

BID CLARIFICATION #1

February 26, 2009

DUE DATE: March 19, 2009
TIME: 2:00 p.m.
PROJECT: Farm Buildings Repair and Replacement
PROJECT NO: #901366
LOCATION: University of Connecticut
Capital Projects & Contract Administration
31 LeDoyt Road
Storrs, CT
Attn: Walt Dalia
(Sealed Bids – In Duplicate – Faxes Not Accepted)

Please note the following information must be incorporated into your bid for the Farm Buildings Repair and Replacement, Project No: #901366. There are one hundred and one (101) pages in this document including the Bid Clarification #1 page.

1. CT Department of Labor Wage and Workplace Standards Division, Minimum Rates and Classifications for Building Construction dated February 18, 2009. See Attachment. (Pages 2 -10)
2. Attached are changes to the Project Manual & Sketches SK-A114.1A & SK-A114.1B. (Pages 11 – 50)
3. Attached is a replacement for Exhibit D – Form of Proposal. Please note changes in Allowances (Pages 51 -60)
4. Attached is a replacement for Exhibit E – Requested Alternates (Pages 61 & 62)
5. Attached is a replacement for Exhibit F – Unit Prices (Pages 63 & 64)
6. Attached is a replacement for Exhibit H – A305 (Pages 65 – 101)

The University of Connecticut Bid Submission Requirements:

- All bidders must submit their Form of Proposal along with all required forms **and any associated bid clarifications** as your firm's bid proposal. All required forms must be completed.
- All bidders must initial the bottom of each page within their bid proposal and associated Bid Clarifications attesting to the fact that you have reviewed, read, understood, and accepted the information and terms and conditions within, without exception.
- **YOUR BID PROPOSAL MAY BE CONSIDERED NON-RESPONSIVE AND MAY NOT BE REVIEWED FOR FAILURE TO SUBMIT ALL OF THE ABOVE DOCUMENTATION (ALONG WITH ANY OTHER DOCUMENTATION DETAILED IN THE BID DOCUMENTS AND SPECIFICATIONS)**
- All bid awards must be approved by the University of Connecticut. After review of all factors, terms and conditions, including price, the University of Connecticut reserves the right to reject any and all proposal, or any part thereof, or waive defects in same, or accept any proposal deemed to be in the best interest of the University of Connecticut

University of Connecticut
Walt Dalia, Purchasing Agent I

Project: Farm Buildings Repair And Replacement At Uconn

**Minimum Rates and Classifications
for Building Construction**

B 11808

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

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

Project Number 901366

Project Town Mansfield

Project: Farm Buildings Repair And Replacement At Uconn

CLASSIFICATION

	Hourly Rate	Benefits
1a) Asbestos Worker/Insulator (Includes application of insulating materials, protective coverings, coatings, & finishes to all types of mechanical systems; application of firestopping material for wall openings & penetrations in walls, floors, ceilings.	34.21	19.81
1b) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation (except its removal from mechanical systems which are not to be scrapped), toxic waste removers, blasters.**See Laborers Group 7**		
1c) Hazardous Material Handler: Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems.	20.50	10.30
2) Boilermaker	33.79	34% + 8.96
3a) Bricklayer, Cement Mason, Cement Finishers, Plasterers, Stone Masons	31.60	18.98 + a
3b) Tile Setter	30.78	16.98

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3c) Terrazzo Workers, Marble Setters 30.91 19.12

3d) Tile, Marble & Terrazzo Finishers 24.90 14.78

-----LABORERS-----

4) Group 1: Laborers, carpenter tenders, wrecking laborers, fire
watchers. 23.25 14.00

4a) Group 2: Mortar mixers, plaster tenders, power buggy
operators, powdermen, fireproofers/mixer/nozzleman. 23.50 14.00

4b) Group 3: Jackhammer operators, mason tenders. 23.75 14.00

4c) **Group 4: Pipelayers (Installation of water, storm drainage or
sewage lines outside of the building line with P6, P7 license) [If using
this classification call the Labor Department for clarification] 24.10 14.00

4d) Group 5: Air track operators, Sand blasters. 24.00 14.00

4e) Group 6: Nuclear toxic waste removers, blasters. 26.25 14.00

4f) Group 7: Asbestos removal and encapsulation (except it's
removal from mechanical systems which are not to be scrapped). 24.25 14.00

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4g) Group 8: Bottom men on open air caisson, cylindrical work and boring crew.	23.75	14.00
4h) Group 9: Top men on open air caisson, cylindrical work and boring crew.	23.25	14.00
5) Carpenter, Acoustical Tile Worker, Concrete Form-Wood Builder, Floor Covering (Including Drywall Hanging), Modular-Furniture Systems Installers, Lathers, Piledrivers, Resilient Floor Layers.	27.90	16.96
5a) Millwrights	28.65	16.96
6) Electrical Worker, Cable Splicer (electric) (Trade License required: E1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	34.40	18.57
7a) Elevator Mechanic (Trade License required: R-1,2,5,6)	42.34	18.285+a+b
8) Glazier (Trade License required: FG-1,2)	31.43	14.00 + a
9) Ironworker, Ornamental, Reinforcing, Structural, and Precast Concrete Erection	32.40	23.58 + a
----OPERATORS----		
Group 1: Crane handling or erecting structural steel or stone, hoisting engineer 2 drums or over, front end loader (7 cubic yards or over); work boat 26 ft. and over.	33.05	16.90 + a

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Group 2: Cranes (100 ton rate capacity and over); Excavator over 2 cubic yards; Piledriver (\$3.00 premium when operator controls hammer)	32.73	16.90 + a
Group 3: Excavator; Cranes (under 100 ton rated capacity), Gradall; Master Mechanic; Hoisting Engineer (all types of equipment where a drum and cable are used to hoist or drag material regardless of motive power of operation), Rubber Tire Excavator (Drott-1085	31.99	16.90 + a
Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper)	31.60	16.90 + a
Group 5: Specialty Railroad Equipment; Asphalt Spreader; Asphalt Reclaiming Machine; Line Grinder; Concrete Pumps; Drills with Self Contained Power Units; Boring Machine; Post Hole Digger; Auger; Pounder; Well Digger; Milling Machine (over 24" Mandrell)	31.01	16.90 + a
Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	31.01	16.90 + a
Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	30.70	16.90 + a
Group 7: Asphalt roller, concrete saws and cutters (ride on types), vermeer concrete cutter, Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and under Mandrell).	30.36	16.90 + a
Group 8: Mechanic, grease truck operator, hydroblaster; barrier mover; power stone spreader; welding; work boat under 26 ft.; transfer machine.	29.96	16.90 + a
Group 9: Front end loader (under 3 cubic yards), skid steer loader regardless of attachments, (Bobcat or Similar): forklift, power chipper; landscape equipment (including Hydroseeder).	29.53	16.90 + a
Group 10: Vibratory hammer; ice machine; diesel and air, hammer, etc.	27.49	16.90 + a

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Group 11: Conveyor, earth roller, power pavement breaker (whiphammer), robot demolition equipment.	27.49	16.90 + a
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Group 12: Wellpoint operator.	27.43	16.90 + a
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Group 13: Compressor battery operator.	26.85	16.90 + a
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Group 14: Elevator operator; tow motor operator (solid tire no rough terrain).	25.71	16.90 + a
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Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator.	25.30	16.90 + a
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Group 16: Maintenance engineer.	24.65	16.90 + a
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Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator.	28.96	16.90 + a
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Group 18: Power safety boat; vacuum truck; zim mixer; sweeper; (Minimum for any job requiring a CDL license).	26.54	16.90 + a
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-----PAINTERS (Including Drywall Finishing)-----

10a) Brush, Roller	27.87	14.00
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10b) Taper	28.62	14.00
10c) Paperhanger	28.37	14.00
10d) Red Label	28.37	14.00
10e) Blast and Spray	30.87	14.00
10f) Tanks, Tower, Swingstage	29.87	14.00
11) Plumber P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2)	(Trade License required: 35.37	19.71
12) Post Digger, Well Digger, Pile Testing Machine	26.25	9.20 + a
13) Roofer (composition)	30.73	13.91
14) Roofer (slate & tile)	31.23	13.91
15) Sheetmetal Worker (Trade License required for HVAC and Ductwork: SM-1,SM-2,SM-3,SM-4,SM-5,SM-6)	30.57	24.50

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16) Pipefitter (Including HVAC work) (Trade License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4, G-1, G-2, G-8 & G-9)	35.37	19.71
-----TRUCK DRIVERS-----		
17a) 2 Axle	26.18	12.47 + a
17b) 3 Axle, 2 Axle Ready Mix	26.28	12.47 + a
17c) 3 Axle Ready Mix	26.33	12.47 + a
17d) 4 Axle, Heavy Duty Trailer up to 40 tons	26.38	12.47 + a
17e) 4 Axle Ready Mix	26.43	12.47 + a
17f) Heavy Duty Trailer (40 Tons and Over)	26.63	12.47 + a
17g) Specialized Earth Moving Equipment (Other Than Conventional Type on-the-Road Trucks and Semi-Trailers, Including Euclids)	26.43	12.47 + a
18) Sprinkler Fitter (Trade License required: F-1,2,3,4)	38.35	20.25 + a

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Welders: Rate for craft to which welding is incidental.

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

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

Crane with 150 ft. boom (including jib) - \$1.50 extra
Crane with 200 ft. boom (including jib) - \$2.50 extra
Crane with 250 ft. boom (including jib) - \$5.00 extra
Crane with 300 ft. boom (including jib) - \$7.00 extra
Crane with 400 ft. boom (including jib) - \$10.00 extra

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

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

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

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

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

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

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

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

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

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

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

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

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

***As of:* Wednesday, February 18, 2009**

**FARM BUILDINGS REPAIR AND REPLACEMENT
STORRS, CONNECTICUT**

The following changes to the Drawings and Project Manual shall become a part of the Contract Documents superseding previously issued Drawings and Specifications to the extent modified by this Addendum No. 1.

SKETCHES

SKETCH NO. SK-A114.1A – REVISED SECTION A BROODER HOUSE #0135:

- 1) Refer to Sketch for revisions.

SKETCH NO. SK-A114.1B – REVISED SECTION B - BROODER HOUSE #0135:

- 1) Refer to Sketch for revisions.

CHANGES TO THE PROJECT MANUAL

A. SECTION 00010 – TABLE OF CONTENTS:

- 1) Replace Section 00010 with new section included with this addendum.
 - a) Add Section 01210 – Allowances.
 - b) Add Section 08221 – Fiberglass Reinforces plastic Doors.
 - c) Add Section 08710 – Door Hardware.

B. SECTION 01026 – UNIT PRICES:

- 1) Replace Section 01026 with new section included with this addendum.

- a) Revised Article 3.1 SCHEDULE OF UNIT PRICES, paragraphs A and B.
- C. SECTION 01210 – ALLOWANCES:
 - 1) Add new Section 01210 included with this addendum to the Project Manual.
- D. SECTION 01230 – ALTERNATES:
 - 1) Replace Section 01230 with new section included in this addendum.
 - a) Revised Article 3.1 SCHEDULE OF ALTERNATES, add paragraph C (Alternate #3) add paragraph D (Alternate #4).
- E. SECTION 07311 – ASPHALT SHINGLES:
 - 1) Replace Section 07311 with new section included with this addendum.
 - a) Revise Article 2.2, paragraph A, add subparagraph 4 to read as follows:
“Location: Eaves, rake edge, and valleys.”
 - b) Revise Article 2.2, add paragraph B to read as follows:
“Felt: ASTM D226 Type I, No.15 asphalt-saturated organic felts, non-perforated.”
“Location: General roofing area.”
- F. SECTION 08221 – FIBERGLASS REINFORCED PLASTIC DOORS
 - 1) Add new Section 08221 included with this addendum to the Project Manual.
- G. SECTION 08710 – DOOR HARDWARE
 - 1) Add new Section 08710 included with this addendum to the Project Manual.

CHANGES TO DRAWINGS

- A. DRAWING A114 – POLUTRY BROODER HOUSE #0135:
 - 1) Change aluminum gutter size from 6"x4-3/4" to 5"x3-3/4".

NEW DRAWING AND REVISED TITLE: THIS DRAWING IS THE PROPERTY OF FLETCHER THOMPSON AND ARCHITECTURE, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF FLETCHER THOMPSON AND ARCHITECTURE, INC.

FLETCHER THOMPSON
 ARCHITECTURE / ENGINEERING / INTERIOR DESIGN
 FLETCHER THOMPSON, INC.
 THREE CORPORATE DRIVE
 SHELTON, CT 06484-8244

PROJECT TITLE
UNIVERSITY OF CONNECTICUT



FARM BUILDING
 REPAIR AND REPLACEMENT
 STORRS, CT 06268
 PACKAGE NO. 1

DRAWING TITLE
**REVISED SECTION 'A'
 - BROODER
 HOUSE #0135**

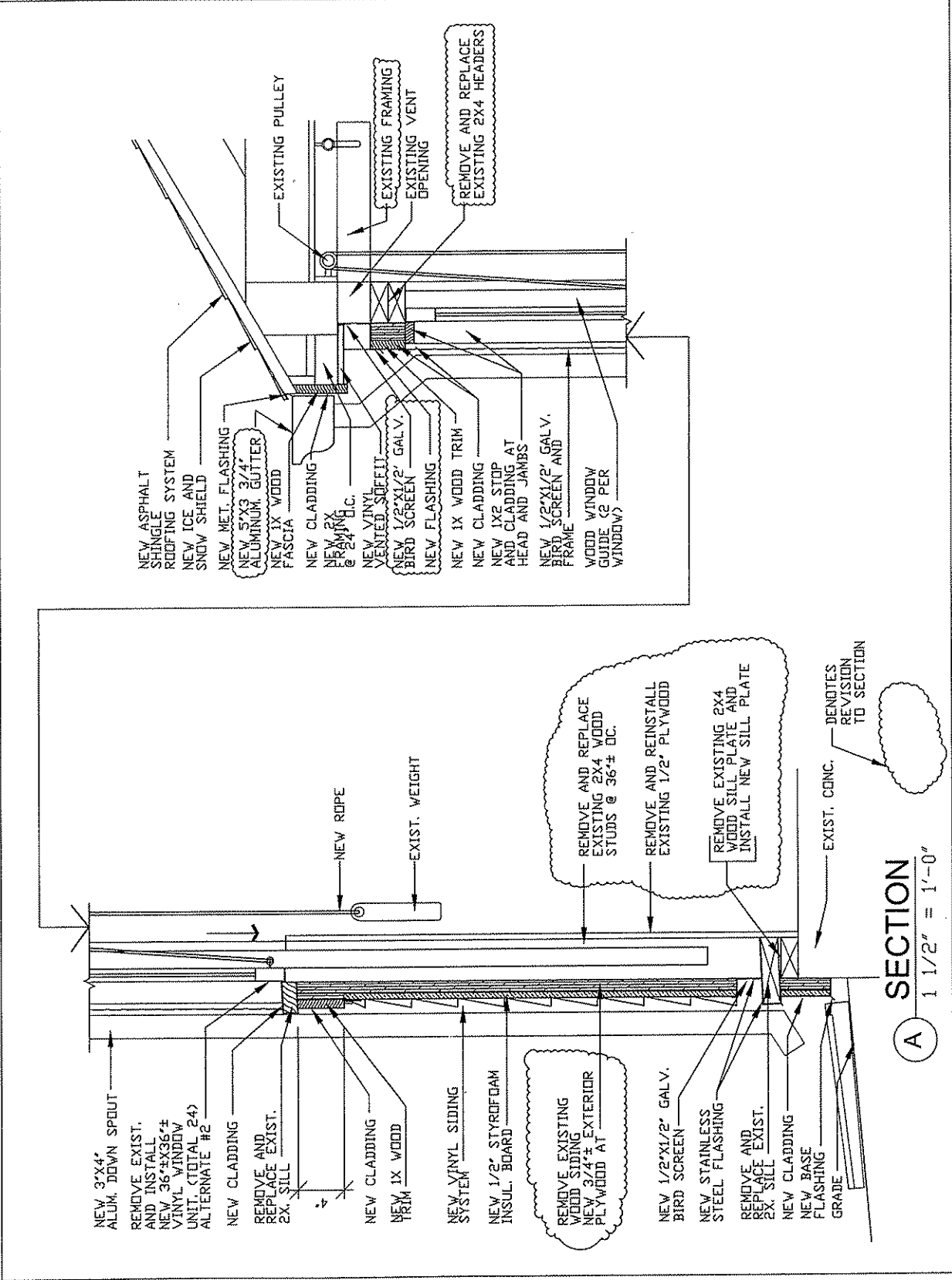
DRAWN BY
 J. Czibatyj RA

DATE
 2/20/09

SCALE
 1/2" = 1'-0"

PROJECT NO.
 HO71480.06

DRAWING NO.
SK-A114.1A



NEW 3"x4" ALUM. DOWN SPOUT
 REMOVE EXIST. AND INSTALL NEW 36"x36"± VINYL WINDOW UNIT. (TOTAL 24) ALTERNATE #2
 NEW CLADDING
 REMOVE AND REPLACE EXIST. 2X SILL
 NEW CLADDING
 NEW 1X WOOD TRIM

NEW VINYL SIDING SYSTEM
 NEW 1/2" STYROFOAM INSUL. BOARD
 REMOVE EXISTING WOOD SIDING EXISTING 3/4"± EXTERIOR PLYWOOD AT

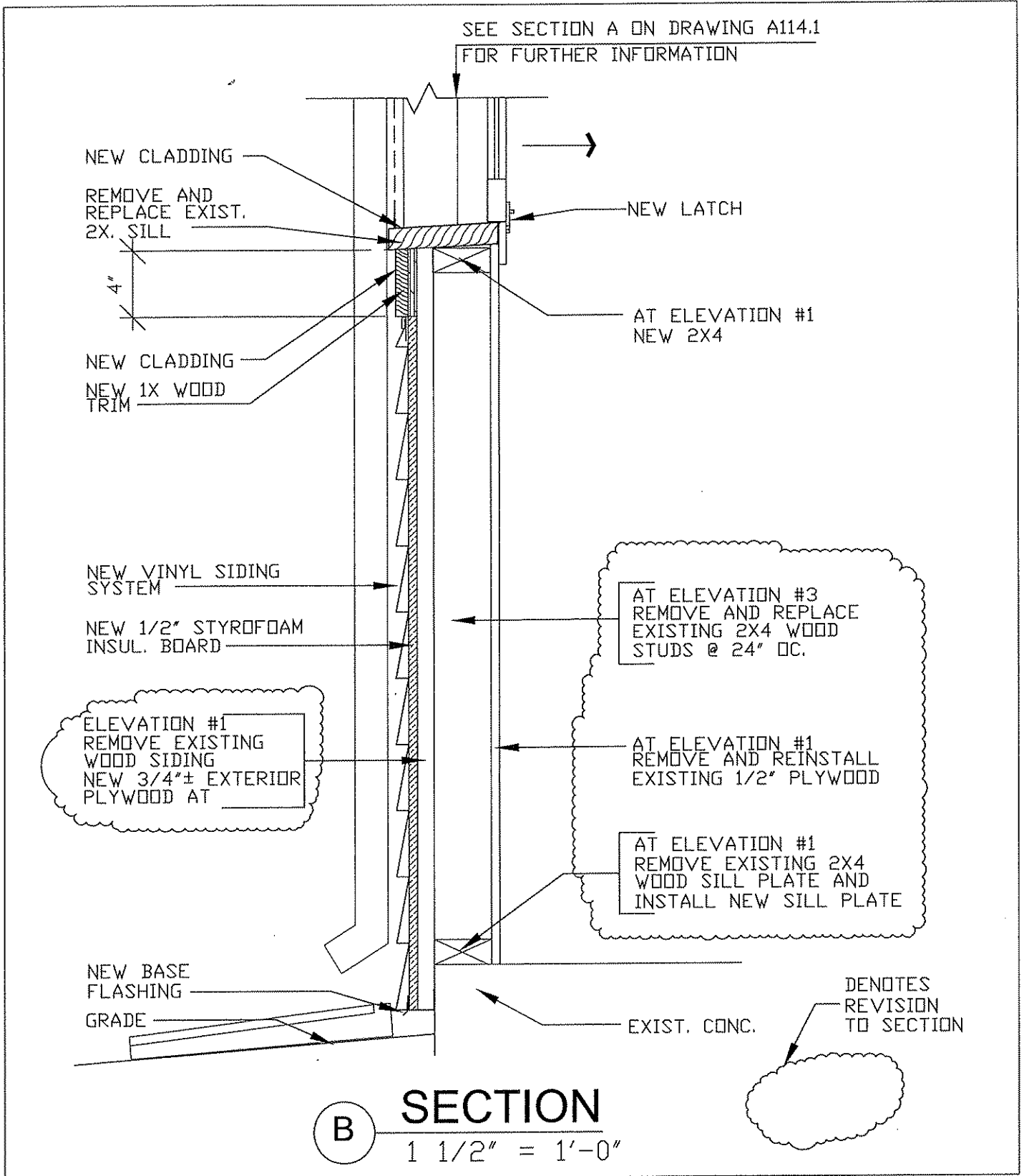
NEW 1/2"x1/2" GALV. BIRD SCREEN
 NEW STAINLESS STEEL FLASHING
 REMOVE AND REPLACE EXIST. 2X SILL
 NEW CLADDING
 NEW BASE FLASHING GRADE

REMOVE AND REPLACE EXISTING 2X4 WOOD STUDS @ 36"± OC.
 REMOVE AND REINSTALL EXISTING 1/2" PLYWOOD

REMOVE EXISTING 2X4 WOOD SILL PLATE AND INSTALL NEW SILL PLATE

EXIST. CONC.
 DENOTES REVISION TO SECTION

SECTION A
 1/2" = 1'-0"



INTRODUCTORY INFORMATION

- 00000 - Project Manual Cover
- 00001 - Project Title Page
- 00010 - Table of Contents

DIVISION 0 – BIDDING AND CONTRACTING REQUIREMENTS

Provided by Owner

SPECIFICATIONS

DIVISION 1 - GENERAL REQUIREMENTS

- 01010 - Summary of Work
- 01026 - Unit Prices
- 01040 - Project Coordination
- 01050 - Field Engineering
- 01200 - Project Meetings
- 01210 - Allowances
- 01230 - Alternates
- 01300 - Submittals
- 01400 - Quality Control
- 01500 - Construction Facilities and Temporary Controls
- 01600 - Material and Equipment
- 01700 - Project Closeout
- 01732 - Selective Demolition
- 01740 - Warranties and Bonds

DIVISION 2 - SITE CONSTRUCTION

Not Used

DIVISION 3 - CONCRETE

Not Used

DIVISION 4 - MASONRY

Not Used

DIVISION 5 - METALS

Not Used

DIVISION 6 - WOOD AND PLASTICS

- 06100 - Rough Carpentry
- 06150 - Wood Decking
- 06160 - Sheathing

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

- 07311 - Asphalt Shingles
- 07460 - Siding
- 07620 - Sheet Metal Flashing and Trim
- 07710 - Roof Specialties
- 07920 - Joint Sealants

DIVISION 8 - DOORS AND WINDOWS

- 08221 - Fiberglass Reinforced Plastic Doors
- 08550 - Wood Windows
- 08710 - Door Hardware
- 08800 - Glazing

DIVISION 9 - FINISHES

- 09770 - Fiberglass Reinforced Panels
- 09900 - Painting

DIVISION 10 - SPECIALTIES

- 10900 - Specialty Equipment

DIVISION 11 - EQUIPMENT

Not Used

DIVISION 12 - FURNISHINGS

Not Used

DIVISION 13 - SPECIAL CONSTRUCTION

Not Used

DIVISION 14 - CONVEYING SYSTEMS

Not Used

DIVISION 15 – MECHANICAL

Not Used

DIVISION 16 - ELECTRICAL

Not Used

END OF TABLE OF CONTENT

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UNIT PRICES

SECTION 01026

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 specification sections, apply to this section.

1.2 SECTION INCLUDES

- A. Administrative and procedural requirements for unit prices.

1.3 RELATED SECTIONS

- A. Section 01400 - Quality Control: General testing and inspecting requirements.

1.4 DEFINITIONS

- A. Unit price is a price per unit of measurement for materials, equipment, or services, or a portion of the Work, added to or deducted from the Contract Sum by appropriate modification, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased.

1.5 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.
- B. Measurement and Payment: Refer to individual specification sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those sections.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- D. List of Unit Prices: A schedule of unit prices is included in Part 3. Specification sections referenced in the schedule contain requirements for materials described under each unit price.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF UNIT PRICES

A. Unit Price 1: Wood Decking.

1. Description: Provide a price for 1 x 6 tongue and groove wood decking as specified in Section 06150. Include 650 square feet of wood decking as part of the base bid.
2. Unit of Measurement: Per square foot.

B. Unit Price No. 2: Wood Siding.

1. Description: Provide a price for the removal and replacement of additional deteriorated wood siding from that which is indicated on the drawings. (Location to be determined in the field)
2. Unit of Measurement: Per square foot.

END OF SECTION

PART 1 - GENERAL**1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SECTION INCLUDES

- A. Administrative and procedural requirements governing allowances.
 - 1. Certain items are specified in the Contract Documents by allowances. Allowances have been established in lieu of additional requirements and to defer selection of actual materials and equipment to a later date when additional information is available for evaluation. If necessary, additional requirements will be issued by Change Order.
- B. Types of allowances include the following:
 - 1. Lump-sum allowances.
 - 2. Unit-cost allowances.

1.3 RELATED SECTIONS

- A. Section 01270 - Unit Prices: Procedures for using unit prices.
- B. Section 01400 - Quality Requirements: Procedures governing the use of allowances for testing and inspecting.
- C. Divisions 2 through 16 Sections for items of Work covered by allowances.

1.4 SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection and purchase of each product or system described by an allowance must be completed to avoid delaying the Work.
- B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.
- C. Purchase products and systems selected by Architect from the designated supplier.

1.5 SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances, in the form specified for Change Orders.

- B. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.
- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.6 COORDINATION

- A. Coordinate allowance items with other portions of the Work. Furnish templates as required to coordinate installation.

1.7 LUMP-SUM AND UNIT COST ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner under allowance and shall include taxes, freight, and delivery to project site.
- B. Contractor's costs for receiving and handling at project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner under allowance shall be included as part of the Contract Sum and not part of the allowance.

1.8 TESTING AND INSPECTING ALLOWANCES

- A. Testing and inspecting allowances include the cost of engaging testing agencies, actual tests and inspections, and reporting results.
- B. The allowance does not include incidental labor required to assist the testing agency or costs for retesting if previous tests and inspections result in failure. The cost for incidental labor to assist the testing agency shall be included in the Contract Sum.
- C. Costs of services not required by the Contract Documents are not included in the allowance.
- D. At project closeout, credit unused amounts remaining in the testing and inspecting allowance to Owner by Change Order.

1.9 UNUSED MATERIALS

- A. Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
 - 1. If requested by Architect, prepare unused material for storage by Owner when it is not economically practical to return the material for credit. If directed by Architect, deliver unused material to Owner's storage space. Otherwise, disposal of unused material is Contractor's responsibility.

PART 2 - PRODUCTS

Not Used

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

- A. Allowance: Commercial House #0134: Provide a Lump Sum Allowance in the base bid for the removal of 500 square feet of existing deteriorated wood siding and replacement with 3/4-inch thick exterior plywood sheathing. Location shall be determined in the field.

- B. Allowance: Brooder House #0135:
 - 1. Include a Lump Sum Allowance for siding replacement shown on sections A/SK-A114.1A and B/SK-A114.1B.
 - 2. Include a Lump Sum Allowance in the base bid for removal and replacement of 650 square feet of deteriorated 1x6 wood roof deck with new wood deck.

END OF SECTION

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PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SECTION INCLUDES

- A. Administrative and procedural requirements for alternates.

1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

- 1. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

- A. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract.
- D. Schedule: A Schedule of Alternates is included at the end of this section. Specification sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS

Not Used

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

- A. Alternate #1: Window Replacement at Poultry Commercial House #0134: Remove existing windows and provide and install new vinyl clad wood windows in quantities and areas as indicated on drawings and as specified in Section 08550.
- B. Alternate #2: Window Replacement at Poultry Brooder House #0135: Remove existing windows and provide and install new vinyl clad wood windows in quantities and areas as indicated on drawings and as specified in Section 08550.
- C. Alternate #3: Door Replacement at Poultry Commercial House #0134.
 - 1. Note A: At elevation #1, remove existing wood door and install new 3'x7' half – lite fiberglass door including lockset, closer, and weather-stripping.
 - 2. Note B: At elevation #4, remove existing wood doors and install new pair 2'-6 x 7'-0 half-lite fiberglass doors including lockset, closer, and weather-stripping.
 - 3. Note C: At elevation #3, remove existing wood door and install new 3'-0 x 5'-10 flush fiberglass door including lockset, closer, and weather-stripping.
- D. Alternate #4: Door Replacement at Brooder House #0135
 - 1. Note A: At elevation #1 remove existing wood door and install new 3'-0 x 7'-0 half-lite fiberglass door including lockset, closer, and weather-stripping.

END OF SECTION

ASPHALT SHINGLES

SECTION 07311

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 specification sections, apply to this section.

1.2 SECTION INCLUDES

- A. Asphalt shingles.
- B. Underlayment.

1.3 RELATED SECTIONS

- A. Section 06150 - Wood-Decking: Wood tongue and groove deck boards for roof sheathing.
- B. Section 07710 – Roof Specialties: Roof edge drainage systems.
- C. Section 07620 - Sheet Metal Flashing and Trim: Metal roof penetration flashings, counterflashings and flashings.

1.4 DEFINITION

- A. Roofing Terminology: See ASTM D1079 and glossary of NRCA's "The NRCA Roofing and Waterproofing Manual" for definitions of terms related to roofing work in this section.

1.5 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: For each type of product indicated.
- C. Samples for Verification: For the following products, of sizes indicated, to verify color selected:
 - 1. Asphalt Shingle: Full size.
 - 2. Ridge and Hip Cap Shingles: Full size.
 - 3. Ridge Vent: 12-inch long sample.
 - 4. Underlayment: 12 inches square.

- D. Qualification Data: For qualified installer.
- E. Product Test Reports: Based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified testing agency, for asphalt shingles.
- F. Research/Evaluation Reports: For each type of asphalt shingle required, from the ICC.
- G. Maintenance Data: For each type of asphalt shingle to include in maintenance manuals.
- H. Warranties: Sample of special warranties.

1.6 QUALITY ASSURANCE

- A. Source Limitations: Obtain ridge and hip cap shingles from single source from single manufacturer.
- B. Fire-Resistance Characteristics: Where indicated, provide asphalt shingles and related roofing materials identical to those of assemblies tested for fire resistance per test method below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify products with appropriate markings of applicable testing agency.
 - 1. Exterior Fire-Test Exposure: Class A; ASTM E108 or UL 790, for application and roof slopes indicated.
- C. Preinstallation Conference: Conduct conference at project site.

1.7 DELIVERY, STORAGE AND HANDLING

- A. Store roofing materials in a dry, well-ventilated, weathertight location according to asphalt shingle manufacturer's written instructions. Store underlayment rolls on end on pallets or other raised surfaces. Do not double stack rolls.
 - 1. Handle, store, and place roofing materials in a manner to avoid significant or permanent damage to roof deck or structural supporting members.
- B. Protect unused underlayment from weather, sunlight, and moisture when left overnight or when roofing work is not in progress.

1.8 PROJECT CONDITIONS

- A. Environmental Limitations: Do not deliver or install asphalt shingles until spaces are enclosed and weathertight, wet work in spaces is complete and dry, and temporary HVAC system is operating and maintaining ambient temperature and humidity conditions at occupancy levels during the remainder of the construction period.
 - 1. Install self-adhering sheet underlayment within the range of ambient and substrate temperatures recommended by manufacturer.

1.9 WARRANTY

- A. Special Warranty: Standard form in which manufacturer agrees to repair or replace asphalt shingles that fail in materials within specified warranty period.
1. Failures include, but are not limited to, the following:
 - a. Manufacturing defects.
 - b. Structural failures including failure of asphalt shingles to self-seal after a reasonable time.
 2. Material Warranty Period: 40 years from date of Substantial Completion, prorated, with first three (3) years non-prorated.
 3. Wind-Speed Warranty Period: Asphalt shingles will resist blow-off or damage caused by wind speeds up to 80 mph for five (5) years from date of Substantial Completion.
 4. Algae-Discoloration Warranty Period: Asphalt shingles will not discolor 10 years from date of Substantial Completion.

1.10 EXTRA MATERIALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
1. Asphalt Shingles: 100 sq ft of each type, in unbroken bundles.

PART 2 - PRODUCTS

2.1 GLASS-FIBER-REINFORCED ASPHALT SHINGLES

- A. Three-Tab-Strip, SBS-Modified Asphalt Shingles: ASTM D3462, glass-fiber reinforced, mineral-granule surfaced, and self-sealing; complying with UL 2218, Class IV.
1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Atlas Roofing Corporation.
 - b. CertainTeed Corporation.
 - c. Elk Premium Building Products, Inc.; an ElkCorp company.
 - d. GAF Materials Corporation.
 - e. Malarkey Roofing Products.
 - f. Owens Corning.
 - g. TAMKO Roofing Products, Inc.
 2. Strip Size: Manufacturer's standard.
 3. Algae Resistance: Granules treated to resist algae discoloration.
 4. Color and Blends: As selected by Architect from manufacturer's full range.
- B. Hip and Ridge Shingles: Manufacturer's standard units to match asphalt shingles.

2.2 UNDERLAYMENT MATERIALS

- A. Self-Adhering Sheet Underlayment, High Temperature: Minimum of 30- to 40-mil thick, slip-resisting, polyethylene-film-reinforced top surface laminated to layer of butyl or SBS-modified asphalt adhesive, with release paper backing; cold applied.
1. Thermal Stability: Stable after testing at 240 degrees F; ASTM D1970.
 2. Low-Temperature Flexibility: Passes after testing at minus 20 degrees F; ASTM D1970.
 3. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Carlisle Coatings & Waterproofing, Inc.
 - b. Grace, W. R. & Co. - Conn.
 - c. Henry Company.
 4. Location: Eaves, rake edge, and valleys.
- B. Felt: ASTM D226 Type I, No.15 asphalt-saturated organic felts, non-perforated.
1. Location: General roofing area.

2.3 RIDGE VENTS

- A. Rigid Ridge Vent: Manufacturer's standard, rigid section high-density polypropylene or other UV-stabilized plastic ridge vent with non-woven geotextile filter strips; for use under ridge shingles.
1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Air Vent, Inc.; a Gibraltar Industries company.
 - b. Cor-A-Vent, Inc.
 - c. GAF Materials Corporation.
 - d. Lomanco, Inc.
 - e. Mid-America Building Products.
 - f. Obdyke, Benjamin Incorporated.
 - g. Owens Corning.
 - h. RGM Products, Inc.
 - i. Trimline Building Products.

2.4 ACCESSORIES

- A. Asphalt Roofing Cement: ASTM D4586, Type II, asbestos free.
- B. Roofing Nails: ASTM F1667; aluminum, stainless-steel, copper, or hot-dip galvanized-steel wire shingle nails, minimum 0.120-inch diameter, smooth shank, sharp-pointed, with a minimum 3/8-inch diameter flat head and of sufficient length to penetrate 3/4-inch into solid wood decking or extend at least 1/8-inch through OSB or plywood sheathing.
1. Where nails are in contact with metal flashing, use nails made from same metal as flashing.

2.5 METAL FLASHING AND TRIM

- A. General: Comply with requirements in Section 07620.
 - 1. Aluminum: Aprons and drip flashing.
 - 2. Copper: Base, Step and counter flashings and flashing receivers.
- B. Fabricate sheet metal flashing and trim to comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of the item.
 - 1. Drip Edges: Fabricate in lengths not exceeding 10 feet with 3-inch roof-deck flange and 1-1/2-inch fascia flange with 3/8-inch drip at lower edge.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
 - 1. Examine roof sheathing to verify that sheathing joints are supported by framing and blocking or metal clips and that installation is within flatness tolerances.
 - 2. Verify that substrate is sound, dry, smooth, clean, sloped for drainage, and completely anchored; and that provision has been made for flashings and penetrations through asphalt shingles.
- B. Prepare written report, endorsed by installer, listing conditions detrimental to performance of the Work.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 UNDERLAYMENT INSTALLATION

- A. General: Comply with underlayment manufacturer's written installation instructions applicable to products and applications indicated unless more stringent requirements apply.
- B. Self-Adhering Sheet Underlayment: Install, wrinkle free, on roof deck. Comply with low-temperature installation restrictions of underlayment manufacturer if applicable. Install at locations indicated below, lapped in direction to shed water. Lap sides not less than 3-1/2 inches. Lap ends not less than six (6) inches staggered 24 inches between courses. Roll laps with roller. Cover underlayment within seven days.
 - 1. Eaves: Extend from edges of eaves 36 inches beyond interior face of exterior wall.
 - 2. Ridges: Extend 36 inches on each side without obstructing continuous ridge vent slot.
 - 3. Valleys: Extend from lowest to highest point 18 inches on each side.

4. Chimneys and Other Roof-Penetrating Elements: Extend beyond penetrating element 18 inches, and return vertically against penetrating element not less than four (4) inches.
5. Roof Slope Transitions: Extend 18 inches on each roof slope.

3.3 METAL FLASHING INSTALLATION

- A. General: Install metal flashings and other sheet metal to comply with requirements in Division 07 Section "Sheet Metal Flashing and Trim."
 1. Install metal flashings according to recommendations in ARMA's "Residential Asphalt Roofing Manual" and asphalt shingle recommendations in NRCA's "The NRCA Roofing and Waterproofing Manual."
- B. Eave Drip Edges: Install eave drip edge flashings below underlayment and fasten to roof sheathing.

3.4 ASPHALT SHINGLE INSTALLATION

- A. General: Install asphalt shingles according to manufacturer's written instructions, recommendations in ARMA's "Residential Asphalt Roofing Manual," and asphalt shingle recommendations in NRCA's "The NRCA Roofing and Waterproofing Manual."
- B. Install starter strip along lowest roof edge, consisting of an asphalt shingle strip with tabs removed with self-sealing strip face up at roof edge.
 1. Extend asphalt shingles 1/2-inch over fasciae at eaves and rakes.
 2. Install starter strip along rake edge.
- C. Install first and remaining courses of asphalt shingles stair-stepping diagonally across roof deck with manufacturer's recommended offset pattern at succeeding courses, maintaining uniform exposure.
- D. Fasten asphalt shingle strips with a minimum of four (4) roofing nails located according to manufacturer's written instructions.
 1. Where roof slope is less than 4:12, seal asphalt shingles with asphalt roofing cement spots.
 2. When ambient temperature during installation is below 50 degrees F, seal asphalt shingles with asphalt roofing cement spots.
- E. Ridge Vents: Install continuous ridge vents over asphalt shingles according to manufacturer's written instructions. Fasten with roofing nails of sufficient length to penetrate sheathing.
- F. Ridge Cap Shingles: Maintain same exposure of cap shingles as roofing shingle exposure. Lap cap shingles at ridges to shed water away from direction of prevailing winds. Fasten with roofing nails of sufficient length to penetrate sheathing.
 1. Fasten ridge cap asphalt shingles to cover ridge vent without obstructing airflow.

END OF SECTION

University of Connecticut
Farm Buildings Repair & Replacement
Storrs, Connecticut
Package #1

FT Project #E071480.06
UCONN Project #901366
07311-7
Addendum 1

November 14, 2008
Asphalt Shingles
February 20, 2009

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FIBERGLASS REINFORCED PLASTIC DOORS

SECTION 08221

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SECTION INCLUDES

- A. Fiberglass reinforced polyester (FRP) doors.

1.3 RELATED SECTIONS

- A. Section 08710 - Door Hardware: Associated hardware.
- B. Section 08800 – Glazing: Glazed lite.

1.4 REFERENCES

- A. AAMA 1503.1 - Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections.
- B. ASTM D 256 - Determining the Pendulum Impact Resistance of Notched Specimens of Plastics.
- C. ASTM D 570 - Water Absorption of Plastics.
- D. ASTM D 638 - Tensile Strength of Plastics.
- E. ASTM D 790 - Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.
- F. ASTM D 1621 - Compressive Properties of Rigid Cellular Plastics.
- G. ASTM D 1623 - Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics.
- H. ASTM D 2126 - Response of Rigid Cellular Plastics to Thermal and Humid Aging.
- I. ASTM D 2583 - Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor.

1.5 PERFORMANCE REQUIREMENTS

- A. General: Provide door assemblies that have been designed and fabricated to comply with specified performance requirements, as demonstrated by testing manufacturer's corresponding standard systems.
- B. Impact Strength, FRP Doors and Panels, Nominal Value, ASTM D 256: 10 foot-pounds per inch of notch.
- C. Water Absorption, FRP Doors and Panels, Nominal Value, ASTM D 570: 0.20 percent after 24 hours.
- D. Thermal and Humid Aging, Nominal Value, 158 Degrees F and 100 Percent Humidity for 14 Days, ASTM D 2126: Minus 4.89 percent volume change.

1.6 SUBMITTALS

- A. Comply with Section 01330 - Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including description of materials, components, fabrication, finishes, and installation.
- C. Shop Drawings: Submit manufacturer's shop drawings, including elevations, sections, and details, indicating dimensions, tolerances, materials, fabrication, doors, panels, framing, hardware schedule, and finish.
- D. Samples:
 - 1. Door: Submit manufacturer's sample of door showing face sheets, core, framing, and finish.
 - 2. Color: Submit manufacturer's samples of standard colors of doors and frames.
- E. Test Reports: Submit certified test reports from qualified independent testing agency indicating doors comply with specified performance requirements.
- F. Maintenance Manual: Submit manufacturer's maintenance and cleaning instructions for doors, including maintenance and operating instructions for hardware.
- G. Warranty: Submit manufacturer's standard warranty.

1.7 QUALITY ASSURANCE

- A. Manufacturer's Qualifications:
 - 1. Source Limitations: Obtain door and frame components through one source from a single manufacturer.

1.8 DELIVERY, STORAGE AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying opening door mark and manufacturer.

- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions.
- C. Handling: Protect materials and finish from damage during handling and installation.

1.9 WARRANTY

- A. Warrant doors, frames, and factory hardware against failure in materials and workmanship, including excessive deflection, faulty operation, defects in hardware installation, and deterioration of finish or construction in excess of normal weathering.
- B. Warranty Period: Ten years starting on date of shipment.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Product: The design for FRP doors is based on the product named. Subject to compliance with requirements, provide the named product or a comparable product by one of the following:
 - 1. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 FIBERGLASS REINFORCED PLASTIC DOORS

- A. Products:
 - 1. Basis of Design Product: Plastpro Fiberglass Doors: Onelite Series Clear IG DRS12C.
 - 2. Fib-R-Dor. Equivalent
 - 3. Special Lite. Equivalent
- B. Construction
 - 1. Door Thickness: 1-3/4 inches.
 - 2. Stiles and Rails: Aluminum Alloy 6063-T5, minimum of 2-5/16-inch depth.
 - 3. Corners: Mitered.
 - 4. Provide joinery of 3/8-inch diameter full-width tie rods through extruded splines top and bottom as standard tubular shaped stiles and rails reinforced to accept hardware as specified.
 - 5. Securing Internal Door Extrusions: 3/16-inch angle blocks and locking hex nuts for joinery. Welds, glue, or other methods are not acceptable.
 - 6. Furnish extruded stiles and rails with integral reglets to accept face sheets. Lock face sheets into place to permit flush appearance.
 - 7. Rail caps or other face sheet capture methods are not acceptable.
- C. Face Sheet:

1. Material: Molded in one continuous piece resin reinforced with hand laid glass fiber mat, nominal 1/8-inch thick, minimum 15 mil gel coated surface
 2. Texture: Smooth.
 3. Color: As selected by Architect.
- D. Door Edges: Minimum 3 layers resin-reinforced glass fiber mat, nominal 3/8-inch thick machine tooled.
- E. Glazed lite stops: Pultruded fiberglass reinforced plastic construction.
- F. Core:
1. Material: Poured-in-place polyurethane foam.
 2. R-Value: Minimum of 11.
- G. Hardware:
1. Premachine doors in accordance with templates from specified hardware manufacturers and hardware schedule.

2.3 MATERIALS

- A. Fiberglass mat: Glass fiber chopped strand, minimum 1.5 ounces per square foot
- B. Resins: manufacturer's formulation for fabricating units to meet specific requirements.
- C. Fasteners:
1. Material: Aluminum, 18-8 stainless steel, or other noncorrosive metal.
 2. Compatibility: Compatible with items to be fastened.
 3. Exposed Fasteners: Screws with finish matching items to be fastened.

2.4 FABRICATION

- A. Sizes and Profiles: Required sizes for door, and profile requirements shall be as indicated on the Drawings.
- B. Coordination of Fabrication: Field measure before fabrication and show recorded measurements on shop drawings.
- C. Minimum glass fiber to resin ratio: 30 percent.
- D. Embed steel reinforcement for hinges in fiberglass matrix.

2.5 HARDWARE

- A. Premachine doors in accordance with templates from specified hardware manufacturers and hardware schedule.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive doors. Notify Architect of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

3.2 PREPARATION

- A. Ensure openings to receive frames are plumb, level, square, and in tolerance.

3.3 INSTALLATION

- A. Install doors in accordance with manufacturer's instructions.
- B. Install doors plumb, level, square, true to line, and without warp or rack.
- C. Anchor frames securely in place.
- D. Separate aluminum from other metal surfaces with bituminous coatings or other means approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired as determined by Architect.

3.4 ADJUSTING

- A. Adjust doors, hinges, and locksets for smooth operation without binding.

3.5 CLEANING

- A. Clean doors promptly after installation in accordance with manufacturer's instructions.
- B. Do not use harsh cleaning materials or methods that would damage finish.

3.6 PROTECTION

- A. Protect installed doors to ensure that, except for normal weathering, doors will be without damage or deterioration at time of substantial completion.

END OF SECTION

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PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 specification sections, apply to this section.

1.2 SECTION INCLUDES

- A. Mechanical door hardware for the following:
 - 1. Swinging doors.
- B. Cylinders for door hardware specified in other sections.

1.3 RELATED SECTIONS

- A. Section 08221 – Fiberglass Reinforced plastic Doors: Associated door hardware.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01330.
- B. Product Data: For each type of product indicated. Include construction and installation details, material descriptions, dimensions of individual components and profiles, and finishes.
- C. Shop Drawings: Details of electrified door hardware, indicating the following:
- D. Samples for Initial Selection: For plastic protective trim units in each finish, color, and texture required for each type of trim unit indicated.
- E. Other Action Submittals:
 - 1. Door Hardware Schedule: Prepared by or under the supervision of installer, detailing fabrication and assembly of door hardware, as well as installation procedures and diagrams. Coordinate final door hardware schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
 - a. Format: Use same scheduling sequence and format and use same door numbers as in the Contract Documents.
- F. Qualification Data: For Architectural Hardware Consultant.

- G. Product Certificates: For electrified door hardware, from the manufacturer.
 - 1. Certify that door hardware approved for use on types and sizes of labeled fire-rated doors complies with listed fire-rated door assemblies.
- H. Product Test Reports: For compliance with accessibility requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified testing agency, for door hardware on doors located in accessible routes.
- I. Maintenance Data: For each type of door hardware to include in maintenance manuals. Include final hardware schedule.
- J. Warranty: Special warranty specified in this section.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: Supplier of products and an employer of workers trained and approved by product manufacturers and an Architectural Hardware Consultant who is available during the course of the Work to consult with Contractor, Architect, and Owner about door hardware and keying.
 - 1. Warehousing Facilities: In project's vicinity.
 - 2. Scheduling Responsibility: Preparation of door hardware and keying schedules.
 - 3. Engineering Responsibility: Preparation of data for electrified door hardware, including shop drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this project.
- B. Architectural Hardware Consultant Qualifications: A person who is experienced in providing consulting services for door hardware installations that are comparable in material, design, and extent to that indicated for this project and who is currently certified by DHI as follows:
 - 1. For door hardware, an Architectural Hardware Consultant (AHC).
- C. Source Limitations: Obtain each type of door hardware from a single manufacturer.
- D. Fire-Rated Door Assemblies: Where fire-rated door assemblies are indicated, provide door hardware rated for use in assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL 10C, unless otherwise indicated.
- E. Smoke- and Draft-Control Door Assemblies: Where smoke- and draft-control door assemblies are required, provide door hardware that meet requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105.
 - 1. Air Leakage Rate: Maximum air leakage of 0.3 cfm/sq ft at the tested pressure differential of 0.3-inch wg of water.
- F. Means of Egress Doors: Latches do not require more than 15 lbf to release the latch. Locks do not require use of a key, tool, or special knowledge for operation.

- G. Accessibility Requirements: For door hardware on doors in an accessible route, comply with ICC/ANSI A117.1.
 - 1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than five (5) lbf.
 - 2. Comply with the following maximum opening-force requirements:
 - a. Interior, Non-Fire-Rated Hinged Doors: Five (5) lbf applied perpendicular to door.
 - b. Fire Doors: Minimum opening force allowable by authorities having jurisdiction.
 - 3. Bevel raised thresholds with a slope of not more than 1:2. Provide thresholds not more than 1/2-inch high.
 - 4. Adjust door closer sweep periods so that, from an open position of 70 degrees, the door will take at least three (3) seconds to move to a point three (3) inches from the latch, measured to the leading edge of the door.

1.6 DELIVERY, STORAGE AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up for door hardware delivered to project site.
- B. Tag each item or package separately with identification coordinated with the final door hardware schedule, and include installation instructions, templates, and necessary fasteners with each item or package.
- C. Deliver keys to manufacturer of key control system for subsequent delivery to Owner.
- D. Deliver keys and permanent cores to Owner by registered mail or overnight package service.

1.7 COORDINATION

- A. Coordinate layout and installation of floor-recessed door hardware with floor construction. Cast anchoring inserts into concrete. Concrete, reinforcement, and formwork requirements are specified in Division 3.
- B. Installation Templates: Distribute for doors, frames, and other work specified to be factory prepared. Check shop drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.
- C. Existing Openings: Where hardware components are scheduled for application to existing construction or where modifications to existing door hardware are required, field verify existing conditions and coordinate installation of door hardware to suit opening conditions and to provide proper door operation.

1.8 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Structural failures including excessive deflection, cracking, or breakage.
 - b. Faulty operation of doors and door hardware.
 - c. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use.
 - 2. Warranty Period: Three (3) years from date of Substantial Completion, unless otherwise indicated.
 - 3.

PART 2 - PRODUCTS

2.1 HINGES

- A. Hinges: BHMA A156.1.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one (1) of the following.
 - a. Baldwin Hardware Corporation.
 - b. Bommer Industries, Inc.
 - c. Hager Companies.
 - d. IVES Hardware; an Ingersoll-Rand company.
 - e. Lawrence Hardware Inc.
 - f. McKinney Products Company; an ASSA ABLOY Group company.
 - g. Stanley Commercial Hardware; Div. of The Stanley Works.

2.2 LOCKS AND LATCHES

- A. Lock Functions: Security.
- B. Lock Throw: Comply with testing requirements for length of bolts required for labeled fire doors, and as follows:
 - 1. Bored Locks: Minimum 1/2-inch latchbolt throw.
- C. Lock Backset: 2-3/4 inches, unless otherwise indicated.
- D. Lock Trim:
 - 1. Description:
 - 2. Levers: Cast.
 - 3. Operating Device: Lever with escutcheons (roses).
- E. Strikes: Provide manufacturer's standard strike for each lock bolt or latchbolt complying with requirements indicated for applicable lock or latch and with strike box and curved lip extended to protect frame; finished to match lock or latch.

1. Flat-Lip Strikes: For locks with three-piece antifriction latchbolts, as recommended by manufacturer.
 2. Extra-Long-Lip Strikes: For locks used on frames with applied wood casing trim.
 3. Aluminum-Frame Strike Box: Manufacturer's special strike box fabricated for aluminum framing.
- F. Bored Locks: BHMA A156.2; Grade 1; Series 4000.
1. Manufacturers: Subject to compliance with requirements, provide products by one (1) of the following:
 - a. Arrow USA; an ASSA ABLOY Group company.
 - b. Cal-Royal Products, Inc.
 - c. Corbin Russwin Architectural Hardware; an ASSA ABLOY Group Company.
 - d. Falcon Lock; An Ingersoll-Rand Company.
 - e. K2 Commercial Hardware; a Black & Decker Corp. company.
 - f. Marks USA.
 - g. Medeco Security Locks, Inc.; an ASSA ABLOY Group company.
 - h. SARGENT Manufacturing Company; an ASSA ABLOY Group company.
 - i. Schlage Commercial Lock Division; an Ingersoll-Rand company.

2.3 LOCK CYLINDERS

- A. Lock Cylinders: Tumbler type, constructed from brass or bronze, stainless steel, or nickel silver.
1. Manufacturer: Same manufacturer as for locking devices.
 2. Manufacturers: Subject to compliance with requirements, provide products by one (1) of the following:
 - a. Arrow USA; an ASSA ABLOY Group company.
 - b. ASSA, Inc.; An ASSA ABLOY Group Company.
 - c. Corbin Russwin Architectural Hardware; an ASSA ABLOY Group company.
 - d. Falcon Lock; an Ingersoll-Rand company.
 - e. Medeco Security Locks, Inc.; an ASSA ABLOY Group company.
 - f. SARGENT Manufacturing Company; an ASSA ABLOY Group company.
 - g. Schlage Commercial Lock Division; an Ingersoll-Rand company.
 - h. Yale Security Inc.; an ASSA ABLOY Group company.
- B. Standard Lock Cylinders: BHMA A156.5; Grade 1; permanent cores that are removable; face finished to match lockset.

2.4 SURFACE CLOSERS

- A. Surface Closers: BHMA A156.4; rack-and-pinion hydraulic type with adjustable sweep and latch speeds controlled by key-operated valves and forged-steel main arm. Comply with manufacturer's written recommendations for size of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Provide factory-sized closers, adjustable to meet field conditions and requirements for opening force.
1. Manufacturers: Subject to compliance with requirements, provide products by one (1) of the following:

- a. Arrow USA; an ASSA ABLOY Group company.
- b. Corbin Russwin Architectural Hardware; an ASSA ABLOY Group company.
- c. DORMA Architectural Hardware; Member of The DORMA Group North America.
- d. Dor-O-Matic; an Ingersoll-Rand company.
- e. K2 Commercial Hardware; a Black & Decker Corp. company.
- f. LCN Closers; an Ingersoll-Rand company.
- g. Norton Door Controls; an ASSA ABLOY Group company.
- h. Rixson Specialty Door Controls; an ASSA ABLOY Group company.
- i. SARGENT Manufacturing Company; an ASSA ABLOY Group company.
- j. Yale Security Inc.; an ASSA ABLOY Group company.

2.5 DOOR GASKETING

- A. Door Gasketing: BHMA A156.22; air leakage not to exceed 0.50 cfm per foot of crack length for gasketing other than for smoke control, as tested according to ASTM E283; with resilient or flexible seal strips that are easily replaceable and readily available from stocks maintained by manufacturer.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one (1) of the following:
 - a. Hager Companies.
 - b. M-D Building Products, Inc.
 - c. National Guard Products.
 - d. Pemko Manufacturing Co.; an ASSA ABLOY Group company.
 - e. Reese Enterprises, Inc.
 - f. Sealeze; a unit of Jason Incorporated.
 - g. Zero International.

2.6 THRESHOLDS

- A. Thresholds: BHMA A156.21; fabricated to full width of opening indicated.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one (1) of the following.
 - a. Hager Companies.
 - b. M-D Building Products, Inc.
 - c. National Guard Products.
 - d. Pemko Manufacturing Co.; an ASSA ABLOY Group company.
 - e. Reese Enterprises, Inc.
 - f. Rixson Specialty Door Controls; an ASSA ABLOY Group company.
 - g. Sealeze; a unit of Jason Incorporated.
 - h. Zero International.

2.7 FABRICATION

- A. Manufacturer's Nameplate: Do not provide products that have manufacturer's name or trade name displayed in a visible location except in conjunction with required fire-rated labels and as otherwise approved by Architect.

1. Manufacturer's identification is permitted on rim of lock cylinders only.
- B. Base Metals: Produce door hardware units of base metal indicated, fabricated by forming method indicated, using manufacturer's standard metal alloy, composition, temper, and hardness. Furnish metals of a quality equal to or greater than that of specified door hardware units and BHMA A156.18.
- C. Fasteners: Provide door hardware manufactured to comply with published templates prepared for machine, wood, and sheet metal screws. Provide screws that comply with commercially recognized industry standards for application intended, except aluminum fasteners are not permitted. Provide Phillips flat-head screws with finished heads to match surface of door hardware, unless otherwise indicated.
1. Concealed Fasteners: For door hardware units that are exposed when door is closed, except for units already specified with concealed fasteners. Do not use through bolts for installation where bolt head or nut on opposite face is exposed unless it is the only means of securely attaching the door hardware. Where through bolts are used on hollow door and frame construction, provide sleeves for each through bolt.
 2. Fire-Rated Applications:
 - a. Wood or Machine Screws: For the following:
 - 1) Hinges mortised to doors or frames; use threaded-to-the-head wood screws for wood doors and frames.
 - 2) Strike plates to frames.
 - 3) Closers to doors and frames.
 - b. Steel Through Bolts: For the following unless door blocking is provided:
 - 1) Closers to doors and frames.
 3. Spacers or Sex Bolts: For through bolting of hollow-metal doors.
 4. Fasteners for Wood Doors: Comply with requirements in DHI WDHS.2, "Recommended Fasteners for Wood Doors."
 5. Gasketing Fasteners: Provide noncorrosive fasteners for exterior applications and elsewhere as indicated.

2.8 FINISHES

- A. Provide finishes complying with BHMA A156.18 as indicated in door hardware schedule.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine doors and frames, with installer present, for compliance with requirements for installation tolerances, labeled fire-rated door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Steel Doors and Frames: For surface applied door hardware, drill and tap doors and frames according to ANSI/SDI A250.6.
- B. Wood Doors: Comply with DHI WDHS.5 "Recommended Hardware Reinforcement Locations for Mineral Core Wood Flush Doors."

3.3 INSTALLATION

- A. Mounting Heights: Mount door hardware units at heights unless otherwise indicated or required to comply with governing regulations.
 - 1. Standard Steel Doors and Frames: ANSI/SDI A250.8.
 - 2. Custom Steel Doors and Frames: HMMA 831.
 - 3. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
- B. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 sections. Do not install surface-mounted items until finishes have been completed on substrates involved.
 - 1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
 - 2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- C. Hinges: Install types and in quantities indicated in door hardware schedule but not fewer than the number recommended by manufacturer for application indicated or one (1) hinge for every 30 inches of door height, whichever is more stringent, unless other equivalent means of support for door, such as spring hinges or pivots, are provided.

- D. Lock Cylinders: Install construction cores to secure building and areas during construction period.
 - 1. Furnish permanent cores to Owner for installation.
- E. Thresholds: Set thresholds for exterior doors and other doors indicated in full bed of sealant complying with requirements specified in Section 07920.
- F. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame.

3.4 FIELD QUALITY CONTROL

- A. Independent Architectural Hardware Consultant: Owner will engage a qualified independent Architectural Hardware Consultant to perform inspections and to prepare inspection reports.
 - 1. Independent Architectural Hardware Consultant will inspect door hardware and state in each report whether installed work complies with or deviates from requirements, including whether door hardware is properly installed and adjusted.

3.5 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
 - 1. Door Closers: Adjust sweep period to comply with accessibility requirements and requirements of authorities having jurisdiction.

3.6 CLEANING AND PROTECTION

- A. Clean adjacent surfaces soiled by door hardware installation.
- B. Clean operating items as necessary to restore proper function and finish.
- C. Provide final protection and maintain conditions that ensure that door hardware is without damage or deterioration at time of Substantial Completion.

END OF SECTION

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EXHIBIT D

Form of Proposal

Farm Buildings Repair & Replacement
Project #901366
Form of Proposal

DATE: _____

NAME & ADDRESS OF BIDDER: _____

CONTACT REPRESENTATIVE: _____

TELEPHONE: _____

FAX NUMBER: _____

E-MAIL ADDRESS: _____

University of Connecticut
Walt Dalia
Purchasing Agent I
Capital Project & Contract Administration
31 LeDoyt Road Unit -3047
Storrs, Connecticut 06269-3047

Dear Mr. Dalia:

1. In accordance with Connecticut General Statutes Sections 10a-109a through 10a-109y and pursuant to, and in compliance with your Invitation to Bid, the Notice and Instructions to Bidders, the Form of Contract, including the conditions thereto, the form of required bond, I (we) propose to furnish the labor and/or materials installed as required for the project named and numbered on the FORM OF PROPOSAL of this proposal to the extent of the Proposal submitted herein, furnishing all necessary equipment, machinery, tools, labor and other means of construction, and all materials specified in the manner and at the time prescribed strictly in accordance with the provisions of the Contract including specifications and/or drawings together with all addenda issued and received prior to the scheduled closing time for the receipt of the bids, and in conformity with requirements of the University of Connecticut and any laws or departmental regulations of the State of Connecticut or of the United States which may affect the same, for and in consideration of the price(s) stated on the said FORM OF PROPOSAL, hereof.

2. The Lump Sum Base Bid by me (us) on the FORM OF PROPOSAL includes all work indicated on the drawings and/or described in the specifications (including the furnishing and installing of all required materials, labor, and equipment), except:
 - A. Work covered by Alternates as may be listed on the FORM OF PROPOSAL.

Contractor's Initials: _____

Farm Buildings Repair & Replacement
Project #901366
Form of Proposal

- B. Contingent work covered by Unit Prices as may be listed on the FORM OF PROPOSAL.
 - C. Work covered by Options as may be listed on the FORM OF PROPOSAL.
3. This proposal is submitted subject to and in compliance with the foregoing and following conditions and/or information.
- A. AWARD: All proposals shall be subject to the provisions and requirements of the Bid Documents and for purpose of award, consideration shall be given only to proposals submitted by qualified and responsible bidders.
 - B. COMMENCEMENT AND COMPLETION OF WORK: Contractor shall commence and complete the work in accordance with the requirements of the Contract Documents.
 - C. If the Contractor fails to complete the work within the time required by the Contract Documents, the University shall have the right to assess liquidated damages as provided in Paragraph 9.11 of the General Conditions.
 - D. CONTRACTORS INSURANCE REQUIRED:
 - 1. The limits of liability and coverages shall be those set forth in Article 11 of the General Conditions.
 - E. REQUIRED PERCENTAGES OF WORK AND SET-ASIDES
 - 1. The General Contractor on this Project shall be required to perform not less than 10% of the completed dollar value of the Work with its own forces.
 - 2. The General Contractor on this project shall be required to award not less than 25% of the total Contract Price to subcontractors who are certified and eligible to participate under the State of Connecticut Small Business Set Aside Program, of which 6.25% (of the total Contract) must be awarded to Women Owned or Minority Businesses. This requirement must be met even if the General Contractor is certified and eligible to participate in the Small Business Set Aside Program. To facilitate compliance with this requirement for set aside subcontractors, the three (3) apparent low bidders will have seven (7) calendar days from the date of the bid opening which to submit a list of certified set aside contractors to be used on this project along with the dollar amounts to be paid to each, on the form provided, and a copy of their current certification must be attached. This information will be considered as part of your bid proposal and failure to comply with any portion of this requirement within seven (7) days, including but not limited to failure to list or meet the necessary dollar amount of percentage of the bid price will be cause to reject your bid.

Contractor's Initials: _____

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F. STATEMENT OF BIDDERS' QUALIFICATIONS AND INTENTION OF OBJECTIVE CRITERIA:

1. The Bidder shall complete and submit with this FORM OF PROPOSAL the Contractor's Qualification Statement in support of its Qualifications to perform the Work of this project, and to demonstrate its compliance with the University's Objective Criteria regarding Qualifications.
2. If the bidder has submitted a financial statement of a "parent" or affiliated entity in response to Article No. 5 of the Contractor's Qualification Statement (AIA Form A-305), then: the bidder must attach, and return, along with its Bid Documents, the "Guarantee" Exhibit A General Conditions), executed by a duly authorized officer or representative of the affiliated entity, that the affiliated entity will "guarantee" to the satisfaction of the University, the financial capability and stability of the bidder, and that the assets of the affiliated entity will be available to respond to any default or failure to comply with the Contract Documents by the Bidder.

G. NONDISCRIMINATION & LABOR RECRUITMENT:

I (We) agree that the Contract awarded for this project shall be subject to the Executive Orders No. Three and Seventeen, promulgated June 16, 1971 and February 15, 1973 respectively and to the Guidelines and Rules of the State Labor Department implementing Executive Order No. Three and further agree to submit reports of Compliance Staffing on Labor Department Form E.O.3-1, when and as requested.

H. FEDERAL & STATE WAGE DETERMINATIONS AND PRICING CONSIDERATION:

- .1 Each contractor who is awarded a contract on or after October 1, 2002 shall be subject to provisions of the Connecticut General Statutes, Section 31-53 as amended by Public Act 02-69, "An Act Concerning Annual Adjustments to Prevailing Wages".
- .2 In determining bid price, consideration should be given to Section 31-53 of the General Statutes of Connecticut as amended by Public Act 02-69, "An Act Concerning Annual Adjustments to Prevailing Wages". Such prevailing wage adjustment will not be considered a basis for an annual contract adjustment.
- .3 The State of Connecticut Labor Department Wage Schedule where required, shall be provided with these documents, typically with the Bidders' Convenience Package, or will be incorporated in the Contract Documents as an Addendum. At the time of bidding, the bidder agrees to accept the current prevailing wage scale, as well as any annual adjustment to the prevailing wage scale, as provided by the Connecticut Department of Labor. Wage Rates will be posted each July 1st on the Department of Labor website: www.ctdol.state.ct.us . Such prevailing

Contractor's Initials: _____

Farm Buildings Repair & Replacement
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wage adjustment will not be considered a basis for an annual contract amendment.

I. CERTIFICATION OF BIDDER REGARDING EQUAL EMPLOYMENT OPPORTUNITY & NON-SEGREGATED FACILITIES:

The General Contractor and subcontractors are obligated to fill out the forms provided by the University of Connecticut Office of Capital Project and Contract Administration and to agree to certify to the compliance of non-segregated facilities.

4. ACCOMPANYING THIS PROPOSAL IS:

- A. A CERTIFIED CHECK drawn to the order of the University of Connecticut in the amount of 10% of the Bid, i.e.:

_____ DOLLARS \$_____

and drawn on the

(STATE BANK & TRUST COMPANY)

_____ located at _____
(A NATIONAL BANKING ASSOCIATION) (CITY & STATE)

which is understood shall be cashed and the proceeds thereof used so far as may be necessary to reimburse the State of Connecticut for losses and damages arising by virtue of my (our) failure to file the required Bonds and execute the required contract in this proposal as accepted by the University of Connecticut.

OR

- B. A BID BOND having as surety thereto a Surety Company for Companies authorized to transact business in the State of Connecticut and made out in the penal sum of 10% of the bid, i.e.:

_____ DOLLARS \$_____

If the bidder is a joint venture, the Bid Bond shall specifically identify and include each joint venturer as a principal.

- C. If the bidder is a joint venture, a copy of the executed Joint Venture Agreement shall be submitted along with the bid materials.

Contractor's Initials:_____

Farm Buildings Repair & Replacement
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5. I (We), the undersigned, hereby declare that I am (we are) the only person(s) interested in the proposal and that it is without any connection with any other person making any bid for the same work. No person acting for, or employed by, the State of Connecticut is directly interested in this proposal, or in any contract which may be made under it, or in expected profits to arise therefrom. This proposal is made without directly or indirectly influencing or attempting to influence any other person or corporation to bid or refrain from bidding or to influence the amount of the bid of any other person or corporation. This proposal is made in good faith without collusion or connection with any other person bidding for the same work and this proposal is made with distinct reference and relation to the plans and specifications prepared for this Contract. I (We) further declare that in regard to the conditions affecting the work to be done and the labor and materials needed, this proposal is based solely on my (our) investigation and research and not in reliance upon any representations of any employee, officer or agent of the State.

6. Each class of work set forth in a separate Section of the Specifications and designated as a subtrade in Item 2A of the proposal pages shall be the matter of a subcontract made in accordance with the procedures set forth in the Bid and Contract Documents.

7. The undersigned agrees that, if selected as General Contractor, he shall, within five (5) days, Saturdays, Sundays and legal holidays excluded, after presentation thereof by the University of Connecticut, execute a contract in accordance with the terms of this general bid.

8. The undersigned agrees and warrants that he has made good faith efforts to employ minority business enterprises as subcontractors and suppliers of materials under such contract and shall provide the Commission on Human Rights and Opportunities with such information as is requested by the Commission concerning his employment practices and procedures as they relate to the provisions of the Connecticut General Statutes governing contract requirements.

FORM OF PROPOSAL CONTINUED ON NEXT PAGE

Contractor's Initials: _____

Farm Buildings Repair & Replacement
Project #901366
Form of Proposal

A. The undersigned proposes to furnish all labor and material required for:

**Farm Buildings Repair & Replacement
PROJECT NUMBER: 901366**

**UNIVERSITY OF CONNECTICUT
Storrs, CT**

in accordance with the accompanying Drawings and Specifications prepared by

Fletcher Thompson, Inc.

The Contract Price specified below subject to additions and deductions according to the terms of the Contract Documents.

B. BID CLARIFICATIONS:

The undersigned acknowledges receipt of the following Bid Clarifications issued during the bidding period and has included all changes therein in the above base bid amount.

Clarifications # _____, Dated _____
Clarifications # _____, Dated _____
Clarifications # _____, Dated _____
Clarifications # _____, Dated _____
Clarifications # _____, Dated _____

C. ALLOWANCES: (Used)

- 1.) Include a Lump Sum allowance for siding replacement shown on sections A/SK-A114.1A and B/SK-A114.1B

_____ Lump Sum (Poultry Brooder House #0135)

- 2.) Include a Lump Sum allowance for removal and replacement of 650 square feet of deteriorated 1 x 6 wood roof deck with new wood deck.

_____ Lump Sum (Poultry Brooder House #0135)

- 3.) Include cost for removal and replacement of 500 SF of existing deteriorated wood siding, and replacement with 3/4" thick exterior plywood sheathing. Location shall be determined in the Field.

_____ Lump Sum (Poultry Commercial House #0134)

Contractor's Initials: _____

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D. PROPOSED BASE CONTRACT PRICE:

Having carefully examined the Bid Documents for the above reference project, and having visited the project site and examined all conditions affecting the work, the undersigned, upon written notice of award of contract, agrees to provide all labor, supervision, materials, tools, construction equipment, services, safety, insurance, bonds, and to pay all applicable taxes, and other costs necessary or required to complete the Work of this Bid in full accordance with all Bid Documents and within the required timeframe as indicated by the proposed schedule for the Lump Sum Bid of:

_____ **US Dollars**

(\$ _____)

(Show the amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Prices herein shall remain valid for the life of the project and include all costs for a complete installation. Prices are good for both adds and deducts.

E. SCHEDULE OF ALTERNATES: (Used)

The Prices herein shall remain valid for the life of the project and include all costs for a complete installation. Prices are good for both adds and deducts.

F. SCHEDULE OF UNIT PRICES: (Used)

The Prices herein shall remain valid for the life of the project and include all costs for a complete installation. Prices are good for both adds and deducts.

Contractor's Initials: _____

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G. The subdivision of the proposed Contract Price is as follows:

ITEM 1 The work of the general contractor, being all work other than that to be done by subcontractors included in Item 2A and Item 2B.

Note: In accordance with paragraph 3.E.1 this amount, together with work by the general contractor as listed in Item 2A below, must be at least 10% of the total bid price.

\$ _____ **(ITEM 1)**

ITEM 2 Subcontractors and prices for the following trades must be listed (if such prices exceed \$25,000). However, the general bidder may list himself together with his price if he customarily performs any of the trades specified. If the general contractor requires a performance and/or labor & material payment bond then the general contractor must indicate below which of the subcontractors are subject to this requirement. The amount (%) shall not exceed the subcontractor's price listed below.

A copy of the executed agreement between the successful bidder and the named subcontractors below must be presented to the Office of CPCA at time of contract signing. The contract may not be executed until copies of executed agreements are received by CPCA.

DESCRIPTION	NAME OF SUBCONTRACTOR	DOLLAR AMOUNT	LABOR & MATERIAL BOND	PERFORMANCE BOND
MASONRY				
ELECTRICAL				
MECHANICAL WITHOUT HVAC				
HVAC				

ITEM 2B WORK BY SUBCONTRACTORS NOT NAMED:

\$ _____
(INCLUDES ALL SUBCONTRACT WORK NOT LISTED IN ITEM 2)

Contractor's Initials: _____

Farm Buildings Repair & Replacement
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The undersigned agrees that each of the subcontractors listed on this FORM OF PROPOSAL will be used for the work indicated at the amount stated, unless a substitution is permitted by the University of Connecticut.

NOTE: All proposals must be signed by a duly authorized representative of the firm.
NO FACSIMILE SIGNATURE PERMITTED

If this proposal is being submitted by a Joint Venture, each Joint Venture shall sign the Proposal, and each Joint Venture agrees to be bound by the terms and conditions thereof.

(TO BE FILLED IN AND SIGNED BY THE BIDDER)

Signed the _____ day of _____ 20____.

Project Number: _____

Firm Name: _____

Street: _____

City/State/Zip Code: _____

Telephone Number: _____

Fax Number: _____

Duly Authorized/Title: _____

(TO BE FILLED IN AND SIGNED BY JOINT VENTURE IF APPLICABLE)

Firm Name: _____

Street: _____

City/State/Zip Code: _____

Telephone Number: _____

Fax Number: _____

Duly Authorized/Title: _____

Duly Authorized/Title: _____

Contractor's Initials: _____

EXHIBIT E

Requested Alternates

Requested Alternates

Provide Alternate Prices which reflect the work of the bid package under which this bid proposal was submitted which shall remain *valid for the life of the project* and include all costs for a complete installation. All pricing is inclusive of all costs of wages, applicable taxes, benefits, applicable insurance, overhead and profit. The Prices herein shall remain valid for the life of the project and include all costs for a complete installation. Alternate prices are good for both adds and deducts.

REQUESTED ARCHITECT / ENGINEER ALTERNATES

Alternate No. 1 - Window Replacement at Poultry Commercial House #0134 -Lump Sum Cost:

This additive alternate consists of providing a Lump Sum cost to remove existing windows and provide and install new vinyl clad wood windows in quantities and areas as indicated on drawings and as specified in Section 08550.

ADD: \$ _____

Alternate No. 2 - Window Replacement at Poultry Brooder House #0135 -Lump Sum Cost:

This additive alternate consists of providing a Lump Sum cost to remove existing windows and provide and install new vinyl clad wood windows in quantities and areas as indicated on drawings and as specified in Section 08550.

ADD: \$ _____

Alternate No. 3 - Door Replacements at Poultry Commercial House #0134 -Lump Sum Cost:

This additive alternate consists of providing a Lump Sum cost to remove the existing wood doors at:

- A.) Elevation #1 and install a new 3' – 0" x 7' – 0" half glass fiberglass door.
- B.) Elevation #4 and install a new pair 2' – 6" x 7' – 0" half glass fiberglass doors.
- C.) Elevation #3 and install a new 3' – 0" x 5' - 10" flush fiberglass door.

You are to include in the cost a new lockset, closer and weather-stripping for all doors.

ADD: \$ _____

Alternate No. 4 - Door Replacement at Poultry Brooder House #0135 -Lump Sum Cost:

This additive alternate consists of providing a Lump Sum cost to remove the existing wood door at Elevation #4 and install a new 3' – 0" x 7' – 0" half glass fiberglass door including a new lockset, closer, and weather-stripping.

ADD: \$ _____

END OF ALTERNATES

Contractor's Initials: _____

EXHIBIT F

Unit Prices

Unit Prices

All rates are inclusive of all costs of wages, applicable taxes, benefits, applicable insurance, overhead and profit. The rates provided will be negotiated and included as part of a subcontract. The Unit Prices herein shall remain valid for the life of the project and include all costs for a complete installation. Unit prices are good for both adds and deducts.

	<u>Description</u>	<u>Unit of Measurement</u>	<u>Add/Deduct Rate</u>
A	<u>Unit Price 1: Wood Decking – Provide a price for 1 x 6 tongue and groove wood decking as specified in Section 06150. Include 650 square feet of wood decking as part of the base bid.</u>	Per Square Foot	\$ _____
B	<u>Unit Price 2: Wood Siding – Provide a price for the removal and replacement of additional deteriorated wood siding from that which is indicated on the drawings. (Location to be determined in the field)</u>	Per Square Foot	\$ _____

EXHIBIT H

**AIA Document A305-Contractor's
Qualification Statement**



AIA[®] Document A305[™] – 1986

Contractor's Qualification Statement

The Undersigned certifies under oath that the information provided herein is true and sufficiently complete so as not to be misleading.

The following document is the A305 as modified by the University of Connecticut.
Modified Date: September 3, 2008

SUBMITTED TO:

ADDRESS:

SUBMITTED BY:

NAME:

ADDRESS:

PRINCIPAL OFFICE:

Corporation

Partnership

Individual

Joint Venture

Other

NAME OF PROJECT (if applicable):

TYPE OF WORK (file separate form for each Classification of Work):

General Construction

HVAC

Electrical

Plumbing

Other (please specify)

§ 1. ORGANIZATION

§ 1.1 How many years has your organization been in business as a Contractor?

§ 1.2 How many years has your organization been in business under its present business name?

§ 1.2.1 Under what other or former names has your organization operated?

§ 1.3 If your organization is a corporation, answer the following:

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User Notes:

(3458918197)

- § 1.3.1 Date of incorporation:
- § 1.3.2 State of incorporation:
- § 1.3.3 President's name:
- § 1.3.4 Vice-president's name(s)

- § 1.3.5 Secretary's name:
- § 1.3.6 Treasurer's name:

§ 1.4 If your organization is a partnership, answer the following:

- § 1.4.1 Date of organization:
- § 1.4.2 Type of partnership (if applicable):
- § 1.4.3 Name(s) of general partner(s)

§ 1.5 If your organization is individually owned, answer the following:

- § 1.5.1 Date of organization:
- § 1.5.2 Name of owner:

§ 1.6 If the form of your organization is other than those listed above, describe it and name the principals:

1.7 Please indicate if you are registered as one of the following:

MBE WBE DBE SET ASIDE

1.8 If you are a MBE, WBE, DBE or Set Aside please indicate which governmental body registered you.

1.9 Should your Bid/Proposal for this Project meet or exceed \$500,000 then you must be Pre-Qualified by the Connecticut Department of Administrative Services (DAS) for the work required under the Bid/Proposal Contract Documents for this Project.

Does your Bid/Proposal meet or exceed \$500,000? ___ yes ___ no

If NO proceed to Article 2

If YES then:

Has your firm been Pre-qualified by the Connecticut Department of Administrative Services (DAS) Contractor Pre-qualification Program for the work required under the Bid/Proposal Contract Documents for this Project?

___ yes ___ no

If yes, attached a copy of the approved Classification relative to the work required under the Bid/Proposal Contract Documents for this Project.

If no, you are hereby advised the University of Connecticut cannot accept any Bid/Proposal submitted by your firm for work required under the Bid/Proposal Contract Documents for this Project.

§ 2. LICENSING

§ 2.1 List jurisdictions and trade categories in which your organization is legally qualified to do business, and indicate registration or license numbers, if applicable.

It is mandatory that the firm be legally qualified to do business in Connecticut. If the applicant is a joint venture, all joint venture partners must be qualified to do business in the State of Connecticut.

§ 2.2 List jurisdictions in which your organization's partnership or trade name is filed.

§ 3. EXPERIENCE

§ 3.1 List the categories of work that your organization normally performs with its own forces.

3.1.1 List all labor organizations with which you have agreements; a negative response will not be reason for disqualification.

3.1.2 What percentage of work do you commonly perform with your own forces as opposed to work contracted separately (average) of the past 5 years?

_____ % of work performed with own forces
_____ % of work subcontracted

3.1.3 What percentage of the work for which you have served under contract for the past 5 years has been competitively bid on an open bid market as opposed to selected bidding or negotiation on the basis of invitation only?

_____ % open bid work
_____ % selected bid list or negotiated work

§ 3.2 Claims and Suits. (If the answer to any of the questions below is yes, please attach details.)

§ 3.2.1 Has your organization ever failed to complete any work awarded to it?

3.2.1.1 Within the past 5 years has your firm or any part of your firm; any owner, or partial owner of your firm; or any other person in any way associated with or employed by your firm ever been barred, suspended, disqualified or otherwise precluded from bidding or offering a proposal on contracts by any municipality or any agency of the State of Connecticut, other states, or the Federal Government? If so, include an explanation of any previous debarment and copies of any notice of reinstatement.

3.2.1.2 State whether within the past 5 years you have been defaulted, terminated, or have had any liquidated damages or other contractual penalties for failure to timely or properly perform a contract assessed against you and indicate the current status of any litigation involving those transactions.

3.2.1.2.1 State whether within the past 5 years you have been declared to be a non-responsible bidder or proposer on any public work project and identify the project and date of the findings.

3.2.1.3 Please indicate either yes or no to the following questions. You may attach a separate sheet to explain any yes answers. For any yes answer in response to the following questions please identify the offense, along with the location of the court or tribunal administering the matter, and the docket or proceeding number of the matter.

Has your firm, or any part of your firm, any owner, or partial owner of your firm, or any person in any way associated with or employed by your firm ever:

3.2.1.3.1 had a conviction or entry of a plea of guilty or nolo contendere for commission of a criminal offense as an incident to obtaining or attempting to obtain a public or private contract or subcontract or in the performance of such contract or subcontract?

_____yes _____no

3.2.1.3.2 had a conviction or entry of a plea of guilty or nolo contendere under state or federal law for embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property, or any other offense indicating a lack of business integrity or business honesty which affects responsibility as a contractor?

_____yes _____no

3.2.1.3.3 had a conviction or entry of a plea of guilty or nolo contendere under state or federal antitrust, collusion or conspiracy statutes arising out of the submission of bids or proposals?

_____yes _____no

3.2.1.3.4 been cited for noncompliance with contract provisions on a public project, of a character regarded by the awarding authority to be of such gravity as to indicate a lack of responsibility to perform as a state contractor, including deliberate failure, without good cause, to perform in accordance with specifications or time limits provided in a contract?

_____yes _____no

3.2.1.3.5 within the previous 5 years compiled a record of failure to perform or of unsatisfactory performance in accordance with the terms of one or more contracts, unless such failure to perform or unsatisfactory performance was caused by acts beyond your control?

_____yes _____no

3.2.1.3.6 on a public project or contract, been cited for any other cause the awarding authority determined to be so serious or compelling as to affect responsibility as a state contractor, including disqualification by another governmental entity, having caused financial loss to the state or having caused a serious delay or inability of state officials to carry out their duties on a past contract or contracts?

_____yes _____no

§ 3.2.2 Are there any civil or criminal judgments, claims, arbitration proceedings or suits pending or outstanding against your organization or its officers?

3.2.2.1 Where applicable, list all litigation or arbitration proceedings including out of court settlements initiated by or against you within the past five (5) years including all pending cases. List the name of the project, the project location and the court or arbitration number and location. Briefly describe, use a separate sheet if necessary, the circumstances and disposition of each case. **Specifically identify and provide details of each instance of claims or legal proceedings by or against a public or private Owner. Please note that generalized responses such as "litigation arising in the ordinary course of doing business" are not acceptable.**

3.2.2.2 List any OSHA citations within the past five (5) years under present business name or any past business name. Have you been cited for three or more willful or serious violations of OSHA, or of any standard, order or regulations promulgated pursuant to such Act which violations were cited in accordance with the provisions of any State Occupational Safety and Health Act or the Occupational Safety and Health Act of 1970 and which were not abated within the time fixed by the citation; and which citation has not been set aside following appeal to the appropriate agency or court having jurisdiction? Additionally list any criminal convictions related to the injury or death of any employee.

3.2.2.3 Have you appeared on any list published by the Connecticut State Labor Department of persons or firms that have been found by the National Labor Relations Board and by a final decision rendered by a Federal Court to have been in violation of the National Labor Relations Act, 29USC 151 et. seq. or to have been found in contempt of court by a final decision of a Federal Court for failure to correct a violation of the National Labor Relations Act on three or more occasions involving different violations?

3.2.2.3.1 If the answer to the preceding question is "yes" state the date of publication of such list by the Connecticut State Labor Department.

3.2.2.4 Identify any instances within the previous five years in which you or any entity in which you have an interest, has appeared on a list published by the State of Connecticut Labor Department of persons or firms who the Labor Department has found you to have disregarded or violated your obligations to employees and subcontractors on public works projects under Connecticut General Statutes 31-53 and 31-76c (i.e. payment of prevailing wages and overtime payments) or in which you have been barred from Federal government contracts in accordance with the provisions of the Davis Beacon Act, 40 U.S. C. 276a-2. Describe in detail the circumstances of each violation, including but not limited to, the date and nature of the violation, the project on which the violation occurred, the source, if known, of any complaint giving rise to any Department of Labor investigation, the results of any such investigation, the penalty imposed or other action taken by the Department of Labor, any remedial action which was taken and any other resolution of any such complaint or violation.

3.2.2.4.1 Identify any instances other than those described in response to Question 3.2.2.4 in which any complaint has been made to, or any investigation or inquiry has been conducted by, the State of Connecticut Department of Labor regarding any alleged non-compliance by your or by any subcontractors on your previous projects, of any provision of Part III of Chapter 557 (Connecticut General Statutes Sections 31-52 through 31-57e, prevailing wage and other requirements) and Chapter 558 (Connecticut General Statutes Sections 31-58 through 31-761, minimum wage, overtime and other requirements) during the five calendar years immediately preceding this Application. Describe in detail the circumstances of each violation, including but not limited to, the date and nature of the violation, the project on which the violation occurred, the source, if known, of any complaint giving rise to any Department of Labor investigation, the results of any such investigation, the penalty imposed or other action taken by

the Department of Labor, any remedial action which was taken and any other resolution of any such complain or violation.

3.2.2.4.2 If in the event that there were such instances as described in your response, you are further required to provide with your Application a written statement of the policy and procedures you would implement on this project in an effort to insure that your and your subcontractors would remain in compliance with the statutory requirements for wage rates and payment of wages as noted above.

3.2.2.5 State whether you have ever been cited or penalized by any government agency for failure to comply with any affirmative action, non-discrimination, or other human rights requirements applicable to any work performed by you. If so, provide the date(s), details, disposition and docket number(s) for each such instance.

3.2.2.6 Are there any criminal charges, indictments or civil enforcement actions currently pending against you or your principals involving any of the offenses or violations referred to in 3.2.1.3 above? If so identify the offense(s), court docket number and status of proceeding(s).

3.2.2.7 Have you ever been found by the Connecticut Department of Public Works, or another State Agency to be in violation of the subcontractor listing requirements or other provisions of Connecticut General Statutes Section 4b-95? If so indicate the nature, date and circumstances of any such violation.

3.2.2.8 Have you ever been cited for or been the subject of a civil or criminal court proceeding alleging that you have violated the provisions of Connecticut General Statutes Sections 31-52 or 31-52a regarding providing preference to Connecticut citizens or residents in the construction of public buildings or works?

3.2.2.8.1 If so provide details concerning the date, circumstances and disposition of any such citation or court proceeding.

3.2.2.9 Please provide the address of your Connecticut office and indicate whether it constitutes your home office, branch office, one of your principal places of business or otherwise, and state the number of years you have maintained an office in Connecticut.

3.2.2.10 Please state the percentages of your current work and the dollar value which is being performed in Connecticut.

2008	_____ %	\$ _____
2007	_____ %	\$ _____
2006	_____ %	\$ _____
2005	_____ %	\$ _____

3.2.2.11 Please indicate the State in which you are incorporated and if it is not Connecticut indicate whether you are currently authorized to do business in Connecticut, as well as the date of such authorization was obtained.

§ 3.2.3 Has your organization filed any law suits or requested arbitration with regard to construction contracts within the last five years?

3.2.3.1 List all bid or proposal protests you have engaged in over the past five years and the results of each instance by date, owner, architect, engineer, consultant, project and court or administrative docket number and location as applicable.

§ 3.3 Within the last five years, has any officer or principal of your organization ever been an officer or principal of another organization when it failed to complete a construction contract? (If the answer is yes, please attach details.)

§ 3.4 On a separate sheet, list major construction projects your organization has in progress, giving the name of project, owner, architect, contract amount, percent complete and scheduled completion date. Record this information on copies of Attachment B, included at the end of this document.

§ 3.4.1 State total worth of work in progress and under contract:

3.4.2 In addition to your current projects, also list projects for which you are the apparent low bidder and your bid amount as well as any other project for which you expect to be names as the Contractor in the near future. Record this information on copies of Attachment B included at the end of this document.

3.4.3 Indicate the capacity in which you are or expect to be performing work; i.e. general contractor, construction manager at risk, construction manager for fee, sub/trade contractor, joint venture partner, design/build, part of a design/build team, etc. Also, if you are not or do not expect to perform the entire project, specify the dollar value of work you did or will perform. Lines 6 & 7 of Attachments A, B & C.

§ 3.5 On a separate sheet, list the major projects your organization has completed in the past five years, giving the name of project, owner, architect, contract amount, date of completion and percentage of the cost of the work performed with your own forces. Record this information on copies of Attachment C included at the end of this document.

§ 3.5.1 State average annual amount of construction work performed during the past five years:

3.5.2 Indicate the capacity in which you performed work; i.e. general contractor, construction manager at risk, construction manager for fee, sub/trade contractor, joint venture partner, design/build, part of a design/build team, etc. Also, if you are not or do not expect to perform the entire project, specify the dollar value of work you did or will perform. Lines 6 & 7 of Attachments A, B & C.

3.5.3 Additionally provide a list and description of projects for which you served under contract as the prime contractor. Choose projects which you feel are most representative of the project(s) for which this Application is made. Record this information on copies of Attachment A, included at the end of this document. All information requested in Attachment A must be provided for each project.

§ 3.6 On a separate sheet, list the construction experience and present commitments of the key individuals of your organization. Additionally list the personnel, together with their qualifications and resumes, of whom would most likely be assigned to the project team for this project, including but not limited to the Project Executive, Site Manager, Project Manager(s), Safety Engineer, support staff, either located at the University or your home office or both for administrative, accounting, estimating etc. State the specific anticipated involvement of each individual in the project.

3.7 Describe the Quality Assurance/Quality Control/Code Compliance ("QA/QC/CC") Program and Procedures which your firm typically uses on the type of project or projects for which this application for prequalification is submitted, in order to assure that the construction complies throughout with the requirements of the Contract Documents and complies with all applicable Building and Fire/Safety Code requirements. Your response should include, but not be limited to, a description of any and all inspection and testing procedures and activities, the various steps and procedures and methods used in the QA/QC/CC process, the nature and qualifications of the internal team and/or organizations and process are being followed from the planning, through construction, and through any applicable warranty or post construction period, the methods used to report on inspections and observations such as, Quality Control reports, the methods to report to the Owner and to address and correct instances of contract and code non-compliance and construction and/or design defects and deficiencies, and whether your firm's QA/QC/CC program and procedures are in writing.

Please further state whether on the project or projects for which this application for prequalification is being submitted you intend to used the QA/QC/CC program and procedures described in response to the foregoing. If no, describe any differences.

Every applicant is expected to have in place a QA/QC/CC program and procedures and to describe them in detail in response to this question. You may use a separate sheet identifying the response as being to Question 3.7 if necessary.

If your firm's programs and procedures are in writing, such as in the form of a manual, you should additionally attach a copy of same in response to Item 5.9 of this Application, whereby miscellaneous materials are permitted to be attached.

Have you attached the requested materials?

yes no If No, please explain.

§ 4. REFERENCES

§ 4.1 Trade References: List three or more trade references from whom you have purchased in quantity materials or equipment in the past five years.

4.1.1 Provide a list of references who can attest to having a record of harmonious relations with your firm. The list should include subcontractors, State and/or Municipal project administrators and any other projects which demonstrate harmonious relationships to the satisfaction of the University. Prompt payment to subcontractors is one factor to be considered by the University in evaluating relations with subcontractors and suppliers.

4.1.2 Provide documentation from the Connecticut Secretary of State's Office that your firm is currently in good standing as a corporation if applicable.

4.1.3 Provide your State of Connecticut license, registration or certificate number, if a joint venture provide for each joint venture partner, for threshold building construction or if for a demolition project the Class A demolition license number.

	Contractor	Joint Venture Partner(s)
General Contracting		
Demolition		

§ 4.2 Bank References:

4.2.1 Has your firm or any part of your firm, affiliate, subsidiary, parent or predecessor, any owner, partial owner, or principal of your firm, or any officer or managerial or supervisory employee of your firm ever been involved in any bankruptcy proceedings?

Chapter 11: ____yes ____no
Chapter 7: ____yes ____no

4.2.2 Provide the court location, caption and docket number of any such bankruptcy proceedings as well as a statement explaining the circumstances resulting in the filing. Please note that the institution of bankruptcy proceedings in and of itself shall not be considered as grounds for non-qualification.

§ 4.3 Surety:

§ 4.3.1 Name of bonding company:

§ 4.3.2 Name and address of agent:

4.3.3 What is the most current rating the A.M. Best Company has assigned your bonding company?

4.3.4 Total bonding **capacity** as of the first working day of this month, state in dollars, not as a range:

\$ _____

4.3.4.1 Total bonding **committed** as of the first working day of this month, state in dollars not as a range:

\$ _____

4.3.4.2 Maximum bonding **permitted** by your Bonding Company for a single project for your firm, state in dollars not as a range:

\$ _____

4.3.4.3 Provide a listing of your anticipated completion of current bonded work to indicate when additional capacity will be available.

4.3.5 Does your bonding company hold a Certificate of Authority as an acceptable Surety and/or Reinsuring Company acceptable to the US Department of Treasury?

_____ yes _____ no

4.3.6 What is the maximum single amount Bond limitation established by the US Department of Treasury for your Bonding Company?

\$ _____

4.3.6.1 If this amount is less than the estimated value of the project(s) contemplated under this Application, how will the bonding requirement be met?

4.3.6.2 Provide a letter from your Bonding Company or its representative confirming items from paragraphs 4.3.3 through 4.3.6.

4.4 Has any surety which issued a performance bond on your behalf ever completed work in its own name or financed such completion on your behalf?

_____ yes _____ no

4.5 Provide a statement detailing any financial interest in any other construction business, including any financial interest of 25% or more, which any officer, principal or key employee of the firm have in the Contractor or other construction business.

§ 5. FINANCING

§ 5.1 Financial Statement.

§ 5.1.1 Attach a financial statement, preferably audited, including your organization's latest balance sheet and income statement showing the following items:

Current Assets (e.g., cash, joint venture accounts, accounts receivable, notes receivable, accrued income, deposits, materials inventory and prepaid expenses);

Net Fixed Assets;

Other Assets;

Current Liabilities (e.g., accounts payable, notes payable, accrued expenses, provision for income taxes, advances, accrued salaries and accrued payroll taxes);

Other Liabilities (e.g., capital, capital stock, authorized and outstanding shares par values, earned surplus and retained earnings).

In addition to submitting your most recent financial statement (audited, compiled or reviewed), if the end date of your fiscal year covered by the statement is three (3) or more months old, then also provide an interim financial statement showing your current financial position has remained the same, or

showing and identifying any changes in any way in relation to the financial statement you are submitting with this Application.

§ 5.1.2 Name and address of firm preparing attached financial statement, and date thereof:

§ 5.1.3 Is the attached financial statement for the identical organization named on page one?

§ 5.1.4 If not, explain the relationship and financial responsibility of the organization whose financial statement is provided (e.g., parent-subsiary).

§ 5.2 Will the organization whose financial statement is attached act as guarantor of the contract for construction?

yes no If No, please explain.

5.3 Disclose and identify any relationship and/or potential conflicts of interest which the Applicant may have with Purchasing, Architectural and Engineering Services, Capital Project and Contract Administration, or any other University organization or department; or any architect, consultant, engineer or designer of the proposed project for the purpose of determining whether a conflict of interest exists.

Applicant has no conflict of interest

Applicant has a potential conflict of interest and herewith has attached a full disclosure of said potential conflict of interest.

5.3.1 Identify any instances during the five calendar years immediately preceding the current date in which any complaint has been made to, or any investigation or inquiry has been conducted by the State of Connecticut Ethics Commission, or by any other State of Connecticut Agency or Department, regarding any alleged non-compliance by you, or anyone employed by you or acting in your behalf, with Connecticut General Statutes Sections 1-79 through 1-101, pertaining to Codes of Ethics for Public Officials and Lobbyists, and particularly Section 1-84, listing prohibited activities including the giving of "gifts" as defined therein to public officials and employees. Describe in detail each alleged violation and the circumstances pertaining thereto, including but not limited to the date or dates of such alleged violation, the factual background, nature and specifics of the alleged violation, the source, if known, of any complaint giving rise to the investigation, the penalty, if any, imposed or other action taken by the investigating agency or any other agency to which the matter was referred, any remedial action which has been taken and any other resolution of any such complaint or alleged violation.

5.4 If the Applicant is a Joint Venture identify the nature and percentage of the work of this project for which each joint venture partner will be primarily responsible.

5.4.1 Please attach a copy, executed if available, of your joint venture agreement pursuant to which you propose to perform work on this project.

5.5 Attach a sample copy of your Connecticut Workers Compensation Insurance Certificate. Also please provide your National Council on Compensation Insurance (NCCI) Experience Modification Sheet and state here your Workers Compensation Experience Modification: _____

5.6 Attach a sample copy of your General Liability Certificate

5.7 Attach a sample copy of your Automobile Liability Certificate

5.8 Have you ever performed work on a project on which an Owner Controlled Insurance Program (O.C.I.P.), also known as "wrap" insurance program was in effect?

_____yes _____no

If yes, please identify the project(s), date of completion, owner, and the company/firm administering the insurance program.

5.9 Please provide any other information which you feel would be appropriate or helpful for the University to consider in making its determination.

§ 6. SIGNATURE

§ 6.1 Dated at this _____ day of _____

Name of Organization:

By:

Title:

§ 6.2

M _____ being duly sworn deposes and says that the information provided herein is true and sufficiently complete so as not to be misleading.

Subscribed and sworn before me this _____ day of _____ 20____

Notary Public:

My Commission Expires:

ATTACHMENT A

PROJECTS BEST PORTRAYING YOUR QUALIFICATIONS
FOR THIS APPLICATION'S PROJECT

NO SUBSTITUTION OF FORMAT

Project Information Sheet

1. Project Name
2. Project Location
3. Project Owner
4. Project Architect
5. Project Engineer(s):
Civil
Structural
Mechanical
Electrical
6. Project role (refer to paragraph 3.4.3)
7. Percentage of work performed by Own forces
If less than 100% indicate dollar value performed \$
8. Contract Dates: Date of Notice to Proceed:
Date of Substantial Completion:
9. Contract Times: Original Contract Time:
Final Contract Time:
10. Contract Cost: Original Contract Cost: \$
Final Contract Cost: \$
11. Owner Reference:
Name:
Telephone:
12. Architect Reference:
Name:
Telephone:
13. Engineer References:
Civil:
Name:
Telephone:
Structural:
Name:
Telephone:

Mechanical:
Name:
Telephone:
Electrical
Name:
Telephone:
14. Major Subcontractor References: (if a trade is not used on this Project enter N/A):
Masonry:
Name:
Telephone:
Electrical:
Name:
Telephone:
Mechanical:
Name:
Telephone:
HVAC:
Name:
Telephone:
Plumbing:
Name:
Telephone:
Fire Proofing:
Name:
Telephone:
Roofing:
Name:
Telephone:
Audio Visual:
Name:
Telephone:
Other:
Name:
Telephone:
15. Major Supplier Reference:
Name, Address, Telephone, Contact Person, Estimated Annual Expenditures:

16. Briefly describe the project. Indicate comparisons between the work of the above project with the work of the project for which this application is submitted.
17. If the "Final Contract Time" stated above is in excess of 45 days of the "Original Contract Time", please provide a brief explanation.
18. If the "Final Contract Cost" exceeds the "Original Contract Cost" by more than 3%, please provide a brief explanation.
19. List the key personnel in your firm who were assigned to the project (principal in charge, project manager, field superintendent, field office manager, field engineer, etc.) who had direct responsibility for the day-to day management of this project and state whether or not each of these people are still employed by your firm.
20. Were you required to furnish a Labor and Material Payment Bond for this project?
YES _____ NO _____
Were you required to furnish a Performance Bond for this project?
YES _____ NO _____
21. What percentage of the work for this project was performed with your own forces as opposed to subcontracted work. If less than 60%, please briefly explain the circumstances.

ATTACHMENT B

CURRENT PROJECTS AND WHERE NOTED
PROJECTS YOU ANTICIPATE BEING AWARDED

SUBSTITUTION OF FORMAT PERMITTED

Project Information Sheet

1. Project Name:
2. Project Location:
3. Project Owner:
4. Project Architect:
5. Project Engineer(s): Civil:
Structural:
Mechanical:
Electrical:
6. Project role (refer to paragraph 3.4.3):
7. Percentage of work expected to be performed by Own forces:
8. Contract Dates: Date of Notice to Proceed: Date of Substantial Completion:
9. Contract Times: Original Contract Time:
10. Contract Cost: Original Contract Cost: \$
11. Owner Reference: Name: Telephone:
12. Architect Reference: Name: Telephone:
13. Engineer References: Civil: Name: Telephone: Structural:

Name:
Telephone:
Mechanical:
Name:
Telephone:
Electrical
Name:
Telephone:

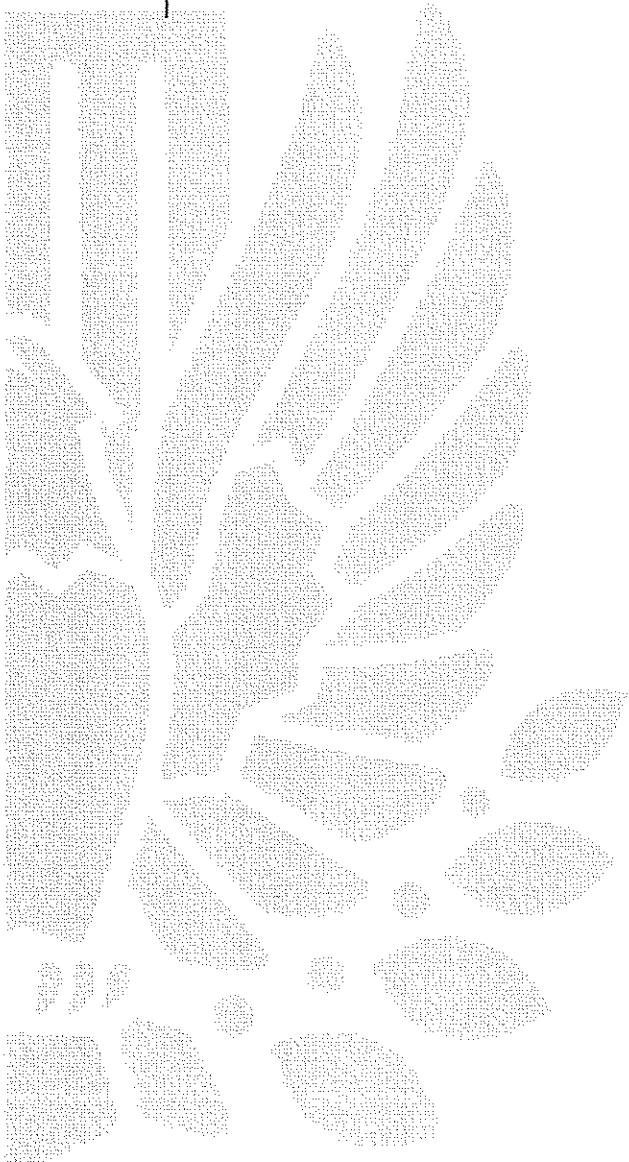


ATTACHMENT C
 ALL PAST PROJECTS
 SIMPLIFIED SUBSTITUTION OF FORMAT PERMITTED

Project Information Sheet

1. Project Name:
2. Project Location:
3. Project Owner:
4. Project Architect:
5. Project Engineer(s):
Civil:
Structural:
Mechanical:
Electrical:
6. Project role (refer to paragraph 3.4.3):
7. Percentage of work performed by Own forces:
If less than 100% indicate dollar value performed: \$
8. Contract Dates: Date of Notice to Proceed:
Date of Substantial Completion:
9. Contract Times: Original Contract Time:
Final Contract Time:
10. Contract Cost: Original Contract Cost: \$
Final Contract Cost: \$
11. Owner Reference:
Name:
Telephone:
12. Architect Reference:
Name:
Telephone:
13. Engineer References:
Civil:
Name:
Telephone:
Structural:
Name:
Telephone:
Mechanical:

Name:
Telephone:
Electrical
Name:
Telephone:



Additions and Deletions Report for AIA[®] Document A305[™] – 1986

This Additions and Deletions Report, as defined on page 1 of the associated document, reproduces below all text the author has added to the standard form AIA document in order to complete it, as well as any text the author may have added to or deleted from the original AIA text. Added text is shown underlined. Deleted text is indicated with a horizontal line through the original AIA text.

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PAGE 1

The following document is the A305 as modified by the University of Connecticut.
Modified Date: September 3, 2008

PAGE 2

1.7 Please indicate if you are registered as one of the following:

MBE WBE DBE SET ASIDE

1.8 If you are a MBE, WBE, DBE or Set Aside please indicate which governmental body registered you.

1.9 Should your Bid/Proposal for this Project meet or exceed \$500,000 then you must be Pre-Qualified by the Connecticut Department of Administrative Services (DAS) for the work required under the Bid/Proposal Contract Documents for this Project.

Does your Bid/Proposal meet or exceed \$500,000? yes no

If NO proceed to Article 2

If YES then:

Has your firm been Pre-qualified by the Connecticut Department of Administrative Services (DAS) Contractor Pre-qualification Program for the work required under the Bid/Proposal Contract Documents for this Project?

yes no

If yes, attached a copy of the approved Classification relative to the work required under the Bid/Proposal Contract Documents for this Project.

If no, you are hereby advised the University of Connecticut cannot accept any Bid/Proposal submitted by your firm for work required under the Bid/Proposal Contract Documents for this Project.

PAGE 3

It is mandatory that the firm be legally qualified to do business in Connecticut. If the applicant is a joint venture, all joint venture partners must be qualified to do business in the State of Connecticut.

...

3.1.1 List all labor organizations with which you have agreements; a negative response will not be reason for disqualification.

3.1.2 What percentage of work do you commonly perform with your own forces as opposed to work contracted separately (average) of the past 5 years?

% of work performed with own forces

% of work subcontracted

3.1.3 What percentage of the work for which you have served under contract for the past 5 years has been competitively bid on an open bid market as opposed to selected bidding or negotiation on the basis of invitation only?

% open bid work

% selected bid list or negotiated work

...

3.2.1.1 Within the past 5 years has your firm or any part of your firm; any owner, or partial owner of your firm; or any other person in any way associated with or employed by your firm ever been barred, suspended, disqualified or otherwise precluded from bidding or offering a proposal on contracts by any municipality or any agency of the State of Connecticut, other states, or the Federal Government? If so, include an explanation of any previous debarment and copies of any notice of reinstatement.

3.2.1.2 State whether within the past 5 years you have been defaulted, terminated, or have had any liquidated damages or other contractual penalties for failure to timely or properly perform a contract assessed against you and indicate the current status of any litigation involving those transactions.

3.2.1.2.1 State whether within the past 5 years you have been declared to be a non-responsible bidder or proposer on any public work project and identify the project and date of the findings.

3.2.1.3 Please indicate either yes or no to the following questions. You may attach a separate sheet to explain any yes answers. For any yes answer in response to the following questions please identify the offense, along with the location of the court or tribunal administering the matter, and the docket or proceeding number of the matter.

Has your firm, or any part of your firm, any owner, or partial owner of your firm, or any person in any way associated with or employed by your firm ever:

3.2.1.3.1 had a conviction or entry of a plea of guilty or nolo contendere for commission of a criminal offense as an incident to obtaining or attempting to obtain a public or private contract or subcontract or in the performance of such contract or subcontract?

yes _____ no _____

3.2.1.3.2 had a conviction or entry of a plea of guilty or nolo contendere under state or federal law for embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving

stolen property, or any other offense indicating a lack of business integrity or business honesty which affects responsibility as a contractor?

yes _____ no _____

3.2.1.3.3 had a conviction or entry of a plea of guilty or nolo contendere under state or federal antitrust, collusion or conspiracy statutes arising out of the submission of bids or proposals?

yes _____ no _____

3.2.1.3.4 been cited for noncompliance with contract provisions on a public project, of a character regarded by the awarding authority to be of such gravity as to indicate a lack of responsibility to perform as a state contractor, including deliberate failure, without good cause, to perform in accordance with specifications or time limits provided in a contract?

yes _____ no _____

3.2.1.3.5 within the previous 5 years compiled a record of failure to perform or of unsatisfactory performance in accordance with the terms of one or more contracts, unless such failure to perform or unsatisfactory performance was caused by acts beyond your control?

yes _____ no _____

3.2.1.3.6 on a public project or contract, been cited for any other cause the awarding authority determined to be so serious or compelling as to affect responsibility as a state contractor, including disqualification by another governmental entity, having caused financial loss to the state or having caused a serious delay or inability of state officials to carry out their duties on a past contract or contracts?

yes _____ no _____

§ 3.2.2 Are there any civil or criminal judgments, claims, arbitration proceedings or suits pending or outstanding against your organization or its officers?

3.2.2.1 Where applicable, list all litigation or arbitration proceedings including out of court settlements initiated by or against you within the past five (5) years including all pending cases. List the name of the project, the project location and the court or arbitration number and location. Briefly describe, use a separate sheet if necessary, the circumstances and disposition of each case. Specifically identify and provide details of each instance of claims or legal proceedings by or against a public or private Owner. Please note that generalized responses such as "litigation arising in the ordinary course of doing business" are not acceptable.

3.2.2.2 List any OSHA citations within the past five (5) years under present business name or any past business name. Have you been cited for three or more willful or serious violations of OSHA, or of any standard, order or regulations promulgated pursuant to such Act which violations were cited in accordance with the provisions of any State Occupational Safety and Health Act or the Occupational Safety and Health Act of 1970 and which were not abated within the time fixed by the citation; and which citation has not been set aside following appeal to the appropriate agency or court having jurisdiction? Additionally list any criminal convictions related to the injury or death of any employee.

3.2.2.3 Have you appeared on any list published by the Connecticut State Labor Department of persons or firms that have been found by the National Labor Relations Board and by a final decision

rendered by a Federal Court to have been in violation of the National Labor Relations Act, 29USC 151 et. seq. or to have been found in contempt of court by a final decision of a Federal Court for failure to correct a violation of the National Labor Relations Act on three or more occasions involving different violations?

3.2.2.3.1 If the answer to the preceding question is "yes" state the date of publication of such list by the Connecticut State Labor Department.

3.2.2.4 Identify any instances within the previous five years in which you or any entity in which you have an interest, has appeared on a list published by the State of Connecticut Labor Department of persons or firms who the Labor Department has found you to have disregarded or violated your obligations to employees and subcontractors on public works projects under Connecticut General Statutes 31-53 and 31-76c (i.e. payment of prevailing wages and overtime payments) or in which you have been barred from Federal government contracts in accordance with the provisions of the Davis Beacon Act, 40 U.S. C. 276a-2. Describe in detail the circumstances of each violation, including but not limited to, the date and nature of the violation, the project on which the violation occurred, the source, if known, of any complaint giving rise to any Department of Labor investigation, the results of any such investigation, the penalty imposed or other action taken by the Department of Labor, any remedial action which was taken and any other resolution of any such complaint or violation.

3.2.2.4.1 Identify any instances other than those described in response to Question 3.2.2.4 in which any complaint has been made to, or any investigation or inquiry has been conducted by, the State of Connecticut Department of Labor regarding any alleged non-compliance by your or by any subcontractors on your previous projects, of any provision of Part III of Chapter 557 (Connecticut General Statutes Sections 31-52 through 31-57e, prevailing wage and other requirements) and Chapter 558 (Connecticut General Statutes Sections 31-58 through 31-761, minimum wage, overtime and other requirements) during the five calendar years immediately preceding this Application. Describe in detail the circumstances of each violation, including but not limited to, the date and nature of the violation, the project on which the violation occurred, the source, if known, of any complaint giving rise to any Department of Labor investigation, the results of any such investigation, the penalty imposed or other action taken by the Department of Labor, any remedial action which was taken and any other resolution of any such complain or violation.

3.2.2.4.2 If in the event that there were such instances as described in your response, you are further required to provide with your Application a written statement of the policy and procedures you would implement on this project in an effort to insure that your and your subcontractors would remain in compliance with the statutory requirements for wage rates and payment of wages as noted above.

3.2.2.5 State whether you have ever been cited or penalized by any government agency for failure to comply with any affirmative action, non-discrimination, or other human rights requirements applicable to any work performed by you. If so, provide the date(s), details, disposition and docket number(s) for each such instance.

3.2.2.6 Are there any criminal charges, indictments or civil enforcement actions currently pending against you or your principals involving any of the offenses or violations referred to in 3.2.1.3 above? If so identify the offense(s), court docket number and status of proceeding(s).

3.2.2.7 Have you ever been found by the Connecticut Department of Public Works, or another State Agency to be in violation of the subcontractor listing requirements or other provisions of Connecticut General Statutes Section 4b-95? If so indicate the nature, date and circumstances of any such violation.

3.2.2.8 Have you ever been cited for or been the subject of a civil or criminal court proceeding alleging that you have violated the provisions of Connecticut General Statutes Sections 31-52 or 31-52a regarding providing preference to Connecticut citizens or residents in the construction of public buildings or works?

3.2.2.8.1 If so provide details concerning the date, circumstances and disposition of any such citation or court proceeding.

3.2.2.9 Please provide the address of your Connecticut office and indicate whether it constitutes your home office, branch office, one of your principal places of business or otherwise, and state the number of years you have maintained an office in Connecticut.

3.2.2.10 Please state the percentages of your current work and the dollar value which is being performed in Connecticut.

2008	%	\$
2007	%	\$
2006	%	\$
2005	%	\$

3.2.2.11 Please indicate the State in which you are incorporated and if it is not Connecticut indicate whether you are currently authorized to do business in Connecticut, as well as the date of such authorization was obtained.

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3.2.3.1 List all bid or proposal protests you have engaged in over the past five years and the results of each instance by date, owner, architect, engineer, consultant, project and court or administrative docket number and location as applicable.

§ 3.4 On a separate sheet, list major construction projects your organization has in progress, giving the name of project, owner, architect, contract amount, percent complete and scheduled completion date. Record this information on copies of Attachment B, included at the end of this document.

3.4.2 In addition to your current projects, also list projects for which you are the apparent low bidder and your bid amount as well as any other project for which you expect to be names as the Contractor in the near future. Record this information on copies of Attachment B included at the end of this document.

3.4.3 Indicate the capacity in which you are or expect to be performing work; i.e. general contractor, construction manager at risk, construction manager for fee, sub/trade contractor, joint venture partner, design/builder, part of a design/build team, etc. Also, if you are not or do not expect to perform the entire project, specify the dollar value of work you did or will perform. Lines 6 & 7 of Attachments A, B & C.

§ 3.5 On a separate sheet, list the major projects your organization has completed in the past five years, giving the name of project, owner, architect, contract amount, date of completion and percentage of the cost of the work performed with your own forces. Record this information on copies of Attachment C included at the end of this document.

...

3.5.2 Indicate the capacity in which you performed work; i.e. general contractor, construction manager at risk, construction manager for fee, sub/trade contractor, joint venture partner, design/builder, part of a design/build team, etc. Also, if you are not or do not expect to perform the entire project, specify the dollar value of work you did or will perform. Lines 6 & 7 of Attachments A, B & C.

3.5.3 Additionally provide a list and description of projects for which you served under contract as the prime contractor. Choose projects which you feel are most representative of the project(s) for which this Application is made. Record this information on copies of Attachment A, included at the end of this document. All information requested in Attachment A must be provided for each project.

§ 3.6 On a separate sheet, list the construction experience and present commitments of the key individuals of your organization. Additionally list the personnel, together with their qualifications and resumes, of whom would most likely be assigned to the project team for this project, including but not limited to the Project Executive, Site Manager, Project Manager(s), Safety Engineer, support staff, either located at the University or your home office or both for administrative, accounting, estimating etc. State the specific anticipated involvement of each individual in the project.

3.7 Describe the Quality Assurance/Quality Control/Code Compliance ("QA/QC/CC") Program and Procedures which your firm typically uses on the type of project or projects for which this application for prequalification is submitted, in order to assure that the construction complies throughout with the requirements of the Contract Documents and complies with all applicable Building and Fire/Safety Code requirements. Your response should include, but not be limited to, a description of any and all inspection and testing procedures and activities, the various steps and procedures and methods used in the QA/QC/CC process, the nature and qualifications of the internal team and/or organizations and process are being followed from the planning, through construction, and through any applicable warranty or post construction period, the methods used to report on inspections and observations such as, Quality Control reports, the methods to report to the Owner and to address and correct instances of contract and code non-compliance and construction and/or design defects and deficiencies, and whether your firm's QA/QC/CC program and procedures are in writing.

Please further state whether on the project or projects for which this application for prequalification is being submitted you intend to use the QA/QC/CC program and procedures described in response to the foregoing. If no, describe any differences.

Every applicant is expected to have in place a QA/QC/CC program and procedures and to describe them in detail in response to this question. You may use a separate sheet identifying the response as being to Question 3.7 if necessary. If your firm's programs and procedures are in writing, such as in the form of a manual, you should additionally attach a copy of same in response to Item 5.9 of this Application, whereby miscellaneous materials are permitted to be attached.

Have you attached the requested materials?

yes no If No, please explain.

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§ 4.1 Trade References: List three or more trade references from whom you have purchased in quantity materials or equipment in the past five years.

4.1.1 Provide a list of references who can attest to having a record of harmonious relations with your firm. The list should include subcontractors, State and/or Municipal project administrators and any other projects which demonstrate harmonious relationships to the satisfaction of the University. Prompt payment to subcontractors is one factor to be considered by the University in evaluating relations with subcontractors and suppliers.

4.1.2 Provide documentation from the Connecticut Secretary of State's Office that your firm is currently in good standing as a corporation if applicable.

4.1.3 Provide your State of Connecticut license, registration or certificate number, if a joint venture provide for each joint venture partner, for threshold building construction or if for a demolition project the Class A demolition license number.

	Contractor	Joint Venture Partner(s)
General Contracting		
Demolition		

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4.2.1 Has your firm or any part of your firm, affiliate, subsidiary, parent or predecessor, any owner, partial owner, or principal of your firm, or any officer or managerial or supervisory employee of your firm ever been involved in any bankruptcy proceedings?

Chapter 11: yes no

Chapter 7: yes no

4.2.2 Provide the court location, caption and docket number of any such bankruptcy proceedings as well as a statement explaining the circumstances resulting in the filing. Please note that the institution of bankruptcy proceedings in and of itself shall not be considered as grounds for non-qualification.

4.3.3 What is the most current rating the A.M. Best Company has assigned your bonding company?

4.3.4 Total bonding capacity as of the first working day of this month, state in dollars, not as a range:

_____ \$ _____

4.3.4.1 Total bonding committed as of the first working day of this month, state in dollars not as a range:

_____ \$ _____

4.3.4.2 Maximum bonding permitted by your Bonding Company for a single project for your firm, state in dollars not as a range:

_____ \$ _____

4.3.4.3 Provide a listing of your anticipated completion of current bonded work to indicate when additional capacity will be available.

4.3.5 Does your bonding company hold a Certificate of Authority as an acceptable Surety and/or Reinsuring Company acceptable to the US Department of Treasury?

_____ yes _____ no

4.3.6 What is the maximum single amount Bond limitation established by the US Department of Treasury for your Bonding Company?

_____ \$ _____

4.3.6.1 If this amount is less than the estimated value of the project(s) contemplated under this Application, how will the bonding requirement be met?

4.3.6.2 Provide a letter from your Bonding Company or its representative confirming items from paragraphs 4.3.3 through 4.3.6.

4.4 Has any surety which issued a performance bond on your behalf ever completed work in its own name or financed such completion on your behalf?

_____ yes _____ no

4.5 Provide a statement detailing any financial interest in any other construction business, including any financial interest of 25% or more, which any officer, principal or key employee of the firm have in the Contractor or other construction business.

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In addition to submitting your most recent financial statement (audited, compiled or reviewed), if the end date of your fiscal year covered by the statement is three (3) or more months old, then also provide an interim financial statement showing your current financial position has remained the same, or showing and identifying any changes in any way in relation to the financial statement you are submitting with this Application.

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_____ yes _____ no _____ If No, please explain.

5.3 Disclose and identify any relationship and/or potential conflicts of interest which the Applicant may have with Purchasing, Architectural and Engineering Services, Capital Project and Contract Administration, or any other University organization or department; or any architect, consultant, engineer or designer of the proposed project for the purpose of determining whether a conflict of interest exists.

Applicant has no conflict of interest
Applicant has a potential conflict of interest and herewith has attached a full disclosure of said potential conflict of interest.

5.3.1 Identify any instances during the five calendar years immediately preceding the current date in which any complaint has been made to, or any investigation or inquiry has been conducted by the State of Connecticut Ethics Commission, or by any other State of Connecticut Agency or Department, regarding any alleged non-compliance by you, or anyone employed by you or acting in your behalf, with Connecticut General Statutes Sections 1-79 through 1-101, pertaining to Codes of Ethics for Public Officials and Lobbyists, and particularly Section 1-84, listing prohibited activities including the giving of "gifts" as defined therein to public officials and employees. Describe in detail each alleged violation and the circumstances pertaining thereto, including but not limited to the date or dates of such alleged violation, the factual background, nature and specifics of the alleged violation, the source, if known, of any complaint giving rise to the investigation, the penalty, if any, imposed or other action taken by the investigating agency or any other agency to which the matter was referred, any remedial action which has been taken and any other resolution of any such complaint or alleged violation.

5.4 If the Applicant is a Joint Venture identify the nature and percentage of the work of this project for which each joint venture partner will be primarily responsible.

5.4.1 Please attach a copy, executed if available, of your joint venture agreement pursuant to which you propose to perform work on this project.

5.5 Attach a sample copy of your Connecticut Workers Compensation Insurance Certificate. Also please provide your National Council on Compensation Insurance (NCCI) Experience Modification Sheet and state here your Workers Compensation Experience Modification: _____

5.6 Attach a sample copy of your General Liability Certificate

5.7 Attach a sample copy of your Automobile Liability Certificate

5.8 Have you ever performed work on a project on which an Owner Controlled Insurance Program (O.C.I.P.), also known as "wrap" insurance program was in effect?

_____ yes _____ no

If yes, please identify the project(s), date of completion, owner, and the company/firm administering the insurance program.

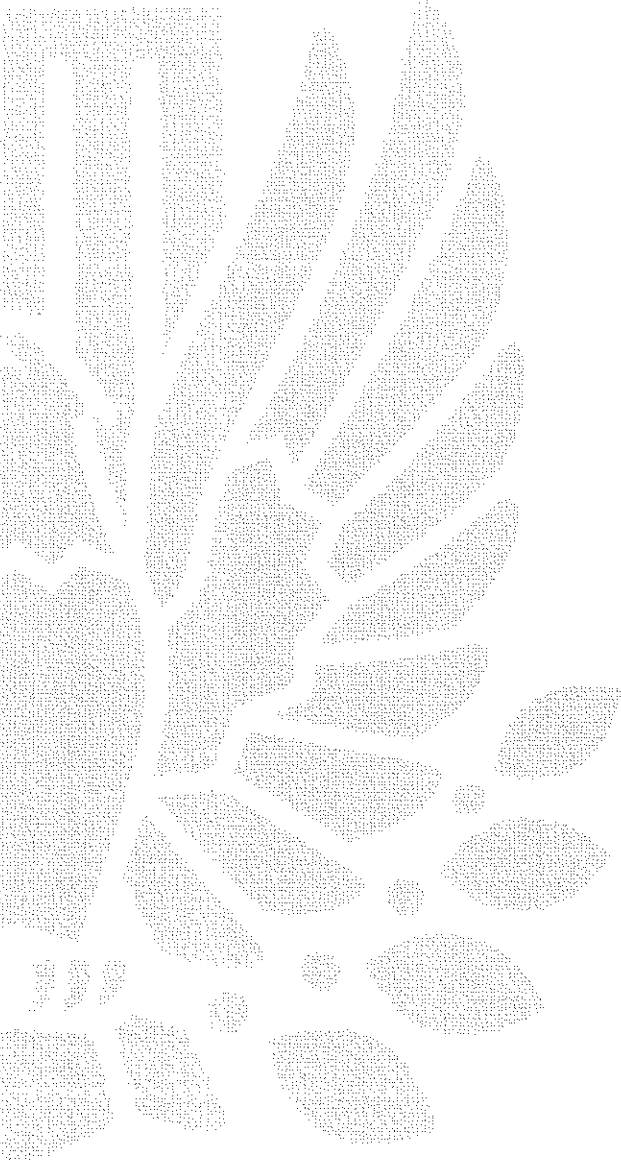
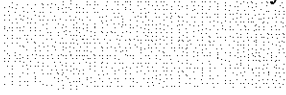
5.9 Please provide any other information which you feel would be appropriate or helpful for the University to consider in making its determination.

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Subscribed and sworn before me this day of 20__

...

My Commission Expires:



ATTACHMENT A

PROJECTS BEST PORTRAYING YOUR QUALIFICATIONS
FOR THIS APPLICATION'S PROJECT

NO SUBSTITUTION OF FORMAT

Project Information Sheet

1. Project Name
2. Project Location
3. Project Owner
4. Project Architect
5. Project Engineer(s):
Civil
Structural
Mechanical
Electrical
6. Project role (refer to paragraph 3.4.3)
7. Percentage of work performed by Own forces
If less than 100% indicate dollar value performed \$
8. Contract Dates: Date of Notice to Proceed:
Date of Substantial Completion:
9. Contract Times: Original Contract Time:
Final Contract Time:
10. Contract Cost: Original Contract Cost: \$
Final Contract Cost: \$
11. Owner Reference:
Name:
Telephone:
12. Architect Reference:
Name:
Telephone:
13. Engineer References:
Civil:
Name:
Telephone:
Structural:
Name:
Telephone:

<u>Mechanical:</u>
<u>Name:</u>
<u>Telephone:</u>
<u>Electrical</u>
<u>Name:</u>
<u>Telephone:</u>
14. Major Subcontractor References: (if a trade is not used on this Project enter N/A):
<u>Masonry:</u>
<u>Name:</u>
<u>Telephone:</u>
<u>Electrical:</u>
<u>Name:</u>
<u>Telephone:</u>
<u>Mechanical:</u>
<u>Name:</u>
<u>Telephone:</u>
<u>HVAC:</u>
<u>Name:</u>
<u>Telephone:</u>
<u>Plumbing:</u>
<u>Name:</u>
<u>Telephone:</u>
<u>Fire Proofing:</u>
<u>Name:</u>
<u>Telephone:</u>
<u>Roofing:</u>
<u>Name:</u>
<u>Telephone:</u>
<u>Audio Visual:</u>
<u>Name:</u>
<u>Telephone:</u>
<u>Other:</u>
<u>Name:</u>
<u>Telephone:</u>
15. Major Supplier Reference:
Name, Address, Telephone, Contact Person, Estimated Annual Expenditures:

16. Briefly describe the project. Indicate comparisons between the work of the above project with the work of the project for which this application is submitted.
17. If the "Final Contract Time" stated above is in excess of 45 days of the "Original Contract Time", please provide a brief explanation.
18. If the "Final Contract Cost" exceeds the "Original Contract Cost" By more than 3%, please provide a brief explanation.
19. List the key personnel in your firm who were assigned to the project (principal in charge, project manager, field superintendent, field office manager, field engineer, etc.) who had direct responsibility for the day-to day management of this project and state whether or not each of these people are still employed by your firm.
20. Were you required to furnish a Labor and Material Payment Bond for this project? <u> </u> YES <u> </u> NO
Were you required to furnish a Performance Bond for this project? <u> </u> YES <u> </u> NO
21. What percentage of the work for this project was performed with your own forces as opposed to subcontracted work. If less than 60%, please briefly explain the circumstances.

ATTACHMENT B

CURRENT PROJECTS AND WHERE NOTED
PROJECTS YOU ANTICIPATE BEING AWARDED

SUBSTITUTION OF FORMAT PERMITTED

Project Information Sheet

1. Project Name:
2. Project Location:
3. Project Owner:
4. Project Architect:
5. Project Engineer(s):
<u> </u> Civil:
<u> </u> Structural:
<u> </u> Mechanical:
<u> </u> Electrical:
6. Project role (refer to paragraph 3.4.3):
7. Percentage of work expected to be performed by Own forces:
8. Contract Dates: Date of Notice to Proceed:
Date of Substantial Completion:
9. Contract Times: Original Contract Time:
10. Contract Cost: Original Contract Cost: \$
11. Owner Reference:

<u>Name:</u>
<u>Telephone:</u>
12. Architect Reference:
<u>Name:</u>
<u>Telephone:</u>
13. Engineer References:
<u>Civil:</u>
<u>Name:</u>
<u>Telephone:</u>
<u>Structural:</u>
<u>Name:</u>
<u>Telephone:</u>
<u>Mechanical:</u>
<u>Name:</u>
<u>Telephone:</u>
<u>Electrical:</u>
<u>Name:</u>
<u>Telephone:</u>

ATTACHMENT C

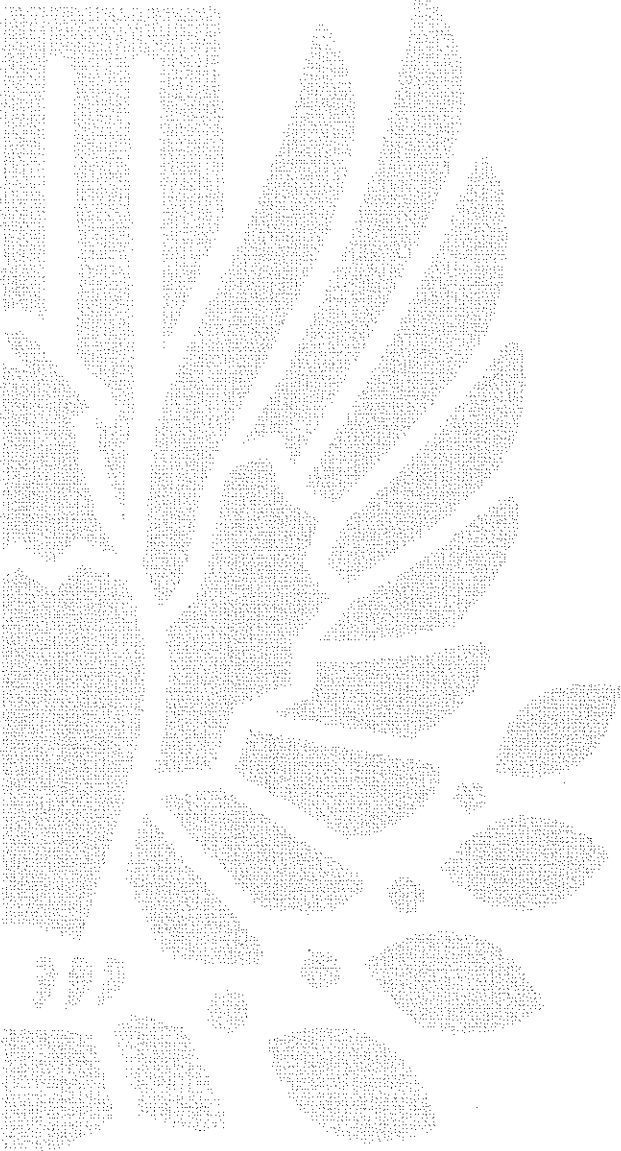
ALL PAST PROJECTS

SIMPLIFIED SUBSTITUTION OF FORMAT PERMITTED

Project Information Sheet

1. Project Name:
2. Project Location:
3. Project Owner:
4. Project Architect:
5. Project Engineer(s):
Civil:
Structural:
Mechanical:
Electrical:
6. Project role (refer to paragraph 3.4.3):
7. Percentage of work performed by Own forces:
If less than 100% indicate dollar value performed: \$
8. Contract Dates: Date of Notice to Proceed:
Date of Substantial Completion:
9. Contract Times: Original Contract Time:
Final Contract Time:
10. Contract Cost: Original Contract Cost: \$
Final Contract Cost: \$
11. Owner Reference:
Name:
Telephone:
12. Architect Reference:
Name:
Telephone:
13. Engineer References:
Civil:
Name:
Telephone:
Structural:
Name:
Telephone:
Mechanical:

<u>Name:</u>
<u>Telephone:</u>
<u>Electrical</u>
<u>Name:</u>
<u>Telephone:</u>



Certification of Document's Authenticity

AIA® Document D401™ – 2003

I, Fran Zajackowski, hereby certify, to the best of my knowledge, information and belief, that I created the attached final document simultaneously with its associated Additions and Deletions Report and this certification at 15:45:43 on 09/03/2008 under Order No. 1000363572_1 from AIA Contract Documents software and that in preparing the attached final document I made no changes to the original text of AIA® Document A305™ – 1986 - Contractor's Qualification Statement, as published by the AIA in its software, other than those additions and deletions shown in the associated Additions and Deletions Report.

(Signed)

(Title)

(Dated)