

**SALAMONE & ASSOCIATES, P.C.**  
**Consulting Engineers**

---

116 North Plains Industrial Rd • Wallingford • CT • 06492 • Phone (203) 281-6895 • Fax (203) 287-8728

ADDENDUM NO. 1

TO THE

CONTRACT DRAWINGS AND SPECIFICATIONS

FOR  
CHILLER REPLACEMENT  
AT  
BETHEL MIDDLE SCHOOL  
BETHEL, CT

This addendum issued on January 2, 2020 shall form part of the Contract Documents dated December 3, 2019 and modifies the Contract Drawings and Specifications. The bidder shall acknowledge receipt of this addendum in the space provided on the bid form. Failure to do so may subject the bidder to disqualification. This addendum consists of nineteen (19) pages.

**I. GENERAL:**

1. See wage rates to be utilized attached.

**II. QUESTIONS:**

1. Is a Bid Security/Bid Bond required, if so, what percentage (%) of bid amount will apply?

Response: No.

2. Are Performance and Labor & Material Payment Bonds required, in the amount equal to 100% of the Bid?

Response: Yes.

3. Please provide a sample Contract document that will apply to this project, between Owner and Contractor, unless a P.O. is issued in lieu of a formal Contract document.

Response: Both. There will be a purchase order issued that will reference the RFQ/P and the bid response as incorporated into the agreement. We usually ask the vendor to supply their standard contract and then it is reviewed by our Town attorney. It should include stating the parties, price payment terms, dates of delivery, services, benchmarks and final completion dates, installation and access, ownership, warranty, modifications, additions, deletions, waiver of liens, governing law (State of CT), litigation and separability.

# SALAMONE & ASSOCIATES, P.C.

## Consulting Engineers

---

116 North Plains Industrial Rd • Wallingford • CT • 06492 • Phone (203) 281-6895 • Fax (203) 287-8728

4. Please provide an Affirmative Action Compliance Form to be submitted with Bid.

Response: See attached.

5. Please provide a Non-discrimination Form to be submitted with Bid.

Response: The Affirmative Action Statement will be sufficient.

6. What level of retainage (%) will apply to progress payments due to Contractor prior to Substantial Completion?

Response: 5%.

7. Insurance Coverage - Engineers Professional Liability Insurance: should already be covered by the Engineer of record, Salamone & Assoc. Can this requirement be removed from Contractors insurance coverage as listed in Project Manual, pages 6-7?

Response: Yes, it can be removed.

8. What working hours will be permitted when school is in session, during the period for construction, for Substantial Completion by 5/8/2020?

Response: We will allow access during school hours as well as after hours. You must sign in at the main office each day and be screened by our "Hall Pass" security system and after that access will be from the back entrance while performing your work. Our custodians are there also in the evenings but if you need weekend access that will need to be scheduled with Mr. Germinaro, Supervisor of Facility and Security Operations.

9. Permit Fees: will Town of Bethel Permits Fees apply to this project, or will said fees be waived?

Response: Plan that Permit Fees will have to be paid so that we have comparable bid submissions. In finalizing agreement, we can adjust for any that will be waived. It is best if you show permit fees on a separate line.

10. Will schedule 40 piping with Victaulic joints be acceptable on piping 2 1/2" and larger?

Response: Yes.

11. Will schedule 40 piping will threaded joints be acceptable on piping 2" and smaller.

Response: Yes.

# SALAMONE & ASSOCIATES, P.C.

## Consulting Engineers

---

116 North Plains Industrial Rd • Wallingford • CT • 06492 • Phone (203) 281-6895 • Fax (203) 287-8728

12. The ATC Controls schematics and sequence of operation show VFD control of the existing pumps. The condenser and chilled water pumps are shown existing to remain. Please confirm the following:

- 1) Existing pumps shall not be replaced
- 2) Existing VFD's are in place for ALL pumps and are not being replaced
- 3) The only new VFD is for the fan at the cooling tower and shall be included in Alternate #1.

Response: 1) The existing pumps are to remain and be reused.  
2) The existing VFD's are in place for all pumps and are to remain and be reused.  
3) The only new VFD is for the cooling tower and shall be included in Deduct Alternate #1.

13. The installation manual for basis of design chillers by Trane states that pipe strainers must be installed in entering water lines to prevent damage from water-borne debris entering the evaporator and condenser water sections. Pipe strainers are not shown on drawing M-2 Typical Chiller Piping Detail. Are new pipe strainers required to be field installed at each chilled water and condenser water inlet connection?

Response: Yes, provide pipe strainers at each evaporator/condenser water inlets. In addition, provide the following for evaporator/condenser water inlets: air vents/cleanout tees and outlets: air vents, water regulating valve, pressure differential gauge with manifold and shut off valves, relief valve. Provide and Install per manufacturers installation manual.

14. Section 15510 - Hydronic Piping: new piping 2.5" and larger is specified to be black steel with welded joints. Grooved mechanical joints are not listed as an alternative. Existing piping is black steel with grooved mechanical joints throughout Mechanical Room. Will grooved mechanical joints be allowed for new piping 2.5" and larger in lieu of welded joints for CHWS, CHWR, CWS, & CWR?

Response: Yes.

15. Schedule A: Price Proposal Form: Direct Digital Controls Allowance for Base Bid is \$15,000- for all bidders. There is a Deduct Alternate #1 for not providing materials and labor associated with the cooling tower. Is there another lump sum deduct allowance amount for Direct Digital Controls that will apply to Deduct Alternate #1 for all bidders?

Response: No, provide \$15,000 allowance. Any amount remaining from said allowance shall be returned to owner via a Deduct Change Order.

END OF ADDENDUM NO. 1

Page 3 of 3

## AFFIRMATIVE ACTION STATEMENT

It is the policy of [REDACTED] to provide equal employment opportunities without regard to race, color, religion, sex, national origin, age, disability, marital status, veteran status, sexual orientation, genetic information or any other protected characteristic under applicable law. This policy relates to all phases of employment, including but not limited to, recruiting, employment, placement, promotion, transfer, demotion, reduction of workforce and termination, rates of pay or other forms of compensation, selection for training, the use of all facilities, and participation in all company-sponsored employee activities.

Provisions in applicable laws providing for bona fide occupational qualifications, business necessity or age limitations will be adhered to by the company where appropriate.

As part of the company's equal employment opportunity policy, [REDACTED] will also take affirmative action as called for by applicable laws and Executive Orders to ensure that minority group individuals, females, disabled veterans, recently separated veterans, other protected veterans, Armed Forces service medal veterans, and qualified disabled persons are introduced into our workforce and considered for promotional opportunities.

Employees and applicants shall not be subjected to harassment, intimidation or any type of retaliation because they have (1) filed a complaint; (2) assisted or participated in an investigation, compliance review, hearing or any other activity related to the administration of any federal, state or local law requiring equal employment opportunity; (3) opposed any act or practice made unlawful by any federal, state or local law requiring equal opportunity; or (4) exercised any other legal right protected by federal, state or local law requiring equal opportunity.

The above-mentioned policies shall be periodically brought to the attention of supervisors and shall be appropriately administered. It is the responsibility of each supervisor of the company to ensure affirmative implementation of these policies to avoid any discrimination in employment. All employees are expected to recognize these policies and cooperate with their implementation. Violation of these policies is a disciplinary offense.

The Affirmative Action Officer of the company is [REDACTED] He has been assigned to direct the establishment and monitor the implementation of personnel procedures to guide our affirmative action program. A notice explaining the company's policy will remain posted at the company's offices and employee areas.

-End of Affirmative Action Statement-

Project: Chiller Replacement At Bethel Middle School

**Minimum Rates and Classifications  
for Heavy/Highway Construction**

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

*ID#:* H 26779

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: Bethel

FAP Number:

State Number:

Project: Chiller Replacement At Bethel Middle School

<b>CLASSIFICATION</b>	<b>Hourly Rate</b>	<b>Benefits</b>
1) Boilermaker	33.79	34% + 8.96
1a) Bricklayer, Cement Masons, Cement Finishers, Plasterers, Stone Masons	34.72	32.15
2) Carpenters, Piledrivermen	33.53	25.66
2a) Diver Tenders	33.53	25.66

*As of:* Thursday, December 12, 2019

Project: Chiller Replacement At Bethel Middle School

3) Divers	41.99	25.66
03a) Millwrights	34.04	26.09
4) Painters: (Bridge Construction) Brush, Roller, Blasting (Sand, Water, etc.), Spray	51.00	21.80
4a) Painters: Brush and Roller	34.62	21.80
4b) Painters: Spray Only	36.62	21.80
4c) Painters: Steel Only	35.62	21.80
4d) Painters: Blast and Spray	37.62	21.80

*As of:* Thursday, December 12, 2019

Project: Chiller Replacement At Bethel Middle School

4e) Painters: Tanks, Tower and Swing	36.62	21.80
5) Electrician (Trade License required: E-1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	39.62	27.25+3% of gross wage
6) Ironworkers: Ornamental, Reinforcing, Structural, and Precast Concrete Erection	36.67	35.77 + a
7) Plumbers (Trade License required: (P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2) and Pipefitters (Including HVAC Work) (Trade License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4 G-1, G-2, G-8, G-9)	43.62	32.06
----LABORERS-----		
8) Group 1: Laborer (Unskilled), Common or General, acetylene burner, concrete specialist	30.75	20.84
9) Group 2: Chain saw operators, fence and guard rail erectors, pneumatic tool operators, powdermen	31.00	20.84

Project: Chiller Replacement At Bethel Middle School

10) Group 3: Pipelayers	31.25	20.84
11) Group 4: Jackhammer/Pavement breaker (handheld); mason tenders (cement/concrete), catch basin builders, asphalt rakers, air track operators, block paver, curb setter and forklift operators	31.25	20.84
12) Group 5: Toxic waste removal (non-mechanical systems)	32.75	20.84
13) Group 6: Blasters	32.50	20.84
Group 7: Asbestos/lead removal, non-mechanical systems (does not include leaded joint pipe)	31.75	20.84
Group 8: Traffic control signalmen	18.00	20.84
Group 9: Hydraulic Drills	29.30	18.90

*As of:* Thursday, December 12, 2019

Project: Chiller Replacement At Bethel Middle School

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

13a) Miners, Motormen, Mucking Machine Operators, Nozzle Men, Grout Men, Shaft & Tunnel Steel & Rodmen, Shield & Erector, Arm Operator, Cable Tenders	32.98	20.84 + a
---	-------	-----------

13b) Brakemen, Trackmen	32.01	20.84 + a
-------------------------	-------	-----------

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

14) Concrete Workers, Form Movers, and Strippers	32.01	20.84 + a
--	-------	-----------

15) Form Erectors	32.34	20.84 + a
-------------------	-------	-----------

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

Project: Chiller Replacement At Bethel Middle School

16) Brakemen, Trackmen, Tunnel Laborers, Shaft Laborers	32.01	20.84 + a
17) Laborers Topside, Cage Tenders, Bellman	31.90	20.84 + a
18) Miners	32.98	20.84 + a
----TUNNELS, CAISSON AND CYLINDER WORK IN COMPRESSED AIR: ----		
18a) Blaster	39.47	20.84 + a
19) Brakemen, Trackmen, Groutman, Laborers, Outside Lock Tender, Gauge Tenders	39.27	20.84 + a
20) Change House Attendants, Powder Watchmen, Top on Iron Bolts	37.29	20.84 + a

*As of:* Thursday, December 12, 2019

Project: Chiller Replacement At Bethel Middle School

21) Mucking Machine Operator	40.06	20.84 + a
------------------------------	-------	-----------

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

Two axle trucks	29.51	24.52 + a
-----------------	-------	-----------

Three axle trucks; two axle ready mix	29.62	24.52 + a
---------------------------------------	-------	-----------

Three axle ready mix	29.67	24.52 + a
----------------------	-------	-----------

Four axle trucks, heavy duty trailer (up to 40 tons)	29.72	24.52 + a
--	-------	-----------

Four axle ready-mix	29.77	24.52 + a
---------------------	-------	-----------

*As of:* Thursday, December 12, 2019

Project: Chiller Replacement At Bethel Middle School

Heavy duty trailer (40 tons and over)	29.98	24.52 + a
Specialized earth moving equipment other than conventional type on-the road trucks and semi-trailer (including Euclids)	29.77	24.52 + a
----POWER EQUIPMENT OPERATORS----		
Group 1: Crane handling or erecting structural steel or stone, hoisting engineer (2 drums or over), front end loader (7 cubic yards or over), Work Boat 26 ft. & Over, Tunnel Boring Machines. (Trade License Required)	40.97	24.80 + 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)	40.64	24.80 + a
Group 3: Excavator/Backhoe under 2 cubic yards; 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 or similar); Grader Operator; Bulldozer Fine Grade (slopes, shaping, laser or GPS, etc.). (Trade License Required)	39.88	24.80 + a
Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper)	39.48	24.80 + a

Project: Chiller Replacement At Bethel Middle School

Group 5: Specialty Railroad Equipment; Asphalt Paver; 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)	38.87	24.80 + a
Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	38.87	24.80 + a
Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	38.55	24.80 + 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 Mandrel).	38.20	24.80 + a
Group 8: Mechanic, Grease Truck Operator, Hydroblaster, Barrier Mover, Power Stone Spreader; Welder; Work Boat under 26 ft.; Transfer Machine.	37.79	24.80 + a
Group 9: Front End Loader (under 3 cubic yards), Skid Steer Loader regardless of attachments (Bobcat or Similar); Fork Lift, Power Chipper; Landscape Equipment (including hydroseeder).	37.34	24.80 + a
Group 10: Vibratory Hammer, Ice Machine, Diesel and Air Hammer, etc.	35.24	24.80 + a

Project: Chiller Replacement At Bethel Middle School

Group 11: Conveyor, Earth Roller; Power Pavement Breaker (whiphammer), Robot Demolition Equipment.	35.24	24.80 + a
Group 12: Wellpoint Operator.	35.18	24.80 + a
Group 13: Compressor Battery Operator.	34.58	24.80 + a
Group 14: Elevator Operator; Tow Motor Operator (Solid Tire No Rough Terrain).	33.41	24.80 + a
Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator.	32.99	24.80 + a
Group 16: Maintenance Engineer/Oiler	32.32	24.80 + a
Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator.	36.76	24.80 + a

Project: Chiller Replacement At Bethel Middle School

Group 18: Power Safety Boat; Vacuum Truck; Zim Mixer; Sweeper; (minimum for any job requiring CDL license).	34.26	24.80 + a
--	-------	-----------

\*\*NOTE: SEE BELOW

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

20) Lineman, Cable Splicer, Technician	48.19	6.5% + 22.00
--	-------	--------------

21) Heavy Equipment Operator	42.26	6.5% + 19.88
------------------------------	-------	--------------

22) Equipment Operator, Tractor Trailer Driver, Material Men	40.96	6.5% + 19.21
--	-------	--------------

23) Driver Groundmen	26.50	6.5% + 9.00
----------------------	-------	-------------

*As of:* Thursday, December 12, 2019

Project: Chiller Replacement At Bethel Middle School

23a) Truck Driver	40.96	6.5% + 17.76
-------------------	-------	--------------

----LINE CONSTRUCTION----

24) Driver Groundmen	30.92	6.5% + 9.70
----------------------	-------	-------------

25) Groundmen	22.67	6.5% + 6.20
---------------	-------	-------------

26) Heavy Equipment Operators	37.10	6.5% + 10.70
-------------------------------	-------	--------------

27) Linemen, Cable Splicers, Dynamite Men	41.22	6.5% + 12.20
---	-------	--------------

28) Material Men, Tractor Trailer Drivers, Equipment Operators	35.04	6.5% + 10.45
--	-------	--------------

Project: Chiller Replacement At Bethel Middle School

01) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation (except its removal from mechanical systems which are not to be scrapped), toxic waste removers, blasters. \*\*See Laborers Group 5 and 7\*\*

Project: Chiller Replacement At Bethel Middle School

*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*

***ALL Cranes: When crane operator is operating equipment that requires a fully licensed crane operator to operate he receives an extra \$4.00 premium in addition to the hourly wage rate and benefit contributions:***

***1) Crane handling or erecting structural steel or stone; hoisting engineer (2 drums or over)***

***2) Cranes (100 ton rate capacity and over) Bauer Drill/Caisson***

***3) Cranes (under 100 ton rated capacity)***

*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.

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

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

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

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

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

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

**As of:** Thursday, December 12, 2019

Project: Chiller Replacement At Bethel Middle School

*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.