1) KBA Addendum #2 attached

2) The attached **00 03 00 Bid Proposal Form 1/30/09 Addendum #2** shall REPLACE 00 03 00 Bid Proposal Form 1/9/09 Bid.

3) DELETE Specification Section 00 12 70 Unit Prices (CM) and refer to Specification Section 01 22 00 Unit Prices for detailed information regarding the unit prices.

4) INCLUDE the attached supplement to Specification Section 00 08 40 consisting of; Sec. 31-53B, Notice to all Mason Contractors, Statute 31-55A Special Notice, Contracting Agency Certification Form, Contractors Wage Certification Form, Payroll Certification Form, Fringe Benefits Explanation, Payroll Certification for Public Works Projects, Informational Bulletin and footnotes.

5) Section 02 61 00 Environmental Soil Management paragraph 1.6 A2 shall be amended to read “The Contractor shall submit a work plan and schedule with their bid within 1 week after notice of award detailing the expected times and duration of soil excavation, loading, transportation, and disposal activities. The work plan shall include a complete logistical description of the anticipated activities involved in completing these tasks. The report shall detail the name and location of the selected disposal facility, acceptance requirements of the disposal facility, transportation routes, and traffic control items.”

6) In Bid Package 1.05 General Trades INSERT Item 30 “The General Trades Contractor shall provide and install the utility trench’s cover system as shown in detail 7 on A9.02. Patch slab to accept new floor finish”

7) Specification Section **01 91 33 General Commissioning Specification** is to be INCLUDED as part of ALL Bid Packages.

8) Specification Section **04 72 00 Cast Stone Masonry** is to be INCLUDED as part of Bid Package 1.03 Masonry.

9) Specification Section **08 16 13 FRP Flush Doors** is to be INCLUDED as part of Bid Package 1.05 General Trades.

10) Specification Section **08 44 13.13 Fire Rated Glazed Steel Curtain Walls** is to be INCLUDED as part of Bid Package 1.05 General Trades.

11) Specification Section **08 62 00 Unit Skylights** is to be INCLUDED as part of Bid Package 1.06 Roofing & Sheet Metal.
12) Specification Section **09 24 00 Portland Cement Plastering** is to be INCLUDED as part of **Bid Package 1.05 General Trades**.

13) Specification Section **09 65 16 Resilient Sheet Flooring** is to be INCLUDED as part of **Bid Package 1.07 Flooring**.

14) Specification Section **09 96 99 Water Vapor Emission Control System** is to be INCLUDED as part of **Bid Package 1.02 Concrete**.

15) Specification Section **11 31 00 Residential Appliances** is to be REMOVED from **Bid Package 1.05 General Trades**.

16) Specification Section **11 52 13 Projection Screens** is to be REMOVED from **Bid Package 1.05 General Trades**.

17) Specification Section **12-48-13 Entrance Floor Mats** is to be INCLUDED as part of **Bid Package 1.07 Flooring**.

18) Specification Section **13 72 00 Audio Intrusion System** is to be INCLUDED as part of **Bid Package 1.16 Security**.

19) Specification Section **14 42 00.01 Modifications to Wheelchair Lift** is to be INCLUDED as part of **Bid Package 1.05 General Trades**.

20) Specification Section **22 05 33 Heat Tracing for Plumbing Piping** is to be INCLUDED as part of **Bid Package 1.12 Plumbing and Bid Package 1.14 Electrical & Technology**.

21) Specification Section **23 00 00 General Provisions** is to be INCLUDED as part of **Bid Package 1.13 Mechanical**.

22) Specification Section **23 08 00 Commissioning of HVAC** is to be REMOVED from **Bid Package 1.13 Mechanical**.

23) Specification Section **23 82 16 Air Coils** is to be INCLUDED as part of **Bid Package 1.13 Mechanical**.

24) Specification Section **27 05 53 Identification for Communications Systems** is to be INCLUDED as part of **Bid Package 1.14 Electrical & Technology and Bid Package 1.15 Technology**.

25) Specification Section **27 51 23 Intercommunications and Program Systems** is to be REMOVED from **Bid Package 1.14 Electrical and Bid Package 1.16 Security**.

26) Specification Section **28 05 53 Identification for Electronic Security and Safety Stems** is to be INCLUDED as part of **Bid Package 1.16 Security**.

27) Specification Section **28 13 00 Access Control** is to be INCLUDED as part of **Bid Package 1.16 Security**.

Bid Form: Acknowledge receipt of Addendum 2 under 'Addenda' on the appropriate page of the bid form.

The bid date has NOT changed. The addendum consists of this notice and 54 pages that follow.

*End of Addendum #2*
The following changes to the Project Manual shall become a part of the Drawings, Specifications, Bidding Requirements and Contract Documents; superseding previously issued Drawings, Specifications, Bidding Requirements, Contract Documents and Addenda, to the extent modified by this Addendum.

**CHANGES TO SPECIFICATIONS**

**TABLE OF CONTENTS (VOLS. I, II, III and IV)**

**DIVISION 32 – EXTERIOR IMPROVEMENTS**

Add the following Section:

32 93 00 PLANTS

**DIVISION 04 – MASONRY**

Section 04 20 00 “Unit Masonry”

Paragraph 2.14

Add the following: (Note: “C.” is not used.)

**E. Single-Wythe CMU Flashing System:** System of CMU cell flashing pans and interlocking CMU web covers made from high-density polyethylene incorporating chemical stabilizers that prevent UV degradation. Cell flashing pans have integral weep spouts that are designed to be built into mortar bed joints and weep collected moisture to the exterior of CMU walls and that extend into the cell to prevent clogging with mortar.

1. Product: Subject to compliance with requirements, provide “Blok-Flash” by Mortar Net USA, Ltd.

**Paragraph 3.14**

Add the following:

**G. Install single-wythe CMU flashing system in bed joints of CMU walls where indicated to comply with manufacturer's written instructions. Install CMU cell pans with upturned edges located below face shells and webs of CMUs above and with weep spouts aligned with face of wall. Install CMU web covers so that they cover upturned edges of CMU cell pans at CMU webs and extend from face shell to face shell.**

**DIVISION 08 – OPENINGS**

Section 08 80 00 “Glazing”

Paragraph 2.10

Replace “Type F” with “Type C and Type D”
ADDENDUM NO. KB-02

EXPANSION/RENOVATIONS
REGIONAL VOCATIONAL AQUACULTURE SCHOOL
Bridgeport, CT
KBA #07036
State Project Number #015-0158 VA/EA

DIVISION 09 – FINISHES

FINISH LEGEND
Replace full line of text in Finish Legend: ERW to read:


DIVISION 32 – EXTERIOR IMPROVEMENTS

Section 32 93 00 “Plants”
Add the following Section in its entirety, attached at the end of this Addendum, dated January 27, 2009 – Addendum No. KB-02. Section 32 93 00 “Plants”

CHANGES TO DRAWINGS

S1.02 FOUNDATION PLAN – AREA ‘A’
Revise exterior wall location in Area A, See attached SKS – 2.01

S3.03 DORMER FRAMING PLAN – AREA ‘C’
Elevator hoist beam: Replace “W8x24 (+26’-8”) Hoist Beam” with “W8x24 (+27’-4”) Hoist Beam”

A1.01 MAIN AND UPPER LEVEL FLOOR PLANS – AREA ‘A’
In main level floor plan relocate portion of exterior wall and gas meter, See attached SKA-2.01

A4.02 LARGE SCALE STAIRS I
In large scale plan 7/A4.02 revise guardrail location and detail callouts to STORAGE MEZZ. B215, See attached SKA-2.02
In details 3& 4/A4.02 replace “12’-8” CLEAR OVERHEAD” with “13’-4” CLEAR OVERHEAD”
In details 3& 4/A4.02, at the hoist beam, raise bond beams, grouted blocks and shaft wall assembly by 8”

A4.03 LARGE SCALE STAIRS II
In detail 10/A4.03, change “SCALE: 1/2” = 1’-0”” to read “SCALE: 1” = 1’-0””
Add detail 15/A4.03, See attached SKA-2.02

A5.01 OVERALL EXTERIOR ELEVATIONS
Add details 10&11/A5.01, See attached SKA-2.01

A9.01 MISCELLANEOUS DETAILS I
At all exterior masonry details, replace “BITUMINOUS DAMPPROOFING” with “AIR INFILTRATION BARRIER”
ADDENDUM NO. KB-02

EXPANSION/RENOVATIONS
REGIONAL VOCATIONAL AQUACULTURE SCHOOL
Bridgeport, CT
KBA #07036
State Project Number #015-0158 VA/EA

Date: January 27, 2009
Page: 3 of 3

Replace detail 28/A9.01, See attached SKA-2.01

A9.02 MISCELLANEOUS DETAILS II
Replace detail 20/A9.02, See attached SKA-2.01

P1.01 AREA A MAIN LEVEL - PLUMBING
Revise gas meter location in area A, See attached SKP-2.01

M5.01 SCHEDULES - MECHANICAL
Revise Heat Exchanger Data schedule for AHU-3, See attached SKM-2.01

E1.00 SITE PLAN - ELECTRICAL
At CH-1, replace note “P-1/13,15,17” with “MDB”, See attached SKE-2.01

ATTACHMENTS
Bidders Questions:
RFI PB 004

Sketches:
SKS-2.01 REVISED EXISTING MECHANICAL ROOM PART PLAN
SKA-2.01 EXTERIOR WALL PARTIAL PLAN & DETAILS
SKA-2.02 MEZZANINE B215 GUARDRAIL DETAIL & PARTIAL PLAN

Specifications:
Specification Section 32 93 00 “Plants”, dated January 27, 2009 – Addendum No. KB-02

Consultant Documents:
Kohler Ronan, LLC Consulting Engineers – SKM-2.01, SKP-2.01, SKE-2.01
088000 - Glazing calls for type "F" insulated / laminated glass. Glazing Schedule on A8.01 indicates type "C" and "D" one of which is shaded. These types are not in specifications. Please Advise.

Request By: Bismark Construction  
Date: 1/23/2009

Signed:  
Anthony Wargo

Answer:

See addendum #2 for response.

Answered By: Kaestle-Boos Associates  
Date: 1/23/2009

Signed:  
Robert Celmer
1. **PARTIAL MEZZANINE PLAN, 7/A4.02**

   **SCALE:** 1/4"=1'-0

   **PLAN**

   Edge of existing construction

   20 treads @ 11" ea. = 18'-4"

   1 1/2" NPS. (1.90" O.D. max.) steel pipe guardrail at 4'-6"
   A.F.F. see detail 12/A4.03

   Pattern shop
   B121

   Storage mezz B215

   SIM

   MEZZ.

   SCALE: 1/4"=1'-0

   **STEEL PIPE GUARDRAIL; SEE DETAIL BC/S1.02**

   **STRUCTURAL POST BEYOND; SEE DWG S1.02**

   1 1/2" Nom. (1.90" O.D.) steel pipe verticals @ 4'-0" O.C., max.

   3/4" square bar @ 4" O.C., typ.

   1x10 trim board, painted

   (3) 2x6 wood blocking; align with edge of mezzanine

   Existing mezzanine construction below

2. **MEZZANINE B215 GUARDRAIL DETAIL, 15/A4.03**

   **SCALE:** 1"=1'-0

   **SECTION**

   Existing mezzanine construction below

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**CONSULTANT:**

**PROJECT:** EXPANSION AND RENOVATIONS OF THE BRIDGEPORT REGIONAL VOCATIONAL AQUACULTURE SCHOOL

**THIS SKETCH TO BE READ IN CONJUNCTION WITH THE CONTRACT DOCUMENTS**

**SKETCH GENERATED FOR:**

Addendum: 02

R.R.P.: -

A.S.I.: -

P.R.: -

C.C.D.: -

**REFERENCE DETAIL/SHEET:** 7/A4.02 & 15/A4.03

**DATE:** 1/27/09

**DRAWN:** BM

**DRAWING NO.:** SKA-2.02

**SCALE:** AS INDICATED

**PROJECT NO.:** 07036
SECTION 32 93 00 – PLANTS

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. Each and every Subcontractor and/or supplier providing goods and services referenced in or related to this Section shall also be bound by the Related Documents identified in Division 01 Section “Summary”.

1.2 SUMMARY

A. This Section includes the following:

1. Providing and installing all plant materials.
2. Source inspection
3. Plant pit excavation and preparation and installation of all backfill mixtures.
4. Planting all trees, shrubs, perennials, and groundcovers, including finishing operations, and transplanting of designated material.
5. Planting pond enhancement and wildlife enhancement/restoration areas.
6. Mulch for all plant bed and saucer areas.
7. Metal edging for plant beds.
8. Protection, maintenance and replacement of plant material and related items.

B. Related Sections include the following:

1. Division 32 Section “Topsoil”.
2. Division 32 Section “Turf and Grasses”.
3. Division 02 Section 02 61 00 “Environmental Soil Management” – Triton Environmental, Inc.
4. Triton Environmental – “Environmental Supplementary Conditions”

1.3 QUALITY ASSURANCE

A. Standards:

1. All plants shall meet or exceed the specifications of Federal, State of Connecticut, City of Bridgeport and County laws requiring inspection for plant disease and insect control.
2. Quality, size and ball size shall conform with the latest edition of ANSI Z60.1 By the American Nursery & Landscape Association (AN & LA) and its amendments.
3. All plants shall be certified true to name by the nursery source. Sealed certificates from the nursery source shall be submitted prior to any plant material installation. One plant of each species shall be tagged with the name and size of the plant in accordance with the standards of practice of the American Nursery & Landscape Association. Botanical names shall take precedence over common names.
B. Qualifications of Installers
   1. Provide at least one person who shall be thoroughly familiar with
      the type of materials being installed and shall direct all work
      performed under this Section.

C. Nursery Coordination:
   1. Each specific plant type shall be provided from a single nursery
      source unless otherwise approved.

D. Environmental enhancement plantings must conform to the conditions
   issued by the Inland Wetlands and Watercourses Commission.

1.4 SUBMITTALS

A. Product Literature:
   1. Tree wrap.
   2. Fertilizers, including bone meal and dehydrated manure.
   3. Tree anchors.
   4. Anti-desiccant.
   5. Peat moss/amendments.
   6. Metal edging.

B. Samples: Shredded Bark Mulch

C. Topsoil: Testing reports/analysis, as per Division 2 Section
   "Topsoil": must be submitted prior to preparation of planting
   mixtures.

D. At completion of the installation of all plant materials, the
   Contractor shall submit a "Certification of Planting", on company
   letterhead stationary, indicating compliance with Drawings and
   Specifications in the installation of plant materials. This
   certification must be submitted to the Landscape Architect for
   approval.

1.5 NURSERY SOURCE INSPECTION AND ACCEPTANCE OF PLANT MATERIAL

A. All plant material(s) are subject to inspection and acceptance by the
   Architect at the nursery source or place of growth. Do not dig plant
   material until inspected, tagged and approved by the Architect.
   Contractor must provide all transportation and shall accompany the
   architect for all source inspections.

B. All plant material when inspected at the nursery source by the
   Architect is not to be "heeled-in" or "out-ground". Stockpiled
   material is not acceptable unless otherwise approved by the Architect.

C. All plant material is also subject to reinspection and approval by the
   Architect once the plant material has been delivered to the project
   site. All plant material shall arrive at the site with the
   Architect’s permanent tags. Any plant material rejected by the
Architect shall be immediately removed from the project site and replaced with acceptable plant material at no additional cost to the Owner.

D. All plant material must be accompanied by nursery inspection certificates, as required by State of Connecticut or Federal Regulations.

1.6 PLANT LIST

A. The Plant List appears on the Drawings and is for the Contractor’s information only and no guarantee is expressed or implied that quantities therein are correct or that the list is complete. Contractor shall guarantee that all plant materials shown on the Drawings are included in the final project. The submission of a bid by the Contractor acknowledges that the plant material types and sizes shown on the Contract Documents are available.

PART 2 - PRODUCTS

2.1 TREES, SHRUBS, GROUND COVER, AND PERENNIALS

A. Nursery grown unless otherwise noted. Transplanted material stored from previous site demolition/preparation operations.

B. Hardy under climatic conditions similar to those in the locality of the project.

C. Typical of their species or variety, with a normal habit of growth. Sound, healthy and vigorous. Well-branched and densely foliated when in leaf, free of disease, insect pests, eggs or larvae. Shall have healthy well-developed root systems. All trees shall have straight single trunks with their main leader intact unless otherwise stated. Stock shall have uniform height and spread to assure symmetry in planting.

D. Substitutions will be permitted only upon written approval by the Architect.

E. Sizes shall conform to the measurement specified on the Drawings. Take caliper measurements 6” above ground for trees up to 4” caliper size, 12” above ground for larger sizes. Measure main body of tree or shrub for height and spread; do not measure branches tip to tip. Plants larger than specified on the drawings may be used if approved by the Architect. Use of such plants shall not increase the Contract price.

F. Quantities: If there is a discrepancy between plants shown on the drawings and quantities given, the greater number will prevail. Discrepancies will not entitle the Contractor to and extra.
2.2 PLANT PIT BACKFILL MIXTURES

A. General: Provide mixtures as required. Bulk mix on-site, no off-site mixing allowed.

B. Planting Mixture

1. 1 Part dehydrated cow manure
2. 2 Parts peat moss
3. 5 Parts topsoil

2.3 TOPSOIL

A. As per Division 32, Section “Topsoil”.

2.4 FERTILIZERS

A. Deliver fertilizers in unimpaired condition, in sealed containers fully labeled according to applicable State of Connecticut Law.

1. Bonemeal shall be finely ground commercial raw bonemeal having a minimum analysis of one (1) percent nitrogen and eleven (11) percent phosphoric acid.

2. Plant fertilizers shall be a complete plant food with a guaranteed analysis of 10.10.10 unless otherwise approved by the Architect. Fertilizer shall contain 50% slow release nitrogen and 50% quick release.

2.5 PEAT

A. Domestic or imported product consisting of partially decomposed vegetable matter of natural occurrence.

2.6 DEHYDRATED COW MANURE

A. Dehydrated cow manure shall be Bovine, containing not more than 25 percent by volume of straw, sawdust, or other bedding materials; free of toxic substances, stones, sticks, soil, weed seed and material harmful to plant growth.

2.7 STAKES

A. 2” X 2” rough sawn or 3” diameter by minimum eight (8) foot long pointed cedar, oak or pressure treated stakes.

2.8 GUY WIRE FOR STAKING

A. Two strand 11 gauge twisted bonded “Black” vinyl coated galvanized steel wire as manufactured by Colorguard Corporation (201) 526-0255 or approved equal.
2.9 TURNBUCKLES
A. Galvanized steel of size and gauge to provide tensile strength equal to that of the wire.

2.10 FRICTION GUARDS FOR STAKING
A. Black rubber reinforced hose not less than 1/2" I.D.

2.11 CLOTH TIES
A. At the Contractor's option, in lieu of the guy wires, turnbuckles and friction guards specified above, the trees may be guyed to wooden stakes utilizing flat, woven polypropylene, 3/4 inch tie material, specifically manufactured for tree guying. Material shall have 900 pound breaking strength and be white in color. Guy fabric shall be similar to Arbor Tie, by Deep Root Partners, L.P., New York, NY, or approved equal.

2.12 FLAGS
A. Shall be plastic, color – orange, minimum 3” x 10”.

2.13 TREE ANCHORING SYSTEM
A. Similar to prepackaged kit components and accessories as manufactured by Foresight Products, Inc. Duckbill Model 68DTS. At special restricted areas, noted on Drawings, utilize Model 88BK, or approved equal.

2.14 MULCH
A. Shall be finely shredded pine or cedar bark mulch. Sample to be approved.

2.15 TREE WRAPPING MATERIAL
A. Six inch wide heavy duty, untreated burlap tree wrap as supplied by Good Product Sales, Inc., Kenilworth, New Jersey, (201) 245-5055 or approved equal. Twine for tying to be not less than 2 ply jute. Tape not permitted.
B. At Contractor's option, tree wrap material may be creped paper, consisting of two 30 pound layers of Kraft paper, laminated with a 25 pound layer of asphalt, similar to Clark's Tree wrap, or approved equal.

2.16 ANTI-DESICCANT
A. "Vaporguard" as manufactured by Miller Chemical Fertilizer Corporation; Hanover, Pennsylvania or approved equal.
2.17 Metal Edging
A. Steel edge restraints shall be black painted commercial steel edging with loops pressed from, or welded to, the face, in order to receive anchor stakes at 36 inches on center. Steel stakes shall be 15 inches long. Fabricate, bend, trim and form accurately to the lines indicated and as detailed. Size of edging to be ¼ inch by 5 inches, by required length. Edging shall be similar to Ryerson Steel Edging, or approved equal.

2.18 WATER
A. Potable. This Contractor is responsible for furnishing all water necessary to complete the establishment and maintenance of all plantings associated with this project until accepted by Owner. This requirement includes providing all water in irrigated areas, if any, until irrigation system is activated.

2.19 SAFETY BARRICADE
A. Refer to Section “Site Clearing” of this specification.

PART 3 - EXECUTION
3.1 PRODUCT HANDLING
A. Delivery and Storage:
1. Deliver all items to the job site in their containers with all labels intact and legible at the time of inspection. Root balls shall not be cracked or broken. Notify Architect of delivery schedule at least two (2) days in advance so plant material may be inspected upon arrival at job site. Remove unacceptable plant material immediately from job site. Do not prune plants prior to delivery.

2. Use all means necessary to protect plant materials before, during, and after installation and to protect the work and materials of all other trades.

3. If planting is delayed more than 6 hours after delivery, set trees and shrubs in shade, protect from weather and mechanical damage, and keep roots moist. Cover root ball with mulch, peat moss, etc. Water and feed plant foliage and roots as often as necessary to maintain plant viability.

B. Replacements: In the event of damage, immediately make all repairs and replacements necessary to no additional cost to the Owner.

C. Delivery: Deliver fertilizer to site in original unopened containers bearing manufacturer’s guaranteed chemical analysis, name, trade name and conformance to state law.
3.2 PLANTING SEASON

A. Progress with planting only under favorable weather conditions. Planting will not be permitted when ground is frozen or excessively moist. Time of planting is at the discretion of the Contractor except as noted.

3.3 JOB CONDITIONS

A. Examine the areas and conditions under which work of this Section will be performed. Correct conditions detrimental to the proper and timely completion of the work. Do not proceed until unsatisfactory conditions have been corrected. Coordinate work with other related site work that is not included in this Contract. Maintain proper sequencing of operations. Commencement of work implies acceptance by Contractor of preparatory work by others.

B. The Contract drawings show the approximate locations of utility structures in the area of proposed landscape development. Exercise care when digging in these areas. The Contractor is responsible for any damage and shall replace or repair any damage at the Contractor’s expense. Changes in the locations of plant material due to utility obstructions shall not be cause for extra compensation.

C. Notify the Architect at least two (2) days prior to commencing any of the planting operation included in this Section.

D. Plant locations on the Drawings are approximate and are to be used only as a guide. Contractor shall provide all field engineering services to accurately stake out locations for all plants outlines of plant beds. Do not begin excavation until Architect has approved specific layout. Relocate the planting, without extra compensation if directed prior to final installation.

E. Upon completion of planting remove from the site all excess soil, mulch, materials and debris resulting from work operations of this Section. Restore to original conditions all damaged pavements, structures and lawn areas resulting from landscaping operation. Broom clean all walks and pavements. Dispose of all debris off-site in a satisfactory legal manner.

F. Maintain the site area in a neat and clean condition at all times.

3.4 PLANTING MIXTURE

A. Provide planting mixtures for specific plants, shrubs, and groundcover, as specified. Thoroughly mix all amendments to topsoil prior to commencing planting operations.

B. Schedules.

1. Groundcover Areas: 12” depth
2. Perennial Plantings: 12” depth
3. Continuously Excavated Shrub Beds: 18” depth.
3.5 PLANTING AND TRANSPLANTING PROCEDURES

A. Balled and Burlapped Planting:

1. Stake all plant locations in the field as per the planting plan. Obtain Architect’s approval of all plant locations.
2. Excavate plant pits as detailed, remove excess excavated material. Scarify bottom and sides or each plant pit. Tree pits minimum 24” greater in diameter than the plant ball, and 6” deeper except as detailed. Shrub excavations shall be minimum 12” greater in diameter than ball and 6” deeper.
3. All plant pits must be free draining. Notify the Architect if positive drainage does not exist.
4. Set all plants in the center of plant pits, plumb and straight and as detailed on the Drawings.
5. Handle balled and burlapped plants from the ball only.
6. Face each plant to give best appearance and as accepted by the Architect.
7. Carefully remove only surplus bindings and synthetic material that do not readily decompose. Cut off or fold back top third of burlap away from the plant. Remove portions of any wire baskets, if present.
8. Backfill all pits 2/3 their depth with prepared plant backfill mixture, water thoroughly and allow to settle, then tamp around to fill all voids and air pockets. Complete backfilling to conform to required elevation after settlement. Do not allow excavated material to be mixed with plant backfill material. Minimum 3 guys per tree.
9. Form saucer and install mulch over entire plant pit and saucer area as detailed.
10. Transplant designated materials to locations indicated. Conform to current AN & LA standards, including root ball size determination.

3.6 CONTINUOUS EXCAVATION

A. All perennial and shrub plant beds to be continuously excavated to depths required to allow installation of specified backfill mixture.

B. Backfill completely with specified Plant Mix.

C. Install plants as per Planting and Transplanting paragraph of this Section.

3.7 METAL EDGING

A. Install edging to comply with manufacturer’s instructions. Install stakes at all edging loops, to hold edge in place during and after plant and mulch installation.

3.8 ENVIRONMENTAL ENHANCEMENT PLANTING

A. At designated enhancement areas shown on the Drawings, install plants at a rate of 30 shrubs per 1,000 square feet.
B. Notify Architect prior to planting, in order to coordinate filed locations of each plant type.

3.9 FERTILIZERS FOR PLANTS IN SAUCERS

A. Fertilize each plant area or plant saucer area at a uniform rate, as per topsoil test report and manufacturer’s recommendations.

3.10 FINISHING OPERATIONS

A. Guying and Staking Trees:

1. Guy, stake and anchor each tree as shown on the applicable drawings immediately after planting. Fasten anchors to trees with cable and run through a rubber hose (friction guard) and tighten cables or guy wires. Each friction guard shall be placed around a minimum of 3 main stems on all multi-stemmed plants. Keep trees plumb and taut. Guying procedures may be modified only if acceptable to the Architect.

2. Place rubber hoses of sufficient length to prevent injury to tree trunks around cables or guy wires.

3. Guying cables and wires not to interfere with lower limbs and to be equally spaced and under same tension. Place tree stakes as detailed. Installed guy wires at least 6 feet above finish grade for all trees of 3’ caliper and over. Install guy wires at least 5’ above finish grade for all and trees of less than 3” caliper.

B. Wrapping: Wrap all deciduous trees immediately after planting. Wrap the trunks of all trees spirally from the ground line to above the lowest main branches. Overlap wrapping material by 50% and securely tie in at least five places including the top, middle and bottom. Use twine for tying. Tape not permitted.

C. Mulching: Mulch all plant and shrub beds with a four (4) inch deep layer of bark mulch, except as noted for groundcover areas. Each saucer to be left in neat orderly condition.

D. Anti-Desiccant: Spray all trees with one (1) application of anti-desiccant in accordance with manufacturer’s directives. Apply protective film over all parts of branches, twigs and foliage. Spray as per manufacturer’s recommendations.

E. Watering Plants: Thoroughly water all plants to a maximum root depth immediately after planting and as necessary to guarantee the plant material.

F. Pruning: The amount of pruning to be limited to the minimum necessary to remove dead wood or injured twigs or branches. All cuts to be made flush, leaving no stubs. Prune all deciduous trees and shrubs in accordance with current AN & LA standards, and to the requirements of the Architect.

G. The Contractor shall provide Safety Barricade fencing at all areas along walks where planting may be susceptible to damage by pedestrian
traffic, specifically at walk intersections, high traffic areas, and areas determined by the Landscape Architect. The fence shall remain in place and be maintained by the Contractor until the Landscape Architect or Owner determines that the plant material has developed sufficiently to deter or withstand pedestrian traffic.

3.11 REPAIR OF LAWN AREAS

A. Repair all lawn areas damaged/disturbed during all planting operations. Keep pavements clean and work area in an orderly condition.

B. Provide sediment and erosion control measures as required to protect unestablished areas from erosion.

3.12 DISPOSAL OF SURPLUS AND WASTE MATERIALS

A. Remove surplus soil and waste material, including excess subsoil, unsuitable soil, trash and debris and legally dispose of it off the Owner’s property.

B. Refer to Triton Environmental, Inc. Section 02 61 00 “Environmental Soil Management” for additional information and requirements.

3.13 MAINTENANCE

A. Required maintenance period begins immediately after planting and includes all transplanted materials. Contractor shall continue maintenance until Architect’s approval of ‘Certification of Planting’ and the commencement of the guarantee period.

B. Maintenance responsibilities include pruning, cultivating, watering, weeding, fertilizing, restoring plant saucers, tightening and repairing stakes and guy supports, and resetting to proper grades or vertical position, as required to establish healthy, viable plantings. Restore or replace damaged tree wrappings.

C. Correct defective work as soon as possible after detection. Obviously dead plant material shall be removed immediately, regardless of replacement plant timing. Correct dangerous conditions immediately.

3.14 GUARANTEE REQUIREMENTS

A. The planting guarantee period for all plants will begin upon the Architect’s approval of ‘Certification of Planting’ submitted by the Contractor at completion of the planting.

B. The planting guarantee shall be one year from acceptance of ‘Certification of Planting’, and shall warranty all plants against defects including death and unsatisfactory growth, except for defects caused by neglect or abuse by the Owner, or incidents that are beyond the Contractor’s control.
C. Plant material is eligible to receive final acceptance one (1) year from the date of the 'Certification of Planting' at Substantial Completion. Planting done in late Fall (after November 1st), shall be maintained through the following spring’s leafing, at which time, if acceptable, the guarantee periods shall begin.

3.15 FINAL INSPECTION AND ACCEPTANCE

A. Final Acceptance will be made if all plants meet the guarantee requirements as specified. A sum sufficient to cover the cost of possible replacement plantings will be withheld from the Contractor if plant material is not accepted.

END OF SECTION 32 93 00
### SUPPLY FAN SECTION

<table>
<thead>
<tr>
<th>UNIT NO</th>
<th>LOCATION</th>
<th>SERVES</th>
<th>VENT AIR</th>
<th>SUPPLY CFM</th>
<th>ESP (in. wg)</th>
<th>WHEEL TYPE</th>
<th>FAN RPM</th>
<th>MAX BHP</th>
<th>HP</th>
<th>V-BANK PRE FILTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHU-3</td>
<td>MER C128</td>
<td>1ST FL LABS</td>
<td>8000</td>
<td>8000</td>
<td>3.80</td>
<td>PF</td>
<td>1955</td>
<td>9.06</td>
<td>15</td>
<td>30% MERV 7</td>
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</table>

### HEAT EXCHANGER DATA

<table>
<thead>
<tr>
<th>UNIT NO</th>
<th>CFM</th>
<th>SUMMER OA</th>
<th>SUMMER EA</th>
<th>WINTER OA</th>
<th>WINTER EA</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>EDB °F</td>
<td>EWB °F</td>
<td>LDB °F</td>
<td>LWB °F</td>
<td>EDB °F</td>
</tr>
<tr>
<td>AHU-3</td>
<td>95</td>
<td>78</td>
<td>82.6</td>
<td>74.8</td>
<td>72</td>
</tr>
</tbody>
</table>

01/27/09 - ADDENDUM #2
EXISTING RELOCATED GAS REGULATOR
CONNECT NEW GAS SERVICE PIPING TO EXISTING GAS EQUIPMENT
4"G DN TO UNDERGROUND PIPING
RECONNECT NEW GAS SERVICE PIPING TO EXISTING GAS PIPING SERVING MECHANICAL ROOM EQUIPMENT

EXISTING RELOCATED GAS METER ASSEMBLY W/ EMERGENCY GAS SHUT-OFF
RECONFIGURED UNDERGROUND GAS SUPPLY MAIN, COORDINATE WITH LOCAL UTILITY

COORDINATE RELOCATION OF GAS METER ASSEMBLY AND ASSOCIATED PIPING & FITTINGS WITH GAS UTILITY. GAS COMPANY SHALL CONFIRM SIZE OF GAS METER, REGULATOR & PIPING BASED ON NEW GAS LOAD OF 1800 CFH. PROVIDE EQUIPMENT PROTECTION AS REQUIRED BY GAS COMPANY.

Kohler Ronan, LLC Consulting Engineers
301 Main Street, Danbury, CT 06810
Tel. (203) 778-1017 Fax (203) 778-1018

PROJECT BRIDGEPORT RVAS SKETCH NUMBER SKP-2.01
PROJECT NUMBER 0778 DATE 1/27/09 REVISION TO SHEET NUMBER P1.01

1 01/27/09 - ADDENDUM #2
SECTION 000300
BID PROPOSAL FORM
For the
REGIONAL VOCATIONAL
AQUACULTURE SCHOOL
EXPANSION/RENOVATIONS
BRIDGEPORT, CT
SDE#015-0158 VA/EA
COB # 13492

Date ________________

City of Bridgeport
Department of Public Purchasing
City Hall - Room 324
45 Lyon Terrace
Bridgeport, CT 06604

Gentlemen:

1. Pursuant to and in compliance with your Invitation to Bid relating thereto, the Undersigned,

...........................................................................................................

(Company Name)

having visited the site, familiarized himself with the conditions present, and carefully examined the Contract Documents consisting of Project Manual: entitled Regional Vocational Aquaculture School Expansion/Renovations, Bridgeport, Connecticut Volumes I, II, III, IV, and V. State Department of Education Project no. 015-0158 VA/EA dated January 9, 2009, and the Drawings: as contained in the Contract Drawings Volumes I and II dated January 9, 2009, along with any and all Addenda(s) issued and received prior to closing time for receipt of Bids as prepared by Kaestle Boos Associates Inc., hereby offers and agrees as follows:

To provide all materials, all labor and all else whatsoever necessary to erect and properly finish all work in connection with the Aquaculture School Expansion/Renovations, to the satisfaction of the Architect, Construction Manager, and Owner for the lump sum as follows:

<table>
<thead>
<tr>
<th>BID PACKAGE</th>
<th>DESCRIPTION</th>
<th>LUMP SUM PRICE (WRITTEN)</th>
<th>LUMP SUM PRICE (NUMBERS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.01</td>
<td>Site &amp; Piles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.02</td>
<td>Concrete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.03</td>
<td>Masonry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.04</td>
<td>Structural Steel &amp; Misc. Metals</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.05</td>
<td>General Trades</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.06</td>
<td>Roofing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.07</td>
<td>Flooring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.08</td>
<td>Painting</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.09</td>
<td>Aquaculture Equipment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.10</td>
<td>Food Service Equipment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.11</td>
<td>Fire Protection</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.12</td>
<td>Plumbing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.13</td>
<td>Mechanical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.14</td>
<td>Electrical &amp; Technology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.15</td>
<td>Technology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.16</td>
<td>Security</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**UNIT PRICES**

The undersigned further proposes and agrees that should the amount of work required be increased or decreased, as directed by the Architect/CM, the following supplemental Unit Prices will be the basic price in place for computing changes in cost. The stated costs are to be for “Additions” or “Deletions” of work to the Trade Contractor’s Contract. All Unit Prices shall include all cost of work to the representative contractor, including all charges for materials, labor, plant, equipment, overhead, profit, additional insurance, taxes, and all charges of whatever kind.

All items marked with an asterisk (*) shall include the completion of the excavation, formation and compaction of the sugrade; and the disposal of rock or surplus material in accordance with the plans and specifications or as directed by the Architect/Engineer. All items marked with two asterisk (**) shall include the completion of the excavation, removal, disposal and replacement of unsuitable material with structural fill.
<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>UNIT PRICE</th>
<th>PACKAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Site &amp; Piles</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Mass excavation: refer to Section 01 22 00.</td>
<td>$__________ CY</td>
<td>1.01</td>
</tr>
<tr>
<td>2. Trench Earth Excavation: refer to Section 01 22 00.</td>
<td>$__________ CY</td>
<td>1.01</td>
</tr>
<tr>
<td>3. Excavate soil classified as “TSCA” (impacted with greater than 50 ppm of PCB’s), remove &amp; dispose per contract documents.</td>
<td>$__________ CY</td>
<td>1.01</td>
</tr>
<tr>
<td>4. Excavate soil classified as “Polluted” (impacted with 2-50 ppm of PCB’s), remove &amp; dispose per contract documents.</td>
<td>$__________ CY</td>
<td>1.01</td>
</tr>
<tr>
<td>5. Bituminous Concrete Pavement: refer to Section 01 22 00.</td>
<td>$__________ SY</td>
<td>1.01</td>
</tr>
<tr>
<td>6. Concrete Walk Pavement: refer to Section 01 22 00.</td>
<td>$__________ SF</td>
<td>1.01</td>
</tr>
<tr>
<td>7. Precast Concrete Curbs: refer to Section 01 22 00.</td>
<td>$__________ LF</td>
<td>1.01</td>
</tr>
<tr>
<td>8. Bituminous Concrete Curbs: refer to Section 01 22 00.</td>
<td>$__________ LF</td>
<td>1.01</td>
</tr>
<tr>
<td>9. Concrete Filled Piles: refer to Section 01 22 00.</td>
<td>$__________ LF</td>
<td>1.01</td>
</tr>
<tr>
<td>10. Precast Concrete Piles: refer to Section 01 22 00.</td>
<td>$__________ LF</td>
<td>1.01</td>
</tr>
<tr>
<td>11. Pressure Injected Footings: refer to Section 01 22 00.</td>
<td>$__________ LF</td>
<td>1.01</td>
</tr>
<tr>
<td>12. Structural Fill: refer to Section 01 22 00.</td>
<td>$__________ CY</td>
<td>1.01</td>
</tr>
<tr>
<td>13. General Fill: refer to Section 01 22 00.</td>
<td>$__________ CY</td>
<td>1.01</td>
</tr>
<tr>
<td>14. Wood Guide Rail: refer to Section 01 22 00.</td>
<td>$__________ LF</td>
<td>1.01</td>
</tr>
<tr>
<td>15. Pressure Injected Footings: refer to Section 01 22 00.</td>
<td>$__________ LF</td>
<td>1.01</td>
</tr>
<tr>
<td>16. Fine Grading and Seeding: refer to Section 01 22 00.</td>
<td>$__________ SF</td>
<td>1.01</td>
</tr>
<tr>
<td><strong>Concrete</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Formwork and Footings: refer to Section 01 22 00.</td>
<td>$__________ SY</td>
<td>1.02</td>
</tr>
<tr>
<td>2. Formwork: refer to Section 01 22 00.</td>
<td>$__________ SF</td>
<td>1.02</td>
</tr>
<tr>
<td>3. Concrete: refer to Section 01 22 00.</td>
<td>$__________ CY</td>
<td>1.02</td>
</tr>
<tr>
<td>4. Concrete Slab on Grade: refer to Section 01 22 00.</td>
<td>$__________ SF</td>
<td>1.02</td>
</tr>
<tr>
<td>5. Reinforcing Steel: refer to Section 01 22 00.</td>
<td>$__________ LB</td>
<td>1.02</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>-------------</td>
<td>---</td>
</tr>
<tr>
<td>5.</td>
<td>Concrete Slab on Deck: refer to Section 01 22 00.</td>
<td>$______________CY</td>
</tr>
<tr>
<td>6.</td>
<td>Pile Cap for 1 Pile to include Forms, Reinforcing, Concrete and Strip Forms.</td>
<td>$______________EA</td>
</tr>
<tr>
<td>7.</td>
<td>Pile Cap for 2 Pile to include Forms, Reinforcing, Concrete and Strip Forms.</td>
<td>$______________EA</td>
</tr>
<tr>
<td>8.</td>
<td>Pile Cap for 3 Pile to include Forms, Reinforcing, Concrete and Strip Forms.</td>
<td>$______________EA</td>
</tr>
<tr>
<td>9.</td>
<td>Pile Cap for 4 Pile to include Forms, Reinforcing, Concrete and Strip Forms.</td>
<td>$______________EA</td>
</tr>
<tr>
<td></td>
<td><strong>Masonry</strong></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>6” CMU Wall in place, Complete</td>
<td>$___________per S.F</td>
</tr>
<tr>
<td>2.</td>
<td>8” CMU Wall in place, Complete</td>
<td>$___________per S.F</td>
</tr>
<tr>
<td>3.</td>
<td>Exterior Cavity Wall in place, Complete</td>
<td>$___________per S.F</td>
</tr>
<tr>
<td>4.</td>
<td>Price to furnish and install damp proofing.</td>
<td>$___________per S.F.</td>
</tr>
<tr>
<td>5.</td>
<td>Install access panel furnished by others in CMU.</td>
<td>$___________per each</td>
</tr>
<tr>
<td></td>
<td><strong>Structural Steel &amp; Misc. Metals</strong></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Structural Steel, more than 30 lbs/L.F for new construction: refer to Section 01 22 00.</td>
<td>$___________LB</td>
</tr>
<tr>
<td>2.</td>
<td>Structural Steel, less than 30 lbs/L.F for new construction: refer to Section 01 22 00.</td>
<td>$___________LB</td>
</tr>
<tr>
<td>3.</td>
<td>Miscellaneous Metals: refer to Section 01 22 00.</td>
<td>$___________LB</td>
</tr>
<tr>
<td></td>
<td><strong>General Trades</strong></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Install access panel furnished by others in GWB</td>
<td>$___________EA</td>
</tr>
<tr>
<td>2.</td>
<td>Provide Firestopping required for existing mechanical or electrical penetrations. Price per square inch.</td>
<td>$___________SI</td>
</tr>
<tr>
<td>3.</td>
<td>Provide Firestopping required for Existing floor or wall penetration (unused or other than M &amp; E) by General Trades price per square inch.</td>
<td>$___________SI</td>
</tr>
<tr>
<td>4.</td>
<td>Provide price per S.F. to remove and replace vinyl siding</td>
<td>$___________SF</td>
</tr>
<tr>
<td>5.</td>
<td>Install and remove temporary partitions as described: 3 5/8” metal stud 5/8” rated gypsum board on both sides</td>
<td>$___________SF</td>
</tr>
<tr>
<td>6.</td>
<td>Repair and/or replace existing exterior soffit.</td>
<td>$___________per L.F</td>
</tr>
<tr>
<td>Item</td>
<td>Cost per Unit</td>
<td>Unit</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>---------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Replace existing gutters</td>
<td>$__________</td>
<td>per L.F</td>
</tr>
<tr>
<td><strong>Flooring</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. F+I-VCT Flooring</td>
<td>$__________</td>
<td>SF</td>
</tr>
<tr>
<td>2. F+I Resilient Wall Base 4”</td>
<td>$__________</td>
<td>LF</td>
</tr>
<tr>
<td>3. F+I Resilient Wall Base 6”</td>
<td>$__________</td>
<td>LF</td>
</tr>
<tr>
<td>4. F+I Resinous Flooring</td>
<td>$__________</td>
<td>SF</td>
</tr>
<tr>
<td>5. Major Floor Prep (average thickness of ¼”)</td>
<td>$__________</td>
<td>SF</td>
</tr>
<tr>
<td><strong>Painting</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Paint CMU - Complete</td>
<td>$__________</td>
<td>SF</td>
</tr>
<tr>
<td>2. Paint Gypsum Board - Complete</td>
<td>$__________</td>
<td>SF</td>
</tr>
<tr>
<td>3. Paint Ferrous Metal- Complete</td>
<td>$__________</td>
<td>SF</td>
</tr>
<tr>
<td>4. Paint Zinc coated Metal - Complete</td>
<td>$__________</td>
<td>SF</td>
</tr>
<tr>
<td>5. Provide price to paint Structural Steel with Polyamide epoxy with primer as specified</td>
<td>$__________</td>
<td>SF</td>
</tr>
<tr>
<td><strong>Acoustical Ceilings</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. F+I ACT Ceiling Type #1 System, Complete</td>
<td>$__________</td>
<td>SF</td>
</tr>
<tr>
<td>2. F+I ACT Ceiling Type #3 System, Complete</td>
<td>$__________</td>
<td>SF</td>
</tr>
<tr>
<td>3. Provide price for repairs and replacement of existing ceiling tiles that may be required.</td>
<td>$__________</td>
<td>SF</td>
</tr>
<tr>
<td><strong>Aquaculture Equipment</strong></td>
<td></td>
<td>None</td>
</tr>
<tr>
<td><strong>Food Service Equipment</strong></td>
<td></td>
<td>None</td>
</tr>
<tr>
<td><strong>Hydraulic Elevators</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. To include an elevator operator to run the elevator for 1 day (8 hours after the elevator is installed at the Construction Managers discretion.</td>
<td>$__________</td>
<td>DAY</td>
</tr>
<tr>
<td>2. To include an elevator operator to run the elevator for half day (4 hours) after the elevator is installed at the Construction Managers discretion.</td>
<td>$__________</td>
<td>1/2DAY</td>
</tr>
</tbody>
</table>
### Mechanical

<table>
<thead>
<tr>
<th>Description</th>
<th>LF</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. F+I ¾&quot; HVAC Piping CWS or CWS or HWS or HWR copper (complete)</td>
<td></td>
<td>$1.13</td>
</tr>
<tr>
<td>2. F+I 1&quot; HVAC Piping CWS or CWS or HWS or HWR copper (complete)</td>
<td></td>
<td>$1.13</td>
</tr>
<tr>
<td>3. F+I 2&quot; HVAC Piping CWS or CWS or HWS or HWR copper (complete)</td>
<td></td>
<td>$1.13</td>
</tr>
</tbody>
</table>

### Plumbing

<table>
<thead>
<tr>
<th>Description</th>
<th>LF</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. F+I 4&quot; Sanitary Piping w/fittings (below grade)</td>
<td></td>
<td>$1.12</td>
</tr>
<tr>
<td>2. F+I 4&quot; Sanitary Piping w/fittings (above grade)</td>
<td></td>
<td>$1.12</td>
</tr>
<tr>
<td>3. F+I ½&quot; piping water or gas copper (complete)</td>
<td></td>
<td>$1.12</td>
</tr>
<tr>
<td>4. F+I ¾&quot; piping water or gas copper (complete)</td>
<td></td>
<td>$1.12</td>
</tr>
</tbody>
</table>

### Fire Protection

<table>
<thead>
<tr>
<th>Description</th>
<th>EA</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. F+I Semi Recessed Sprinkler head w/10’ of piping</td>
<td></td>
<td>$1.11</td>
</tr>
<tr>
<td>2. F+I Exposed Sprinkler head w 10’ of piping</td>
<td></td>
<td>$1.11</td>
</tr>
</tbody>
</table>

### Electrical Work and Technology

<table>
<thead>
<tr>
<th>Description</th>
<th>EA</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. F+I Duplex receptacle 20 amp 125 volt with box + 10’ 12/3 armored cable</td>
<td></td>
<td>$1.14</td>
</tr>
<tr>
<td>2. F+I GFI Duplex receptacle 20 amp 125 volt with box + 10’ 12/3 armored cable</td>
<td></td>
<td>$1.14</td>
</tr>
<tr>
<td>3. F+I Double Duplex receptacle 20 amp 125 volt with box + 10’ 12/3 armored cable</td>
<td></td>
<td>$1.14</td>
</tr>
<tr>
<td>4. F+I 2x4 mtl wall box+cover plate with conduit up to 9’ w/12” 90 above ceiling (w/string, no wire)</td>
<td></td>
<td>$1.14</td>
</tr>
<tr>
<td>5. F+I 2 ½” EMT conduit (empty and overhead)</td>
<td></td>
<td>$1.14</td>
</tr>
<tr>
<td>6. F+I Conduits for primary electrical service (empty)</td>
<td></td>
<td>$1.14</td>
</tr>
<tr>
<td>7. F+I lighting fixture type “A” w/10’ 12/3 armored</td>
<td></td>
<td>$1.14</td>
</tr>
<tr>
<td>8. F+I lighting fixture type “B” w/10’ 12/3 armored</td>
<td></td>
<td>$1.14</td>
</tr>
<tr>
<td>9. F+I lighting fixture type “B1” w/10’ 12/3 armored</td>
<td></td>
<td>$1.14</td>
</tr>
<tr>
<td>10. F+I lighting fixture type “L” w/10’ 12/3 armored</td>
<td></td>
<td>$1.14</td>
</tr>
<tr>
<td>11. F+I Fire Alarm Pull Station (complete)</td>
<td></td>
<td>$1.14</td>
</tr>
<tr>
<td>12. F+I Fire Alarm Horn/Strobe (complete)</td>
<td></td>
<td>$1.14</td>
</tr>
</tbody>
</table>
### UNIT LABOR RATES

The following are hourly wage rates for all tradesmen associated with this bid package for performing extra work on a time and material basis. These rates should reflect the actual rates (do not include any overhead or profit in any of these rates) as defined in Article 11 of the General Conditions and are in accordance with the prevailing wages and the PLA of the trade having jurisdiction in areas where the work is being performed. Further, no mark-up shall be allowed on the premium time portion of the wage rate. This contractor is required to submit labor rate summary sheets, which will ultimately justify all these labor rates. All rates are subject to a thorough analysis and subject to reduction if deemed inaccurate by Construction Manager and/or the City of Bridgeport. Please note that the State of Connecticut does not accept the cost for additional bond premiums rolled into each change order. Since the State is supplying money for this project, this requirement must be met. Therefore, do not include increased bond cost in your quotation for changes. Rather, at the end of the project a change order will be generated to cover any additional bond cost based on billings from your bonding company.

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Cost</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>F+I Fire Alarm Smoke Detector (complete)</td>
<td>$_______EA</td>
<td>1.14</td>
</tr>
<tr>
<td>14</td>
<td>F+I Exit Light/Sign wall mounted (complete)</td>
<td>$_______EA</td>
<td>1.14</td>
</tr>
<tr>
<td>15</td>
<td>F+I emergency light and wire (complete)</td>
<td>$_______EA</td>
<td>1.14</td>
</tr>
<tr>
<td>16</td>
<td>F+I additional smoke detector and wire (complete)</td>
<td>$_______EA</td>
<td>1.14</td>
</tr>
<tr>
<td>17</td>
<td>F+I additional heat detector and wire (complete)</td>
<td>$_______EA</td>
<td>1.14</td>
</tr>
<tr>
<td>18</td>
<td>F+I additional strobe light and wire (complete)</td>
<td>$_______EA</td>
<td>1.14</td>
</tr>
<tr>
<td>19</td>
<td>F+I additional speaker strobe and wire (complete)</td>
<td>$_______EA</td>
<td>1.14</td>
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<tr>
<td>20</td>
<td>F+I additional pull station and wire (complete)</td>
<td>$_______EA</td>
<td>1.14</td>
</tr>
<tr>
<td>21</td>
<td>F+I additional P/A speaker and wire (complete)</td>
<td>$_______EA</td>
<td>1.14</td>
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<tr>
<td>22</td>
<td>Technology</td>
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<tr>
<td>1</td>
<td>F+I Additional Data Outlet and Wire (complete)</td>
<td>$_______EA</td>
<td>1.15</td>
</tr>
<tr>
<td>2</td>
<td>F+I Additional 2 gang voice/data outlet and Wire(complete)</td>
<td>$_______EA</td>
<td>1.15</td>
</tr>
<tr>
<td>3</td>
<td>F+I Additional Wall Phone and Wire (complete)</td>
<td>$_______EA</td>
<td>1.15</td>
</tr>
<tr>
<td>4</td>
<td>F+I additional TV Outlet and Wire (complete)</td>
<td>$_______EA</td>
<td>1.15</td>
</tr>
</tbody>
</table>
The straight time listed above should match exactly the total listed below per each Classification total.

The breakdown of the Actual Straight time Rates (DO NOT INCLUDE ANY OH&P IN THESE BELOW UNITS) is calculated as follows:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Hourly Rate</th>
<th>Benefits</th>
<th>Workmen’s Comp.</th>
<th>General Liability</th>
<th>FICA 7.65%</th>
<th>State U.C. 5.5%</th>
<th>Federal U.C. .8%</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
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</table>
**CHANGE ORDERS**

For work performed by a Contractor the cost to the Owner may include an Allowance for overhead and profit not to exceed fifteen (15) percent on the contractor's own labor and equipment and ten (10) percent on materials, supplies, rental equipment and subcontractor work.

If the net value of a change results in a credit from the contractor, the credit shall be the net cost without overhead or profit.

**MANDATORY ALTERNATES**

The Undersigned further proposes and agrees that should the following alternate or alternates be accepted and included in this Contract, the amount of base bid, as heretofore stated, shall be increased by stated alternate amount. All materials and workmanship shall be in strict accordance with original specifications and drawings.

The Contract requirements shall be an integral part of the alternates. The base bid shall include all work shown on the drawings and specifications irrespective of any items included in the alternative. The alternate is subject to acceptance or rejection by the Owner without affecting the price of the base bid. A Contract will be awarded on any base bid-alternate combination that is in the best interest of the Owner. Contractors shall perform all work required to complete execution of the accepted alternate. The amount of the alternate price shall include the cost of any and all modifications made necessary by the Owner's acceptance and all Contractor's expenses including overhead and profit. The bidding contractor shall state the amount of the alternate listed below. No response to the alternates will be interpreted as no change in cost.

<table>
<thead>
<tr>
<th>Add Alt. No.</th>
<th>Description</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>Roofing</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Provide single-ply membrane roofing with decorative ribs on new addition, in accordance with Division 07 Section “Thermoplastic Membrane Roofing”, in lieu of asphalt shingle roofing.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Refer to drawing A3.01.1 for extent.</td>
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</tbody>
</table>

Add/Deduct $______________
<table>
<thead>
<tr>
<th>Add Alt. No.</th>
<th>Description</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td><strong>Roofing</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Provide asphalt shingle roofing on existing building, in accordance with Division 07 Section “Asphalt Shingles.”</td>
<td>Add/Deduct $______________</td>
</tr>
<tr>
<td></td>
<td>2. Include removal of existing roofing materials in accordance with Division 02 Section “Roof Removals.”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Refer to Drawing A3.01 for extent.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td><strong>Roofing</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Provide single-ply membrane roofing with decorative ribs on existing building, in accordance with Division 07 Section “Thermoplastic Membrane Roofing”, in lieu of asphalt single roofing.</td>
<td>Add/Deduct $______________</td>
</tr>
<tr>
<td></td>
<td>2. Include removal of existing roofing materials in accordance with Division 02 Section “Roof Removals.”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Refer to Drawing A3.01.1 for extent.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td><strong>Boatyard Courtyard Paving</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Provide resurfacing of the existing boatyard with new bituminous paving, as indicated on the “L” series Drawings.</td>
<td>Add/Deduct $______________</td>
</tr>
<tr>
<td>5</td>
<td><strong>Boatyard Courtyard Paving:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Provide a 20 ft. strip at the perimeter area only, as indicated on the “L” series Drawings.</td>
<td>Add/Deduct $______________</td>
</tr>
<tr>
<td>6</td>
<td><strong>Stainless Steel Uni-strut in Hatchery C136</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Provide stainless steel uni-strut system in lieu of fiberglass uni-strut system in Hatchery C136 in accordance with Division 05 Section “metal fabrications”</td>
<td>Add/Deduct $______________</td>
</tr>
<tr>
<td>7</td>
<td><strong>FRP Doors in Hatchery C136</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Provide FRP doors and hollow metal frames in lieu of stainless steel doors and frames in Hatchery C136.</td>
<td>Add/Deduct $______________</td>
</tr>
<tr>
<td></td>
<td>2. Refer to Division 08 Section “Schedules for Openings – Door, Frame, and Opening Schedule” for locations.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td><strong>PIF Piles</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Provide 12” diameter PIF piles at 75 ton/pile minimum at pile locations indicated on Drawing S1.00.</td>
<td>Add/Deduct $______________</td>
</tr>
<tr>
<td>9</td>
<td><strong>Precast Concrete Piles</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Provide 14” x 14” precast concrete piles at 75 ton/pile and 5000 psi compressive strength minimum at pile locations indicated on Drawing S1.00.</td>
<td>Add/Deduct $______________</td>
</tr>
<tr>
<td>Add Alt. No.</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
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</tr>
<tr>
<td>10</td>
<td><strong>Controls</strong>&lt;br&gt;1. Upgrade existing Johnson Controls Corporation building system controls to provide seamless interface with the new DDC system proposed for the addition</td>
<td>Add/Deduct$__________</td>
</tr>
<tr>
<td>11</td>
<td><strong>Technology Infrastructure Wiring</strong>&lt;br&gt;1. Provide technology infrastructure wiring in the Electrical bid package in lieu of the Technology bid package as indicated in the Contract Documents.</td>
<td>Add $__________</td>
</tr>
<tr>
<td>12</td>
<td><strong>Wall Coverings</strong>&lt;br&gt;1. Delete all wall coverings indicated on Drawings and as specified in Division 9 Section “Wall Coverings.”</td>
<td>Deduct$__________</td>
</tr>
<tr>
<td>13</td>
<td><strong>Existing Parking Lot Paving</strong>&lt;br&gt;1. Remove and replace the existing parking lot paving with light duty asphalt paving (1 ½ “top course on 1 ½” binder course) on existing base material, per detail 1B/L6.01 Refer to sheet L3.01 for extent.</td>
<td>Add/Deduct$__________</td>
</tr>
<tr>
<td>14</td>
<td><strong>Existing Window Cladding</strong>: 1. Delete aluminum cladding of existing window trim.</td>
<td>Deduct$__________</td>
</tr>
<tr>
<td>15</td>
<td><strong>FRP Doors at Existing Exterior Openings</strong>: 1. Delete replacement of existing doors with FRP doors as indicated at the existing building, with exception to door no. B103A.</td>
<td>Deduct$__________</td>
</tr>
<tr>
<td>16</td>
<td><strong>Security</strong>: 1. Provide all pipes, back-boxes, and rough-in by Electrical Bid Package. Include all wiring, devices, terminations, and testing as required.</td>
<td>Add/Deduct$__________</td>
</tr>
<tr>
<td>17</td>
<td><strong>Moisture mitigation VAPORTIGHT Slab Top Coat</strong>: 1. Provide Topical Water Vapor Emission Control System in accordance with Division 09 Section “Water Vapor Emission Control System” in lieu of Integral Concrete Water Proofing.</td>
<td>Add/Deduct$__________</td>
</tr>
<tr>
<td>18</td>
<td><strong>Parking lot Lighting</strong>: 1. Provide new precast light pole bases, setting bolts, standards, heads, lamps, and all wiring required for a complete installation. Include prefinished aluminum trim covers with the standards.</td>
<td>Add/Deduct$__________</td>
</tr>
</tbody>
</table>
ADDENDA

Acknowledgment is hereby made of the following addenda supplements to the Drawings and Specifications:

<table>
<thead>
<tr>
<th>Addendum No.</th>
<th>Dated</th>
<th>Addendum No.</th>
<th>Dated</th>
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<tbody>
<tr>
<td>Addendum No.</td>
<td>Dated</td>
<td>Addendum No.</td>
<td>Dated</td>
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<tr>
<td>Addendum No.</td>
<td>Dated</td>
<td>Addendum No.</td>
<td>Dated</td>
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</tbody>
</table>

NON-COLLUSIVE BIDDING CERTIFICATION

By submission of this bid each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of his knowledge and belief:

1. The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;

2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to the opening, directly or indirectly, to any other bidder or to any competitor; and

3. No attempt has been made or will be made by the bidder to induce any other person, partnership, or corporation to submit or not to submit a bid for the purpose of restricting competition. The foregoing statement subscribed by the bidder and affirmed by such bidder as true under the penalties of perjury and is made pursuant to the applicable section of the General Laws of the State of Connecticut as most recently amended.

CONTRACTOR QUALIFICATIONS

1. The undersigned company has been in business under its' present name for ____ years.

2. The undersigned company has had ____ years experience in construction work similar to that described in the bid documents for this project.

3. List below the construction projects the undersigned company currently has under contract as of this date:

<table>
<thead>
<tr>
<th>Contract Sum</th>
<th>Class of Work</th>
<th>% Complete</th>
<th>Name &amp; Address of Owner</th>
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</table>
4. List below a minimum of three (3) projects the undersigned company has performed in the past five (5) years which are representative of this project and would qualify you for this work:

<table>
<thead>
<tr>
<th>Contract Sum</th>
<th>Class of Work</th>
<th>% Complete</th>
<th>Name &amp; Address of Owner</th>
</tr>
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<tbody>
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5. If applicable complete the follow; if not applicable state N/A:
   a. Has the undersigned company ever failed to complete awarded work. (If the answer is yes, please provide location(s), date(s) and reason(s) below)

   b. Has any officer or partner of the undersigned company, while performing in the capacity of an officer, partner, or individual owner of another organization, ever failed to complete a construction contract. (If yes, please state below the following information: name of individual(s), name(s) of organization and reason(s)

6. List the number of all litigation or arbitration proceedings, including out-of-court settlements initiated by or against you within the past three (3) years, including all pending cases.

7. Has your Company or a subcontractor to and through you within the past 5 years been subject of a claim file formally or informally by an Owner, Construction Manager, or General Contractor for failure to meet a deadline, a milestone, a schedule, or the completion of a project? Please circle the appropriate response. YES NO
   If yes, state the project, location, Owner, subcontractor (if applicable) and by whom the claim was filed.

8. Has your Company or a subcontractor to and through you within the past 5 years paid liquidated damages or a penalty for failing to meet a deadline, a milestone, a schedule, or the completion of the project? Please circle the appropriate response. YES NO

9. Has your Company or a subcontractor to and through you ever filed within the past 5 years a formal or informal claim to an Owner, Construction manager or General Contractor for acceleration, delay, and/or other types of recovery costs? Please circle the appropriate response: YES NO
10. In accordance with Public Act 03-215 (an act concerning State construction contracts), complete the following items if your bid is in excess of $500,000:

a. Do you have a DAS Pre-Qualification Certificate: YES ______ No ______

b. List classifications that you are pre-qualified for:

_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________

11. Per Section 10 of the instruction to bidders, the bid must list and contain the following:

(a) The name, title and place of business of the person or persons making the same as stated below (List Below):

(b) The names of all persons interested therein, and if no other person is so interested, such fact must be distinctly stated below:

(c) By submitting this proposal, this bidder states and testifies that he or she has made no connection with any other person making a bid for the same purpose and that it is all respects fair and without collusion or fraud.

(d) By submitting this proposal, this bidder states and testifies that no Council member or other officer or employee or person whose salary is payable in whole or part from the City Treasury is directly or indirectly interested therein or in the supplies, materials or equipment and work or labor to which it relates, or in any portion of the profits thereof.

(e) By submitting this proposal, this bidder states and testifies that he or she is not in arrears to the City or to any agency upon a debt or contract or taxes, and is not a defaulter as surety or otherwise upon any obligation to the City to any agency thereof, except as set forth in the bid.
12. **OTHER REQUIREMENTS**

It is understood that the Owner reserves the right to accept or reject any and all bids that the Owner deems to be in his best interest.

Upon notification of acceptance of this proposal, the undersigned agrees to execute a contract in the form as stated within these contract documents for the amount stated.

Prices quoted shall be guaranteed for one hundred twenty (120) days after date of proposal. If written notice of award is received within one hundred twenty (120) calendar days after the opening of bids, the undersigned agrees to execute said contract and furnish to the Owner within ten (10) days after receipt of said notice of award, the executed Contract, together with the Performance Bond, Labor and Material. Individual bids must be sent in separately sealed envelopes with accompanying bid security for each bid package. **If submitting a combination bid, the combination bid must be sent separately from the individual bid packages in a separately sealed envelope marked as such, with accompanying bid security.**

Bonds and Insurance Certificates required herein.

The undersigned agrees that the Bid Security payable to Owner accompanying this proposal is left in escrow with the Owner; that its amount is the measure of liquidated damages which the Owner will sustain by the failure of the undersigned to execute and deliver the above-named Bonds and Contract; and that if the undersigned defaults in furnishing said bonds or in executing and delivering said Contract within ten (10) days of written notification of award of the Contract to him/her, then said Security shall be payable to the Owner for its own account; but if this proposal is not accepted within said one hundred twenty (120) days of the time set for submission of bids, or if the undersigned executes and delivers said bonds and Contract, the Bid Security shall be returned to the undersigned.

The undersigned hereby certifies that they are able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work.

By submission of this proposal, the undersigned acknowledges that they have visited the site, informed themselves of the existing conditions, and have included in the proposal a sum to cover the costs of all items in the contracts.

By submission of this proposal, the undersigned acknowledges that they have read the job narrative and schedule requirements and agrees to provide sufficient staff and organization and to select subcontractors and suppliers to comply with the requirements for submittals, delivery dates, work periods, and completion dates as specified.

Respectfully submitted,

By: ____________________________

Title: ____________________________

Business Name: ____________________________

Address: ________________________________________________________________

Telephone Number/Fax Number: ____________________________________________

Attest: ____________________________________________________________________

**SEAL IF REQUIRED**
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.
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

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

http://www.ctdol.state.ct.us/wgwkstnd/laws-regls/statute31-55a.htm
Published by the Connecticut Department of Labor, Project Management Office
~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 ________________________
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: __________________________
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 ________________, 2008.

__________________________

Notary Public

Return to:

Connecticut Department of Labor
Wage & Workplace Standards Division
200 Folly Brook Blvd.
Wethersfield, CT 06109
**OSHA-ATTACH CARD TO ISL CERTIFIED PAYROLL**

<table>
<thead>
<tr>
<th>PAYROLL NUMBER</th>
<th>WSSC: 74</th>
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<table>
<thead>
<tr>
<th>Date</th>
<th>Rate</th>
<th>Hours Worked Each Day</th>
<th>House Hours each day</th>
<th>Net Pay</th>
<th>Employee's Name</th>
<th>Address</th>
<th>TW</th>
<th>Resident State</th>
<th>Date &amp; Time of Work &amp; Date</th>
<th>Project Name &amp; Address</th>
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</table>

**CONTRACTOR NAME & ADDRESS**

Worker Compensation Insurance Card

**WEBSITE PAYROLL**

*Weekly Certification for Public Works Projects*

*New: In accordance with Section 4342(e) of the CGA, each contractor shall provide a copy of the OSHA 10 Hour Construction Safety and Health Card for each employee to be shielded in the field.*
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 (b), 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)

***THIS IS A PUBLIC DOCUMENT***
***DO NOT INCLUDE SOCIAL SECURITY NUMBERS***

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### Weekly Payroll

<table>
<thead>
<tr>
<th>Payroll Certification for Public Works Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Person/Worker</strong></td>
</tr>
<tr>
<td><strong>Rate</strong> (per hour)</td>
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<tr>
<td><strong>Time</strong></td>
</tr>
<tr>
<td><strong>Net Pay</strong></td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Date and Time</th>
<th>Net Pay</th>
<th>Rate</th>
<th>Time</th>
<th>Gross Pay</th>
<th>Other</th>
<th>Total Pay</th>
<th>Cash This Week</th>
<th>Total Pay This Week</th>
<th>Net Pay This Week</th>
<th>Hours Worked</th>
<th>Total Hours</th>
<th>Total Pay for All Work</th>
<th>Person/Worker Name</th>
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</tbody>
</table>

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**Notes:**
- This form must be accompanied by a cover page (Form 2WS-P).
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 resistant 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, facia, 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.
CONNETICUT 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


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


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.