cable are used to hoist or drag material regardless of motive power of operation), Rubber Tire Excavator (Drott-1085	\$31.99	16.90 + a
Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper)	\$31.60	16.90 + a

As of: 5/13/2008

Project: Pedestrian Safety And Access Improvements To The Intermodal Transportation Facility

Group 5: Specialty Railroad Equipment; Asphalt Spreader; Asphalt Reclaiming Machine; Line Grinder; Concrete Pumps; Drills with Self Contained Power Units; Boring Machine; Post Hole Digger; Auger; Pounder; Well Digger; Milling Machine (over 24" Mandrell)	\$31.01	16.90 + a
Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	\$31.01	16.90 + a
Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	\$30.70	16.90 + a
Group 7: Asphalt Roller; Concrete Saws and Cutters (ride on types); Vermeer Concrete Cutter; Stump Grinder; Scraper; Snooper; Skidder; Milling Maching (24" and Under Mandrel).	\$30.36	16.90 + a
Group 8: Mechanic, Grease Truck Operator, Hydroblaster, Barrier Mover, Power Stone Spreader; Welder; Work Boat under 26 ft.; Transfer Machine.	\$29.96	16.90 + a
Group 9: Front End Loader (under 3 cubic yards), Skid Steer Loader (regardless of attachments), Bobcat or Similar; Fork Lift, Power Chipper; Landscape Equipment (including hydroseeder).	\$29.53	16.90 + a
Group 10: Vibratory Hammer, Ice Machine, Diesel and Air Hammer, etc..	\$27.49	16.90 + a
Group 11: Conveyor, Earth Roller; Power Pavement Breaker (whiphammer), Robot Demolition Equipment.	\$27.49	16.90 + a
Group 12: Wellpoint Operator.	\$27.43	16.90 + a
Group 13: Compressor Battery Operator.	\$26.85	16.90 + a

Project: Pedestrian Safety And Access Improvements To The Intermodal Transportation Facility

Group 14: Elevator Operator; Tow Motor Operator (Solid Tire No Rough Terrain). \$25.71 16.90 + a

Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator. \$25.30 16.90 + a

Group 16: Maintenance Engineer. \$24.65 16.90 + a

Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator. \$28.96 16.90 + a

Group 18: Power Safety Boat; Vaccum Truck; Zim Mixer; Sweeper; (minimum for any job requiring CDL license). \$26.54 16.90 + a

****NOTE: SEE BELOW**

----LINE CONSTRUCTION----(Railroad Construction and Maintenance)

20) Lineman, Cable Splicer, Dynamite Man \$35.65 10.70 + 6.25%

21) Heavy Equipment Operator \$22.09 10.70 + 6.25%

22) Equipment Operator, Tractor Trailer Driver, Material Men \$30.30 10.70 + 6.25%

As of: 5/13/2008

Project: Pedestrian Safety And Access Improvements To The Intermodal Transportation Facility

23) Driver Groundmen	\$26.74	10.70 + 6.25%
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----LINE CONSTRUCTION----

24) Driver Groundmen	\$25.99	10.70 + 6.25%
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25) Groundmen	\$19.06	10.70 + 6.25%
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26) Heavy Equipment Operators	\$31.19	10.70 + 6.25%
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27) Linemen, Cable Splicers, Dynamite Men	\$34.65	10.70 + 6.25%
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28) Material Men, Tractor Trailer Drivers, Equipment Operators	\$29.45	10.70 + 6.25%
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Project: Pedestrian Safety And Access Improvements To The Intermodal Transportation Facility

Welders: Rate for craft to which welding is incidental.

****Note: Hazardous waste removal work receives additional \$1.50 per hour for power equipment operators and \$1.00 per hour for truck drivers.***

*****Note: Hazardous waste premium \$3.00 per hour over classified rate***

Crane with 150 ft. boom (including jib) - \$1.50 extra

Crane with 200 ft. boom (including jib) - \$2.50 extra

Crane with 250 ft. boom (including jib) - \$5.00 extra

Crane with 300 ft. boom (including jib) - \$7.00 extra

Crane with 400 ft. boom (including jib) - \$10.00

All classifications that indicate a percentage of the fringe benefits must be calculated at the percentage rate times the "base hourly rate".

Apprentices duly registered under the Commissioner of Labor's regulations on "Work Training Standards for Apprenticeship and Training Programs" Section 31-51-d-1 to 12, are allowed to be paid the appropriate percentage of the prevailing journeymen hourly base and the full fringe benefit rate, providing the work site ratio shall not be less than one full-time journeyman instructing and supervising the work of each apprentice in a specific trade.

~~Connecticut General Statute Section 31-55a: Annual Adjustments to wage rates by contractors doing state work ~~

The Prevailing wage rates applicable to this project are subject to annual adjustments each July 1st for the duration of the project.

Each contractor shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.

It is the contractor's responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's website.

The annual adjustments will be posted on the Department of Labor's Web page: www.ct.gov/dol.

The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project.

All subsequent annual adjustments will be posted on our Web Site for contractor access.

As of: 5/13/2008

Project: Pedestrian Safety And Access Improvements To The Intermodal Transportation Facility

Effective October 1, 2005 - Public Act 05-50: any person performing the work of any mechanic, laborer, or worker shall be paid prevailing wage

All Person who perform work ON SITE must be paid prevailing wage for the appropriate mechanic, laborer, or worker classification -

All certified payrolls must list the hours worked and wages paid to All Persons who perform work ON SITE regardless of their ownership i.e.: (Owners, Corporate Officers, LLC Members, Independent Contractors, et. al)

extra

Reporting and payment of wages is required regardless of any contractual relationship alleged to exist between the contractor and such person.

Please direct any questions which you may have pertaining to classification of work and payment of prevailing wages to the Wage and Workplace Standards Division, telephone (860)263-6790.

As of: 5/13/2008

November 29, 2006

Notice
To All Mason Contractors and Interested Parties
Regarding Construction Pursuant to Section 31-53 of the
Connecticut General Statutes (Prevailing Wage)

The Connecticut Labor Department Wage and Workplace Standards Division is empowered to enforce the prevailing wage rates on projects covered by the above referenced statute.

Over the past few years the Division has withheld enforcement of the rate in effect for workers who operate a forklift on a prevailing wage rate project due to a potential jurisdictional dispute.

The rate listed in the schedules and in our Occupational Bulletin (see enclosed) has been as follows:

Forklift Operator:

- **Laborers (Group 4) Mason Tenders** - operates forklift solely to assist a mason to a maximum height of nine feet only.
- **Power Equipment Operator (Group 9)** - operates forklift to assist any trade and to assist a mason to a height over nine feet.

The U.S. Labor Department conducted a survey of rates in Connecticut but it has not been published and the rate in effect remains as outlined in the above Occupational Bulletin.

Since this is a classification matter and not one of jurisdiction, effective January 1, 2007 the Connecticut Labor Department will enforce the rate on each schedule in accordance with our statutory authority.

Your cooperation in filing appropriate and accurate certified payrolls is appreciated.

Statute 31-55a

Last Updated: June 02, 2008

You are here: [DOL Web Site](#) › [Wage and Workplace Issues](#) › [Statute 31-55a](#)

- Special Notice -

To All State and Political Subdivisions, Their Agents, and Contractors

Connecticut General Statute 31-55a - Annual adjustments to wage rates by contractors doing state work.

Each contractor that is awarded a contract on or after October 1, 2002, for (1) the construction of a state highway or bridge that falls under the provisions of section 31-54 of the general statutes, or (2) the construction, remodeling, refinishing, refurbishing, rehabilitation, alteration or repair of any public works project that falls under the provisions of section 31-53 of the general statutes shall contact the Labor Commissioner on or before July first of each year, for the duration of such contract, to ascertain the prevailing rate of wages on an hourly basis and the amount of payment or contributions paid or payable on behalf of each mechanic, laborer or worker employed upon the work contracted to be done, and shall make any necessary adjustments to such prevailing rate of wages and such payment or contributions paid or payable on behalf of each such employee, effective each July first.

- The prevailing wage rates applicable to any contract or subcontract awarded on or after October 1, 2002 are subject to annual adjustments each July 1st for the duration of any project which was originally advertised for bids on or after October 1, 2002.
- Each contractor affected by the above requirement shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.
- It is the **contractor's** responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's Web Site. The annual adjustments will be posted on the Department of Labor Web page: www.ctdol.state.ct.us. For those without internet access, please contact the division listed below.
- The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project. All subsequent annual adjustments will be posted on our Web Site for contractor access.

Any questions should be directed to the Contract Compliance Unit, Wage and Workplace Standards Division, Connecticut Department of Labor, 200 Folly Brook Blvd., Wethersfield, CT 06109 at (860)263-6790.


[Workplace Laws](#)

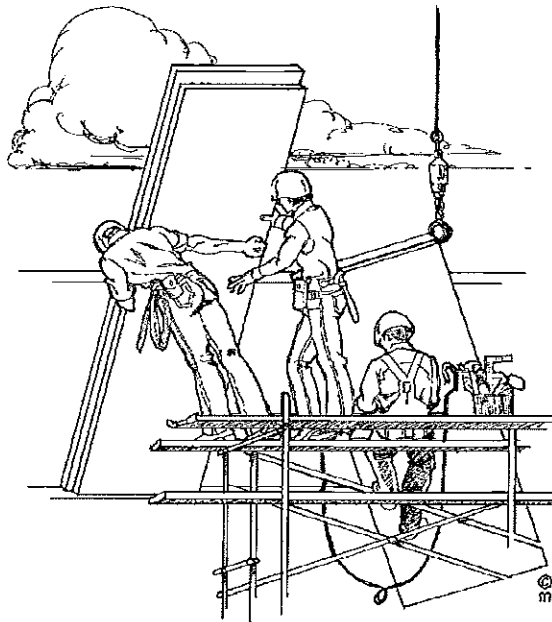
~NOTICE~

TO ALL CONTRACTING AGENCIES

Please be advised that Connecticut General Statutes Section 31-53, requires the contracting agency to certify to the Department of Labor, the total dollar amount of work to be done in connection with such public works project, regardless of whether such project consists of one or more contracts.

Please find the attached "Contracting Agency Certification Form" to be completed and returned to the Department of Labor, Wage and Workplace Standards Division, Public Contract Compliance Unit.

 Inquiries can be directed to (860)263-6543.



CONNECTICUT DEPARTMENT OF LABOR
WAGE AND WORKPLACE STANDARDS DIVISION
CONTRACT COMPLIANCE UNIT

CONTRACTING AGENCY CERTIFICATION FORM

I, _____, acting in my official capacity as _____,
authorized representative title

for _____, located at _____,
contracting agency address

do hereby certify that the total dollar amount of work to be done in connection with
_____, located at _____,
project name and number address

shall be \$ _____, which includes all work, regardless of whether such project
consists of one or more contracts.

CONTRACTOR INFORMATION

Name: _____

Address: _____

Authorized Representative: _____

Approximate Starting Date: _____

Approximate Completion Date: _____

Signature

Date

Return To: Connecticut Department of Labor
Wage & Workplace Standards Division
Contract Compliance Unit
200 Folly Brook Blvd.
Wethersfield, CT 06109

Date Issued: _____

CONNECTICUT DEPARTMENT OF LABOR
WAGE AND WORKPLACE STANDARDS DIVISION

CONTRACTORS WAGE CERTIFICATION FORM

I, _____ of _____
Officer, Owner, Authorized Rep. Company Name

do hereby certify that the _____
Company Name

Street

City

and all of its subcontractors will pay all workers on the

Project Name and Number

Street and City

the wages as listed in the schedule of prevailing rates required for such project (a copy of which is attached hereto).

Signed

Subscribed and sworn to before me this _____ day of _____, :

Notary Public



Return to:

Connecticut Department of Labor
Wage & Workplace Standards Division
200 Folly Brook Blvd.
Wethersfield, CT 06109

Certified Payroll Form WWS - CPI

Last Updated: June 02, 2008

You are here: [DOL Web Site](#) › [Wage and Workplace Issues](#) › Certified Payroll Form WWS - CPI

In accordance with [Connecticut General Statutes, 31-53](#) Certified Payrolls with a statement of compliance shall be submitted monthly to the contracting agency.

Note: Once you have downloaded these forms and are ready to print them out, set the print function on your PC to the horizontal print orientation.

Note2: Please download both the Payroll Certification for Public Works Projects and the Certified Statement of Compliance for a complete package. The Certified Statement of Compliance appears on the same page as the Fringe Benefits Explanation page.

Announcement: The Certified Payroll Form WWS-CPI can now be completed on-line!

updated [Certified Payroll Form WWS-CPI](#) (PDF, 3.6MB)

Published by the Connecticut Department of Labor, Project Management Office

[New] In accordance with Section 31-53b(a) of the C.G.S. each contractor shall provide a copy of the OSHA 10 Hour Construction Safety and Health Card for each employee, to be attached to the first certified payroll on the project.

In accordance with Connecticut General Statutes, 31-53 Certified Payrolls with a statement of compliance shall be submitted monthly to the contracting agency.										PAYROLL CERTIFICATION FOR PUBLIC WORKS PROJECTS										Connecticut Department of Labor Wage and Workplace Standards Division 200 Folly Brook Blvd. Wethersfield, CT 06109								
										WEEKLY PAYROLL																		
CONTRACTOR NAME AND ADDRESS:										SUBCONTRACTOR NAME & ADDRESS										WORKER'S COMPENSATION INSURANCE CARRIER								
PAYROLL NUMBER		Week-Ending Date		PROJECT NAME & ADDRESS														POLICY #										
																		EFFECTIVE DATE: EXPIRATION DATE:										
PERSON/WORKER AND ADDRESS	APPR RATE %	MALE/FEMALE AND RACE*	WORK CLASSIFICATION <small>Trade License Type & Number OR OSHA 10 Certification Number</small>	DAY AND DATE							Total ST Hours	BASH HOURLY RATE	TYPE OF FRINGE BENEFITS Per Hour 1 through 6 (see back)	GROSS PAY FOR ALL WORK PERFORMED THIS WEEK	TOTAL DEDUCTIONS				GROSS PAY FOR THIS PREVAILING RATE JOB	CHECK # AND NET PAY								
				S	M	T	W	TH	F	S					FICA	FEDERAL WITH-HOLDING	STATE WITH-HOLDING	OTHER										
				HOURS WORKED EACH DAY							Total O/T Hours	TOTAL FRINGE BENEFIT PLAN CASH																
											S-TIME	\$	1. \$															
												Base Rate	2. \$															
												Base Rate	3. \$															
												O-TIME	4. \$															
												O-TIME	\$	5. \$														
												O-TIME	Cash Fringe	6. \$														
												S-TIME	\$	1. \$														
												S-TIME	\$	2. \$														
												S-TIME	Base Rate	3. \$														
												O-TIME	\$	4. \$														
												O-TIME	\$	5. \$														
												O-TIME	Cash Fringe	6. \$														

2/13/2008
WWS-CP1

*IF REQUIRED

*SEE REVERSE SIDE

PAGE NUMBER ____ OF

OSHA~ATTACH CARD TO 1ST CERTIFIED PAYROLL

***FRINGE BENEFITS EXPLANATION (P):**

Bona fide benefits paid to approved plans, funds or programs, except those required by Federal or State Law (unemployment tax, worker's compensation, income taxes, etc.)

Please specify the type of benefits provided:

- 1) Medical or hospital care
- 2) Pension or retirement
- 3) Life Insurance
- 4) Disability
- 5) Vacation, holiday
- 6) Other (please specify)

CERTIFIED STATEMENT OF COMPLIANCE

For the week ending date of _____

I, _____ of _____ (hereafter known as Employer)

in my capacity as _____ (title) do hereby certify and state:

1. All persons employed on said project have been paid the full weekly wages earned by them during the week in accordance with Connecticut General Statutes, section 31-53, as amended. Further, I hereby certify and state the following:

- A) The records submitted are true and accurate;
- B) The rate of wages paid to each mechanic, laborer or workman and the amount of payment or contributions paid or payable on behalf of each such employee to any employee welfare fund, as defined in Connecticut General Statutes, section 31-53 (h), are not less than the prevailing rate of wages and the amount of payment or contributions paid or payable on behalf of each such employee to any employee welfare fund, as determined by the Labor Commissioner pursuant to subsection Connecticut General Statutes, section 31-53 (d), and said wages and benefits are not less than those which may also be required by contract;
- C) The Employer has complied with all of the provisions in Connecticut General Statutes, section 31-53 (and Section 31-54 if applicable for state highway construction);
- D) Each such employee of the Employer is covered by a worker's compensation insurance policy for the duration of his employment which proof of coverage has been provided to the contracting agency;
- E) The Employer does not receive kickbacks, which means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided directly or indirectly, to any prime contractor, prime contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contract or in connection with a prime contractor in connection with a subcontractor relating to a prime contractor; and
- F) The Employer is aware that filing a certified payroll which he knows to be false is a class D felony for which the employer may be fined up to five thousand dollars, imprisoned for up to five years or both.

2. OSHA-Certified Statement

Submitted on

(Date)

(Signature)

(Title)

Weekly Payroll Certification For
Public Works Projects (Continued)

PAYROLL CERTIFICATION FOR PUBLIC WORKS PROJECTS

Week-Ending Date:
Contractor or Subcontractor Business Name:

WEEKLY PAYROLL

PERSON/WORKER AND ADDRESS	APPR RATE %	MALE/ FEMALE AND RACE*	WORK CLASSIFICATION Trade License Type & Number OR OSHA 10 Certification Number	DAY AND DATE							Total ST Hours	BASE HOURLY RATE	TYPE OF FRINGE BENEFITS Per Hour 1 through 6 (see back)	GROSS PAY FOR ALL WORK PERFORMED THIS WEEK	TOTAL DEDUCTIONS				GROSS PAY FOR THIS PREVAILING RATE JOB	CHECK # AND NET PAY
				S	M	T	W	TH	F	S					FICA	WITH- HOLDING	WITH- HOLDING	OTHER		
				HOURS WORKED EACH DAY											Total O/T Hours	TOTAL FRINGE BENEFIT PLAN CASH	1. \$	2. \$		
											S-TIME \$ Base Rate	1. \$ 2. \$ 3. \$								
											O-TIME \$ Cash Fringe	4. \$ 5. \$ 6. \$								
											S-TIME \$ Base Rate	1. \$ 2. \$ 3. \$								
											O-TIME \$ Cash Fringe	4. \$ 5. \$ 6. \$								
											S-TIME \$ Base Rate	1. \$ 2. \$ 3. \$								
											S-TIME \$ Cash Fringe	4. \$ 5. \$ 6. \$								
											S-TIME \$ Base Rate	1. \$ 2. \$ 3. \$								
											S-TIME \$ Cash Fringe	4. \$ 5. \$ 6. \$								

*IF REQUIRED

Revised: March 12, 2008

Informational Bulletin


Occupational Classifications

The Connecticut Department of Labor has the responsibility to properly determine "job classification" on prevailing wage projects covered under C.G.S. Section 31-53.

✓Note: This information is intended to provide a sample of some occupational classifications for guidance purposes only. It is not an all-inclusive list of each occupation's duties. This list is being provided only to highlight some areas where a contractor may be unclear regarding the proper classification.

On any construction project, an assortment of workers are needed to carry out all of the required tasks. Employees include various skilled crafts people, machine operators, general laborers, and apprentices. Prevailing wage rate schedules identify the classes of workers likely to be employed on each of the four types of construction projects. (If a contractor wants to use a class of worker not listed in a wage determination, there is a process for requesting the U.S. Department of Labor to establish a prevailing wage rate for that additional classification). (Contact U.S. Department of Labor at 202.693.0062 or 215.861.5800)

A registered apprentice is not a separate prevailing wage job classification. Apprentices are paid a percentage of the base rate received by the craft that they are training to become and the full fringe rate. This percentage increases in steps, as the apprentice advances through the stages of the apprenticeship process.

 Any questions regarding the proper classification should be directed to the Contract Compliance Unit, Wage and Workplace Standards Division, Connecticut Department of Labor, 200 Folly Brook Blvd, Wethersfield, CT 06109 at 860.263.6543.

Below are additional clarifications of specific job duties performed for certain classifications:

⇒ ASBESTOS WORKERS/INSULATORS:

- ▶ Handle, install, apply, fabricate, distribute, prepare, alter, repair, or dismantle heat and frost insulation, including penetration and fire stopping work on all penetration fire stop systems.

⇒ BOILERMAKERS:

- ▶ Erects hydro plants, incomplete vessels, steel stacks, storage tanks for water, fuel, etc. Builds incomplete boilers, repairs heat exchanges and steam generators.

⇒ BRICKLAYERS, CEMENT MASONS, CEMENT FINISHERS, MARBLE MASONS, PLASTERERS, STONE MASONS, PLASTERERS, STONE MASONS, TERRAZZO WORKERS, TILE SETTERS:

- ▶ Lays building materials such as brick, structural tile and concrete cinder, glass, gypsum, terra cotta block. Cuts, tools and sets marble, sets stone, finishes concrete, applies decorative steel, aluminum and plastic tile, applies cements, sand, pigment and marble chips to floors, stairways, etc.

⇒ CARPENTERS, MILLWRIGHTS, PILEDRIVERMEN, LATHERS, RESILIENT FLOOR LAYERS, DOCK BUILDERS, DIVERS, DIVER TENDERS:

- ▶ Constructs, erects, installs and repairs structures and fixtures of wood, plywood and wallboard. Installs, assembles, dismantles, moves industrial machinery. Drives piling into ground to provide foundations for structures such as buildings and bridges, retaining walls for earth embankments, such as cofferdams. Fastens wooden, metal or rockboard lath to walls, ceilings and partitions of buildings, acoustical tile layer, concrete form builder. Applies firestopping materials on fire resistive joint systems only. Installation of curtain/window walls only where attached to wood or metal studs.
- ▶ Assembly and installation of modular furniture/furniture systems.
[New] a. Free-standing furniture is not covered. This includes: student chairs, study top desks, book box desks, computer furniture, dictionary stand, atlas stand, wood shelving, two- position information access station, file cabinets, storage cabinets, tables, etc.

⇒ CLEANING LABORER:

- ▶ The clean up of any construction debris and the general cleaning, including sweeping, wash down, mopping, wiping of the construction facility, washing, polishing, dusting, etc., prior to the issuance of a certificate of occupancy falls under the *Labor classification*.

⇒DELIVERY PERSONNEL:

- ▶ If delivery of supplies/building materials is to one common point and stockpiled there, prevailing wages are not required. If the delivery personnel are involved in the distribution of the material to multiple locations within the construction site then they would have to be paid prevailing wages for the type of work performed: laborer, equipment operator, electrician, ironworker, plumber, etc.
- ▶ An example of this would be where delivery of drywall is made to a building and the delivery personnel distribute the drywall from one "stockpile" location to further sub-locations on each floor. Distribution of material around a construction site is the job of a laborer/tradesman and not a delivery personnel.

⇒ELECTRICIANS:

- ▶ Install, erect, maintenance, alteration or repair of any wire, cable, conduit, etc., which generates, transforms, transmits or uses electrical energy for light, heat, power or other purposes. ***License required per Connecticut General Statutes: E-1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9.**

⇒ELEVATOR CONSTRUCTORS:

- ▶ Install, erect, maintenance and repair of all types of elevators, escalators, dumb waiters and moving walks. ***License required by Connecticut General Statutes: R-1,2,5,6.**

⇒FORK LIFT OPERATOR:

- ▶ Laborers Group 4) Mason Tenders - operates forklift solely to assist a mason to a maximum height of nine (9) feet only.
- ▶ Power Equipment Operator Group 9 - operates forklift to assist any trade, and to assist a mason to a height over nine (9) feet.

⇒GLAZIERS: [updated]

- ▶ Installs light metal sash, head sills, and 2-story aluminum commercial storefronts.

⇒IRONWORKERS:

- ▶ Handling, sorting, and installation of reinforcing steel (rebar).
- ▶ Installation of aluminum window walls and curtain walls.
- ▶ Metal bridge rail (traffic), metal bridge handrail, and decorative security fence installation.
- ▶ Installation of handrails, stairs, and platforms installed on Wastewater Treatment Plant projects. [new]

⇒INSULATOR:

- ▶ Installing fire stopping systems/materials for "Penetration Firestop Systems": transit to cables, electrical conduits, insulated pipes, sprinkler pipe penetrations, ductwork behind radiation, electrical cable trays, fire rated pipe penetrations, natural polypropylene, HVAC ducts, plumbing bare metal, telephone and communication wires, and boiler room ceilings. Past practice using the applicable licensed trades, Plumber, Sheet Metal, Sprinkler Fitter, and Electrician, is not inconsistent with the Insulator classification and would be permitted.

⇒LEAD PAINT REMOVAL:

- ▶ Painter Rate -
 - 1) Removal of lead paint from bridges.
 - 2) Removal of lead paint as preparation of any surface to be repainted.
 - 3) Where removal is on a *Demolition* project prior to reconstruction.
- ▶ Laborer Rate-
 - 1) Removal of lead paint from any surface *NOT* to be repainted.
 - 2) Where removal is on a *TOTAL* Demolition project only.

⇒LABORERS:

- ▶ Acetylene burners, asphalt rakers, chain saw operators, concrete and power buggy operator, concrete saw operator, fence and guard rail erector, hand operated concrete vibrator operator, mason tenders, pipelayers (installation of water, storm drainage or sewage lines outside of the building line with P6, P7 license), pneumatic drill operator, pneumatic gas and electric drill operator, powermen and wagon drill operator, air track operator, block paver, curb setters, blasters, concrete spreaders.

⇒PAINTERS:

- ▶ Maintenance, preparation, cleaning, blasting (water and sand, etc.), painting or application of any protective coatings of every description on all bridges and appurtenances of highways, roadways, and railroads. Painting, decorating, hardwood finishing, paper hanging, sign writing, scenic art work and drywall finishing for any and all types of building and residential work.

⇒PLUMBERS AND PIPEFITTERS:

- ▶ Installation, repair, replacement, alteration or maintenance of all plumbing, heating, cooling and piping. ***License required per Connecticut General Statutes: P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2. S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4.**

⇒POWER EQUIPMENT OPERATORS:

- ▶ Operates several types of power construction equipment such as compressors, pumps, hoists, derricks, cranes, shovels, tractors, scrapers or motor graders, etc. Repairs and maintains equipment. ***License required, crane operators only, per Connecticut General Statutes.**

⇒ROOFERS:

- ▶ Preparation of surface, tear-off and/or removal of any type of roofing, and/or clean-up of any areas where a roof is to be relaid.

⇒SHEET METAL WORKER:

- ▶ Fabrication, handling, assembling, erecting, altering, repairing, etc. of coated metal material panels and composite metal material panels when used on building exteriors and interiors as soffits, fascia, louvers, partitions, wall panel siding, canopies, cornice, column covers, awnings, beam covers, cladding, sun shades, lighting troughs, spires, ornamental roofing, metal ceilings, mansards, copings, ornamental and ventilation hoods, vertical and horizontal siding panels, trim, etc. The sheet metal classification also applies to the vast variety of coated metal material panels and composite metal material panels that have evolved over the years as an alternative to conventional ferrous and non-ferrous metals like steel, iron, tin, copper, brass, bronze, aluminum, etc. Insulated metal and insulated composite panels are still installed by the Iron Worker. Fabrication, handling, assembling, erecting, altering, repairing, etc. of architectural metal roof, standing seam roof, composite metal roof, metal and composite bathroom/toilet partitions, aluminum gutters, metal and composite lockers and shelving, kitchen equipment, and walk-in coolers.

⇒SPRINKLER FITTERS:

Installation, alteration, maintenance and repair of fire protection sprinkler systems. ***License required per Connecticut General Statutes: F-1,2,3,4.**

⇒TILE, MARBLE AND TERRAZZO FINISHERS:

Assists and tends the tile setter, marble mason and terrazzo worker in the performance of their duties.

⇒TRUCK DRIVERS:

- ▶ Truck Drivers delivering asphalt are covered under prevailing wage while on the site and directly involved in the paving operation.
- ▶ Material men and deliverymen are not covered under prevailing wage as long as they are not directly involved in the construction process. If, they unload the material, they would then be covered by prevailing wage for the classification they are performing work in: laborer, equipment operator, etc.
- ▶ Hauling material off site is not covered provided they are not dumping it at a location outlined above.
- ▶ Driving a truck on site and moving equipment or materials on site would be considered covered work, as this is part of the construction process.

CONNECTICUT DEPARTMENT OF LABOR
Wage and Workplace Standards Division

FOOTNOTES

Please Note: If the "Benefits" listed on the schedule for the following occupations includes a letter(s) (+ a or + a+b for instance), refer to the information below.

Benefits to be paid at the appropriate prevailing wage rate for the listed occupation.

If the "Benefits" section for the occupation lists only a dollar amount, disregard the information below.

Bricklayers, Cement Masons, Cement Finishers, Plasters, Stone Masons
(Building Construction)

(Residential- Hartford, Middlesex, New Haven, New London and Tolland Counties)

- a. Paid Holiday: Employees shall receive 4 hours for Christmas Eve holiday provided the employee works the regularly scheduled day before and after the holiday. Employers may schedule work on Christmas Eve and employees shall receive pay for actual hours worked in addition to holiday pay.

Bricklayer (Residential- Fairfield County)

- a. Paid Holiday: If an employee works on Christmas Eve until noon he shall be paid for 8 hours.

Electricians

Fairfield County: West of the Five Mile River in Norwalk

- a. \$2.00 per hour not to exceed \$14.00 per day.

Elevator Constructors: Mechanics

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, plus the Friday after Thanksgiving.
- b. Vacation: Employer contributes 8% of basic hourly rate for 5 years or more of service or 6% of basic hourly rate for 6 months to 5 years of service as vacation pay credit.

Glaziers

- a. Paid Holidays: Labor Day and Christmas Day.

Power Equipment Operators

(Heavy and Highway Construction & Building Construction)

- a. Paid Holidays: New Year's Day, Good Friday, Memorial day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, provided the employee works 3 days during the week in which the holiday falls, if scheduled, and if scheduled, the working day before and the working day after the holiday. Holidays falling on Saturday may be observed on Saturday, or if the employer so elects, on the preceding Friday.

Ironworkers

- a. Paid Holiday: Labor Day provided employee has been on the payroll for the 5 consecutive workdays prior to Labor Day.

Laborers (Tunnel Construction)

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. No employee shall be eligible for holiday pay when he fails, without cause, to work the regular workday preceding the holiday or the regular workday following the holiday.

Roofers

- a. Paid Holidays: July 4th, Labor Day, and Christmas Day provided the employee is employed 15 days prior to the holiday.

Sprinkler Fitters

- a. Paid Holidays: Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day, provided the employee has been in the employment of a contractor 20 working days prior to any such paid holiday.

Truck Drivers

(Heavy and Highway Construction & Building Construction)

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas day, and Good Friday, provided the employee has at least 31 calendar days of service and works the last scheduled day before and the first scheduled day after the holiday, unless excused.

CONTRACT FORMS

CONTRACT FOR SERVICES

THIS AGREEMENT made and entered into this ___ day of _____, by and between _____ (legal name and address), hereinafter called "**Contractor**" and the City of New London, 181 State Street, New London, CT 06320, hereinafter called "**City**."

WHEREAS, the City desires to enter into a contract for services, and the Contractor represents itself as competent and qualified to accomplish the specific requirements of this contract to the satisfaction of the City, therefore this contract is entered into under the following terms and conditions:

1. The Contractor agrees to perform the services described below or in attachments if applicable. (Attachments must be specifically labeled; for example, "Attachment A, consisting of _____ pages, attached hereto and made a part hereof," and be initialed by authorized representatives of both parties.) Only those attachments specifically referenced in this Contract for Services shall apply. The terms and conditions as contained in this Contract for Services shall take precedence over any conflicting terms as may be attached hereto.

2. **Term of the Contract:** The start date for this Contract shall be _____ and the completion date of this Contract shall be _____.

3. **Contract Price:** The City shall pay the Contractor for the performance of the Contract in current funds, for the total quantities of work performed for the price of \$ _____.

4. **Contract Documents:** The Contract Documents consist of this Agreement, the Standard Bid and Contract Terms and Conditions, the Instructions to Bidders, the Contractor's bid as accepted by the City, the General and Special Conditions of the Work, the Technical Specifications, the drawings and all Addenda attached hereto.

The Contract Documents are complementary and what is called for by any one shall be as binding as if called for by all. In the event of any conflict or inconsistency between the provisions of this Agreement and the provisions of any of the other Contract Documents, the provisions of the Agreement shall prevail.

Reference to standard specifications, manuals or codes of any technical society, organization or association, or to the laws or regulations of any governmental authority, whether such reference be specific or by implication, shall mean the edition of the standard specification, manual, code or laws or regulations identified in the reference. In the event a particular edition is not identified, the reference shall mean the latest edition in effect at the time of receipt of the bid. However, no provision of any referenced standard specification, manual or code (whether or not specifically incorporated by reference in the Contract Documents) shall change the duties and responsibilities of the City, the Contractor or any of their consultants, agents or employees from those set forth in the Contract Documents.

5. **Obligations And Liability Of The Contractor:** The Contractor shall do all the work and perform and furnish all the labor, services, materials, equipment, plant, machinery, apparatus, appliances, tools, supplies and all other things (except as otherwise expressly provided herein) necessary and as herein specified for the proper performance and completion of the Work in the manner and within the time hereinafter specified, in strict accordance with the Drawings, Specifications and other Contract Documents, in conformity with the directions and to the satisfaction of the City, and at the prices herein agreed upon therefor.

All parts of the Work and all fixtures, equipment, apparatus and other items indicated on the Drawings and not mentioned in the Specifications, or vice versa, and all work and material usual and necessary to make the Work complete in all its parts, including all incidental work necessary to make it complete and satisfactory and ready for use and operation, whether or not they are indicated on the Drawings or mentioned in the Specifications, shall be furnished and executed the same as if they were called for both by the Drawings and by the Specifications.

The Contractor shall coordinate his operations with those of any other contractors who may be employed on other work of the City, shall avoid interference therewith, and shall cooperate in the arrangements for storage of materials and equipment.

The Contractor shall conduct his work so as to interfere as little as possible with private business and public travel. Wherever and whenever necessary or required, he shall maintain fences, furnish watchmen, maintain lights, and take such other precaution as may be necessary to protect life and property.

The Contractor shall indemnify and save harmless the City and its officers, agents, servants and employees, from and against any and all claims, demands, suits, proceedings, liabilities, judgments, awards, losses, damages, costs and expenses, including attorneys' fees, on account of bodily injury, sickness, disease or death sustained by any person or persons or injury or damage to or destruction of any property, directly or indirectly arising out of, relating to or in connection with the Work, whether or not due to or claimed to be due in whole or in part to the active, passive or concurrent negligence or fault of the Contractor, his officers, agents, servants or employees, any of his subcontractors, the City or any of their respective officers, agents, servants or employees and/or any other person or persons, and whether or not such claims, demands, suits or proceedings are just, unjust, groundless, false or fraudulent; and the Contractor shall and does hereby assume and agrees to pay for the defense of all such claims, demands, suits and proceedings, provided, however, that the Contractor shall not be required to indemnify the City, its officers, agents, servants, or employees, against any such damages occasioned solely by acts or omissions of the owner other than supervisory acts or omissions of the City in the Work.

The Contractor shall have complete responsibility for the Work and the protection thereof, and for preventing injuries to persons and damage to the Work and property and utilities on or about the Work, until final completion and final acceptance thereof. He shall in no way be relieved of his responsibility by any right of the City to give permission or directions relating to any part of the Work, by any such permission or directions given, or by failure of the City to give such permission or directions. The Contractor shall bear all costs, expenses, losses and damages on account of the quantity or character of the Work or the nature of the land (including but not limited to subsurface conditions) in or under or on which the Work is done being different from that indicated or shown in the Contract Documents or from what was estimated or expected, or on account of the weather, elements, or other causes.

The Contractor shall conduct his operations so as not to damage existing structures or work installed either by him or by other contractors. In case of any such damage resulting from his operations, he shall repair and make good as new the damaged portions at his own expense with the consent of the damaged party. In the event that consent is not given, the Contractor shall continue liable for the damage caused.

The Contractor shall be as fully responsible to the City for the acts and omissions of his subcontractors, their officers, agents, servants and employees as he is for his own acts and omissions and those of his own officers, agents, servants and employees.

Should the Contractor sustain any loss, damage or delay through any act or omission of any other contractor or any subcontractor of any such other contractor, the Contractor shall have no claim against the City therefor, other than for an extension of time, but shall have recourse solely to such other contractor or subcontractor.

If any other contractor or any subcontractor of any such other contractor shall suffer or claim to have suffered loss, damage or delay by reason of the acts or omissions of the Contractor or of any of his subcontractors, the Contractor agrees to assume the defense against any such claim and to reimburse such other contractor or subcontractor for such loss or damage.

The Contractor agrees to and does hereby indemnify and save harmless the City from and against any and all claims by such other contractors or subcontractors alleging such loss, damage or delay and from and against any and all claims, demands, suits, proceedings, liabilities, judgments, awards, losses, damages, costs and expenses, including attorneys' fees, arising out of, relating to or resulting from such claims.

The Contractor shall promptly pay all federal, state and local taxes which may be assessed against him in connection with the Work or his operations under this Agreement and/or the other Contract Documents, including, but not limited to, taxes attributable to the purchase of material and equipment, to the performance of services, and the employment of persons in the prosecution of the Work.

6. Supervision Of Work: The Contractor shall be solely responsible for supervision of the Work, shall give the work the constant attention necessary to ensure the expeditious and orderly progress thereof, and shall cooperate with the City, its officers, agents or employees in every possible way.

At all times, the Contractor shall have as his agent on the Work a competent superintendent capable of reading and thoroughly understanding the Drawings and Specifications, with full authority to execute the directions of the Engineer without delay and to supply promptly such labor, services, materials, equipment, plant, apparatus, appliances, tools, supplies and other items as may be required. Such superintendent shall not be removed from the Work without the prior written consent of the City. If, in the opinion of the City, the superintendent or any successor proves incompetent, the Contractor shall replace him with another person approved by the City; such approval, however, shall in no way relieve or diminish the Contractor's responsibility for supervision of the Work.

Whenever the Contractor or his agent or superintendent is not present on any part of the Work where it may be necessary to give directions or instructions with respect to such work, such directions or instructions may be given by the City to and shall be received and obeyed by the foreman or any other person in charge of the particular work involved.

7. Insurance: The Contractor shall procure and maintain insurance of the types specified below, and to the limits for this insurance specified in the Standard Bid and Contract Terms and Conditions and the City of New London Code of Ordinances, Article IV., Section 2-71. All insurance shall be obtained from companies satisfactory to the City.

Insurance shall be in such forms as will protect the Contractor from all claims and liability for damages for bodily and personal injury, including accidental death, and for property damage, which may arise from operations under the Contract, whether such operations be by himself, his subcontractors, or by anyone directly or indirectly employed or engaged by him.

The following types of insurance shall be provided before starting and until final completion and acceptance of the Work and expiration of the guarantee period provided for in the Agreement.

- a. Workmen's Compensation and Employer's Liability Insurance.
- b. Bodily Injury Insurance for operations and completed operations and Contractor's Protective Bodily Injury Insurance.
- c. Property Damage Insurance for operations and completed operations and Contractor's Protective Property Damage Insurance, each including coverage for injury to or destruction of wires or pipes and similar property and appurtenant apparatus and the collapse of or structural injury to any building or structure except those on which work under the Contract is being done. Blasting and explosion coverage shall be obtained if there is a need for blasting under the Contract, and no blasting shall be performed until such insurance has been secured.
- d. Bodily Injury Insurance covering the operation of all motor vehicles owned by the Contractor.
- e. Personal Injury Insurance to cover claims for personal injury and including claims brought by employees.
- f. Property Damage Insurance covering the operation of all motor vehicles owned by the Contractor.
- g. Insurance to cover bodily injuries and property damage resulting from the use of motor vehicles not owned by the Contractor, while such vehicles are being operated in connection with the prosecution of the Work.
- h. Contractual Liability Insurance covering the liability assumed by the Contractor under the fifth paragraph of that subsection titled "Obligations and Liability of Contractor" of this Agreement.
- i. Owner's Protective Liability and Property Damage Insurance to protect the City and any Engineer against claims for Property damage and for bodily injuries, including accidental death, caused by the operations of the Contractor or his subcontractors on the Work. The policy shall indicate the City and any Engineer as the named insured. A copy of the policy shall be furnished to the City and a Certificate of Insurance shall be furnished to any Engineer.

All policies shall be so written that the owner will be notified in writing of cancellation or restrictive amendment at least 30 days prior to the effective date of such cancellation or amendment.

Certificates from the Contractor's insurance carriers stating the coverages provided, the limits of liability, and expiration dates shall be filed in triplicate with the Engineer before operations are begun. Such certificates shall be on the form furnished by the Engineer.

Renewal certificates must be furnished by the Contractor prior to the expiration date of any of the initial insurances.

No insurance required or furnished hereunder shall in any way relieve the Contractor of or diminish any of his responsibilities, obligations and liabilities under the Contract.

8. Contract: This Agreement, which includes all the Contract Document elements listed in paragraph 1 above, forms the Contract between the parties identified in the heading of this document. In the event that any provision of the Contract conflicts with any other provision of this Contract, the decision of the City will be final.

9. Funding and Fiscal Year Appropriations: Appropriations for expenditures by the City and authorization to spend for a particular purpose are ordinarily made on a fiscal year basis. The fiscal year of the City is the twelve (12) month period ending June 30 of each year. The obligations of the City under this Contract for the present or any subsequent fiscal year following the fiscal year in which this Contract is executed are subject to the appropriation of funds sufficient to discharge the City's obligation, which accrues in this or any subsequent fiscal year. In the absence of such appropriation or authorization, this Contract shall be terminated immediately upon the Contractor's receipt of notice to said effect without liability for damages, penalties or other charges arising from early termination. Expenditures for Contracted services that will extend beyond a single fiscal year shall not exceed in any fiscal year the amount appropriated and authorized for said fiscal year. The Contractor's yearly costs, as contained herein, may not exceed the amount appropriated for said year.

10. Termination: The Contract may be terminated without cause by either party by giving written notice to the other at least thirty (30) calendar days prior to the effective date of termination stated in the notice. If Contractor fails to fulfill his obligations, the City may terminate this Contract by giving written notice to the Contractor at least seven (7) calendar days before the effective date of termination stated in the notice. The notice shall state the circumstances of the alleged breach and may state a period during which the alleged breach may be cured, which cure shall be subject to approval by the City.

11. Obligations in Event of Termination:

A. Upon termination, all finished or unfinished documents, data, studies, and reports prepared by the Contractor pursuant to this Contract, shall become the property of the City.

B. The City shall promptly pay the Contractor for all services performed to the effective date of termination, subject to indemnification provisions of Paragraph 5 hereof and subject to offset of sums due the Contractor against sums owed by the Contractor to the City.

12. Record keeping, Audit, and Inspection of Records: The Contractor shall maintain books, records and other compilations of data pertaining to the requirements of the Contract to the extent and in such detail as shall properly substantiate claims for payment under the Contract. All such records shall be kept for a period of six (6) years or for such longer period as is specified herein. All retention periods start on the first day after final payment under this Contract. If any litigation, claim, negotiation, audit or other action involving the records is commenced prior to the expiration of the applicable retention period, all records shall be retained until completion of the action and resolution of all issues resulting therefrom, or until the end of the applicable retention period, whichever is later. The Federal grantor agency, the State Auditor, the City, or any of their duly authorized representatives or designees shall have the right at reasonable times and upon reasonable notice, to examine and copy, at reasonable expense, the books, records, and other compilations of data of the Contractor which pertain to the provisions and requirements of this Contract. Such access shall include on-site audits, review, and copying of records.

13. Publicity, Publication, Reproduction and Use of Contract Products or Materials: Unless provided otherwise by law or the City, title and possession of all data, reports, programs, software, equipment, furnishings, and any other documentation or product paid for with City funds shall vest with the City at the termination of the Contract. The Contractor shall at all times obtain the prior written approval of the City before it, any of its officers, agents, employees or subcontractors, either during or after termination of the Contract, makes any statement bearing on the work performed or data collected under this Contract to the press or issues any material for publication through any medium of communication. If the Contractor, or any of its subcontractors, publishes a work dealing with any aspect of performance

under the Contract, or of the results and accomplishments attained in such performance, the City shall have a royalty-free non-exclusive and irrevocable license to reproduce, publish or otherwise use and to authorize others to use the publication. The Contractor shall use reasonable means to inform the public that the City provides financial support for its operations and services by explicitly stating on publicity material, stationery, posters and other written materials, and on its premises the following: "This program is supported in part (in full) by the City of New London."

14. Assignment by Contractor and Subcontracting: The Contractor shall not assign or in any way transfer any interest in this Contract without the prior written consent of the City, nor shall he subcontract any services without the prior written approval of the City.

15. Connecticut Law: It is agreed that this contract shall be governed by, construed, and enforced in accordance with the internal laws of the State of Connecticut.

16. Venue: In the event of litigation, the parties do agree to be contractually bound to submit themselves to the personal jurisdiction of the state courts of Connecticut. The venue for any court proceeding shall be in the Superior Court for the Judicial District for New London at New London, Connecticut.

17. Waiver of Jury Trial: CONTRACTOR HEREBY EXPRESSLY WAIVES ANY AND ALL RIGHTS IT MAY HAVE TO TRIAL BY JURY OF ANY CLAIM, DEMAND, ACTION OR CAUSE OF ACTION (1) ARISING UNDER THIS AGREEMENT OR ANY OTHER INSTRUMENT, DOCUMENT OR AGREEMENT EXECUTED OR DELIVERED IN CONNECTION HERewith, OR (2) IN ANY WAY CONNECTED WITH OR RELATED OR INCIDENTAL TO THE DEALINGS OF THE PARTIES HERETO OR ANY OF THEM WITH RESPECT TO THIS AGREEMENT OR ANY OTHER INSTRUMENT, DOCUMENT OR AGREEMENT EXECUTED OR DELIVERED IN CONNECTION HERewith, OR THE TRANSACTIONS RELATED HERETO OR THERETO, IN EACH CASE WHETHER NOW EXISTING OR HEREAFTER ARISING, AND WHETHER SOUNDING IN CONTRACT OR TORT OR OTHERWISE; AND CONTRACTOR HEREBY AGREES AND CONSENTS THAT ANY SUCH CLAIM, DEMAND, ACTION OR CAUSE OF ACTION SHALL BE DECIDED BY COURT TRIAL WITHOUT A JURY, AND THE CITY MAY FILE AN ORIGINAL COUNTERPART OR A COPY OF THIS SECTION WITH ANY COURT AS WRITTEN EVIDENCE OF CONTRACTOR'S CONSENT TO THE WAIVER OF ITS RIGHT TO TRIAL BY JURY.

18. Nondiscrimination and affirmative action provisions, nondiscrimination provisions regarding sexual orientation, Executive Order Number Three and guidelines and rules, Executive Order Number Seventeen, Executive Order Number Sixteen and sexual harassment policy:

For the purposes of this article, the word "contractor" is substituted for and has the same meaning and effect as if it read "Contractor's name." Section A of this article is inserted in connection with subsection (a) of Section 4a-60 of the General Statutes of Connecticut, as revised. Section B of this article is inserted in connection with subsection (a) of Section 4a-60a of the General Statutes of Connecticut, as revised.

A. (a) For the purposes of this section, "minority business enterprise" means any small contractor or supplier of materials fifty-one percent or more of the capital stock, if any, or assets of which is owned by a person or persons: (1) who are active in the daily affairs of the enterprise, (2) who have the power to direct the management and policies of the enterprise, and (3) who are members of a minority, as such term is defined in subsection (a) of Conn. Gen. Stat. Section 32-9n; and "good faith" means that degree of diligence which a reasonable person would exercise in the performance of legal duties and obligations. "Good faith efforts" shall include, but not be limited to, those reasonable initial efforts necessary to comply with statutory or regulatory requirements and additional or substituted efforts when it is determined that such initial efforts will not be sufficient to comply with such requirements.

For the purposes of this section, "Commission" means the Commission on Human Rights and Opportunities.

For the purposes of this section, "public works contract" means any agreement between any individual, firm, or corporation and the State or any political subdivision of the State other than a municipality for construction, rehabilitation, conversion, extension, demolition or repair of a public building, highway or other changes or improvements in real property, or which is financed in whole or in part by the State, including, but not limited to, matching expenditures, grants, loans, insurance, or guarantees.

(b) (1) The contractor agrees and warrants that in the performance of the contract such contractor will not discriminate or permit discrimination against any person or group of persons on the grounds of race, color, religious creed, age, marital status, national origin, ancestry, sex, mental retardation, or physical disability, including, but not limited to, blindness,

unless it is shown by such contractor that such disability prevents performance of the work involved, in any manner prohibited by the laws of the United States or of the State of Connecticut. The contractor further agrees to take affirmative action to insure that applicants with job-related qualifications are employed and that employees are treated when employed without regard to their race, color, religious creed, age, marital status, national origin, ancestry, sex, mental retardation, or physical disability, including, but not limited to, blindness, unless it is shown by such contractor that such disability prevents performance of the work involved; (2) the contractor agrees, in all solicitations or advertisements for employees placed by or on behalf of the contractor, to state that it is an "affirmative action-equal opportunity employer" in accordance with regulations adopted by the Commission; (3) the contractor agrees to provide each labor union or representative of workers with which such contractor has a collective bargaining agreement or other contract or understanding and each vendor with which such contractor has a contract or understanding, a notice to be provided by the Commission advising the labor union or workers' representative of the contractor's commitments under this section, and to post copies of the notice in conspicuous places available to employees and applicants for employment; (4) the contractor agrees to comply with each provision of this section and Conn. Gen. Stat. Sections 46a-68e and 46a-68f and with each regulation or relevant order issued by said commission pursuant to Conn. Gen. Stat. Sections 46a-56, 46a-68e, and 46a-68f; (5) the contractor agrees to provide the Commission on Human Rights and Opportunities with such information requested by the Commission, and permit access to pertinent books, records, and accounts concerning the employment practices and procedures of the contractor as they relate to the provisions of this section and Conn. Gen. Stat. Section 46a-56. If the contract is a public works contract, the contractor agrees and warrants that he will make good faith efforts to employ minority business enterprises as subcontractors and suppliers of materials on such public works project.

(c) Determination of the contractor's good faith efforts shall include, but shall not be limited to, the following factors: The contractor's employment and subcontracting policies, patterns and practices; affirmative advertising, recruitment and training; technical assistance activities and such other reasonable activities or efforts as the Commission may prescribe that are designed to ensure the participation of minority business enterprises in public works projects.

(d) The contractor shall develop and maintain adequate documentation, in a manner prescribed by the Commission, of its good faith efforts.

(e) The contractor shall include the provisions of subsection (b) of this section in every subcontract or purchase order entered into in order to fulfill any obligation of a contract with the State and such provisions shall be binding on a subcontractor, vendor, or manufacturer unless exempted by regulations or orders of the Commission. The contractor shall take such action with respect to any such subcontract or purchase order as the Commission may direct as a means of enforcing such provisions including sanctions for noncompliance in accordance with Conn. Gen. Stat. Section 46a-56; provided, if such contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the Commission, the contractor may request the State of Connecticut to enter into any such litigation or negotiation prior thereto to protect the interests of the State and the State may so enter.

(f) The contractor agrees to comply with the regulations referred to in this section as they exist on the date of this contract and as they may be adopted or amended from time to time during the term of this contract and any amendments thereto.

B. (a) (1) The contractor agrees and warrants that in the performance of the contract such contractor will not discriminate or permit discrimination against any person or group of persons on the grounds of sexual orientation, in any manner prohibited by the laws of the United States or of the State of Connecticut, and that employees are treated when employed without regard to their sexual orientation; (2) the contractor agrees to provide each labor union or representative of workers with which such contractor has a collective bargaining agreement or other contract or understanding and each vendor with which such contractor has a contract or understanding, a notice to be provided by the Commission on Human Rights and Opportunities advising the labor union or workers' representative of the contractor's commitments under this section, and to post copies of the notice in conspicuous places available to employees and applicants for employment; (3) the contractor agrees to comply with each provision of this section and with each regulation or relevant order issued by said commission pursuant to Section 46a-56 of the Connecticut General Statutes; (4) the contractor agrees to provide the Commission on Human Rights and Opportunities with such information requested by the Commission, and permit access to pertinent books, records, and accounts concerning the employment practices and procedures of the contractor that relate to the provisions of this section and Section 46a-56 of the Connecticut General Statutes.

(b) The contractor shall include the provisions of subsection (a) of this section in every subcontract or purchase order entered into in order to fulfill any obligation of a contract with the State and such provisions shall be binding on a subcontractor, vendor, or manufacturer unless exempted by regulations or orders of the Commission. The contractor shall

take such action with respect to any such subcontract or purchase order as the Commission may direct as a means of enforcing such provisions including sanctions for noncompliance in accordance with Section 46a-56 of the Connecticut General Statutes; provided, if such contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the Commission, the contractor may request the State of Connecticut to enter into any such litigation or negotiation prior thereto to protect the interests of the State and the State may so enter.

(c) The contractor agrees to comply with the regulations referred to in this section as they exist on the date of this contract and as they may be adopted or amended from time to time during the term of this contract and any amendments thereto.

C. This contract is subject to the provisions of Executive Order No. Three of Governor Thomas J. Meskill promulgated June 16, 1971, and, as such, this contract may be cancelled, terminated, or suspended by the State Labor Commissioner for violation of or noncompliance with said Executive Order No. Three, or any State or federal law concerning nondiscrimination, notwithstanding that the State Labor Commissioner is not a party to this contract. The parties to this contract, as part of the consideration hereof, agree that said Executive Order No. Three is incorporated herein by reference and made a part hereof. The parties agree to abide by said Executive Order and agree that the State Labor Commissioner shall have continuing jurisdiction in respect to contract performance in regard to nondiscrimination, until the contract is completed or terminated prior to completion.

The contractor agrees, as part consideration hereof, that this contract is subject to the Guidelines and Rules issued by the State Labor Commissioner to implement Executive Order No. Three, and that he will not discriminate in his employment practices or policies, will file all reports as required, and will fully cooperate with the State of Connecticut and the State Labor Commissioner.

D. This contract is subject to the provisions of Executive Order No. Seventeen of Governor Thomas J. Meskill promulgated February 15, 1973, and, as such, this contract may be cancelled, terminated, or suspended by the contracting agency or the State Labor Commissioner for violation of or noncompliance with said Executive Order No. Seventeen, notwithstanding that the State Labor Commissioner may not be a party to this contract. The parties to this contract, as part of the consideration hereof, agree that Executive Order No. Seventeen is incorporated herein by reference and made a part hereof. The parties agree to abide by said Executive Order and agree that the contracting agency and the State Labor Commissioner shall have joint and several continuing jurisdiction in respect to contract performance in regard to listing all employment openings with the Connecticut State Employment Service.

E. This contract is subject to the provisions of Executive Order No. Sixteen of Governor John G. Rowland promulgated August 4, 1999, and, as such, the contract may be canceled, terminated, or suspended by the State for violation of or noncompliance with said Executive Order No. Sixteen. Executive Order No. Sixteen is attached hereto and made a part hereof. The parties agree to comply with such executive order. In addition, the contractor agrees to include a copy of Executive Order No. Sixteen, and the requirement to comply with said executive order, in all contracts with its contractors, subcontractors, consultants, sub-consultants, and vendors.

F. This contract is subject to the provisions of the City of New London Sexual Harassment Policy ("Policy") and, as such, the contract may be canceled, terminated, or suspended by the City in the event that the contractor, its employees, contractors, subcontractors, consultants, sub-consultants, or vendors engages in behavior prohibited by the provisions of the Policy (a copy of the Policy is attached hereto). The contractor agrees to include a copy of the Policy, and the requirement to prevent behavior as defined in such Policy, in all contracts with its contractors, subcontractors, consultants, sub-consultants, and vendors.

19. Force Majeure: Neither party shall be liable to the other or be deemed to be in breach of this Contract for any failure or delay in rendering performance arising out of causes beyond its reasonable control and without its fault or negligence. Such causes may include, but are not limited to, acts of God or of a public enemy, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, or unusually severe weather. Dates or times of performance shall be extended to the extent of delays excused by this section, provided that the party whose performance is affected notifies the other promptly of the existence and nature of such delay.

20. Compliance with Laws and Indemnification of the City of New London: The Contractor shall comply with all applicable laws, rules, regulations, ordinances, orders or requirements of the State of Connecticut and any governmental authority relating to the delivery of the services specified in this Contract. The City may require the Contractor to pay fines, penalties, and damages that may arise out of or may be imposed because of, the Contractor's breach or failure to comply with the provisions of this Contract. Unless otherwise provided by law the Contractor shall indemnify and hold harmless the City, its agents, officers and employees against any and all liability, loss,

damages, penalties, costs or expenses for personal injury or damage to real or tangible personal property which the City may sustain, incur or be required to pay resulting from, arising out of, or in connection with the services performed or delivered under this Contract by reason of acts, inactions, omissions, negligence, reckless or intentional misconduct of the Contractor, its agent(s), officers, employees or subcontractors; provided that the Contractor is notified of any claim within a reasonable time after the City becomes aware of it, and the Contractor is afforded an opportunity to participate in the defense of such claim. In such event, no negotiated settlement agreement shall be binding on the Contractor without the Contractor's concurrence.

21. Waivers And Severability: All conditions, covenants, duties and obligations contained in this Contract can be waived only by written agreement. Forbearance or indulgence in any form or manner by a party shall not be construed as a waiver, nor in any way limit the legal or equitable remedies available to that party. A waiver or breach of any term, condition, or covenant by a party shall not constitute a waiver or breach of any other term, condition or covenant. If any court of competent jurisdiction declares a provision of this Agreement invalid, illegal, or otherwise unenforceable, the remaining provisions of the Agreement shall remain in full force and effect.

22. Amendments: No amendment to this Contract shall be effective unless it is signed by authorized representatives of both parties and complies with all other regulations and requirements of law.

23. Entire Agreement: The parties understand and agree that this Contract and attachments (if any), which includes all Contract Documents, supersede all other verbal and written agreements and negotiations by the parties relating to the services under this Contract.

24. Notice: Unless otherwise specified in an attachment hereto, any notice hereunder shall be in writing addressed to the persons and addresses indicated in the caption of this Contract on page 1.

IN WITNESS WHEREOF, the parties hereto have caused this AGREEMENT to be executed in two (2) original copies on the day and year first above written.

OWNER:

CONTRACTOR:

Its Duly Authorized Agent

Its Duly Authorized Agent

Approved as to form:

Thomas J. Londregan, Esq., Director of Law

Date Signed _____

LABOR AND MATERIAL PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS:

That _____, as Principal
(hereinafter called Principal) and _____
as Surety, (hereinafter called Surety) are held and firmly bound unto _____
_____ as Obligee (hereinafter called Owner), for the use and
benefit of claimants as hereinbelow defined;
in the amount of _____ Dollars (\$
_____) for the payment whereof the Principal and Surety bind themselves, their heirs, executors,
administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, Principal has by written agreement dated _____ entered into a Contract with the
owner for _____

_____ which Contract is by reference made a part hereof, and is hereinafter referred to as the Contract.

NOW, THEREFORE, the condition of this obligation is such that, if the said Principal shall promptly pay for all materials furnished and labor supplied or performed in the prosecution of the work included in and under the aforesaid Contract, whether or not the material or labor enters into and becomes a component part of the real asset, then this obligation shall be null and void otherwise it shall remain in full force and effect.

PROVIDED, that any alterations which may be made in the terms of the Contract or in the work to be done under it, or the giving by the Owner or any other forbearance on the part of either the Owner or the Principal to the other shall not in any way release the Principal and the Surety or either or any of them, their heirs, executors, administrators, successors or assigns from their liability hereunder, notice to the Surety for any such alterations, extension or forbearance being hereby waived.

Any party, whether a subcontractor or otherwise, who furnished materials or supplies or performs labor or services in the prosecution of the work under said Contract, and who is not paid therefore, may bring a suit on this Bond in the name of the person suing, prosecute the same to a final judgment and have the execution thereon for such sum as may be justly due.

IN WITNESS WHEREOF, the above-bounded parties have executed this instrument under their several seals this _____ day of _____, 20____, the name and corporate seal of each corporate party being hereto affixed and these presents signed by its undersigned representative, pursuant to authority of its governing body.

(Corporate Principal)

Attest:

(Business Address)

_____ By

Affix
Corporate
Seal

(Corporate Surety)

Attest:

(Business Address)

_____ By

Affix
Corporate
Seal

Countersigned
by _____

Attorney-in-Fact, State of _____, Power-of- Attorney for person signing for
Surety Company must be attached to Bond.

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS:

That _____ as Principal, hereinafter called Contractor, and _____ as Surety, hereinafter called Surety, are held and firmly bound unto _____ as Obligee, hereinafter called Owner, in the amount of _____ Dollars (\$ _____), for payment whereof Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, Contract has by written agreement dated _____ entered into a Contract with Owner for _____

_____ which Contract is by reference made a part hereof, and is hereinafter referred to as the Contract.

NOW, THEREFORE, the condition of this obligation is such that, if Contractor shall promptly and faithfully perform said Contract, including such remedial work as may be required under the guaranty during the period of guaranty and shall certify in writing that all wages paid under said Contract to any mechanic, laborer or workman were equal to the rates or wages customary or then prevailing for the same trade or occupation in Connecticut, then this obligation shall be null and void, otherwise it shall remain in full force and effect.

The Surety hereby waives notice of any alteration or extension of time made by the Owner.

Whenever Contractor shall be, and declared by Owner to be in default under the Contract, the Owner having performed Owner's obligations thereunder, the Surety may promptly remedy the default or shall promptly:

- (1) Complete the Contract in accordance with its terms and conditions, by another Contractor acceptable to the Owner, said other Contractor to act as an agent for the Surety, or
- (2) Obtain a Bid or Bids for submission to the Owner for completing the Contract in accordance with its terms and conditions, and upon determination by the Owner and Surety of the lowest responsible Bidder, arrange for a Contract as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the contract price, but not exceeding, including, other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The terms "balance of the contract price", as used in this paragraph, shall mean the total amount payable by the Owner to the Contractor under the Contract and any amendments thereto, less the amount properly paid by the Owner to the Contractor.

Unless otherwise required by law, any suit under this Bond must be instituted before the expiration of one (1) year from the date on which the guaranty period under the Contract expires.

No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Owner named herein or the heirs, executors, administrators and successors of the Owner.

IN WITNESS WHEREOF, the above-bounded parties have executed this instrument under their several seals this _____ day of _____, 20____, the name and corporate seal of each corporate party being hereto affixed and these presents signed by its undersigned representative, pursuant to authority of its governing body.

No extension of time or other modification of this Bid Bond shall be valid unless agreed in writing by the parties to this Bond.

(Corporate Principal)

Attest:

(Business Address)

By

Affix
Corporate Seal

(Corporate Surety)

Attest:

(Business Address)

By

Affix
Corporate Seal

Countersigned
by _____

Attorney-in-Fact, State of _____, Power-of- Attorney for person signing for Surety Company must be attached to Bond.

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____ certify that I am the _____ of the Corporation named as Principal in the within bond; that _____ who signed the said bond on behalf of the Principal was then the _____ of said corporation; that I know his signature, and his signature thereto is genuine; and that said bond was duly signed, sealed, and attested to for and in behalf of said corporation by authority of this governing body.

Affix
Corporate Seal

Title _____

BID FORMS



City of New London

Department of Finance-Purchasing Agent
13 Masonic Street • New London, CT 06320 • Phone (860) 447-5215 • Fax (860) 447-5297

Bid Proposal Form Page 1 of 2

Bid No.: 2009-05	Bid Opening Date:	Bid Opening Time: 2:00 P.M.	Bid Surety: 10%	Date Issued:
----------------------------	--------------------------	---------------------------------------	---------------------------	---------------------

Commodity Code/Sub-Commodity Code and Description:

Installation and Warranty Maintenance of One (1) Passenger Elevator System in an Existing Hoistway Space at the Water Street Parking Garage

Invitation for Bids: Pursuant to the provisions of Section 2-69 of the Code of Ordinances of the City of New London, sealed bids will be received by the Purchasing Agent for the City of New London, at the address above for furnishing the commodities and/or services herein listed.

IMPORTANT: Both pages of this form must be completed, signed and returned by the bidder as part of the bid package. Failure to submit all pages of this form may constitute grounds for rejection of your bid.

NOTE: Proposer means Individual/Sole Proprietor, Partnership or Corporation name.

Section 1 of 3 – Proposer Information

Complete Company Name (Trade Name, Doing Business As)		SSN or FEIN
Company Address	Street	City State Zip Code
Contact Name (Typed or Printed)	Telephone Number (Include Toll-Free Numbers)	FAX Number
Written Signature of Person Authorized to Sign Proposals on Behalf of the Above Named Company		Date Executed
Type or Print Name of Authorized Person		Title of Authorized Person
Company's E-Mail Address		Company's Web Site
Is Your Business a: <input type="checkbox"/> Proprietorship (Individual), <input type="checkbox"/> Partnership or <input type="checkbox"/> Corporation? (Type of Corporation -)		
Is Your Business Currently a State of Connecticut Certified Small Business? <input type="checkbox"/> Yes (Attach Certificate Copy to Bid) <input type="checkbox"/> No		
If your business is a Partnership , you must attach the names and titles of all partners to this bid when returned.		
If your business is a Corporation , in which State are you incorporated?		
Is your business reportable to the IRS? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, a 1099W2 will be mailed to you at year end.		
Remittance Information: In this box indicate the Remittance Address of your business if different from above.		



City of New London

Department of Finance-Purchasing Agent
13 Masonic Street • New London, CT 06320 • Phone (860) 447-5215 • Fax (860) 447-5297

Bid Proposal Form Page 2 of 2

Section 2 of 3 Important Information for Proposers

AFFIRMATION OF PROPOSER: The undersigned proposer affirms and declares:

1. That this proposal is executed and signed by said bidder with full knowledge and acceptance of the provisions of the Standard Proposal and Contract Terms and Conditions of current issue and in effect on the date of bid issue. These Standard Proposal and Contract Terms and Conditions are made a part of the contract.
2. That should any part of this proposal be accepted in writing by the City of New London within thirty (30) days from the date of proposal opening unless and earlier for acceptance is specified by the proposer the proposal schedule, said proposer will furnish and deliver the commodities and/or services for which this proposal is made, in the quantities and at the prices proposed, and in compliance with the provisions of the STANDARD PROPOSAL AND CONTRACT TERMS AND CONDITIONS, COMMODITY SPECIFICATIONS, PROPOSAL SCHEDULE AND SPECIAL PROPOSAL AND CONTRACT TERMS AND CONDITIONS. Should award of any part of this proposal be delayed beyond the period of thirty (30) days or an earlier date specified by the proposer in the proposal schedule, such award shall be conditioned on the proposer's acceptance.
3. Acceptance of the conditions set forth herein, agreement in strict accordance therewith, and will furnish and deliver the commodities and/or services to the City of New London at the prices bid therein.
4. Should the Purchasing Agent determine that the proposer has not completed Section 1 – Proposer Debarment and/or Suspension included as part of this document, then such determination may be just cause for disqualification from the evaluation of this proposal.

Section 3 of 3 – Proposer Debarment and/or Suspension

Has the above signed bidder, any company official, or any subcontractor to the bidder, received any notices of debarment and/or suspension from contracting with the State of Connecticut, the Federal Government or any other governmental agency?

Yes No

Has the above signed bidder and/or any company official or any subcontractor to the bidder and/or any company official received any notices of debarment and/or suspension from contracting with other states within the United States?

Yes No

If the above signed bidder and/or company official or any subcontractor to the bidder and/or any company official **has** received notices of debarment and/or suspension from contracting with the State of Connecticut, other states within the United States or the Federal Government, said notices must be attached to this document when submitting this proposal.

Number of notices attached _____



City of New London

Department of Finance-Purchasing Agent
 13 Masonic Street • New London, CT 06320 • Phone (860) 447-5215 • Fax (860) 447-5297

Bid Schedule

Bid No.:
2009-05

William R. Hathaway
 Purchasing Agent

 (860)447-5215
 Telephone Number

BID SCHEDULE
 for Bid No. 2009-05

IMPORTANT!
RETURN ORIGINAL AND ONE COPY

DELIVERY:

TERMS: CASH DISCOUNT:
 Days %

Payment terms are **Net 45 days**. Any deviation may result in bid rejection.
 Proposal prices shall include transportation charges FOB City of New London.

 Page 1 of 2

BIDDER NAME:

SSN or FEIN:

Item No.	Description of Commodity and/or Services	Total Price
1.	Installation and warranty maintenance of one (1) hydraulic passenger elevator as specified Elevator Manufacturer: _____ Elevator Model No.: _____	\$ _____
2.	Demolition of the existing machine room space, proper disposal of resultant debris and construction of a new code compliant machine room	\$ _____
Base Bid (Item Nos. 1 & 2) Total		\$ _____
MRL Alternate		
3	Installation of one (1) machine room less elevator as specified Elevator Manufacturer: _____ Elevator Model No.: _____	\$ _____
4	Demolition of the existing machine room space, proper disposal of resultant debris and construction of a new code compliant controller closet	\$ _____
MRL Alternate (Item Nos. 3 & 4) Total		\$ _____



City of New London

Department of Finance-Purchasing Agent
 13 Masonic Street • New London, CT 06320 • Phone (860) 447-5215 • Fax (860) 447-5297

Bid Schedule

Bid No.: 2009-05

William R. Hathaway
 Purchasing Agent

 (860)447-5215
 Telephone Number

BID SCHEDULE
 for Bid No. 2009-05

IMPORTANT!
RETURN ORIGINAL AND ONE COPY

DELIVERY:

TERMS:	CASH DISCOUNT: %
	Days

Payment terms are **Net 45 days**. Any deviation may result in bid rejection.
 Proposal prices shall include transportation charges FOB City of New London.

 Page 2 of 2

BIDDER NAME:

SSN or FEIN:

Item No.	Description of Commodity and/or Services	Total Price
	<p>Hourly Labor Cost (including fringe benefits)</p> <p>A. Team: _____ per hour</p> <p>B. Adjuster: _____ per hour</p> <p>C. Mechanic: _____ per hour</p> <p>D. Helper: _____ per hour</p> <p>E. Operator: _____ per hour</p> <p>Wholesale Metal and Metal Products Index for the month of _____</p>	

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we _____

_____ as Principal, and _____
a corporation duly organized under the laws of the State of _____ as Surety are held and
firmly bound unto the **City of New London, 181 State Street, New London, CT 06320**, hereinafter called the
"Owner" in the sum of _____ Dollars (\$ _____), for the
payment of which sum well and truly to be made, the said Principal and Surety, bind ourselves, our heirs, executors,
administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid dated _____ to

NOW THEREFORE, if the Owner shall accept the bid of the Principal and the Principal shall enter into a Contract with the Owner in accordance with
the terms of such bid and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the
faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure
of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Owner the difference not to exceed the penalty
hereof between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform
the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this _____ day of _____ 200.

(Seal)

(Principal)

(Witness)

(Title)

(Surety)

(Seal)

(Witness)

(Title)

Attorney-in-Fact, State of _____, Power-of-Attorney for person signing for
Surety Company must be attached to Bond.

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____ certify that I am the _____
_____, of the Corporation named as Principal in the within bond; that ___
_____ who signed the said bond on behalf of the Principal was then the _____
_____ of said corporation; that I know his signature, and his signature
thereto is genuine; and that said bond was duly signed, sealed, and attested to for and in behalf of said corporation by
authority of this governing body.

_____ Affix
Corporate
Seal

Title _____

NON COLLUSION AFFIDAVIT OF PRIME BIDDER

State of _____)
County of _____) ss.

_____, being first duly sworn,
deposes and say that:

- as
- (1) He is _____ of _____ herein referred to the "Bidder" that has submitted the attached bid;
 - (2) He is fully informed respecting the preparation and content of the attached Bid and of all pertinent circumstances respecting such Bid;
 - (3) Such Bid is genuine and is not a collusive or sham Bid;
 - (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit or cost element of the Bid price or the Bid price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the _____ (Owner) or any person interested in the proposed Contract; and
 - (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties of interest, including this affiant.

Signed _____

Title _____

Subscribed and sworn before me this

_____ day of _____ 20____

(Notary Public)

My Commission expires _____

NON COLLUSION AFFIDAVIT OF SUBCONTRACTOR

State of _____)
) ss.
County of _____)

_____, being first duly sworn,
deposes and says that:

- (1) He is _____ of _____ herein referred to as the "Subcontractor";
- (2) He is fully informed respecting the preparation and content of the Subcontractor's Proposal submitted by the Subcontractor to _____, the Contractor for certain work in connection with the _____ Contract pertaining to the Project in New London, Connecticut;
- (3) Such Subcontractor's Proposal is genuine and is not a collusive or sham Bid;
- (4) Neither the said Subcontractors nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner directly or indirectly, sought by agreement or collusion or communication or conference with
- (5) any other Bidder, firm or person to fix the price or prices in said Subcontractor's Proposal or to fix any overhead, profit or cost element of the Bid price or the Bid price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the _____ (Owner) or any person interested in the proposed Contract; and
- (5) The price or prices quoted in the attached Subcontractor's Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties of interest, including this affiant.

Signed _____

Title _____

Subscribed and sworn before me this

_____ day of _____ 20____

(Notary Public)

My Commission expires _____

Statement of Bidder's Qualifications

All items and questions must be answered and the data given must be clear and comprehensive. This statement must be notarized. If necessary, questions may be answered on separate attached sheets. The bidder may submit any additional information it desires.

1. Name of Bidder _____
2. Permanent main office address _____

3. When organized _____
4. If corporation, where incorporated _____
5. Number of years have you been engaged in the contracting business under your present firm or trade name _____
6. Contracts on hand: (Schedule these showing amount of each contract and the appropriate anticipated dates of completion) _____

7. General character of work performed by your company _____

8. Have you ever failed to complete any work awarded to you? If so, where and why? _____

9. Have you ever defaulted on a contract? If so, where and why? _____

10. List the more important projects recently completed by your company, stating the approximate cost for each, and the month and year completed (use a separate sheet if necessary) _____

11. List your major equipment available for this Contract _____

12. List your experience in work similar to this project _____

13. List the background and experience of the principal members of your organization, including officers _____

14. List the work to be done by Subcontractors and summarize the dollar value of each Subcontract

15. Credit available \$ _____

16. Give Bank reference _____

17. Will you, upon request, fill out a detailed financial statement and furnish any other information that may be required by the Owner? _____

18. The undersigned hereby authorizes and requests any person, firm or corporation to furnish any information requested by the Owner in verification of the recitals comprising this Statement of Bidder's Qualifications.

Dated _____ (Name of Bidder)

By _____

Title _____

State of _____)
) ss.

County of _____)

_____ being duly sworn deposes and says that (s)he is _____

_____ of _____

_____, and that the answers to the foregoing items and questions and all statements therein contained are true and correct.

Subscribed and sworn to before me this

_____ day of _____ 2008

(Notary Public)

My Commission expires _____

AFFIRMATIVE ACTION POLICY STATEMENT
(must be submitted on your firm's letterhead)

It has always been the policy and will continue to be the strong commitment of _____ and all contractors and subcontractors who do business with this City to provide equal opportunities in employment to all qualified persons solely on the basis of job-related skills, ability and merit. _____ will continue to take Affirmative Action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, sex, national origin, ancestry, mental disorder (present or past history thereof), age, physical disability (but not limited to blindness), marital status, mental retardation, and criminal record. Such action includes, but is not limited to, employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation and selection for training including apprenticeship. _____, and its subcontractors will continue to make good faith efforts to comply with all federal and state laws and policies which speak to equal employment opportunity.

The principles of Affirmative Action are addressed in the 13th, 14th, and 15th Amendments of the United States Constitution, Civil Rights Act of 1866, 1870, 1871, Equal Pay Act of 1963, Title VI and VII of - the 1964 United States Civil Rights Act, Presidential Executive Orders 11246, amended by 11375, (nondiscrimination under federal contracts), Act I, Sections 1 and 20 of the Connecticut Constitution, Governor Grasso's Executive Order Number 11, Governor O'Neill's Executive Order Number 9, the Connecticut Fair Employment Practices Law (Sec. 46a-60-69) of the Connecticut General Statutes, Connecticut Code of Fair Practices (46a-70-81), Deprivation of Civil Rights (46a-58(a)(d)), Public Accommodations Law (46a-63-64), Discrimination against Criminal Offenders (46a-80), definition of Blind (46a-51(1)), definition of Physically Disabled (46a-51(15)), definition. of Mentally Retarded (46a-51(13)), cooperation with the Commission on Human Rights and Opportunities (46 - 77), Sexual Harassment (46a-60(a)-8), Connecticut Credit Discrimination Law (36-436 through 439), Title I of the State and Local Fiscal Assistance Act of 1972.

This Affirmative Action Policy Statement re-affirms my personal commitment to the principles of Equal Employment Opportunity.

DATE

Signature of Authorized Signer

CERTIFICATION OF BIDDER REGARDING
EQUAL EMPLOYMENT OPPORTUNITY

INSTRUCTIONS

This certification is required pursuant to Executive Order 11246 Part II, Section 203(b), (30F.R. 1231925). The implementing rules and regulations provide that any bidder or prospective contractor, or any of its proposed subcontractors, shall state whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicated that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven (7) calendar days after bid opening. No contract shall be awarded unless such report is submitted.

CERTIFICATION BY BIDDER

Bidder's Name _____

Address and Zip Code _____

1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.

Yes () No () If answer is yes, identify the most recent contract.

2. Compliance reports were required to be filed in connection with such contract or subcontract

Yes () No () If answer is yes, identify the most recent contract.

3. Bidder has filed all compliance reports due under applicable instructions, including SF. 100.

Yes () No () Not Required ()

4. If answer to Item 3 is "No" please explain in detail on reverse side of this Certification.

Certification - The information above is true and complete to the best of my knowledge and belief. A willfully false statement is punishable by law (U.S. Code, Title 18, Section 1001).

Name and Title of Signer (Please Type)

Signature

Date

CERTIFICATION OF NON-SEGREGIATED FACILITIES

This Bidder certifies that he does not maintain or provide his employees any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The Bidder certifies further that he will not maintain or provide for his employees any segregated facilities at any of his establishments, and that he will not permit his employees to perform their services at any locations, under his control, where segregated facilities are maintained. The Bidder agrees that a breach of his certification will be a violation of the Equal Opportunity clause and any Contract resulting from acceptance of this Bid. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, timeclocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are, in fact, segregated on the basis of race, color, religion or national origin, because of habit, local custom or otherwise. The Bidder agrees that (except where he has obtained identical certification from proposed Subcontractors for specific time periods) he will obtain identical certifications from proposed Subcontractors prior to the award of Subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that he will retain such certifications in his files; and that he will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have already submitted identical certifications for the specific time periods):

“Notice to prospective subcontractors of requirements for non-segregated facilities. A certification of non-segregated facilities must be submitted prior to the award of a subcontract exceeding the Equal Opportunity Clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e. quarterly, semi-annually, or annually).

Note: The penalty for making false statements in offers is prescribed in 18 U.S.C. Paragraph 1001.

Date: _____

By: _____

Official Address: _____

Title: _____
