ADDENDUM #1  
Roof Renovation Project  
Manchester Regional Academy  
Manchester, CT  
Reference #2017-031A  

May 31, 2018  

REVISIONS TO SPECIFICATIONS:  
Advertisement For Bid / Instructions to Bidders, page 4 of 16:  
DELETE paragraph #15  

REVISIONS TO DRAWINGS:  
None  

Attachments:  
• Pre-bid Walkthrough Sign-In Sheet  
• Sketches – Existing MRA Roof System Details  
• Prevailing Wage Rates.  

Submitted by:  
Robert W. Roach, AIA  
Vice President  
Friar Architecture Inc.  

RWR: rwr  

G:\Projects\2017\2017-031A Manchester MRA Roof\Files\Bidding\Addendum #1.docx
<table>
<thead>
<tr>
<th>Name</th>
<th>Firm</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patrick Moriarty</td>
<td>Greenwood Industries</td>
<td><a href="mailto:mrobert@gsraffs.com">mrobert@gsraffs.com</a></td>
</tr>
<tr>
<td>Matt Roberts</td>
<td>Gold Scal Roofing</td>
<td></td>
</tr>
<tr>
<td>Bruce Raulukaitis</td>
<td>Imperial Company</td>
<td><a href="mailto:anv@theimperialco.com">anv@theimperialco.com</a></td>
</tr>
<tr>
<td>John Nardini</td>
<td>Barrett Roofing</td>
<td><a href="mailto:jchnardini@barrettroofing.com">jchnardini@barrettroofing.com</a></td>
</tr>
<tr>
<td>Chris Heimer</td>
<td>Silk Tower Roofing</td>
<td><a href="mailto:chris@silktowerroofing.com">chris@silktowerroofing.com</a></td>
</tr>
<tr>
<td>Peter Stave</td>
<td>Manchester Bor Facilities</td>
<td>paul.e.friar.com</td>
</tr>
<tr>
<td>Bob Roach</td>
<td>FRIAR Architecture</td>
<td></td>
</tr>
<tr>
<td>Paul Hohenthal</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
RML SEAM SCREWS 1 1/4" O.C. HEAD EDGE WITHIN 1/4" OF SEAM EDGE

RML SEAM SEALANT

R-MER LITE ROOF SYSTEM

R-MER LITE VALLEY CHANNEL, STUCCO EMBOSSED

RML SEAM TAPE

R-MER LITE ROOF SYSTEM

R-MER LITE HAT CHANNEL

RIGID INSULATION

STEEL DECK

INSULATION FILL STRIP (OPTIONAL)

RML SEAM SCREWS 1 1/4"
O.C. HEAD EDGE WITHIN
1/4" OF SEAM EDGE AT VALLEY CHANNEL OVERLAP

*NOTE: ALL FASTENERS IN VALLEY COATED WITH SEALANT

TYPICAL VALLEY DETAIL
N.T.S.
DRIP EDGE DETAIL
ON STEEL DECK

NOTE: MINIMUM SLOPE = 1/4" PER FOOT

RML SEAM SCREWS
1 1/4" O.C. HEAD
EDGE WITHIN 1/4"
OF SEAM EDGE

RML SEAM SEALANT
RML SEAM TAPE

R-MER LITE
HAT CHANNEL

CLEAT

R-MER LITE
HAT CHANNEL

BLIND SEAM TAPE
(BACKER MUST
BE REMOVED)

R-MER LITE
ROOF SYSTEM

RIGID INSULATION

REQUIRED FULL
INSULATION
SUBSTRATE OVER
STEEL DECK

STEEL DECK

THE GARLAND COMPANY INC.

DATE: 12/94

ROOF AREA:
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.

### Minimum Rates and Classifications for Building Construction

**Connecticut Department of Labor**

**Wage and Workplace Standards Division**

**ID#** : B 24845

**Project Number:**

**Project Town:** Manchester

**State#:**

**FAP#:**

**Project:** Manchester Regional Academy Roof Replacement

<table>
<thead>
<tr>
<th>CLASSIFICATION</th>
<th>Hourly Rate</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a) Asbestos Worker/Insulator (Includes application of insulating materials,</td>
<td>38.25</td>
<td>27.96</td>
</tr>
<tr>
<td>protective coverings, coatings, &amp; finishes to all types of mechanical systems;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>application of firestopping material for wall openings &amp; penetrations in walls,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>floors, ceilings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1b) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(except its removal from mechanical systems which are not to be scrapped),</td>
<td></td>
<td></td>
</tr>
<tr>
<td>toxic waste removers, blasters.<strong>See Laborers Group 7</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1c) Asbestos Worker/Heat and Frost Insulator</td>
<td>39.00</td>
<td>28.76</td>
</tr>
</tbody>
</table>

*As of: Thursday, May 31, 2018*
<table>
<thead>
<tr>
<th>Occupation</th>
<th>Hourly Rate</th>
<th>Weekly Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2) Boilermaker</td>
<td>38.34</td>
<td>26.01</td>
</tr>
<tr>
<td>3) Bricklayer, Cement Mason, Concrete Finisher (including caulking),</td>
<td>33.48</td>
<td>32.06 + a</td>
</tr>
<tr>
<td>Stone Masons</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3b) Tile Setter</td>
<td>34.90</td>
<td>25.87</td>
</tr>
<tr>
<td>3c) Terrazzo Mechanics and Marble Setters</td>
<td>31.69</td>
<td>22.35</td>
</tr>
<tr>
<td>3d) Tile, Marble &amp; Terrazzo Finishers</td>
<td>26.70</td>
<td>21.75</td>
</tr>
<tr>
<td>3e) Plasterer</td>
<td>33.48</td>
<td>32.06</td>
</tr>
</tbody>
</table>

*As of: Thursday, May 31, 2018*
<table>
<thead>
<tr>
<th></th>
<th>Group Description</th>
<th>Rate</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>4)</td>
<td>Group 1: Laborers (common or general), acetylene burners, carpenter tenders,</td>
<td>30.05</td>
<td>20.10</td>
</tr>
<tr>
<td></td>
<td>concrete specialists, wrecking laborers, fire watchers.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4a)</td>
<td>Group 2: Mortar mixers, plaster tender, power buggy operators, powdermen,</td>
<td>30.30</td>
<td>20.10</td>
</tr>
<tr>
<td></td>
<td>fireproofer/mixer/nozzleman (Person running mixer and spraying fireproof only).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4b)</td>
<td>Group 3: Jackhammer operators/pavement breaker, mason tender (brick), mason</td>
<td>30.55</td>
<td>20.10</td>
</tr>
<tr>
<td></td>
<td>tender (cement/concrete), forklift operators and forklift operators (masonry).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4c)</td>
<td>**Group 4: Pipelayers (Installation of water, storm drainage or sewage lines</td>
<td>30.55</td>
<td>20.10</td>
</tr>
<tr>
<td></td>
<td>outside of the building line with P6, P7 license) (the pipelayer rate shall apply</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>only to one or two employees of the total crew who primary task is to actually</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>perform the mating of pipe sections) P6 and P7 rate is $26.80.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4d)</td>
<td>Group 5: Air track operator, sand blaster and hydraulic drills.</td>
<td>30.55</td>
<td>20.10</td>
</tr>
</tbody>
</table>

*As of: Thursday, May 31, 2018*
### Project: Manchester Regional Academy Roof Replacement

<table>
<thead>
<tr>
<th>Group</th>
<th>Description</th>
<th>Hours</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>4e) Group 6</td>
<td>Blasters, nuclear and toxic waste removal.</td>
<td>31.80</td>
<td>20.10</td>
</tr>
<tr>
<td>4f) Group 7</td>
<td>Asbestos/lead removal and encapsulation (except its removal from mechanical systems which are not to be scrapped).</td>
<td>31.05</td>
<td>20.10</td>
</tr>
<tr>
<td>4g) Group 8</td>
<td>Bottom men on open air caisson, cylindrical work and boring crew.</td>
<td>28.38</td>
<td>20.10</td>
</tr>
<tr>
<td>4h) Group 9</td>
<td>Top men on open air caisson, cylindrical work and boring crew.</td>
<td>27.86</td>
<td>20.10</td>
</tr>
<tr>
<td>4i) Group 10</td>
<td>Traffic Control Signalman</td>
<td>16.00</td>
<td>20.10</td>
</tr>
<tr>
<td>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.</td>
<td>32.60</td>
<td>25.34</td>
<td></td>
</tr>
</tbody>
</table>

**As of: Thursday, May 31, 2018**
## Project: Manchester Regional Academy Roof Replacement

### Line Construction

<table>
<thead>
<tr>
<th>Trade, License Required</th>
<th>Rate 1</th>
<th>Rate 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevator Mechanic (Trade License required: R-1,2,5,6)</td>
<td>51.71</td>
<td>32.645 + a + b</td>
</tr>
</tbody>
</table>

### Groundman

<table>
<thead>
<tr>
<th>Rate</th>
<th>Rate 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>26.50</td>
<td>6.5% + 9.00</td>
</tr>
</tbody>
</table>

### Linemen/Cable Splicer

<table>
<thead>
<tr>
<th>Rate</th>
<th>Rate 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>48.19</td>
<td>6.5% + 22.00</td>
</tr>
</tbody>
</table>

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Project: Manchester Regional Academy Roof Replacement

8) Glazier (Trade License required: FG-1,2)  36.28  20.45 + a

9) Ironworker, Ornamental, Reinforcing, Structural, and Precast Concrete Erection  35.47  33.39 + 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 and Tunnel Boring Machines. (Trade License Required)  39.55  24.05 + a

Group 2:  Cranes (100 ton rate capacity and over); Excavator over 2 cubic yards; Piledriver ($3.00 premium when operator controls hammer); Bauer Drill/Caisson. (Trade License Required)  39.23  24.05 + a

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.). (Trade License Required)  38.49  24.05 + a

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#### Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper).
- 38.10 24.05 + a

#### 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)
- 37.51 24.05 + a

#### Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller; Pile Testing Machine.
- 37.51 24.05 + a

#### Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).
- 37.20 24.05 + 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).
- 36.86 24.05 + a

#### Group 8: Mechanic, grease truck operator, hydroblaster; barrier mover; power stone spreader; welding; work boat under 26 ft.; transfer machine.
- 36.46 24.05 + a

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**As of:** Thursday, May 31, 2018
<table>
<thead>
<tr>
<th>Group</th>
<th>Description</th>
<th>Hourly Rate</th>
<th>O&amp;H Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 9</td>
<td>Front end loader (under 3 cubic yards), skid steer loader regardless of attachments, (Bobcat or Similar): forklift, power chipper; landscape equipment (including Hydroseeder).</td>
<td>36.03</td>
<td>24.05 + a</td>
</tr>
<tr>
<td>Group 10</td>
<td>Vibratory hammer; ice machine; diesel and air, hammer, etc.</td>
<td>33.99</td>
<td>24.05 + a</td>
</tr>
<tr>
<td>Group 11</td>
<td>Conveyor, earth roller, power pavement breaker (whiphammer), robot demolition equipment.</td>
<td>33.99</td>
<td>24.05 + a</td>
</tr>
<tr>
<td>Group 12</td>
<td>Wellpoint operator.</td>
<td>33.93</td>
<td>24.05 + a</td>
</tr>
<tr>
<td>Group 13</td>
<td>Compressor battery operator.</td>
<td>33.35</td>
<td>24.05 + a</td>
</tr>
<tr>
<td>Group 14</td>
<td>Elevator operator; tow motor operator (solid tire no rough terrain).</td>
<td>32.21</td>
<td>24.05 + a</td>
</tr>
</tbody>
</table>

As of: Thursday, May 31, 2018
## Project: Manchester Regional Academy Roof Replacement

<table>
<thead>
<tr>
<th>Group</th>
<th>Position</th>
<th>Rate</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator.</td>
<td>31.80</td>
<td>24.05 + a</td>
</tr>
<tr>
<td>16</td>
<td>Maintenance Engineer/Oiler.</td>
<td>31.15</td>
<td>24.05 + a</td>
</tr>
<tr>
<td>17</td>
<td>Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator.</td>
<td>35.46</td>
<td>24.05 + a</td>
</tr>
<tr>
<td>18</td>
<td>Power safety boat; vacuum truck; zim mixer; sweeper; (Minimum for any job requiring a CDL license).</td>
<td>33.04</td>
<td>24.05 + a</td>
</tr>
</tbody>
</table>

------PAINTERS (Including Drywall Finishing)------

10a) Brush and Roller

As of: Thursday, May 31, 2018
### Project: Manchester Regional Academy Roof Replacement

<table>
<thead>
<tr>
<th>Description</th>
<th>Rate 1</th>
<th>Rate 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>10b) Taping Only/Drywall Finishing</td>
<td>33.47</td>
<td>20.45</td>
</tr>
<tr>
<td>10c) Paperhanger and Red Label</td>
<td>33.22</td>
<td>20.45</td>
</tr>
<tr>
<td>10e) Blast and Spray</td>
<td>35.72</td>
<td>20.45</td>
</tr>
<tr>
<td>11) Plumber (excluding HVAC pipe installation)</td>
<td>41.62</td>
<td>30.36</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12) Well Digger, Pile Testing Machine</td>
<td>37.26</td>
<td>24.05 + a</td>
</tr>
<tr>
<td>13) Roofer (composition)</td>
<td>35.97</td>
<td>19.73</td>
</tr>
</tbody>
</table>

**As of:**  Thursday, May 31, 2018
Project: Manchester Regional Academy Roof Replacement

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Rate 1</th>
<th>Rate 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>Roofer (slate &amp; tile)</td>
<td>36.47</td>
<td>19.73</td>
</tr>
<tr>
<td>15</td>
<td>Sheetmetal Worker (Trade License required for HVAC and Ductwork: SM-1,SM-2,SM-3,SM-4,SM-5,SM-6)</td>
<td>37.18</td>
<td>35.29</td>
</tr>
<tr>
<td>16</td>
<td>Pipefitter (Including HVAC work)</td>
<td>41.62</td>
<td>30.36</td>
</tr>
<tr>
<td></td>
<td>(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 &amp; G-9)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Rate 1</th>
<th>Rate 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>17a</td>
<td>2 Axle</td>
<td>29.13</td>
<td>22.32 + a</td>
</tr>
<tr>
<td>17b</td>
<td>3 Axle, 2 Axle Ready Mix</td>
<td>29.23</td>
<td>22.32 + a</td>
</tr>
</tbody>
</table>

*As of: Thursday, May 31, 2018*
<table>
<thead>
<tr>
<th>Description</th>
<th>Rate 1</th>
<th>Rate 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>17c) 3 Axle Ready Mix</td>
<td>29.28</td>
<td>22.32  + a</td>
</tr>
<tr>
<td>17d) 4 Axle, Heavy Duty Trailer up to 40 tons</td>
<td>29.33</td>
<td>22.32  + a</td>
</tr>
<tr>
<td>17e) 4 Axle Ready Mix</td>
<td>29.38</td>
<td>22.32  + a</td>
</tr>
<tr>
<td>17f) Heavy Duty Trailer (40 Tons and Over)</td>
<td>29.58</td>
<td>22.32  + a</td>
</tr>
<tr>
<td>17g) Specialized Earth Moving Equipment (Other Than Conventional Type on-the-Road Trucks and Semi-Trailers, Including Euclids)</td>
<td>29.38</td>
<td>22.32  + a</td>
</tr>
<tr>
<td>18) Sprinkler Fitter (Trade License required: F-1,2,3,4)</td>
<td>43.92</td>
<td>15.84  + a</td>
</tr>
</tbody>
</table>

*As of: Thursday, May 31, 2018*
Project: Manchester Regional Academy Roof Replacement

19) Theatrical Stage Journeyman 25.76 7.34

As of: Thursday, May 31, 2018
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

<table>
<thead>
<tr>
<th>Crane Type</th>
<th>Extra Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crane with 150 ft. boom (including jib)</td>
<td>$1.50 extra</td>
</tr>
<tr>
<td>Crane with 200 ft. boom (including jib)</td>
<td>$2.50 extra</td>
</tr>
<tr>
<td>Crane with 250 ft. boom (including jib)</td>
<td>$5.00 extra</td>
</tr>
<tr>
<td>Crane with 300 ft. boom (including jib)</td>
<td>$7.00 extra</td>
</tr>
<tr>
<td>Crane with 400 ft. boom (including jib)</td>
<td>$10.00 extra</td>
</tr>
</tbody>
</table>

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 journeyperson 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. For those without internet access, please contact the division listed below.

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

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

Contracting Agencies are under no obligation pursuant to State labor law to pay any increase due to the annual adjustment provision.

As of: Thursday, May 31, 2018
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.

As of: Thursday, May 31, 2018