

PARTIAL ROOF REPLACEMENT

**JOHN WALLACE MIDDLE SCHOOL
71 HALLERAN DRIVE
NEWINGTON, CT 06111
BID #5, 2010-11
STATE PROJECT NO. TMP-094-MLFP**

S/P+A PROJECT NO. 11.010

DATE: June 16, 2011

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

General Information:

The pre-bid list of attendees is attached. (1)

Contractor shall coordinate their curbing with the Newington Board of Education for HVAC units that will be replaced shortly after the roof project is concluded. Two (2) of these units are located on Roofs 'D' and 'H'. One (1) of the two (2) HVAC units on Roof 'B' may also be replaced.

New Specifications:

SECTION 16700, LIGHTNING PROTECTION has been added and is attached as part of this addendum. (3)

Changes to the Specifications:

PREVAILING WAGE RATE INFORMATION, Pages 2-15, dated Friday, April 29, 2011, delete in their entirety. New PREVAILING WAGE RATE INFORMATION, dated Thursday, June 2, 2011 have been added and are attached as part of this addendum. (14)

The bid date is unchanged by this addendum.

The addendum consists of nineteen (19) pages of 8½" x 11" text.

End of Addendum '1'

1 PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. Air terminals and all associated interconnecting components to install in an existing concealed system.

1.2 RELATED SECTIONS

- B. Section 07600 – Flashing and Sheet Metal

1.3 REFERENCES

- A. Reference Standards: The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

- 1. National Fire Protection Association (NFPA) Publications:

- 780-11 Installation of Lightning Protection Systems

- 2. Underwriters Laboratories (UL) Publications:

- 96-05 Lightning Protection Components

- 96A-07 Installation Requirements for Lightning Protection Systems

1.2 SYSTEM DESCRIPTION

- A. Lightning Protection System: ANSI/NFPA 780; Class II system continuing the existing protecting system on the roof, with the new work consisting of air terminal replacement and connecting to existing wiring.

1.3 SUBMITTALS

- A. Submit shop drawings and product data under provisions of Section 01300.
- B. Submit shop drawings showing air terminals, extension components, tapping tools and connection and termination details.
- C. Submit product data showing dimensions and materials of each component, and include indication of listing in accordance with ANSI/UL 96.

1.4 PROJECT RECORD DOCUMENTS

- A. Submit project record documents under provisions of Section 01700.

1.5 QUALIFICATIONS

- A. Manufacturer: Company specializing in lightning protection equipment with minimum three (3) years experience and member of the Lightning Protection Institute (LPI). The system shall be designed by a Lightning Protection Certified Master Designer and the drawing shall bear the seal. The seal shall be current at the time of submission and shall be signed by the Master Designer.
- B. Installer: Authorized installer listed in UL and approved by manufacturer and a member of the Lightning Protection Institute. Authorized installer shall employ LPI Certified Master Installers to do the actual installation and the certification shall be part of the submittal package. The card shall be carried onsite at all times.

1.6 SEQUENCING AND SCHEDULING

- A. Coordinate the work of this Section with roofing installations. The roofing contractor will be responsible for sealing and flashing all lightning protection roof penetrations as per the roof manufacturer's recommendations.

2 PART 2 – PRODUCTS

2.1 MANUFACTURERS

- A. Northeast Lightning Protection Systems, Inc., Bloomfield, CT (860.243.0010)
- B. East Coast Lightning Equipment, Inc., Winsted, CT (860.379.9072)
- C. Advanced Lightning Technologies LTD, Argyle, TX (800.940.7960)
- D. Substitutions: Under provisions of Section 01600.

2.2 MATERIALS

- A. Components: In accordance with ANSI/UL 96. All materials shall be copper, bronze or stainless steel. Aluminum components shall be used in locations where system components are mounted to aluminum surfaces to avoid galvanic corrosion of dissimilar metals.
- B. Blunt Air Terminals: Provide at least 18 inches of rod exposed above the nearest adjacent structure (within 4 feet), metal flashing or coping or other device. Terminals are to match existing in material and profile.

3 PART 3 – EXECUTION

3.1 EXAMINATION

- A. Verify that surfaces are ready to receive work.
- B. Beginning of installation means installer accepts existing conditions.

3.2 PROTECTION OF SURROUNDING ELEMENTS

- A. Protect elements surrounding work of this Section from damage or disfiguration.

3.3 INSTALLATION

- A. Install in accordance with UL 96A and ANSI/NFPA 780.
- B. Install in accordance with manufacturer's instructions, replacing the air terminals and extension rods (to match existing).

3.4 INSPECTION AND CERTIFICATION

- A. Provide a letter of compliance by a LPI certified master designer stating conformance to UL and what additional work is required on the balance of the school to conform to UL96A.

END OF SECTION

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**Minimum Rates and Classifications
for Building Construction**

B 15211

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

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

Project Number: Project Town Newington
State#: FAP#:

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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 - Last updated 9/1/08

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**

2) Boilermaker

34.94 19.00

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3a) Bricklayer, Cement Mason, Concrete Finisher (including caulking), Stone Masons	32.50	23.16 + a
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3b) Tile Setter	32.00	21.44
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3c) Terrazzo Mechanics and Marble Setters	31.69	22.35
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3d) Tile, Marble & Terrazzo Finishers	25.50	18.43
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3e) Plasterer	32.50	23.16
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-----LABORERS-----

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4) Group 1: Laborers (common or general), acetylene burners, carpenter tenders, concrete specialists, wrecking laborers, fire watchers.	25.75	15.60
4a) Group 2: Mortar mixers, plaster tender, power buggy operators, powdermen, fireproofers/mixer/nozzleman, fence erector.	26.00	15.60
4b) Group 3: Jackhammer operators, mason tender (brick) and mason tender (cement/concrete)	26.25	15.60
4c) **Group 4: Pipelayers (Installation of water, storm drainage or sewage lines outside of the building line with P6, P7 license) (the pipelayer rate shall apply only to one or two employees of the total crew whose primary task is to actually perform the mating of pipe sections)[If using this classification call the Labor Department for clarification]	26.00	15.60
4d) Group 5: Air track operators, Sand blasters	26.50	15.60
4e) Group 6: Nuclear toxic waste removers, blasters	28.75	15.60

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4f) Group 7: Asbestos removal and encapsulation (except it's removal from mechanical systems which are not to be scrapped)	26.75	15.60
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4g) Group 8: Bottom men on open air caisson, cylindrical work and boring crew	26.25	15.60
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4h) Group 9: Top men on open air caisson, cylindrical work and boring crew	25.75	15.60
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4i) Group 10: Traffic Control Signalman	16.00	15.60
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5) Carpenter, Acoustical Ceiling Installation, Soft Floor/Carpet Laying, Metal Stud Installation, Form Work and Scaffold Building, Drywall Hanging, Modular-Furniture Systems Installers, Lathers, Piledrivers, Resilient Floor Layers.	29.03	19.27
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5a) Millwrights	29.78	19.31
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6) Electrical Worker (including low voltage wiring) (Trade License required: E1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	35.20	20.51
7a) Elevator Mechanic (Trade License required: R-1,2,5,6)	44.82	21.785+a+b
-----LINE CONSTRUCTION-----		
Groundman	23.80	3% + 13.70
Linemen/Cable Splicer	43.28	3% + 13.70
8) Glazier (Trade License required: FG-1,2)	32.03	15.40 + a

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9) Ironworker, Ornamental, Reinforcing, Structural, and Precast Concrete Erection	33.00	26.58 + a
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----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. (Trade License Required)	35.05	18.60 + a
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Group 2: Cranes (100 ton rate capacity and over); Backhoe/Excavator over 2 cubic yards; Piledriver (\$3.00 premium when operator controls hammer). (Trade License Required)	34.73	18.60 + a
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Group 3: Excavator; Backhoe/Excavator under 2 cubic yards; Cranes (under 100 ton rated capacity), Grader/Blade; 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 or similar); Grader Operator; Bulldozer Fine Grade. (slopes, shaping, laser or GPS, etc.).	33.99	18.60 + a
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Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper).	33.60	18.60 + a
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Group 5: Specialty Railroad Equipment; Asphalt Paver; 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) 33.01 18.60 + a

Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller; Pile Testing Machine. 33.01 18.60 + a

Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer). 32.70 18.60 + 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). 32.36 18.60 + a

Group 8: Mechanic, grease truck operator, hydroblaster; barrier mover; power stone spreader; welding; work boat under 26 ft.; transfer machine. 31.96 18.60 + 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). 31.53 18.60 + a

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Group 10: Vibratory hammer; ice machine; diesel and air, hammer, etc. 29.49 18.60 + a

Group 11: Conveyor, earth roller, power pavement breaker (whiphammer), robot demolition equipment. 29.49 18.60 + a

Group 12: Wellpoint operator. 29.43 18.60 + a

Group 13: Compressor battery operator. 28.85 18.60 + a

Group 14: Elevator operator; tow motor operator (solid tire no rough terrain). 27.71 18.60 + a

Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator. 27.30 18.60 + a

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Group 16: Maintenance Engineer/Oiler.	26.65	18.60 + a
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Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator.	30.96	18.60 + a
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Group 18: Power safety boat; vacuum truck; zim mixer; sweeper; (Minimum for any job requiring a CDL license).	28.54	18.60 + a
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-----PAINTERS (Including Drywall Finishing)-----

10a) Brush and Roller	28.47	15.40
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10b) Taper/Drywall Finisher	29.22	15.40
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10c) Paperhanger and Red Label	28.97	15.40
10e) Spray	31.47	15.40
11) Plumber (excluding HVAC pipe installation) (Trade License required: P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2)	37.07	23.06
12) Well Digger, Pile Testing Machine	33.01	18.60 + a
13) Roofer (composition)	30.48	14.96
14) Roofer (slate & tile)	30.98	14.96

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15) Sheetmetal Worker (Trade License required for HVAC and Ductwork: SM-1,SM-2,SM-3,SM-4,SM-5,SM-6)	31.88	27.63
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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)	37.07	23.06
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-----TRUCK DRIVERS-----

17a) 2 Axle	27.88	14.53 + a
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17b) 3 Axle, 2 Axle Ready Mix	27.98	14.53 + a
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17c) 3 Axle Ready Mix	28.03	14.53 + a
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17d) 4 Axle, Heavy Duty Trailer up to 40 tons	28.08	14.53 + a
17e) 4 Axle Ready Mix	28.13	14.53 + a
17f) Heavy Duty Trailer (40 Tons and Over)	28.33	14.53 + a
17g) Specialized Earth Moving Equipment (Other Than Conventional Type on-the-Road Trucks and Semi-Trailers, Including Euclids)	28.13	14.53 + a
18) Sprinkler Fitter (Trade License required: F-1,2,3,4)	40.50	16.85 + a
19) Theatrical Stage Journeyman	22.22	6.53

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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 journeyman 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.

~~Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clause (29 CFR 5.5 (a) (1) (ii)).

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.

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