

Invitation for Bid (IFB)

**Pool Painting
and Miscellaneous Repairs**

at the

Longmeadow High School



Specifications Prepared by:
Hill-Engineers, Architects, Planners, Inc.
50 Depot Street
Dalton, MA 01226

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**INVITATION TO BID (IFB)
POOL PAINTING AND MISCELLANEOUS REPAIRS**

The Town of Longmeadow is accepting sealed bids for The Longmeadow Public Schools Pool Painting and Miscellaneous Repair. Drawings and specifications prepared by Hill-Engineers, Architects, Planners, Inc., Dalton, MA. Sealed bids shall be delivered in an envelope labeled "IFB- Pool Painting and Misc Repair", and should be delivered to the Town of Longmeadow, Purchasing Department, Attn: Chad Thompson, Procurement Manager, 735 Longmeadow Street, Suite 101, Longmeadow, MA 01106 (P 413-565-4185, cthompson@longmeadow.org). Sealed bids will be accepted until the bid deadline of 11:00 A.M. on Friday June 22, 2018. Late bids will be rejected. A public bid opening will immediately follow in the auditorium of the same building.

IFB documents are available from the Purchasing Department during standard office hours: Monday through Thursday 8:00 A.M.-4:30 P.M. and 8:00 A.M. – 12:00 P.M. on Fridays. Bid documents may also be downloaded online through the Purchasing Department page of the town website: www.longmeadow.org Select the link 'Bids & RFPs' ,then link: 'Bid & RFP Finder' to access documents online. Bidders that download documents online are encouraged to register with the Purchasing Department to receive updates. Others will be responsible to monitor the website prior to the bid deadline for additional information and issued addenda. Failure to acknowledge addenda may result in a bid rejection.

A MANDATORY pre-bid conference for General Contract work and site review will begin at the Longmeadow Public Schools Central Office, 535 Bliss Road, Longmeadow, MA . Gather in the conference room at 10:30am on Thursday, June 14, 2018. Gather on time and register during the mandatory pre-bid conference. Bids received from those that have not had a representative register during the mandatory pre-bid conference will be rejected.

General Bids shall be accompanied by a bid deposit in an amount which is not less than five percent (5%) of the bid amount. Bid deposits shall be made payable to the 'Town of Longmeadow' in the form of a bid bond or a certified check, treasurer's check or cashier's check issued by a responsible bank or trust company. All bidders shall comply with minimum wage rates as set forth under the provisions of M.G.L., Chapter 149, Sections 26 to 27H inclusive and agree to provide statements of compliance as required. A 50% Payment Bond will be required of the successful contractor.

The Town of Longmeadow acting through the Town Manager, the Awarding Authority reserves the right to reject any or all bids, waive minor informalities, and award in the best interest of the Town. After proposals are opened, no bidder may withdraw the proposal for a period of thirty (30) days.

The Scope of Work shall include, but not be limited to, providing of all labor, materials, and equipment necessary for the work outlined below, as shown on the drawings, and as described in the specifications:

1. The drawings and specification have been created to indicate the pool painting and the associated appurtenances that comprise the project.

Thoroughly clean the areas of work.

2. Miscellaneous Definitions:
 - a. "Furnish" means supply and deliver to the project site or other designated location, ready for unloading, unpacking, storing, assembly, installation, application, erection, or other form of incorporation into the project, and maintained ready for use. Supply and deliver products requiring additional or supplemental fitting, assembly, fabrication, or incorporation into other elements of the project directly to the fabricator, installer or manufacturer as required.
 - b. "Install" means unload, unpack, use, fit, attach, assemble, apply, place, anchor, erect, finish, cure, protect, clean, and similar operations required to properly incorporate work into the project.
 - c. "Provide" means furnish and install.
3. The purpose of the bid package is to obtain bids to perform demolition and new construction as outlined in the drawings and this Scope of Work.
4. The Owner wishes to receive bids for all work indicated in the documentation and the specifications.
5. All work shall be performed by licensed contractors.
6. Contractor shall adhere to local, state, and federal codes which may apply.
7. Contractor shall obtain and pay for all necessary permits applicable to his work.
8. Contractor shall restore to original condition any surfaces or items which become damaged during the work.
9. Contractor shall keep areas broom clean at the end of each day. All new work shall be cleaned prior to final acceptance.

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10. All demolition, packing, or discarded materials shall be removed from the site after approval to do so, and disposed of properly by the contractor unless designated for relocation or storage per Owner's direction.
 11. The contractor shall provide submittals for review and approval by the A/E. Provide all equipment warranties and operating instructions. Provide Architect with Contractor's overnight delivery account number so that Architect may return reviewed submittal by overnight service.
 12. Do not block receiving docks other than for use in unloading materials or equipment.
 13. The contractor may make use of existing power, water, and other utilities in the building.
 14. Labeling and testing of all new systems for proper operation as required.

1. LOCATION

The complete project takes place at the Longmeadow High School pool.

2. CONTRACT DOCUMENTS

Each contractor bidding on the construction will be furnished with one (1) complete set of specifications. Bid documents are also available online through the Longmeadow Purchasing Department page found on www.longmeadow.org. Reference the legal notice for instructions to access documents online.

3. SITE EXAMINATION

Mandatory pre-bid contractor's meetings are to be held at the site per the Invitation to Bid. Those submitting bids must attend the mandatory pre-bid conference and register with the Longmeadow Procurement Manager during the conference.

4. SUBMITTAL, RECEIPT, AND OPENING OF BIDS

Bids received no later than the days and times set forth below will be publicly opened immediately following the deadline in the auditorium located in the same building as the Purchasing Coordinator.

General Bid contract work

General Contract work will be received by the Town of Longmeadow (herein called the "Owner") Sealed bids for this work will be received until **11:00AM on Friday, June 22, 2018** at the Longmeadow Purchasing Department, Town of Longmeadow, 735 Longmeadow Street, Suite 101, Longmeadow, MA 01106.

Each sealed envelope containing a bid must be plainly marked on the outside as '**IFB – Pool Painting and Miscellaneous Repairs at the Longmeadow High School**'. The envelope shall also bear on the outside the name of the bidder and his address. Faxed bids are not acceptable.

The Owner may waive any informalities or minor defects or reject any and all bids. Any bid may be withdrawn prior to the above scheduled time for opening of bids or authorized postponement thereof. Any bid received after the time and date scheduled shall not be considered. No bidder may withdraw a bid within 30 days after the actual date of opening thereof. Should there be reasons why the contract cannot be awarded within the specified period, the time may be extended by mutual agreement between the Owner and the bidder(s).

5. PREPARATION OF BID

All bids must be made on the required Bid Form. All blank spaces for bid prices must be completed in ink or typewritten. The Bid Form must be executed when submitted. A conditional or qualified bid will not be considered. The contract documents contain the provisions required for the construction of the project. Information obtained from an officer, agent, or employee of the Owner, or any other person shall not affect the risks or obligations assumed by the contractor, or relieve him/her from fulfilling any of the conditions of the contract.

6. MODIFICATION OF BID

No modification of any bid will be considered by the Awarding Authority unless such modification is in writing, sealed and received by the Awarding Authority prior to the times respectively established herein for the receipt of the filed Sub-Bids and General Bids.

7. ADDENDA AND INTERPRETATIONS

No interpretation of the meaning of the drawings, specifications, or other contract documents will be made to any bidder orally.

Every request for such interpretation should be in writing addressed to Chad Thompson, Procurement manager for the Town of Longmeadow. Send inquiries to cthompson@longmeadow.org, Phone – 413-565-4185. To be given consideration written inquiries must be received no later than forty ninety six hours (4 days) before the bid deadline. Any and all such interpretations and any supplemental instructions will be in the form of written addenda to the specifications, and all addenda so issued shall become part of the contract documents. Contractor shall acknowledge receipt of all addenda on his Bid Form.

8. BIDS

The bidder shall state in the blank spaces provided on the Bid Form, in both figures and words, the price for the work to be performed under this contract. Any unit prices applicable to the work and any amounts for alternates shall also be entered on the Bid Form.

9. TAXES

The Town has tax-exempt status. Successful bidder will receive tax number to submit for sales tax waiver.

10. BONDS

A 50% payment bond issued by a company authorized to do business in Massachusetts and satisfactory to the Awarding Authority will be required from the successful bidder upon contract award.

Bonds shall be made payable to the Town of Longmeadow.

Contractor to utilize AIA Document A311 Performance Bond and Labor and Material Payment Bond.

11. CONDITIONS OF WORK

Each bidder must inform himself fully of the conditions relating to the construction of this project and the employment of labor therein. Failure to do so will not relieve a successful bidder of his obligation to furnish all material and labor necessary to carry out the provisions of his contract. The bidder understands that there will be other contractors working on the project and agrees that in carrying out his work he will employ such methods or means as will not cause any interruption of or interference with the work of any other contractor.

After bids have been submitted, the bidder shall not assert that there was a misunderstanding concerning quantities of work or concerning the nature of the work to be done.

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12. The bidder's attention is directed to the fact that all applicable State Laws, Municipal Ordinances, and the rules and regulations of all authorities having jurisdiction over construction of this project shall apply to the contract throughout, and they will be deemed to be included in the contract the same as though herein written out in full.

13. OBLIGATION OF BIDDERS

At the time of the opening of bids, each bidder will be presumed to have inspected the site and to have read and to be thoroughly familiar with the drawings, specifications and contract documents. The failure or omission of any bidder to examine any form, instrument, or document shall in no way relieve any bidder of any obligation with respect to his/her bid.

14. ARCHITECT/ENGINEER

The Architect for the project is Hill-Engineers, Architects, Planners, Inc. Their address is 50 Depot Street, Dalton, MA 01226.

Questions and inquiries for the architect shall be submitted through the Town of Longmeadow Procurement Manager, Chad Thompson.
cthompson@longmeadow.org, Phone- 413-565-4185.

15. SUBSTITUTIONS

Any reference in the specifications to any article, device, product, material, fixture, form, or type of construction by name, make, or catalog number, shall be interpreted as establishing a standard of quality, and shall not be construed as limiting competition. The contractor, in such cases, may, at his option, use any article, device, product, material, fixture forms or type of construction which, in the judgment of the architect as acceptable.

Upon contract award with the successful bidder submittals will be submitted to the architect for review and authorization. At this time the article, device, product, material, fixture, form or type of construction proposed by the successful bidder will be supplied to the architect for review for the determination of equal and comparable. The burden of proof of equality of a proposed substitution shall rest with the contractor.

If a proposed substitution is not approved in writing with the awarded contractor, the contractor shall use the specified article, device, product, material, fixture, form or type of construction.

When a substitute article, device, product, material, fixture, form or type of construction is approved, any modification(s) to the work necessary as a result of the use of such substitute shall be made, complete by the contractor and at no additional expense to the Owner. No substitutions will be considered otherwise unless specifically provided in the contract documents.

16. LABOR REQUIREMENTS

All paid labor shall be capable of providing "First Class" quality workmanship.

18. EQUAL OPPORTUNITY

Massachusetts State Laws prohibits discrimination, the Longmeadow Public Schools are an affirmative action/equal opportunity employer, and encourages participation from certified minority and women-owned businesses.

19. WAGE REPORTING

The minimum wages to be paid for all labor on the project are established and in a schedule issued by the Department of Labor and Workforce Development, in accordance with Section 26A-27H of Chapter 149 of the M.G.L., as amended, said schedule being made a part of the Contract Documents and is included therein.

Contractor shall submit weekly payroll records to the Owner. Contractor and sub-contractors to use "Weekly Payroll Report Form" included in contract documents.

20. FILED SUB-BIDS

There are no filed sub-bids for this project. The pool painting and associated work is the general bid.

21. METHOD OF AWARD

The contract will be awarded to the lowest responsible and eligible bidder on the basis of the proposed Contract Price. Special attention is directed to the provision of General Laws Chapter 149, Section 44A defining the term 'lowest responsible and eligible bidder'.

22. POST-BID CONFERENCE

A post-bid conference will be held at the project prior to the execution of the General Contract with the successful General Bidder, the selected filed Sub-Bidders, and the Owner and Architect attendance to discuss the scheduling of operations to be performed under the contracts. The date of such conference will be established by the Owner/Architect.

23. TIME OF SUBSTANTIAL COMPLETION

It is agreed that time is of essence for the completion of all contracted work. The selected Bidders must agree to commence the project execution upon receipt of Notice to Proceed. Contractors will agree to obtain project Substantial Completion by August 10, 2018.



**THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS**

Prevailing Wage Rates

**As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H**

CHARLES D. BAKER
Governor

ROSALIN ACOSTA
Secretary

KARYN E. POLITO
Lt. Governor

WILLIAM D MCKINNEY
Director

Awarding Authority: Town of Longmeadow
Contract Number: **City/Town:** LONGMEADOW
Description of Work: INDOOR POOL PAINTING AND POOL REPAIR, CODE UPDATES.

Job Location: LONGMEADOW HIGH SCHOOL, LONGMEADOW, MA

Information about Prevailing Wage Schedules for Awarding Authorities and Contractors

- This wage schedule applies only to the specific project referenced at the top of this page and uniquely identified by the “Wage Request Number” on all pages of this schedule.
- An Awarding Authority must request an updated wage schedule from the Department of Labor Standards (“DLS”) if it has not opened bids or selected a contractor within 90 days of the date of issuance of the wage schedule. For CM AT RISK projects (bid pursuant to G.L. c.149A), the earlier of: (a) the execution date of the GMP Amendment, or (b) the bid for the first construction scope of work must be within 90-days of the wage schedule issuance date.
- The wage schedule shall be incorporated in any advertisement or call for bids for the project as required by M.G.L. c. 149, § 27. The wage schedule shall be made a part of the contract awarded for the project. The wage schedule must be posted in a conspicuous place at the work site for the life of the project in accordance with M.G.L. c. 149 § 27. The wages listed on the wage schedule must be paid to employees performing construction work on the project whether they are employed by the prime contractor, a filed sub-bidder, or any sub-contractor.
- All apprentices working on the project are required to be registered with the Massachusetts Department of Labor Standards, Division of Apprentice Standards (DLS/DAS). Apprentice must keep his/her apprentice identification card on his/her person during all work hours on the project. An apprentice registered with DAS may be paid the lower apprentice wage rate at the applicable step as provided on the prevailing wage schedule. **Any apprentice not registered with DLS/DAS regardless of whether or not they are registered with any other federal, state, local, or private agency must be paid the journeyworker's rate for the trade.**
- The wage rates will remain in effect for the duration of the project, except in the case of multi-year public construction projects. For construction projects lasting longer than one year, awarding authorities must request an updated wage schedule. Awarding authorities are required to request these updates no later than two weeks before the anniversary of the date the contract was executed by the awarding authority and the general contractor. For multi-year CM AT RISK projects, awarding authority must request an annual update no later than two weeks before the anniversary date, determined as the earlier of: (a) the execution date of the GMP Amendment, or (b) the execution date of the first amendment to permit procurement of construction services. Contractors are required to obtain the wage schedules from awarding authorities, and to pay no less than these rates to covered workers. The annual update requirement is not applicable to 27F “rental of equipment” contracts.
- Every contractor or subcontractor which performs construction work on the project is required to submit weekly payroll reports and a Statement of Compliance directly to the awarding authority by mail or email and keep them on file for three years. Each weekly payroll report must contain: the employee’s name, address, occupational classification, hours worked, and wages paid. Do not submit weekly payroll reports to DLS. A sample of a payroll reporting form may be obtained at <http://www.mass.gov/dols/pw>.
- Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at (617) 626-6953.
- Employees not receiving the prevailing wage rate set forth on the wage schedule may report the violation to the Fair Labor Division of the office of the Attorney General at (617) 727-3465.
- Failure of a contractor or subcontractor to pay the prevailing wage rates listed on the wage schedule to all employees who perform construction work on the project is a violation of the law and subjects the contractor or subcontractor to civil and

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Construction						
(2 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2016	\$32.15	\$10.91	\$10.89	\$0.00	\$53.95
(3 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2016	\$32.22	\$10.91	\$10.89	\$0.00	\$54.02
(4 & 5 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2016	\$32.34	\$10.91	\$10.89	\$0.00	\$54.14
ADS/SUBMERSIBLE PILOT <i>PILE DRIVER LOCAL 56 (ZONE 3)</i>	08/01/2017	\$92.97	\$9.90	\$21.15	\$0.00	\$124.02
	08/01/2018	\$97.80	\$9.90	\$21.15	\$0.00	\$128.85
	08/01/2019	\$102.78	\$9.90	\$21.15	\$0.00	\$133.83
For apprentice rates see "Apprentice- PILE DRIVER"						
AIR TRACK OPERATOR <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.75	\$7.70	\$13.29	\$0.00	\$52.74
	12/03/2018	\$32.52	\$7.70	\$13.29	\$0.00	\$53.51
	06/03/2019	\$33.33	\$7.70	\$13.29	\$0.00	\$54.32
	12/02/2019	\$34.14	\$7.70	\$13.29	\$0.00	\$55.13
For apprentice rates see "Apprentice- LABORER"						
AIR TRACK OPERATOR (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	06/01/2018	\$31.75	\$7.70	\$11.28	\$0.00	\$50.73
	12/01/2018	\$32.51	\$7.70	\$11.28	\$0.00	\$51.49
	06/01/2019	\$33.30	\$7.70	\$11.28	\$0.00	\$52.28
	12/01/2019	\$34.09	\$7.70	\$11.28	\$0.00	\$53.07
	06/01/2020	\$34.90	\$7.70	\$11.28	\$0.00	\$53.88
	12/01/2020	\$35.71	\$7.70	\$11.28	\$0.00	\$54.69
	06/01/2021	\$36.55	\$7.70	\$11.28	\$0.00	\$55.53
	12/01/2021	\$37.38	\$7.70	\$11.28	\$0.00	\$56.36
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
ASBESTOS WORKER (PIPES & TANKS) <i>HEAT & FROST INSULATORS LOCAL 6 (SPRINGFIELD)</i>	06/01/2018	\$33.21	\$11.50	\$6.60	\$0.00	\$51.31
	12/01/2018	\$34.11	\$11.50	\$6.60	\$0.00	\$52.21
	06/01/2019	\$35.01	\$11.50	\$6.60	\$0.00	\$53.11
	12/01/2019	\$35.91	\$11.50	\$6.60	\$0.00	\$54.01
	06/01/2020	\$36.81	\$11.50	\$6.60	\$0.00	\$54.91
	12/01/2020	\$37.71	\$11.50	\$6.60	\$0.00	\$55.81
ASPHALT RAKER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.25	\$7.70	\$13.29	\$0.00	\$52.24
	12/03/2018	\$32.02	\$7.70	\$13.29	\$0.00	\$53.01
	06/03/2019	\$32.83	\$7.70	\$13.29	\$0.00	\$53.82
	12/02/2019	\$33.64	\$7.70	\$13.29	\$0.00	\$54.63
For apprentice rates see "Apprentice- LABORER"						
ASPHALT RAKER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	06/01/2018	\$31.25	\$7.70	\$11.28	\$0.00	\$50.23
	12/01/2018	\$32.01	\$7.70	\$11.28	\$0.00	\$50.99
	06/01/2019	\$32.80	\$7.70	\$11.28	\$0.00	\$51.78
	12/01/2019	\$33.59	\$7.70	\$11.28	\$0.00	\$52.57
	06/01/2020	\$34.40	\$7.70	\$11.28	\$0.00	\$53.38
	12/01/2020	\$35.21	\$7.70	\$11.28	\$0.00	\$54.19
	06/01/2021	\$36.05	\$7.70	\$11.28	\$0.00	\$55.03
	12/01/2021	\$36.88	\$7.70	\$11.28	\$0.00	\$55.86
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
AUTOMATIC GRADER-EXCAVATOR (RECLAIMER) <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/2018	\$34.54	\$11.19	\$13.44	\$0.00	\$59.17
	12/01/2018	\$35.14	\$11.19	\$13.71	\$0.00	\$60.04
	06/01/2019	\$35.65	\$11.19	\$13.98	\$0.00	\$60.82
	12/01/2019	\$36.25	\$11.19	\$14.25	\$0.00	\$61.69
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BACKHOE/FRONT-END LOADER OPERATOR <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/2018	\$34.54	\$11.19	\$13.44	\$0.00	\$59.17
	12/01/2018	\$35.14	\$11.19	\$13.71	\$0.00	\$60.04
	06/01/2019	\$35.65	\$11.19	\$13.98	\$0.00	\$60.82
	12/01/2019	\$36.25	\$11.19	\$14.25	\$0.00	\$61.69
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BARCO-TYPE JUMPING TAMPER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.25	\$7.70	\$13.29	\$0.00	\$52.24
	12/03/2018	\$32.02	\$7.70	\$13.29	\$0.00	\$53.01
	06/03/2019	\$32.83	\$7.70	\$13.29	\$0.00	\$53.82
	12/02/2019	\$33.64	\$7.70	\$13.29	\$0.00	\$54.63
For apprentice rates see "Apprentice- LABORER"						
BATCH/CEMENT PLANT - ON SITE <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/2018	\$34.01	\$11.19	\$13.44	\$0.00	\$58.64
	12/01/2018	\$34.61	\$11.19	\$13.71	\$0.00	\$59.51
	06/01/2019	\$35.12	\$11.19	\$13.98	\$0.00	\$60.29
	12/01/2019	\$35.72	\$11.19	\$14.25	\$0.00	\$61.16
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BLOCK PAVER, RAMMER / CURB SETTER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.75	\$7.70	\$13.29	\$0.00	\$52.74
	12/03/2018	\$32.52	\$7.70	\$13.29	\$0.00	\$53.51
	06/03/2019	\$33.33	\$7.70	\$13.29	\$0.00	\$54.32
	12/02/2019	\$34.14	\$7.70	\$13.29	\$0.00	\$55.13
For apprentice rates see "Apprentice- LABORER"						
BLOCK PAVER, RAMMER / CURB SETTER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	06/01/2018	\$31.75	\$7.70	\$11.28	\$0.00	\$50.73
	12/01/2018	\$32.51	\$7.70	\$11.28	\$0.00	\$51.49
	06/01/2019	\$33.30	\$7.70	\$11.28	\$0.00	\$52.28
	12/01/2019	\$34.09	\$7.70	\$11.28	\$0.00	\$53.07
	06/01/2020	\$34.90	\$7.70	\$11.28	\$0.00	\$53.88
	12/01/2020	\$35.71	\$7.70	\$11.28	\$0.00	\$54.69
	06/01/2021	\$36.55	\$7.70	\$11.28	\$0.00	\$55.53
	12/01/2021	\$37.38	\$7.70	\$11.28	\$0.00	\$56.36
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
BOILER MAKER <i>BOILERMAKERS LOCAL 29</i>	01/01/2017	\$42.92	\$6.97	\$16.21	\$0.00	\$66.10

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - BOILERMAKER - Local 29

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	65	\$27.90	\$6.97	\$10.54	\$0.00	\$45.41
2	65	\$27.90	\$6.97	\$10.54	\$0.00	\$45.41
3	70	\$30.04	\$6.97	\$11.35	\$0.00	\$48.36
4	75	\$32.19	\$6.97	\$12.16	\$0.00	\$51.32
5	80	\$34.34	\$6.97	\$12.97	\$0.00	\$54.28
6	85	\$36.48	\$6.97	\$13.78	\$0.00	\$57.23
7	90	\$38.63	\$6.97	\$14.59	\$0.00	\$60.19
8	95	\$40.77	\$6.97	\$15.40	\$0.00	\$63.14

Notes:

Apprentice to Journeyworker Ratio:1:5

BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)	03/01/2018	\$40.56	\$10.75	\$18.14	\$0.00	\$69.45
BRICKLAYERS LOCAL 3 (SPRINGFIELD/PITTSFIELD)	08/01/2018	\$41.91	\$10.75	\$18.27	\$0.00	\$70.93
	02/01/2019	\$42.46	\$10.75	\$18.27	\$0.00	\$71.48
	08/01/2019	\$43.81	\$10.75	\$18.41	\$0.00	\$72.97
	02/01/2020	\$44.36	\$10.75	\$18.41	\$0.00	\$73.52
	08/01/2020	\$45.71	\$10.75	\$18.56	\$0.00	\$75.02
	02/01/2021	\$46.26	\$10.75	\$18.56	\$0.00	\$75.57
	08/01/2021	\$47.66	\$10.75	\$18.72	\$0.00	\$77.13
	02/01/2022	\$48.19	\$10.75	\$18.72	\$0.00	\$77.66

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - BRICK/PLASTER/CEMENT MASON - Local 3 Springfield/Pittsfield

Effective Date - 03/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.28	\$10.75	\$18.14	\$0.00	\$49.17
2	60	\$24.34	\$10.75	\$18.14	\$0.00	\$53.23
3	70	\$28.39	\$10.75	\$18.14	\$0.00	\$57.28
4	80	\$32.45	\$10.75	\$18.14	\$0.00	\$61.34
5	90	\$36.50	\$10.75	\$18.14	\$0.00	\$65.39

Effective Date - 08/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.96	\$10.75	\$18.27	\$0.00	\$49.98
2	60	\$25.15	\$10.75	\$18.27	\$0.00	\$54.17
3	70	\$29.34	\$10.75	\$18.27	\$0.00	\$58.36
4	80	\$33.53	\$10.75	\$18.27	\$0.00	\$62.55
5	90	\$37.72	\$10.75	\$18.27	\$0.00	\$66.74

Notes:

Apprentice to Journeyworker Ratio:1:5

BULLDOZER/POWER SHOVEL/TREE SHREDDER /CLAM SHELL OPERATING	06/01/2018	\$34.54	\$11.19	\$13.44	\$0.00	\$59.17
ENGINEERS LOCAL 98	12/01/2018	\$35.14	\$11.19	\$13.71	\$0.00	\$60.04
	06/01/2019	\$35.65	\$11.19	\$13.98	\$0.00	\$60.82
	12/01/2019	\$36.25	\$11.19	\$14.25	\$0.00	\$61.69

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

CAISSON & UNDERPINNING BOTTOM MAN LABORERS - FOUNDATION AND MARINE	06/01/2018	\$39.10	\$7.70	\$15.40	\$0.00	\$62.20
	12/01/2018	\$40.05	\$7.70	\$15.40	\$0.00	\$63.15
	06/01/2019	\$41.05	\$7.70	\$15.40	\$0.00	\$64.15
	12/01/2019	\$42.05	\$7.70	\$15.40	\$0.00	\$65.15
	06/01/2020	\$43.04	\$7.70	\$15.40	\$0.00	\$66.14
	12/01/2020	\$44.02	\$7.70	\$15.40	\$0.00	\$67.12
	06/01/2021	\$45.04	\$7.70	\$15.40	\$0.00	\$68.14
	12/01/2021	\$46.05	\$7.70	\$15.40	\$0.00	\$69.15

For apprentice rates see "Apprentice- LABORER"

CAISSON & UNDERPINNING LABORER LABORERS - FOUNDATION AND MARINE	06/01/2018	\$37.95	\$7.70	\$15.40	\$0.00	\$61.05
	12/01/2018	\$38.90	\$7.70	\$15.40	\$0.00	\$62.00
	06/01/2019	\$39.90	\$7.70	\$15.40	\$0.00	\$63.00
	12/01/2019	\$40.90	\$7.70	\$15.40	\$0.00	\$64.00
	06/01/2020	\$41.89	\$7.70	\$15.40	\$0.00	\$64.99
	12/01/2020	\$42.87	\$7.70	\$15.40	\$0.00	\$65.97
	06/01/2021	\$43.89	\$7.70	\$15.40	\$0.00	\$66.99
	12/01/2021	\$44.90	\$7.70	\$15.40	\$0.00	\$68.00

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CAISSON & UNDERPINNING TOP MAN <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2018	\$37.95	\$7.70	\$15.40	\$0.00	\$61.05
	12/01/2018	\$38.90	\$7.70	\$15.40	\$0.00	\$62.00
	06/01/2019	\$39.90	\$7.70	\$15.40	\$0.00	\$63.00
	12/01/2019	\$40.90	\$7.70	\$15.40	\$0.00	\$64.00
	06/01/2020	\$41.89	\$7.70	\$15.40	\$0.00	\$64.99
	12/01/2020	\$42.87	\$7.70	\$15.40	\$0.00	\$65.97
	06/01/2021	\$43.89	\$7.70	\$15.40	\$0.00	\$66.99
	12/01/2021	\$44.90	\$7.70	\$15.40	\$0.00	\$68.00
For apprentice rates see "Apprentice- LABORER"						
CARBIDE CORE DRILL OPERATOR <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.25	\$7.70	\$13.29	\$0.00	\$52.24
	12/03/2018	\$32.02	\$7.70	\$13.29	\$0.00	\$53.01
	06/03/2019	\$32.83	\$7.70	\$13.29	\$0.00	\$53.82
	12/02/2019	\$33.64	\$7.70	\$13.29	\$0.00	\$54.63
For apprentice rates see "Apprentice- LABORER"						
CARPENTER <i>CARPENTERS LOCAL 108 - HAMPDEN HAMPSHIRE FRANKLIN</i>	03/05/2018	\$36.56	\$8.26	\$15.00	\$0.00	\$59.82
	09/05/2018	\$37.60	\$8.26	\$15.00	\$0.00	\$60.86
	03/04/2019	\$38.64	\$8.26	\$15.00	\$0.00	\$61.90

Apprentice - CARPENTER - Local 108 Hampden Hampshire Franklin

Effective Date - 03/05/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.28	\$8.26	\$1.22	\$0.00	\$27.76
2	60	\$21.94	\$8.26	\$1.22	\$0.00	\$31.42
3	70	\$25.59	\$8.26	\$11.34	\$0.00	\$45.19
4	75	\$27.42	\$8.26	\$11.34	\$0.00	\$47.02
5	80	\$29.25	\$8.26	\$12.56	\$0.00	\$50.07
6	80	\$29.25	\$8.26	\$12.56	\$0.00	\$50.07
7	90	\$32.90	\$8.26	\$13.78	\$0.00	\$54.94
8	90	\$32.90	\$8.26	\$13.78	\$0.00	\$54.94

Effective Date - 09/05/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.80	\$8.26	\$1.22	\$0.00	\$28.28
2	60	\$22.56	\$8.26	\$1.22	\$0.00	\$32.04
3	70	\$26.32	\$8.26	\$11.34	\$0.00	\$45.92
4	75	\$28.20	\$8.26	\$11.34	\$0.00	\$47.80
5	80	\$30.08	\$8.26	\$12.56	\$0.00	\$50.90
6	80	\$30.08	\$8.26	\$12.56	\$0.00	\$50.90
7	90	\$33.84	\$8.26	\$13.78	\$0.00	\$55.88
8	90	\$33.84	\$8.26	\$13.78	\$0.00	\$55.88

Notes:

% Indentured After 10/1/17; 45/45/55/55/70/70/80/80
Step 1&2 \$25.93/ 3&4 \$30.77/ 5&6 \$46.41/ 7&8 \$51.29

Apprentice to Journeyworker Ratio:1:5

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CARPENTER WOOD FRAME <i>CARPENTERS LOCAL 108 - HAMPDEN HAMPSHIRE FRANKLIN</i>	04/01/2018	\$22.33	\$7.07	\$7.86	\$0.00	\$37.26
	10/01/2018	\$22.71	\$7.07	\$7.86	\$0.00	\$37.64
	04/01/2019	\$23.10	\$7.07	\$7.86	\$0.00	\$38.03
	10/01/2019	\$23.49	\$7.07	\$7.86	\$0.00	\$38.42

As of 9/1/09 Carpentry work on wood-frame WEATHERIZATION projects shall be paid the WOOD FRAME CARPENTER rate.

Apprentice - CARPENTER (Wood Frame) - 108 Hampden Hampshire

Effective Date - 04/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$13.40	\$7.07	\$0.00	\$0.00	\$20.47
2	60	\$13.40	\$7.07	\$0.00	\$0.00	\$20.47
3	65	\$14.51	\$7.07	\$7.86	\$0.00	\$29.44
4	70	\$15.63	\$7.07	\$7.86	\$0.00	\$30.56
5	75	\$16.75	\$7.07	\$7.86	\$0.00	\$31.68
6	80	\$17.86	\$7.07	\$7.86	\$0.00	\$32.79
7	85	\$18.98	\$7.07	\$7.86	\$0.00	\$33.91
8	90	\$20.10	\$7.07	\$7.86	\$0.00	\$35.03

Effective Date - 10/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$13.63	\$7.07	\$0.00	\$0.00	\$20.70
2	60	\$13.63	\$7.07	\$0.00	\$0.00	\$20.70
3	65	\$14.76	\$7.07	\$7.86	\$0.00	\$29.69
4	70	\$15.90	\$7.07	\$7.86	\$0.00	\$30.83
5	75	\$17.03	\$7.07	\$7.86	\$0.00	\$31.96
6	80	\$18.17	\$7.07	\$7.86	\$0.00	\$33.10
7	85	\$19.30	\$7.07	\$7.86	\$0.00	\$34.23
8	90	\$20.44	\$7.07	\$7.86	\$0.00	\$35.37

Notes:

% Indentured After 10/1/17; 45/45/55/55/70/70/80/80
Step 1&2 \$17.12/ 3&4 \$24.10/ 5&6 \$30.56/ 7&8 \$32.79

Apprentice to Journeyworker Ratio:1:5

CEMENT MASONRY/PLASTERING <i>BRICKLAYERS LOCAL 3 (SPRINGFIELD/PITTSFIELD)</i>	01/01/2018	\$39.11	\$12.30	\$17.64	\$0.30	\$69.35
	07/01/2018	\$39.07	\$12.37	\$17.64	\$0.30	\$69.38
	01/01/2019	\$40.54	\$12.37	\$17.64	\$0.30	\$70.85
	07/01/2019	\$41.11	\$12.37	\$17.64	\$0.30	\$71.42
	01/01/2020	\$42.59	\$12.37	\$17.64	\$0.30	\$72.90

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - CEMENT MASONRY/PLASTERING - Springfield/Pittsfield

Effective Date - 01/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.56	\$12.30	\$15.41	\$0.00	\$47.27
2	60	\$23.47	\$12.30	\$17.64	\$0.30	\$53.71
3	65	\$25.42	\$12.30	\$17.64	\$0.30	\$55.66
4	70	\$27.38	\$12.30	\$17.64	\$0.30	\$57.62
5	75	\$29.33	\$12.30	\$17.64	\$0.30	\$59.57
6	80	\$31.29	\$12.30	\$17.64	\$0.30	\$61.53
7	90	\$35.20	\$12.30	\$17.64	\$0.30	\$65.44

Effective Date - 07/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.54	\$12.37	\$15.41	\$0.00	\$47.32
2	60	\$23.44	\$12.37	\$17.64	\$0.30	\$53.75
3	65	\$25.40	\$12.37	\$17.64	\$0.30	\$55.71
4	70	\$27.35	\$12.37	\$17.64	\$0.30	\$57.66
5	75	\$29.30	\$12.37	\$17.64	\$0.30	\$59.61
6	80	\$31.26	\$12.37	\$17.64	\$0.30	\$61.57
7	90	\$35.16	\$12.37	\$17.64	\$0.30	\$65.47

Notes:

Steps 3,4 are 500 hrs. All other steps are 1,000 hrs.

Apprentice to Journeyworker Ratio:1:3

CHAIN SAW OPERATOR	06/04/2018	\$31.25	\$7.70	\$13.29	\$0.00	\$52.24
<i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/03/2018	\$32.02	\$7.70	\$13.29	\$0.00	\$53.01
	06/03/2019	\$32.83	\$7.70	\$13.29	\$0.00	\$53.82
	12/02/2019	\$33.64	\$7.70	\$13.29	\$0.00	\$54.63

For apprentice rates see "Apprentice- LABORER"

COMPRESSOR OPERATOR	06/01/2018	\$34.01	\$11.19	\$13.44	\$0.00	\$58.64
<i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2018	\$34.61	\$11.19	\$13.71	\$0.00	\$59.51
	06/01/2019	\$35.12	\$11.19	\$13.98	\$0.00	\$60.29
	12/01/2019	\$35.72	\$11.19	\$14.25	\$0.00	\$61.16

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

CRANE OPERATOR	06/01/2018	\$38.04	\$11.19	\$13.44	\$0.00	\$62.67
<i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2018	\$38.64	\$11.19	\$13.71	\$0.00	\$63.54
	06/01/2019	\$39.15	\$11.19	\$13.98	\$0.00	\$64.32
	12/01/2019	\$39.75	\$11.19	\$14.25	\$0.00	\$65.19

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DELEADER (BRIDGE) PAINTERS LOCAL 35 - ZONE 3	01/01/2018	\$49.66	\$8.10	\$19.55	\$0.00	\$77.31
	07/01/2018	\$50.01	\$8.15	\$20.15	\$0.00	\$78.31
	01/01/2019	\$50.36	\$8.15	\$20.85	\$0.00	\$79.36
	07/01/2019	\$51.46	\$8.15	\$20.85	\$0.00	\$80.46
	01/01/2020	\$42.56	\$8.15	\$20.85	\$0.00	\$71.56
	07/01/2020	\$53.66	\$8.15	\$20.85	\$0.00	\$82.66
	01/01/2021	\$54.76	\$8.15	\$20.85	\$0.00	\$83.76

Apprentice - PAINTER Local 35 - BRIDGES/TANKS

Effective Date - 01/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.83	\$8.10	\$0.00	\$0.00	\$32.93
2	55	\$27.31	\$8.10	\$5.06	\$0.00	\$40.47
3	60	\$29.80	\$8.10	\$5.52	\$0.00	\$43.42
4	65	\$32.28	\$8.10	\$5.98	\$0.00	\$46.36
5	70	\$34.76	\$8.10	\$16.79	\$0.00	\$59.65
6	75	\$37.25	\$8.10	\$17.25	\$0.00	\$62.60
7	80	\$39.73	\$8.10	\$17.71	\$0.00	\$65.54
8	90	\$44.69	\$8.10	\$18.63	\$0.00	\$71.42

Effective Date - 07/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.01	\$8.15	\$0.00	\$0.00	\$33.16
2	55	\$27.51	\$8.15	\$5.34	\$0.00	\$41.00
3	60	\$30.01	\$8.15	\$5.82	\$0.00	\$43.98
4	65	\$32.51	\$8.15	\$6.31	\$0.00	\$46.97
5	70	\$35.01	\$8.15	\$17.24	\$0.00	\$60.40
6	75	\$37.51	\$8.15	\$17.73	\$0.00	\$63.39
7	80	\$40.01	\$8.15	\$18.21	\$0.00	\$66.37
8	90	\$45.01	\$8.15	\$19.18	\$0.00	\$72.34

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

DEMO: ADZEMAN LABORERS - ZONE 3 (BUILDING & SITE)	06/01/2018	\$38.15	\$7.70	\$15.20	\$0.00	\$61.05
	12/01/2018	\$39.10	\$7.70	\$15.20	\$0.00	\$62.00
	06/01/2019	\$40.10	\$7.70	\$15.20	\$0.00	\$63.00
	12/01/2019	\$41.10	\$7.70	\$15.20	\$0.00	\$64.00

For apprentice rates see "Apprentice- LABORER"

DEMO: BACKHOE/LOADER/HAMMER OPERATOR LABORERS - ZONE 3 (BUILDING & SITE)	06/01/2018	\$39.15	\$7.70	\$15.20	\$0.00	\$62.05
	12/01/2018	\$40.10	\$7.70	\$15.20	\$0.00	\$63.00
	06/01/2019	\$41.10	\$7.70	\$15.20	\$0.00	\$64.00
	12/01/2019	\$42.10	\$7.70	\$15.20	\$0.00	\$65.00

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DEMO: BURNERS <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/01/2018	\$38.90	\$7.70	\$15.20	\$0.00	\$61.80
	12/01/2018	\$39.85	\$7.70	\$15.20	\$0.00	\$62.75
	06/01/2019	\$40.85	\$7.70	\$15.20	\$0.00	\$63.75
	12/01/2019	\$41.85	\$7.70	\$15.20	\$0.00	\$64.75
For apprentice rates see "Apprentice- LABORER"						
DEMO: CONCRETE CUTTER/SAWYER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/01/2018	\$39.15	\$7.70	\$15.20	\$0.00	\$62.05
	12/01/2018	\$40.10	\$7.70	\$15.20	\$0.00	\$63.00
	06/01/2019	\$41.10	\$7.70	\$15.20	\$0.00	\$64.00
	12/01/2019	\$42.10	\$7.70	\$15.20	\$0.00	\$65.00
For apprentice rates see "Apprentice- LABORER"						
DEMO: JACKHAMMER OPERATOR <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/01/2018	\$38.90	\$7.70	\$15.20	\$0.00	\$61.80
	12/01/2018	\$39.85	\$7.70	\$15.20	\$0.00	\$62.75
	06/01/2019	\$40.85	\$7.70	\$15.20	\$0.00	\$63.75
	12/01/2019	\$41.85	\$7.70	\$15.20	\$0.00	\$64.75
For apprentice rates see "Apprentice- LABORER"						
DEMO: WRECKING LABORER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/01/2018	\$38.15	\$7.70	\$15.20	\$0.00	\$61.05
	12/01/2018	\$39.10	\$7.70	\$15.20	\$0.00	\$62.00
	06/01/2019	\$40.10	\$7.70	\$15.20	\$0.00	\$63.00
	12/01/2019	\$41.10	\$7.70	\$15.20	\$0.00	\$64.00
For apprentice rates see "Apprentice- LABORER"						
DIVER <i>PILE DRIVER LOCAL 56 (ZONE 3)</i>	08/01/2017	\$61.98	\$9.90	\$21.15	\$0.00	\$93.03
	08/01/2018	\$65.20	\$9.90	\$21.15	\$0.00	\$96.25
	08/01/2019	\$68.52	\$9.90	\$21.15	\$0.00	\$99.57
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER <i>PILE DRIVER LOCAL 56 (ZONE 3)</i>	08/01/2017	\$44.27	\$9.90	\$21.15	\$0.00	\$75.32
	08/01/2018	\$46.57	\$9.90	\$21.15	\$0.00	\$77.62
	08/01/2019	\$48.94	\$9.90	\$21.15	\$0.00	\$79.99
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER (EFFLUENT) <i>PILE DRIVER LOCAL 56 (ZONE 3)</i>	08/01/2017	\$66.41	\$9.90	\$21.15	\$0.00	\$97.46
	08/01/2018	\$69.86	\$9.90	\$21.15	\$0.00	\$100.91
	08/01/2019	\$73.41	\$9.90	\$21.15	\$0.00	\$104.46
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER/SLURRY (EFFLUENT) <i>PILE DRIVER LOCAL 56 (ZONE 3)</i>	08/01/2017	\$92.97	\$9.90	\$21.15	\$0.00	\$124.02
	08/01/2018	\$97.80	\$9.90	\$21.15	\$0.00	\$128.85
	08/01/2019	\$102.78	\$9.90	\$21.15	\$0.00	\$133.83
For apprentice rates see "Apprentice- PILE DRIVER"						
ELECTRICIAN (Including Core Drilling) <i>ELECTRICIANS LOCAL 7</i>	12/31/2017	\$40.51	\$10.00	\$11.42	\$0.00	\$61.93
	07/01/2018	\$41.21	\$10.25	\$11.74	\$0.00	\$63.20
	12/30/2018	\$41.91	\$10.50	\$12.06	\$0.00	\$64.47
	06/30/2019	\$42.66	\$10.75	\$12.33	\$0.00	\$65.74
	12/29/2019	\$43.41	\$11.00	\$12.60	\$0.00	\$67.01

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - ELECTRICIAN - Local 7

Effective Date - 12/31/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$16.20	\$5.40	\$0.49	\$0.00	\$22.09
2	45	\$18.23	\$5.40	\$0.55	\$0.00	\$24.18
3	50	\$20.26	\$10.00	\$6.91	\$0.00	\$37.17
4	55	\$22.28	\$10.00	\$6.97	\$0.00	\$39.25
5	65	\$26.33	\$10.00	\$8.09	\$0.00	\$44.42
6	70	\$28.36	\$10.00	\$9.15	\$0.00	\$47.51

Effective Date - 07/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$16.48	\$5.55	\$0.49	\$0.00	\$22.52
2	45	\$18.54	\$5.55	\$0.56	\$0.00	\$24.65
3	50	\$20.61	\$10.25	\$6.92	\$0.00	\$37.78
4	55	\$22.67	\$10.25	\$6.98	\$0.00	\$39.90
5	65	\$26.79	\$10.25	\$8.10	\$0.00	\$45.14
6	70	\$28.85	\$10.25	\$9.17	\$0.00	\$48.27

Notes:

Steps 1-2 are 1000 hrs; Steps 3-6 are 1500 hrs.

Apprentice to Journeyworker Ratio:2:3****

ELEVATOR CONSTRUCTOR	01/01/2018	\$51.46	\$15.43	\$16.61	\$0.00	\$83.50
ELEVATOR CONSTRUCTORS LOCAL 41	01/01/2019	\$53.11	\$15.58	\$17.51	\$0.00	\$86.20
	01/01/2020	\$54.85	\$15.73	\$18.41	\$0.00	\$88.99
	01/01/2021	\$56.69	\$15.88	\$19.31	\$0.00	\$91.88
	01/01/2022	\$58.62	\$16.03	\$20.21	\$0.00	\$94.86

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - ELEVATOR CONSTRUCTOR - Local 41

Effective Date - 01/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.73	\$15.43	\$0.00	\$0.00	\$41.16
2	55	\$28.30	\$15.43	\$16.61	\$0.00	\$60.34
3	65	\$33.45	\$15.43	\$16.61	\$0.00	\$65.49
4	70	\$36.02	\$15.43	\$16.61	\$0.00	\$68.06
5	80	\$41.17	\$15.43	\$16.61	\$0.00	\$73.21

Effective Date - 01/01/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$26.56	\$15.58	\$0.00	\$0.00	\$42.14
2	55	\$29.21	\$15.58	\$17.51	\$0.00	\$62.30
3	65	\$34.52	\$15.58	\$17.51	\$0.00	\$67.61
4	70	\$37.18	\$15.58	\$17.51	\$0.00	\$70.27
5	80	\$42.49	\$15.58	\$17.51	\$0.00	\$75.58

Notes:

Steps 1-2 are 6 mos.; Steps 3-5 are 1 year

Apprentice to Journeyworker Ratio:1:1

ELEVATOR CONSTRUCTOR HELPER <i>ELEVATOR CONSTRUCTORS LOCAL 41</i>	01/01/2018	\$36.02	\$15.43	\$16.61	\$0.00	\$68.06
	01/01/2019	\$37.18	\$15.58	\$17.51	\$0.00	\$70.27
	01/01/2020	\$38.40	\$15.73	\$18.41	\$0.00	\$72.54
	01/01/2021	\$39.68	\$15.88	\$19.31	\$0.00	\$74.87
	01/01/2022	\$41.03	\$16.03	\$20.21	\$0.00	\$77.27

For apprentice rates see "Apprentice - ELEVATOR CONSTRUCTOR"

FENCE & GUARD RAIL ERECTOR (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	06/01/2018	\$31.25	\$7.70	\$11.28	\$0.00	\$50.23
	12/01/2018	\$32.01	\$7.70	\$11.28	\$0.00	\$50.99
	06/01/2019	\$32.80	\$7.70	\$11.28	\$0.00	\$51.78
	12/01/2019	\$33.59	\$7.70	\$11.28	\$0.00	\$52.57
	06/01/2020	\$34.40	\$7.70	\$11.28	\$0.00	\$53.38
	12/01/2020	\$35.21	\$7.70	\$11.28	\$0.00	\$54.19
	06/01/2021	\$36.05	\$7.70	\$11.28	\$0.00	\$55.03
	12/01/2021	\$36.88	\$7.70	\$11.28	\$0.00	\$55.86

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

FIELD ENG.INST/ROD-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/1999	\$18.84	\$4.80	\$4.10	\$0.00	\$27.74
FIELD ENG.PARTY CHIEF:BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/1999	\$21.33	\$4.80	\$4.10	\$0.00	\$30.23
FIELD ENG.SURVEY CHIEF-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/1999	\$22.33	\$4.80	\$4.10	\$0.00	\$31.23

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FIRE ALARM INSTALLER <i>ELECTRICIANS LOCAL 7</i>	12/31/2017	\$40.51	\$10.00	\$11.42	\$0.00	\$61.93
	07/01/2018	\$41.21	\$10.25	\$11.74	\$0.00	\$63.20
	12/30/2018	\$41.91	\$10.50	\$12.06	\$0.00	\$64.47
	06/30/2019	\$42.66	\$10.75	\$12.33	\$0.00	\$65.74
	12/29/2019	\$43.41	\$11.00	\$12.60	\$0.00	\$67.01

For apprentice rates see "Apprentice- ELECTRICIAN"

FIRE ALARM REPAIR / MAINTENANCE <i>LOCAL 7</i> / COMMISSIONING <i>ELECTRICIANS</i>	12/31/2017	\$40.51	\$10.00	\$11.42	\$0.00	\$61.93
	07/01/2018	\$41.21	\$10.25	\$11.74	\$0.00	\$63.20
	12/30/2018	\$41.91	\$10.50	\$12.06	\$0.00	\$64.47
	06/30/2019	\$42.66	\$10.75	\$12.33	\$0.00	\$65.74
	12/29/2019	\$43.41	\$11.00	\$12.60	\$0.00	\$67.01

For apprentice rates see "Apprentice- TELECOMMUNICATIONS TECHNICIAN"

FIREMAN <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/2018	\$34.01	\$11.19	\$13.44	\$0.00	\$58.64
	12/01/2018	\$34.61	\$11.19	\$13.71	\$0.00	\$59.51
	06/01/2019	\$35.12	\$11.19	\$13.98	\$0.00	\$60.29
	12/01/2019	\$35.72	\$11.19	\$14.25	\$0.00	\$61.16

Apprentice - OPERATING ENGINEERS - Local 98 Class 3

Effective Date - 06/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$20.41	\$11.19	\$13.44	\$0.00	\$45.04
2	70	\$23.81	\$11.19	\$13.44	\$0.00	\$48.44
3	80	\$27.21	\$11.19	\$13.44	\$0.00	\$51.84
4	90	\$30.61	\$11.19	\$13.44	\$0.00	\$55.24

Effective Date - 12/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$20.77	\$11.19	\$13.71	\$0.00	\$45.67
2	70	\$24.23	\$11.19	\$13.71	\$0.00	\$49.13
3	80	\$27.69	\$11.19	\$13.71	\$0.00	\$52.59
4	90	\$31.15	\$11.19	\$13.71	\$0.00	\$56.05

Notes:

Steps 1-2 are 1000 hrs.; Steps 3-4 are 2000 hrs.

Apprentice to Journeyworker Ratio:1:6

FLAGGER & SIGNALER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	06/01/2018	\$21.50	\$7.70	\$11.28	\$0.00	\$40.48
	12/01/2018	\$22.50	\$7.70	\$11.28	\$0.00	\$41.48
	06/01/2019	\$22.50	\$7.70	\$11.28	\$0.00	\$41.48
	12/01/2019	\$23.50	\$7.70	\$11.28	\$0.00	\$42.48
	06/01/2020	\$23.50	\$7.70	\$11.28	\$0.00	\$42.48
	12/01/2020	\$24.50	\$7.70	\$11.28	\$0.00	\$43.48
	06/01/2021	\$24.50	\$7.70	\$11.28	\$0.00	\$43.48
	12/01/2021	\$24.50	\$7.70	\$11.28	\$0.00	\$43.48

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FLOORCOVERER FLOORCOVERERS LOCAL 2168 ZONE III	03/01/2016	\$32.60	\$8.55	\$14.42	\$0.00	\$55.57

Apprentice - FLOORCOVERER - Local 2168 Zone III

Effective Date - 03/01/2016

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.30	\$8.55	\$1.20	\$0.00	\$26.05
2	55	\$17.93	\$8.55	\$1.20	\$0.00	\$27.68
3	60	\$19.56	\$8.55	\$10.82	\$0.00	\$38.93
4	65	\$21.19	\$8.55	\$10.82	\$0.00	\$40.56
5	70	\$22.82	\$8.55	\$12.02	\$0.00	\$43.39
6	75	\$24.45	\$8.55	\$12.02	\$0.00	\$45.02
7	80	\$26.08	\$8.55	\$13.22	\$0.00	\$47.85
8	85	\$27.71	\$8.55	\$13.22	\$0.00	\$49.48

Notes: Steps are 750 hrs.
 % After 09/1/17; 45/45/55/55/70/70/80/80 (1500hr Steps)
 Step 1&2 \$24.42/ 3&4 \$28.84/ 5&6 \$43.39/ 7&8 \$47.85

Apprentice to Journeyworker Ratio:1:1

FORK LIFT OPERATING ENGINEERS LOCAL 98	06/01/2018	\$34.23	\$11.19	\$13.44	\$0.00	\$58.86
	12/01/2018	\$34.83	\$11.19	\$13.71	\$0.00	\$59.73
	06/01/2019	\$35.34	\$11.19	\$13.98	\$0.00	\$60.51
	12/01/2019	\$35.94	\$11.19	\$14.25	\$0.00	\$61.38

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

GENERATORS/LIGHTING PLANTS OPERATING ENGINEERS LOCAL 98	06/01/2018	\$30.78	\$11.19	\$13.44	\$0.00	\$55.41
	12/01/2018	\$31.38	\$11.19	\$13.71	\$0.00	\$56.28
	06/01/2019	\$31.89	\$11.19	\$13.98	\$0.00	\$57.06
	12/01/2019	\$32.49	\$11.19	\$14.25	\$0.00	\$57.93

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) GLAZIERS LOCAL 1333	06/01/2018	\$37.18	\$10.40	\$9.35	\$0.00	\$56.93
	06/01/2019	\$38.18	\$10.60	\$9.90	\$0.00	\$58.68
	06/01/2020	\$39.18	\$10.80	\$10.45	\$0.00	\$60.43

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - GLAZIER - Local 1333

Effective Date - 06/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.59	\$10.40	\$1.60	\$0.00	\$30.59
2	56	\$20.91	\$10.40	\$1.60	\$0.00	\$32.91
3	63	\$23.24	\$10.40	\$2.10	\$0.00	\$35.74
4	69	\$25.56	\$10.40	\$2.10	\$0.00	\$38.06
5	75	\$27.89	\$10.40	\$2.60	\$0.00	\$40.89
6	81	\$30.21	\$10.40	\$2.60	\$0.00	\$43.21
7	88	\$32.53	\$10.40	\$9.35	\$0.00	\$52.28
8	94	\$34.86	\$10.40	\$9.35	\$0.00	\$54.61

Effective Date - 06/01/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.09	\$10.60	\$1.80	\$0.00	\$31.49
2	56	\$21.48	\$10.60	\$1.80	\$0.00	\$33.88
3	63	\$23.86	\$10.60	\$2.40	\$0.00	\$36.86
4	69	\$26.25	\$10.60	\$2.40	\$0.00	\$39.25
5	75	\$28.64	\$10.60	\$2.90	\$0.00	\$42.14
6	81	\$31.02	\$10.60	\$2.90	\$0.00	\$44.52
7	88	\$33.41	\$10.60	\$9.90	\$0.00	\$53.91
8	94	\$35.79	\$10.60	\$9.90	\$0.00	\$56.29

Notes:

Apprentice to Journeyworker Ratio:1:3

GRADER/TRENCHING MACHINE/DERRICK OPERATING ENGINEERS LOCAL 98	06/01/2018	\$34.54	\$11.19	\$13.44	\$0.00	\$59.17
	12/01/2018	\$35.14	\$11.19	\$13.71	\$0.00	\$60.04
	06/01/2019	\$35.65	\$11.19	\$13.98	\$0.00	\$60.82
	12/01/2019	\$36.25	\$11.19	\$14.25	\$0.00	\$61.69

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

HVAC (DUCTWORK) SHEETMETAL WORKERS LOCAL 63	01/01/2018	\$32.99	\$10.64	\$16.22	\$1.77	\$61.62
	07/01/2018	\$33.74	\$10.64	\$16.22	\$1.77	\$62.37
	01/01/2019	\$34.74	\$10.64	\$16.22	\$1.77	\$63.37
	07/01/2019	\$35.74	\$10.64	\$16.22	\$1.77	\$64.37
	01/01/2020	\$36.99	\$10.64	\$16.22	\$1.77	\$65.62

For apprentice rates see "Apprentice- SHEET METAL WORKER"

HVAC (ELECTRICAL CONTROLS) ELECTRICIANS LOCAL 7	12/31/2017	\$40.51	\$10.00	\$11.42	\$0.00	\$61.93
	07/01/2018	\$41.21	\$10.25	\$11.74	\$0.00	\$63.20
	12/30/2018	\$41.91	\$10.50	\$12.06	\$0.00	\$64.47
	06/30/2019	\$42.66	\$10.75	\$12.33	\$0.00	\$65.74
	12/29/2019	\$43.41	\$11.00	\$12.60	\$0.00	\$67.01

For apprentice rates see "Apprentice- ELECTRICIAN"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
HVAC (TESTING AND BALANCING - AIR) <i>SHEETMETAL WORKERS LOCAL 63</i>	01/01/2018	\$32.99	\$10.64	\$16.22	\$1.77	\$61.62
	07/01/2018	\$33.74	\$10.64	\$16.22	\$1.77	\$62.37
	01/01/2019	\$34.74	\$10.64	\$16.22	\$1.77	\$63.37
	07/01/2019	\$35.74	\$10.64	\$16.22	\$1.77	\$64.37
	01/01/2020	\$36.99	\$10.64	\$16.22	\$1.77	\$65.62
For apprentice rates see "Apprentice- SHEET METAL WORKER"						
HVAC (TESTING AND BALANCING -WATER) <i>PLUMBERS & PIPEFITTERS LOCAL 104</i>	03/17/2018	\$39.51	\$8.50	\$15.80	\$0.00	\$63.81
	09/17/2018	\$40.26	\$8.50	\$15.80	\$0.00	\$64.56
	03/17/2019	\$41.01	\$8.50	\$15.80	\$0.00	\$65.31
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HVAC MECHANIC <i>PLUMBERS & PIPEFITTERS LOCAL 104</i>	03/17/2018	\$39.51	\$8.50	\$15.80	\$0.00	\$63.81
	09/17/2018	\$40.26	\$8.50	\$15.80	\$0.00	\$64.56
	03/17/2019	\$41.01	\$8.50	\$15.80	\$0.00	\$65.31
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HYDRAULIC DRILLS (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	06/01/2018	\$31.75	\$7.70	\$11.28	\$0.00	\$50.73
	12/01/2018	\$32.51	\$7.70	\$11.28	\$0.00	\$51.49
	06/01/2019	\$33.30	\$7.70	\$11.28	\$0.00	\$52.28
	12/01/2019	\$34.09	\$7.70	\$11.28	\$0.00	\$53.07
	06/01/2020	\$34.90	\$7.70	\$11.28	\$0.00	\$53.88
	12/01/2020	\$35.71	\$7.70	\$11.28	\$0.00	\$54.69
	06/01/2021	\$36.55	\$7.70	\$11.28	\$0.00	\$55.53
12/01/2021	\$37.38	\$7.70	\$11.28	\$0.00	\$56.36	
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)						
INSULATOR (PIPES & TANKS) <i>HEAT & FROST INSULATORS LOCAL 6 (SPRINGFIELD)</i>	09/01/2017	\$37.67	\$11.75	\$14.20	\$0.00	\$63.62
	09/01/2018	\$39.47	\$11.75	\$14.20	\$0.00	\$65.42
	09/01/2019	\$41.47	\$11.75	\$14.20	\$0.00	\$67.42

Apprentice - ASBESTOS INSULATOR (Pipes & Tanks) - Local 6 Springfield

Effective Date - 09/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.84	\$11.75	\$10.45	\$0.00	\$41.04
2	60	\$22.60	\$11.75	\$11.20	\$0.00	\$45.55
3	70	\$26.37	\$11.75	\$11.95	\$0.00	\$50.07
4	80	\$30.14	\$11.75	\$12.70	\$0.00	\$54.59

Effective Date - 09/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.74	\$11.75	\$10.45	\$0.00	\$41.94
2	60	\$23.68	\$11.75	\$11.20	\$0.00	\$46.63
3	70	\$27.63	\$11.75	\$11.95	\$0.00	\$51.33
4	80	\$31.58	\$11.75	\$12.70	\$0.00	\$56.03

Notes:

Steps are 1 year

Apprentice to Journeyworker Ratio:1:4

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
IRONWORKER/WELDER <i>IRONWORKERS LOCAL 7 (SPRINGFIELD AREA)</i>	03/16/2017	\$32.39	\$7.80	\$19.60	\$0.00	\$59.79

Apprentice - IRONWORKER - Local 7 Springfield

Effective Date - 03/16/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$19.43	\$7.80	\$19.60	\$0.00	\$46.83
2	70	\$22.67	\$7.80	\$19.60	\$0.00	\$50.07
3	75	\$24.29	\$7.80	\$19.60	\$0.00	\$51.69
4	80	\$25.91	\$7.80	\$19.60	\$0.00	\$53.31
5	85	\$27.53	\$7.80	\$19.60	\$0.00	\$54.93
6	90	\$29.15	\$7.80	\$19.60	\$0.00	\$56.55

Notes:

Structural 1:6; Ornamental 1:4

Apprentice to Journeyworker Ratio:

JACKHAMMER & PAVING BREAKER OPERATOR <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.25	\$7.70	\$13.29	\$0.00	\$52.24
	12/03/2018	\$32.02	\$7.70	\$13.29	\$0.00	\$53.01
	06/03/2019	\$32.83	\$7.70	\$13.29	\$0.00	\$53.82
	12/02/2019	\$33.64	\$7.70	\$13.29	\$0.00	\$54.63

For apprentice rates see "Apprentice- LABORER"

LABORER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.00	\$7.70	\$13.29	\$0.00	\$51.99
	12/03/2018	\$31.77	\$7.70	\$13.29	\$0.00	\$52.76
	06/03/2019	\$32.58	\$7.70	\$13.29	\$0.00	\$53.57
	12/02/2019	\$33.39	\$7.70	\$13.29	\$0.00	\$54.38

Apprentice - LABORER - Zone 3 Building & Site

Effective Date - 06/04/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$18.60	\$7.70	\$13.29	\$0.00	\$39.59
2	70	\$21.70	\$7.70	\$13.29	\$0.00	\$42.69
3	80	\$24.80	\$7.70	\$13.29	\$0.00	\$45.79
4	90	\$27.90	\$7.70	\$13.29	\$0.00	\$48.89

Effective Date - 12/03/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$19.06	\$7.70	\$13.29	\$0.00	\$40.05
2	70	\$22.24	\$7.70	\$13.29	\$0.00	\$43.23
3	80	\$25.42	\$7.70	\$13.29	\$0.00	\$46.41
4	90	\$28.59	\$7.70	\$13.29	\$0.00	\$49.58

Notes:

Apprentice to Journeyworker Ratio:1:5

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LABORER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	06/01/2018	\$31.00	\$7.70	\$11.28	\$0.00	\$49.98
	12/01/2018	\$31.76	\$7.70	\$11.28	\$0.00	\$50.74
	06/01/2019	\$32.55	\$7.70	\$11.28	\$0.00	\$51.53
	12/01/2019	\$33.34	\$7.70	\$11.28	\$0.00	\$52.32
	06/01/2020	\$34.15	\$7.70	\$11.28	\$0.00	\$53.13
	12/01/2020	\$34.96	\$7.70	\$11.28	\$0.00	\$53.94
	06/01/2021	\$35.80	\$7.70	\$11.28	\$0.00	\$54.78
	12/01/2021	\$36.63	\$7.70	\$11.28	\$0.00	\$55.61

Apprentice - LABORER (Heavy & Highway) - Zone 3

Effective Date - 06/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$18.60	\$7.70	\$11.28	\$0.00	\$37.58
2	70	\$21.70	\$7.70	\$11.28	\$0.00	\$40.68
3	80	\$24.80	\$7.70	\$11.28	\$0.00	\$43.78
4	90	\$27.90	\$7.70	\$11.28	\$0.00	\$46.88

Effective Date - 12/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$19.06	\$7.70	\$11.28	\$0.00	\$38.04
2	70	\$22.23	\$7.70	\$11.28	\$0.00	\$41.21
3	80	\$25.41	\$7.70	\$11.28	\$0.00	\$44.39
4	90	\$28.58	\$7.70	\$11.28	\$0.00	\$47.56

Notes:

Apprentice to Journeyworker Ratio:1:5

LABORER: CARPENTER TENDER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.00	\$7.70	\$13.29	\$0.00	\$51.99
	12/03/2018	\$31.77	\$7.70	\$13.29	\$0.00	\$52.76
	06/03/2019	\$32.58	\$7.70	\$13.29	\$0.00	\$53.57
	12/02/2019	\$33.39	\$7.70	\$13.29	\$0.00	\$54.38

For apprentice rates see "Apprentice- LABORER"

LABORER: CEMENT FINISHER TENDER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.25	\$7.70	\$13.29	\$0.00	\$52.24
	12/03/2018	\$32.02	\$7.70	\$13.29	\$0.00	\$53.01
	06/03/2019	\$32.83	\$7.70	\$13.29	\$0.00	\$53.82
	12/02/2019	\$33.64	\$7.70	\$13.29	\$0.00	\$54.63

For apprentice rates see "Apprentice- LABORER"

LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/01/2018	\$31.10	\$7.70	\$13.29	\$0.00	\$52.09
	12/01/2018	\$31.87	\$7.70	\$13.29	\$0.00	\$52.86
	06/01/2019	\$32.68	\$7.70	\$13.29	\$0.00	\$53.67
	12/01/2019	\$33.49	\$7.70	\$13.29	\$0.00	\$54.48

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LABORER: MASON TENDER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$32.00	\$7.70	\$13.29	\$0.00	\$52.99
	12/03/2018	\$32.77	\$7.70	\$13.29	\$0.00	\$53.76
	06/03/2019	\$33.58	\$7.70	\$13.29	\$0.00	\$54.57
	12/02/2019	\$34.39	\$7.70	\$13.29	\$0.00	\$55.38
For apprentice rates see "Apprentice- LABORER"						
LABORER: MASON TENDER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	06/01/2018	\$31.25	\$7.70	\$11.28	\$0.00	\$50.23
	12/01/2018	\$32.01	\$7.70	\$11.28	\$0.00	\$50.99
	06/01/2019	\$32.80	\$7.70	\$11.28	\$0.00	\$51.78
	12/01/2019	\$33.59	\$7.70	\$11.28	\$0.00	\$52.57
	06/01/2020	\$34.40	\$7.70	\$11.28	\$0.00	\$53.38
	12/01/2020	\$35.21	\$7.70	\$11.28	\$0.00	\$54.19
	06/01/2021	\$36.05	\$7.70	\$11.28	\$0.00	\$55.03
12/01/2021	\$36.88	\$7.70	\$11.28	\$0.00	\$55.86	
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
LABORER: MULTI-TRADE TENDER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.00	\$7.70	\$13.29	\$0.00	\$51.99
	12/03/2018	\$31.77	\$7.70	\$13.29	\$0.00	\$52.76
	06/03/2019	\$32.58	\$7.70	\$13.29	\$0.00	\$53.57
	12/02/2019	\$33.39	\$7.70	\$13.29	\$0.00	\$54.38
For apprentice rates see "Apprentice- LABORER"						
LABORER: TREE REMOVER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.00	\$7.70	\$13.29	\$0.00	\$51.99
	12/03/2018	\$31.77	\$7.70	\$13.29	\$0.00	\$52.76
	06/03/2019	\$32.58	\$7.70	\$13.29	\$0.00	\$53.57
	12/02/2019	\$33.39	\$7.70	\$13.29	\$0.00	\$54.38
This classification applies to all tree work associated with the removal of standing trees, and trimming and removal of branches and limbs when the work is not done for a utility company for the purpose of operation, maintenance or repair of utility company equipment. For apprentice rates see "Apprentice- LABORER"						
LASER BEAM OPERATOR <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.25	\$7.70	\$13.29	\$0.00	\$52.24
	12/03/2018	\$32.02	\$7.70	\$13.29	\$0.00	\$53.01
	06/03/2019	\$32.83	\$7.70	\$13.29	\$0.00	\$53.82
	12/02/2019	\$33.64	\$7.70	\$13.29	\$0.00	\$54.63
For apprentice rates see "Apprentice- LABORER"						
LASER BEAM OPERATOR (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	06/01/2018	\$31.25	\$7.70	\$11.28	\$0.00	\$50.23
	12/01/2018	\$32.01	\$7.70	\$11.28	\$0.00	\$50.99
	06/01/2019	\$32.80	\$7.70	\$11.28	\$0.00	\$51.78
	12/01/2019	\$33.59	\$7.70	\$11.28	\$0.00	\$52.57
	06/01/2020	\$34.40	\$7.70	\$11.28	\$0.00	\$53.38
	12/01/2020	\$35.21	\$7.70	\$11.28	\$0.00	\$54.19
	06/01/2021	\$36.05	\$7.70	\$11.28	\$0.00	\$55.03
12/01/2021	\$36.88	\$7.70	\$11.28	\$0.00	\$55.86	
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
MARBLE & TILE FINISHERS <i>BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE</i>	03/01/2018	\$33.67	\$10.75	\$17.65	\$0.00	\$62.07
	08/01/2018	\$34.67	\$10.75	\$17.76	\$0.00	\$63.18
	02/01/2019	\$35.17	\$10.75	\$17.76	\$0.00	\$63.68
	08/01/2019	\$36.17	\$10.75	\$17.87	\$0.00	\$64.79
	02/01/2020	\$36.67	\$10.75	\$17.87	\$0.00	\$65.29
	08/01/2020	\$37.67	\$10.75	\$17.99	\$0.00	\$66.41
	02/01/2021	\$38.17	\$10.75	\$17.99	\$0.00	\$66.91
	08/01/2021	\$39.17	\$10.75	\$18.12	\$0.00	\$68.04
	02/01/2022	\$39.62	\$10.75	\$18.12	\$0.00	\$68.49

Apprentice - MARBLE-TILE FINISHER-Local 3 Marble/Tile (Spr/Pitt)

Effective Date - 03/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.84	\$10.75	\$17.65	\$0.00	\$45.24
2	60	\$20.20	\$10.75	\$17.65	\$0.00	\$48.60
3	70	\$23.57	\$10.75	\$17.65	\$0.00	\$51.97
4	80	\$26.94	\$10.75	\$17.65	\$0.00	\$55.34
5	90	\$30.30	\$10.75	\$17.65	\$0.00	\$58.70

Notes:

Apprentice to Journeyworker Ratio:1:5

MARBLE MASONS, TILELAYERS & TERRAZZO MECH <i>BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE</i>	02/01/2018	\$52.10	\$10.75	\$20.03	\$0.00	\$82.88
	08/01/2018	\$53.45	\$10.75	\$20.16	\$0.00	\$84.36
	02/01/2019	\$54.07	\$10.75	\$20.16	\$0.00	\$84.98
	08/01/2019	\$55.42	\$10.75	\$20.30	\$0.00	\$86.47
	02/01/2020	\$56.05	\$10.75	\$20.30	\$0.00	\$87.10
	08/01/2020	\$57.40	\$10.75	\$20.45	\$0.00	\$88.60
	02/01/2021	\$58.04	\$10.75	\$20.45	\$0.00	\$89.24
	08/01/2021	\$59.44	\$10.75	\$20.61	\$0.00	\$90.80
	02/01/2022	\$60.01	\$10.75	\$20.61	\$0.00	\$91.37

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - MARBLE-TILE-TERRAZZO MECH - Local 3 Marble/Tile (Spr/Pitt)

Effective Date - 02/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$26.05	\$10.75	\$20.03	\$0.00	\$56.83
2	60	\$31.26	\$10.75	\$20.03	\$0.00	\$62.04
3	70	\$36.47	\$10.75	\$20.03	\$0.00	\$67.25
4	80	\$41.68	\$10.75	\$20.03	\$0.00	\$72.46
5	90	\$46.89	\$10.75	\$20.03	\$0.00	\$77.67

Effective Date - 08/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$26.73	\$10.75	\$20.16	\$0.00	\$57.64
2	60	\$32.07	\$10.75	\$20.16	\$0.00	\$62.98
3	70	\$37.42	\$10.75	\$20.16	\$0.00	\$68.33
4	80	\$42.76	\$10.75	\$20.16	\$0.00	\$73.67
5	90	\$48.11	\$10.75	\$20.16	\$0.00	\$79.02

Notes:

Apprentice to Journeyworker Ratio:1:5

MECH. SWEEPER OPERATOR (ON CONST. SITES) <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/2018	\$34.54	\$11.19	\$13.44	\$0.00	\$59.17
	12/01/2018	\$35.14	\$11.19	\$13.71	\$0.00	\$60.04
	06/01/2019	\$35.65	\$11.19	\$13.98	\$0.00	\$60.82
	12/01/2019	\$36.25	\$11.19	\$14.25	\$0.00	\$61.69
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
MECHANIC/WELDER/BOOM TRUCK <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/2018	\$34.01	\$11.19	\$13.44	\$0.00	\$58.64
	12/01/2018	\$34.61	\$11.19	\$13.71	\$0.00	\$59.51
	06/01/2019	\$35.12	\$11.19	\$13.98	\$0.00	\$60.29
	12/01/2019	\$35.72	\$11.19	\$14.25	\$0.00	\$61.16
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
MILLWRIGHT (Zone 3) <i>MILLWRIGHTS LOCAL 1121 - Zone 3</i>	04/01/2018	\$35.46	\$9.90	\$18.50	\$0.00	\$63.86
	10/01/2018	\$36.29	\$9.90	\$18.50	\$0.00	\$64.69
	04/01/2019	\$37.11	\$9.90	\$18.50	\$0.00	\$65.51

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - MILLWRIGHT - Local 1121 Zone 3

Effective Date - 04/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$19.50	\$9.90	\$5.31	\$0.00	\$34.71
2	65	\$23.05	\$9.90	\$15.13	\$0.00	\$48.08
3	75	\$26.60	\$9.90	\$16.10	\$0.00	\$52.60
4	85	\$30.14	\$9.90	\$17.06	\$0.00	\$57.10

Notes:

Steps are 2,000 hours

Apprentice to Journeyworker Ratio:1:5

MORTAR MIXER	06/04/2018	\$31.25	\$7.70	\$13.29	\$0.00	\$52.24
<i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/03/2018	\$32.02	\$7.70	\$13.29	\$0.00	\$53.01
	06/03/2019	\$32.83	\$7.70	\$13.29	\$0.00	\$53.82
	12/02/2019	\$33.64	\$7.70	\$13.29	\$0.00	\$54.63

For apprentice rates see "Apprentice- LABORER"

OILER	06/01/2018	\$29.70	\$11.19	\$13.44	\$0.00	\$54.33
<i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2018	\$30.30	\$11.19	\$13.71	\$0.00	\$55.20
	06/01/2019	\$30.81	\$11.19	\$13.98	\$0.00	\$55.98
	12/01/2019	\$31.41	\$11.19	\$14.25	\$0.00	\$56.85

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

OTHER POWER DRIVEN EQUIPMENT - CLASS VI	06/01/2018	\$27.72	\$11.19	\$13.44	\$0.00	\$52.35
<i>OPERATING ENGINEERS LOCAL 98</i>	12/01/2018	\$28.32	\$11.19	\$13.71	\$0.00	\$53.22
	06/01/2019	\$28.83	\$11.19	\$13.98	\$0.00	\$54.00
	12/01/2019	\$29.43	\$11.19	\$14.25	\$0.00	\$54.87

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

PAINTER (BRIDGES/TANKS)	01/01/2018	\$49.66	\$8.10	\$19.55	\$0.00	\$77.31
<i>PAINTERS LOCAL 35 - ZONE 3</i>	07/01/2018	\$50.01	\$8.15	\$20.15	\$0.00	\$78.31
	01/01/2019	\$50.36	\$8.15	\$20.85	\$0.00	\$79.36
	07/01/2019	\$51.46	\$8.15	\$20.85	\$0.00	\$80.46
	01/01/2020	\$52.56	\$8.15	\$20.85	\$0.00	\$81.56
	07/01/2020	\$53.66	\$8.15	\$20.85	\$0.00	\$82.66
	01/01/2021	\$54.76	\$8.15	\$20.85	\$0.00	\$83.76

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - PAINTER Local 35 - BRIDGES/TANKS

Effective Date - 01/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.83	\$8.10	\$0.00	\$0.00	\$32.93
2	55	\$27.31	\$8.10	\$5.06	\$0.00	\$40.47
3	60	\$29.80	\$8.10	\$5.52	\$0.00	\$43.42
4	65	\$32.28	\$8.10	\$5.98	\$0.00	\$46.36
5	70	\$34.76	\$8.10	\$16.79	\$0.00	\$59.65
6	75	\$37.25	\$8.10	\$17.25	\$0.00	\$62.60
7	80	\$39.73	\$8.10	\$17.71	\$0.00	\$65.54
8	90	\$44.69	\$8.10	\$18.63	\$0.00	\$71.42

Effective Date - 07/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.01	\$8.15	\$0.00	\$0.00	\$33.16
2	55	\$27.51	\$8.15	\$5.34	\$0.00	\$41.00
3	60	\$30.01	\$8.15	\$5.82	\$0.00	\$43.98
4	65	\$32.51	\$8.15	\$6.31	\$0.00	\$46.97
5	70	\$35.01	\$8.15	\$17.24	\$0.00	\$60.40
6	75	\$37.51	\$8.15	\$17.73	\$0.00	\$63.39
7	80	\$40.01	\$8.15	\$18.21	\$0.00	\$66.37
8	90	\$45.01	\$8.15	\$19.18	\$0.00	\$72.34

Notes:
Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, NEW) *	01/01/2018	\$33.03	\$8.10	\$15.65	\$0.00	\$56.78
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 3	07/01/2018	\$33.38	\$8.15	\$16.25	\$0.00	\$57.78
	01/01/2019	\$33.73	\$8.15	\$16.95	\$0.00	\$58.83
	07/01/2019	\$34.83	\$8.15	\$16.95	\$0.00	\$59.93
	01/01/2020	\$35.93	\$8.15	\$16.95	\$0.00	\$61.03
	07/01/2020	\$37.03	\$8.15	\$16.95	\$0.00	\$62.13
	01/01/2021	\$38.13	\$8.15	\$16.95	\$0.00	\$63.23

Apprentice - PAINTER Local 35 Zone 3 - Spray/Sandblast - New

Effective Date - 01/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.52	\$8.10	\$0.00	\$0.00	\$24.62
2	55	\$18.17	\$8.10	\$2.92	\$0.00	\$29.19
3	60	\$19.82	\$8.10	\$3.18	\$0.00	\$31.10
4	65	\$21.47	\$8.10	\$3.45	\$0.00	\$33.02
5	70	\$23.12	\$8.10	\$14.06	\$0.00	\$45.28
6	75	\$24.77	\$8.10	\$14.33	\$0.00	\$47.20
7	80	\$26.42	\$8.10	\$14.59	\$0.00	\$49.11
8	90	\$29.73	\$8.10	\$15.12	\$0.00	\$52.95

Effective Date - 07/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.69	\$8.15	\$0.00	\$0.00	\$24.84
2	55	\$18.36	\$8.15	\$3.19	\$0.00	\$29.70
3	60	\$20.03	\$8.15	\$3.48	\$0.00	\$31.66
4	65	\$21.70	\$8.15	\$3.77	\$0.00	\$33.62
5	70	\$23.37	\$8.15	\$14.51	\$0.00	\$46.03
6	75	\$25.04	\$8.15	\$14.80	\$0.00	\$47.99
7	80	\$26.70	\$8.15	\$15.09	\$0.00	\$49.94
8	90	\$30.04	\$8.15	\$15.67	\$0.00	\$53.86

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, REPAINT)	01/01/2018	\$30.35	\$8.10	\$15.65	\$0.00	\$54.10
PAINTERS LOCAL 35 - ZONE 3	07/01/2018	\$30.70	\$8.15	\$16.25	\$0.00	\$55.10
	01/01/2019	\$31.05	\$8.15	\$16.95	\$0.00	\$56.15
	07/01/2019	\$32.15	\$8.15	\$16.95	\$0.00	\$57.25
	01/01/2020	\$33.25	\$8.15	\$16.95	\$0.00	\$58.35
	07/01/2020	\$34.35	\$8.15	\$16.95	\$0.00	\$59.45
	01/01/2021	\$35.45	\$8.15	\$16.95	\$0.00	\$60.55

Apprentice - PAINTER Local 35 Zone 3 - Spray/Sandblast - Repaint

Effective Date - 01/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$15.18	\$8.10	\$0.00	\$0.00	\$23.28
2	55	\$16.69	\$8.10	\$2.92	\$0.00	\$27.71
3	60	\$18.21	\$8.10	\$3.18	\$0.00	\$29.49
4	65	\$19.73	\$8.10	\$3.45	\$0.00	\$31.28
5	70	\$21.25	\$8.10	\$14.06	\$0.00	\$43.41
6	75	\$22.76	\$8.10	\$14.33	\$0.00	\$45.19
7	80	\$24.28	\$8.10	\$14.59	\$0.00	\$46.97
8	90	\$27.32	\$8.10	\$15.12	\$0.00	\$50.54

Effective Date - 07/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$15.35	\$8.15	\$0.00	\$0.00	\$23.50
2	55	\$16.89	\$8.15	\$3.19	\$0.00	\$28.23
3	60	\$18.42	\$8.15	\$3.48	\$0.00	\$30.05
4	65	\$19.96	\$8.15	\$3.77	\$0.00	\$31.88
5	70	\$21.49	\$8.15	\$14.51	\$0.00	\$44.15
6	75	\$23.03	\$8.15	\$14.80	\$0.00	\$45.98
7	80	\$24.56	\$8.15	\$15.09	\$0.00	\$47.80
8	90	\$27.63	\$8.15	\$15.67	\$0.00	\$51.45

Notes:
Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER / TAPER (BRUSH, NEW) *	01/01/2018	\$31.63	\$8.10	\$15.65	\$0.00	\$55.38
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 3	07/01/2018	\$31.98	\$8.15	\$16.25	\$0.00	\$56.38
	01/01/2019	\$32.33	\$8.15	\$16.95	\$0.00	\$57.43
	07/01/2019	\$34.43	\$8.15	\$16.95	\$0.00	\$59.53
	01/01/2020	\$34.53	\$8.15	\$16.95	\$0.00	\$59.63
	07/01/2020	\$35.63	\$8.15	\$16.95	\$0.00	\$60.73
	01/01/2021	\$36.73	\$8.15	\$16.95	\$0.00	\$61.83

Apprentice - PAINTER - Local 35 Zone 3 - BRUSH NEW

Effective Date - 01/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$15.82	\$8.10	\$0.00	\$0.00	\$23.92
2	55	\$17.40	\$8.10	\$2.92	\$0.00	\$28.42
3	60	\$18.98	\$8.10	\$3.18	\$0.00	\$30.26
4	65	\$20.56	\$8.10	\$3.45	\$0.00	\$32.11
5	70	\$22.14	\$8.10	\$14.06	\$0.00	\$44.30
6	75	\$23.72	\$8.10	\$14.33	\$0.00	\$46.15
7	80	\$25.30	\$8.10	\$14.59	\$0.00	\$47.99
8	90	\$28.47	\$8.10	\$15.12	\$0.00	\$51.69

Effective Date - 07/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$15.99	\$8.15	\$0.00	\$0.00	\$24.14
2	55	\$17.59	\$8.15	\$3.19	\$0.00	\$28.93
3	60	\$19.19	\$8.15	\$3.48	\$0.00	\$30.82
4	65	\$20.79	\$8.15	\$3.77	\$0.00	\$32.71
5	70	\$22.39	\$8.15	\$14.51	\$0.00	\$45.05
6	75	\$23.99	\$8.15	\$14.80	\$0.00	\$46.94
7	80	\$25.58	\$8.15	\$15.09	\$0.00	\$48.82
8	90	\$28.78	\$8.15	\$15.67	\$0.00	\$52.60

Notes:
Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER / TAPER (BRUSH, REPAINT)	01/01/2018	\$28.95	\$8.10	\$15.65	\$0.00	\$52.70
PAINTERS LOCAL 35 - ZONE 3	07/01/2018	\$29.30	\$8.15	\$16.25	\$0.00	\$53.70
	01/01/2019	\$29.65	\$8.15	\$16.95	\$0.00	\$54.75
	07/01/2019	\$30.81	\$8.15	\$16.95	\$0.00	\$55.91
	01/01/2020	\$31.85	\$8.15	\$16.95	\$0.00	\$56.95
	07/01/2020	\$32.95	\$8.15	\$16.95	\$0.00	\$58.05
	01/01/2021	\$34.05	\$8.15	\$16.95	\$0.00	\$59.15

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - PAINTER Local 35 Zone 3 - BRUSH REPAINT

Effective Date - 01/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$14.48	\$8.10	\$0.00	\$0.00	\$22.58
2	55	\$15.92	\$8.10	\$2.92	\$0.00	\$26.94
3	60	\$17.37	\$8.10	\$3.18	\$0.00	\$28.65
4	65	\$18.82	\$8.10	\$3.45	\$0.00	\$30.37
5	70	\$20.27	\$8.10	\$14.06	\$0.00	\$42.43
6	75	\$21.71	\$8.10	\$14.33	\$0.00	\$44.14
7	80	\$23.16	\$8.10	\$14.59	\$0.00	\$45.85
8	90	\$26.06	\$8.10	\$15.12	\$0.00	\$49.28

Effective Date - 07/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$14.65	\$8.15	\$0.00	\$0.00	\$22.80
2	55	\$16.12	\$8.15	\$3.19	\$0.00	\$27.46
3	60	\$17.58	\$8.15	\$3.48	\$0.00	\$29.21
4	65	\$19.05	\$8.15	\$3.77	\$0.00	\$30.97
5	70	\$20.51	\$8.15	\$14.51	\$0.00	\$43.17
6	75	\$21.98	\$8.15	\$14.80	\$0.00	\$44.93
7	80	\$23.44	\$8.15	\$15.09	\$0.00	\$46.68
8	90	\$26.37	\$8.15	\$15.67	\$0.00	\$50.19

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER TRAFFIC MARKINGS (HEAVY/HIGHWAY)	06/01/2018	\$31.00	\$7.70	\$11.28	\$0.00	\$49.98
LABORERS - ZONE 3 (HEAVY & HIGHWAY)	12/01/2018	\$31.76	\$7.70	\$11.28	\$0.00	\$50.74
	06/01/2019	\$32.55	\$7.70	\$11.28	\$0.00	\$51.53
	12/01/2019	\$33.34	\$7.70	\$11.28	\$0.00	\$52.32
	06/01/2020	\$34.15	\$7.70	\$11.28	\$0.00	\$53.13
	12/01/2020	\$34.96	\$7.70	\$11.28	\$0.00	\$53.94
	06/01/2021	\$35.80	\$7.70	\$11.28	\$0.00	\$54.78
	12/01/2021	\$36.63	\$7.70	\$11.28	\$0.00	\$55.61

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)

PANEL & PICKUP TRUCKS DRIVER	12/01/2012	\$30.28	\$9.07	\$8.00	\$0.00	\$47.35
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B						

PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK)	08/01/2017	\$39.42	\$9.90	\$21.15	\$0.00	\$70.47
PILE DRIVER LOCAL 56 (ZONE 3)	08/01/2018	\$41.57	\$9.90	\$21.15	\$0.00	\$72.62
	08/01/2019	\$43.79	\$9.90	\$21.15	\$0.00	\$74.84

For apprentice rates see "Apprentice- PILE DRIVER"

PILE DRIVER	08/01/2017	\$39.42	\$9.90	\$21.15	\$0.00	\$70.47
PILE DRIVER LOCAL 56 (ZONE 3)	08/01/2018	\$41.57	\$9.90	\$21.15	\$0.00	\$72.62
	08/01/2019	\$43.79	\$9.90	\$21.15	\$0.00	\$74.84

Apprentice - PILE DRIVER - Local 56 Zone 3

Effective Date - 08/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Notes: Apprentice wages shall be no less than the following Steps;
 (Same as set in Zone 1)
 1\$53.19/2\$57.61/3\$62.04/4\$64.25/5\$66.47/6\$66.47/7\$70.89/8\$70.89

Apprentice to Journeyworker Ratio:1:5

PIPELAYER	06/04/2018	\$31.25	\$7.70	\$13.29	\$0.00	\$52.24
<i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	12/03/2018	\$32.02	\$7.70	\$13.29	\$0.00	\$53.01
	06/03/2019	\$32.83	\$7.70	\$13.29	\$0.00	\$53.82
	12/02/2019	\$33.64	\$7.70	\$13.29	\$0.00	\$54.63

For apprentice rates see "Apprentice- LABORER"

PIPELAYER (HEAVY & HIGHWAY)	06/01/2018	\$31.25	\$7.70	\$11.28	\$0.00	\$50.23
<i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	12/01/2018	\$32.01	\$7.70	\$11.28	\$0.00	\$50.99
	06/01/2019	\$32.80	\$7.70	\$11.28	\$0.00	\$51.78
	12/01/2019	\$33.59	\$7.70	\$11.28	\$0.00	\$52.57
	06/01/2020	\$34.40	\$7.70	\$11.28	\$0.00	\$53.38
	12/01/2020	\$35.21	\$7.70	\$11.28	\$0.00	\$54.19
	06/01/2021	\$36.05	\$7.70	\$11.28	\$0.00	\$55.03
	12/01/2021	\$36.88	\$7.70	\$11.28	\$0.00	\$55.86

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

PLUMBER & PIPEFITTER	03/17/2018	\$39.51	\$8.50	\$15.80	\$0.00	\$63.81
<i>PLUMBERS & PIPEFITTERS LOCAL 104</i>	09/17/2018	\$40.26	\$8.50	\$15.80	\$0.00	\$64.56
	03/17/2019	\$41.01	\$8.50	\$15.80	\$0.00	\$65.31

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - PLUMBER/PIPEFITTER - Local 104

Effective Date - 03/17/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$17.78	\$8.50	\$9.30	\$0.00	\$35.58
2	50	\$19.76	\$8.50	\$9.30	\$0.00	\$37.56
3	55	\$21.73	\$8.50	\$9.30	\$0.00	\$39.53
4	60	\$23.71	\$8.50	\$9.30	\$0.00	\$41.51
5	65	\$25.68	\$8.50	\$9.30	\$0.00	\$43.48
6	70	\$27.66	\$8.50	\$9.30	\$0.00	\$45.46
7	75	\$29.63	\$8.50	\$9.30	\$0.00	\$47.43
8	80	\$31.61	\$8.50	\$9.30	\$0.00	\$49.41
9	80	\$31.61	\$8.50	\$15.80	\$0.00	\$55.91
10	80	\$31.61	\$8.50	\$15.80	\$0.00	\$55.91

Effective Date - 09/17/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$18.12	\$8.50	\$9.30	\$0.00	\$35.92
2	50	\$20.13	\$8.50	\$9.30	\$0.00	\$37.93
3	55	\$22.14	\$8.50	\$9.30	\$0.00	\$39.94
4	60	\$24.16	\$8.50	\$9.30	\$0.00	\$41.96
5	65	\$26.17	\$8.50	\$9.30	\$0.00	\$43.97
6	70	\$28.18	\$8.50	\$9.30	\$0.00	\$45.98
7	75	\$30.20	\$8.50	\$9.30	\$0.00	\$48.00
8	80	\$32.21	\$8.50	\$9.30	\$0.00	\$50.01
9	80	\$32.21	\$8.50	\$15.80	\$0.00	\$56.51
10	80	\$32.21	\$8.50	\$15.80	\$0.00	\$56.51

Notes: **1:1,2:5,3:9,4:12

Apprentice to Journeyworker Ratio:**

PNEUMATIC CONTROLS (TEMP.) <i>PLUMBERS & PIPEFITTERS LOCAL 104</i>	03/17/2018	\$39.51	\$8.50	\$15.80	\$0.00	\$63.81
	09/17/2018	\$40.26	\$8.50	\$15.80	\$0.00	\$64.56
	03/17/2019	\$41.01	\$8.50	\$15.80	\$0.00	\$65.31

For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"

PNEUMATIC DRILL/TOOL OPERATOR (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	06/01/2018	\$31.25	\$7.70	\$11.28	\$0.00	\$50.23
	12/01/2018	\$32.01	\$7.70	\$11.28	\$0.00	\$50.99
	06/01/2019	\$32.80	\$7.70	\$11.28	\$0.00	\$51.78
	12/01/2019	\$33.59	\$7.70	\$11.28	\$0.00	\$52.57
	06/01/2020	\$34.40	\$7.70	\$11.28	\$0.00	\$53.38
	12/01/2020	\$35.21	\$7.70	\$11.28	\$0.00	\$54.19
	06/01/2021	\$36.05	\$7.70	\$11.28	\$0.00	\$55.03
	12/01/2021	\$36.88	\$7.70	\$11.28	\$0.00	\$55.86

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
POWDERMAN & BLASTER <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$32.00	\$7.70	\$13.29	\$0.00	\$52.99
	12/03/2018	\$32.77	\$7.70	\$13.29	\$0.00	\$53.76
	06/03/2019	\$33.58	\$7.70	\$13.29	\$0.00	\$54.57
	12/02/2019	\$34.39	\$7.70	\$13.29	\$0.00	\$55.38
For apprentice rates see "Apprentice- LABORER"						
POWDERMAN & BLASTER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	06/01/2018	\$32.00	\$7.70	\$11.28	\$0.00	\$50.98
	12/01/2018	\$32.76	\$7.70	\$11.28	\$0.00	\$51.74
	06/01/2019	\$33.55	\$7.70	\$11.28	\$0.00	\$52.53
	12/01/2019	\$34.34	\$7.70	\$11.28	\$0.00	\$53.32
	06/01/2020	\$35.15	\$7.70	\$11.28	\$0.00	\$54.13
	12/01/2020	\$35.96	\$7.70	\$11.28	\$0.00	\$54.94
	06/01/2021	\$36.80	\$7.70	\$11.28	\$0.00	\$55.78
12/01/2021	\$37.63	\$7.70	\$11.28	\$0.00	\$56.61	
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
PUMP OPERATOR (CONCRETE) <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/2018	\$34.54	\$11.19	\$13.44	\$0.00	\$59.17
	12/01/2018	\$35.14	\$11.19	\$13.71	\$0.00	\$60.04
	06/01/2019	\$35.65	\$11.19	\$13.98	\$0.00	\$60.82
	12/01/2019	\$36.25	\$11.19	\$14.25	\$0.00	\$61.69
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PUMP OPERATOR (DEWATERING, OTHER) <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/2018	\$34.01	\$11.19	\$13.44	\$0.00	\$58.64
	12/01/2018	\$34.61	\$11.19	\$13.71	\$0.00	\$59.51
	06/01/2019	\$35.12	\$11.19	\$13.98	\$0.00	\$60.29
	12/01/2019	\$35.72	\$11.19	\$14.25	\$0.00	\$61.16
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
READY-MIX CONCRETE DRIVER <i>TEAMSTERS LOCAL 404</i>	05/01/2016	\$21.01	\$10.23	\$9.40	\$0.00	\$40.64
RIDE-ON MOTORIZED BUGGY OPERATOR <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.25	\$7.70	\$13.29	\$0.00	\$52.24
	12/03/2018	\$32.02	\$7.70	\$13.29	\$0.00	\$53.01
	06/03/2019	\$32.83	\$7.70	\$13.29	\$0.00	\$53.82
	12/02/2019	\$33.64	\$7.70	\$13.29	\$0.00	\$54.63
For apprentice rates see "Apprentice- LABORER"						
ROLLER OPERATOR <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/2018	\$33.40	\$11.19	\$13.44	\$0.00	\$58.03
	12/01/2018	\$34.00	\$11.19	\$13.71	\$0.00	\$58.90
	06/01/2019	\$34.51	\$11.19	\$13.98	\$0.00	\$59.68
	12/01/2019	\$35.11	\$11.19	\$14.25	\$0.00	\$60.55
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
ROOFER (Coal tar pitch) <i>ROOFERS LOCAL 248</i>	07/16/2017	\$32.25	\$10.00	\$13.91	\$0.00	\$56.16
	07/16/2018	\$33.65	\$10.00	\$14.01	\$0.00	\$57.66
	07/16/2019	\$35.30	\$10.00	\$14.11	\$0.00	\$59.41
For apprentice rates see "Apprentice- ROOFER"						
ROOFER (Inc.Roofers Waterproofing &Roofers Damproofg) <i>ROOFERS LOCAL 248</i>	07/16/2017	\$31.75	\$10.00	\$13.41	\$0.00	\$55.16
	07/16/2018	\$33.15	\$10.00	\$13.51	\$0.00	\$56.66
	07/16/2019	\$34.80	\$10.00	\$13.61	\$0.00	\$58.41

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - ROOFER - Local 248

Effective Date - 07/16/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$19.05	\$10.00	\$0.00	\$0.00	\$29.05
2	65	\$20.64	\$10.00	\$13.41	\$0.00	\$44.05
3	70	\$22.23	\$10.00	\$13.41	\$0.00	\$45.64
4	75	\$23.81	\$10.00	\$13.41	\$0.00	\$47.22
5	80	\$25.40	\$10.00	\$13.41	\$0.00	\$48.81
6	85	\$26.99	\$10.00	\$13.41	\$0.00	\$50.40
7	90	\$28.58	\$10.00	\$13.41	\$0.00	\$51.99
8	95	\$30.16	\$10.00	\$13.41	\$0.00	\$53.57

Effective Date - 07/16/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$19.89	\$10.00	\$0.00	\$0.00	\$29.89
2	65	\$21.55	\$10.00	\$13.51	\$0.00	\$45.06
3	70	\$23.21	\$10.00	\$13.51	\$0.00	\$46.72
4	75	\$24.86	\$10.00	\$13.51	\$0.00	\$48.37
5	80	\$26.52	\$10.00	\$13.51	\$0.00	\$50.03
6	85	\$28.18	\$10.00	\$13.51	\$0.00	\$51.69
7	90	\$29.84	\$10.00	\$13.51	\$0.00	\$53.35
8	95	\$31.49	\$10.00	\$13.51	\$0.00	\$55.00

Notes:
Steps are 750 hrs.Roofer(Tear Off)1:1; Same as above

Apprentice to Journeyworker Ratio:1:3

ROOFER SLATE / TILE / PRECAST CONCRETE <i>ROOFERS LOCAL 248</i>	07/16/2017	\$32.25	\$10.00	\$13.91	\$0.00	\$56.16
	07/16/2018	\$33.65	\$10.00	\$14.01	\$0.00	\$57.66
	07/16/2019	\$35.30	\$10.00	\$14.11	\$0.00	\$59.41

For apprentice rates see "Apprentice- ROOFER"

SCRAPER <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/2018	\$34.01	\$11.19	\$13.44	\$0.00	\$58.64
	12/01/2018	\$34.61	\$11.19	\$13.71	\$0.00	\$59.51
	06/01/2019	\$35.12	\$11.19	\$13.98	\$0.00	\$60.29
	12/01/2019	\$35.72	\$11.19	\$14.25	\$0.00	\$61.16

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

SELF-POWERED ROLLERS AND COMPACTORS (TAMPERS) <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/2018	\$33.40	\$11.19	\$13.44	\$0.00	\$58.03
	12/01/2018	\$34.00	\$11.19	\$13.71	\$0.00	\$58.90
	06/01/2019	\$34.51	\$11.19	\$13.98	\$0.00	\$59.68
	12/01/2019	\$35.11	\$11.19	\$14.25	\$0.00	\$60.55

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

SELF-PROPELLED POWER BROOM <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/2018	\$30.78	\$11.19	\$13.44	\$0.00	\$55.41
	12/01/2018	\$31.38	\$11.19	\$13.71	\$0.00	\$56.28
	06/01/2019	\$31.89	\$11.19	\$13.98	\$0.00	\$57.06
	12/01/2019	\$32.49	\$11.19	\$14.25	\$0.00	\$57.93

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
SHEETMETAL WORKER	01/01/2018	\$32.99	\$10.64	\$16.22	\$1.77	\$61.62
SHEETMETAL WORKERS LOCAL 63	07/01/2018	\$33.74	\$10.64	\$16.22	\$1.77	\$62.37
	01/01/2019	\$34.74	\$10.64	\$16.22	\$1.77	\$63.37
	07/01/2019	\$35.74	\$10.64	\$16.22	\$1.77	\$64.37
	01/01/2020	\$36.99	\$10.64	\$16.22	\$1.77	\$65.62

Apprentice - SHEET METAL WORKER - Local 63

Effective Date - 01/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$14.85	\$6.21	\$4.67	\$0.00	\$25.73
2	50	\$16.50	\$6.55	\$5.19	\$0.00	\$28.24
3	55	\$18.14	\$6.88	\$9.33	\$1.03	\$35.38
4	60	\$19.79	\$7.22	\$9.33	\$1.09	\$37.43
5	65	\$21.44	\$7.55	\$9.33	\$1.15	\$39.47
6	70	\$23.09	\$7.88	\$9.33	\$1.21	\$41.51
7	75	\$24.74	\$8.22	\$9.33	\$1.27	\$43.56
8	80	\$26.39	\$9.30	\$15.18	\$1.53	\$52.40
9	85	\$28.04	\$9.64	\$15.18	\$1.59	\$54.45
10	90	\$29.69	\$9.98	\$15.18	\$1.65	\$56.50

Effective Date - 07/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$15.18	\$6.21	\$4.67	\$0.00	\$26.06
2	50	\$16.87	\$6.55	\$5.19	\$0.00	\$28.61
3	55	\$18.56	\$6.88	\$9.33	\$1.04	\$35.81
4	60	\$20.24	\$7.22	\$9.33	\$1.10	\$37.89
5	65	\$21.93	\$7.55	\$9.33	\$1.16	\$39.97
6	70	\$23.62	\$7.88	\$9.33	\$1.22	\$42.05
7	75	\$25.31	\$8.22	\$9.33	\$1.29	\$44.15
8	80	\$26.99	\$9.30	\$15.18	\$1.54	\$53.01
9	85	\$28.68	\$9.64	\$15.18	\$1.61	\$55.11
10	90	\$30.37	\$9.98	\$15.18	\$1.67	\$57.20

Notes:

Apprentice to Journeyworker Ratio:1:3

SIGN ERECTOR	06/01/2013	\$25.81	\$7.07	\$7.05	\$0.00	\$39.93
PAINTERS LOCAL 35 - ZONE 3						

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - SIGN ERECTOR - Local 35 Zone 3

Effective Date - 06/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$12.91	\$7.07	\$0.00	\$0.00	\$19.98
2	55	\$14.20	\$7.07	\$2.45	\$0.00	\$23.72
3	60	\$15.49	\$7.07	\$2.45	\$0.00	\$25.01
4	65	\$16.78	\$7.07	\$2.45	\$0.00	\$26.30
5	70	\$18.07	\$7.07	\$7.05	\$0.00	\$32.19
6	75	\$19.36	\$7.07	\$7.05	\$0.00	\$33.48
7	80	\$20.65	\$7.07	\$7.05	\$0.00	\$34.77
8	85	\$21.94	\$7.07	\$7.05	\$0.00	\$36.06
9	90	\$23.23	\$7.07	\$7.05	\$0.00	\$37.35

Notes:
Steps are 4 mos.

Apprentice to Journeyworker Ratio:1:1

SPECIALIZED EARTH MOVING EQUIP < 35 TONS <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2016	\$32.44	\$10.91	\$10.89	\$0.00	\$54.24
SPECIALIZED EARTH MOVING EQUIP > 35 TONS <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2016	\$32.73	\$10.91	\$10.89	\$0.00	\$54.53
SPRINKLER FITTER <i>SPRINKLER FITTERS LOCAL 669</i>	04/01/2018	\$41.51	\$9.67	\$12.88	\$0.00	\$64.06
	01/01/2019	\$41.51	\$10.02	\$13.08	\$0.00	\$64.61

Apprentice - SPRINKLER FITTER - Local 669

Effective Date - 04/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$18.68	\$7.75	\$0.00	\$0.00	\$26.43
2	50	\$20.76	\$7.75	\$0.00	\$0.00	\$28.51
3	55	\$22.83	\$9.67	\$7.05	\$0.00	\$39.55
4	60	\$24.91	\$9.67	\$7.05	\$0.00	\$41.63
5	65	\$26.98	\$9.67	\$7.30	\$0.00	\$43.95
6	70	\$29.06	\$9.67	\$7.30	\$0.00	\$46.03
7	75	\$31.13	\$9.67	\$7.30	\$0.00	\$48.10
8	80	\$33.21	\$9.67	\$7.30	\$0.00	\$50.18
9	85	\$35.28	\$9.67	\$7.30	\$0.00	\$52.25
10	90	\$37.36	\$9.67	\$7.30	\$0.00	\$54.33

Effective Date - 01/01/2019

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$18.68	\$7.75	\$0.00	\$0.00	\$26.43
2	50	\$20.76	\$7.75	\$0.00	\$0.00	\$28.51
3	55	\$22.83	\$10.02	\$7.25	\$0.00	\$40.10
4	60	\$24.91	\$10.02	\$7.25	\$0.00	\$42.18
5	65	\$26.98	\$10.02	\$7.50	\$0.00	\$44.50
6	70	\$29.06	\$10.02	\$7.50	\$0.00	\$46.58
7	75	\$31.13	\$10.02	\$7.50	\$0.00	\$48.65
8	80	\$33.21	\$10.02	\$7.50	\$0.00	\$50.73
9	85	\$35.28	\$10.02	\$7.50	\$0.00	\$52.80
10	90	\$37.36	\$10.02	\$7.50	\$0.00	\$54.88

Notes:

Apprentice to Journeyworker Ratio:1:1

TELECOMMUNICATION TECHNICIAN	12/31/2017	\$40.51	\$10.00	\$11.42	\$0.00	\$61.93
ELECTRICIANS LOCAL 7	07/01/2018	\$41.21	\$10.25	\$11.74	\$0.00	\$63.20
	12/30/2018	\$41.91	\$10.50	\$12.06	\$0.00	\$64.47
	06/30/2019	\$42.66	\$10.75	\$12.33	\$0.00	\$65.74
	12/29/2019	\$43.41	\$11.00	\$12.60	\$0.00	\$67.01

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - TELECOMMUNICATION TECHNICIAN - Local 7

Effective Date - 12/31/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$16.20	\$5.40	\$0.49	\$0.00	\$22.09
2	45	\$18.23	\$5.40	\$0.55	\$0.00	\$24.18
3	50	\$20.26	\$10.00	\$6.91	\$0.00	\$37.17
4	55	\$22.28	\$10.00	\$6.97	\$0.00	\$39.25
5	65	\$26.33	\$10.00	\$8.09	\$0.00	\$44.42
6	70	\$28.36	\$10.00	\$9.15	\$0.00	\$47.51

Effective Date - 07/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$16.48	\$5.55	\$0.49	\$0.00	\$22.52
2	45	\$18.54	\$5.55	\$0.56	\$0.00	\$24.65
3	50	\$20.61	\$10.25	\$6.92	\$0.00	\$37.78
4	55	\$22.67	\$10.25	\$6.98	\$0.00	\$39.90
5	65	\$26.79	\$10.25	\$8.10	\$0.00	\$45.14
6	70	\$28.85	\$10.25	\$9.17	\$0.00	\$48.27

Notes:

Steps are 800 hours

Apprentice to Journeyworker Ratio:1:1

TERRAZZO FINISHERS	02/01/2018	\$51.00	\$10.75	\$20.03	\$0.00	\$81.78
BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE	08/01/2018	\$52.35	\$10.75	\$20.16	\$0.00	\$83.26
	02/01/2019	\$52.99	\$10.75	\$20.16	\$0.00	\$83.90
	08/01/2019	\$54.34	\$10.75	\$20.30	\$0.00	\$85.39
	02/01/2020	\$54.98	\$10.75	\$20.30	\$0.00	\$86.03
	08/01/2020	\$56.33	\$10.75	\$20.45	\$0.00	\$87.53
	02/01/2021	\$56.97	\$10.75	\$20.45	\$0.00	\$88.17
	08/01/2021	\$58.37	\$10.75	\$20.61	\$0.00	\$89.73
	02/01/2022	\$58.96	\$10.75	\$20.61	\$0.00	\$90.32

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - TERRAZZO FINISHER-Local 3 Marble/Tile (Spr/Ptt)

Effective Date - 02/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.50	\$10.75	\$20.03	\$0.00	\$56.28
2	60	\$30.60	\$10.75	\$20.03	\$0.00	\$61.38
3	70	\$35.70	\$10.75	\$20.03	\$0.00	\$66.48
4	80	\$40.80	\$10.75	\$20.03	\$0.00	\$71.58
5	90	\$45.90	\$10.75	\$20.03	\$0.00	\$76.68

Effective Date - 08/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$26.18	\$10.75	\$20.16	\$0.00	\$57.09
2	60	\$31.41	\$10.75	\$20.16	\$0.00	\$62.32
3	70	\$36.65	\$10.75	\$20.16	\$0.00	\$67.56
4	80	\$41.88	\$10.75	\$20.16	\$0.00	\$72.79
5	90	\$47.12	\$10.75	\$20.16	\$0.00	\$78.03

Notes:

Apprentice to Journeyworker Ratio:1:5

TEST BORING DRILLER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2018	\$39.35	\$7.70	\$15.40	\$0.00	\$62.45
	12/01/2018	\$40.30	\$7.70	\$15.40	\$0.00	\$63.40
	06/01/2019	\$41.30	\$7.70	\$15.40	\$0.00	\$64.40
	12/01/2019	\$42.30	\$7.70	\$15.40	\$0.00	\$65.40
	06/01/2020	\$43.29	\$7.70	\$15.40	\$0.00	\$66.39
	12/01/2020	\$44.27	\$7.70	\$15.40	\$0.00	\$67.37
	06/01/2021	\$45.29	\$7.70	\$15.40	\$0.00	\$68.39
	12/01/2021	\$46.30	\$7.70	\$15.40	\$0.00	\$69.40

For apprentice rates see "Apprentice- LABORER"

TEST BORING DRILLER HELPER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2018	\$38.07	\$7.70	\$15.40	\$0.00	\$61.17
	12/01/2018	\$39.02	\$7.70	\$15.40	\$0.00	\$62.12
	06/01/2019	\$40.02	\$7.70	\$15.40	\$0.00	\$63.12
	12/01/2019	\$41.02	\$7.70	\$15.40	\$0.00	\$64.12
	06/01/2020	\$42.01	\$7.70	\$15.40	\$0.00	\$65.11
	12/01/2020	\$42.99	\$7.70	\$15.40	\$0.00	\$66.09
	06/01/2021	\$44.01	\$7.70	\$15.40	\$0.00	\$67.11
	12/01/2021	\$45.02	\$7.70	\$15.40	\$0.00	\$68.12

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TEST BORING LABORER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2018	\$37.95	\$7.70	\$15.40	\$0.00	\$61.05
	12/01/2018	\$38.90	\$7.70	\$15.40	\$0.00	\$62.00
	06/01/2019	\$39.90	\$7.70	\$15.40	\$0.00	\$63.00
	12/01/2019	\$40.90	\$7.70	\$15.40	\$0.00	\$64.00
	06/01/2020	\$41.89	\$7.70	\$15.40	\$0.00	\$64.99
	12/01/2020	\$42.87	\$7.70	\$15.40	\$0.00	\$65.97
	06/01/2021	\$43.89	\$7.70	\$15.40	\$0.00	\$66.99
	12/01/2021	\$44.90	\$7.70	\$15.40	\$0.00	\$68.00
For apprentice rates see "Apprentice- LABORER"						
TRACTORS <i>OPERATING ENGINEERS LOCAL 98</i>	06/01/2018	\$33.40	\$11.19	\$13.44	\$0.00	\$58.03
	12/01/2018	\$34.00	\$11.19	\$13.71	\$0.00	\$58.90
	06/01/2019	\$34.51	\$11.19	\$13.98	\$0.00	\$59.68
	12/01/2019	\$35.11	\$11.19	\$14.25	\$0.00	\$60.55
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
TRAILERS FOR EARTH MOVING EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2016	\$33.02	\$10.91	\$10.89	\$0.00	\$54.82
TUNNEL WORK - COMPRESSED AIR <i>LABORERS (COMPRESSED AIR)</i>	06/01/2018	\$50.23	\$7.70	\$15.80	\$0.00	\$73.73
	12/01/2018	\$51.18	\$7.70	\$15.80	\$0.00	\$74.68
	06/01/2019	\$52.18	\$7.70	\$15.80	\$0.00	\$75.68
	12/01/2019	\$53.18	\$7.70	\$15.80	\$0.00	\$76.68
	06/01/2020	\$54.17	\$7.70	\$15.80	\$0.00	\$77.67
	12/01/2020	\$55.15	\$7.70	\$15.80	\$0.00	\$78.65
	06/01/2021	\$56.17	\$7.70	\$15.80	\$0.00	\$79.67
	12/01/2021	\$57.18	\$7.70	\$15.80	\$0.00	\$80.68
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) <i>LABORERS (COMPRESSED AIR)</i>	06/01/2018	\$52.23	\$7.70	\$15.80	\$0.00	\$75.73
	12/01/2018	\$53.18	\$7.70	\$15.80	\$0.00	\$76.68
	06/01/2019	\$54.18	\$7.70	\$15.80	\$0.00	\$77.68
	12/01/2019	\$55.18	\$7.70	\$15.80	\$0.00	\$78.68
	06/01/2020	\$56.17	\$7.70	\$15.80	\$0.00	\$79.67
	12/01/2020	\$57.15	\$7.70	\$15.80	\$0.00	\$80.65
	06/01/2021	\$58.17	\$7.70	\$15.80	\$0.00	\$81.67
	12/01/2021	\$59.18	\$7.70	\$15.80	\$0.00	\$82.68
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR <i>LABORERS (FREE AIR TUNNEL)</i>	06/01/2018	\$42.30	\$7.70	\$15.80	\$0.00	\$65.80
	12/01/2018	\$43.25	\$7.70	\$15.80	\$0.00	\$66.75
	06/01/2019	\$44.25	\$7.70	\$15.80	\$0.00	\$67.75
	12/01/2019	\$45.25	\$7.70	\$15.80	\$0.00	\$68.75
	06/01/2020	\$46.24	\$7.70	\$15.80	\$0.00	\$69.74
	12/01/2020	\$47.22	\$7.70	\$15.80	\$0.00	\$70.72
	06/01/2021	\$48.24	\$7.70	\$15.80	\$0.00	\$71.74
	12/01/2021	\$49.25	\$7.70	\$15.80	\$0.00	\$72.75
For apprentice rates see "Apprentice- LABORER"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TUNNEL WORK - FREE AIR (HAZ. WASTE) <i>LABORERS (FREE AIR TUNNEL)</i>	06/01/2018	\$44.30	\$7.70	\$15.80	\$0.00	\$67.80
	12/01/2018	\$45.25	\$7.70	\$15.80	\$0.00	\$68.75
	06/01/2019	\$46.25	\$7.70	\$15.80	\$0.00	\$69.75
	12/01/2019	\$47.25	\$7.70	\$15.80	\$0.00	\$70.75
	06/01/2020	\$48.24	\$7.70	\$15.80	\$0.00	\$71.74
	12/01/2020	\$49.22	\$7.70	\$15.80	\$0.00	\$72.72
	06/01/2021	\$50.24	\$7.70	\$15.80	\$0.00	\$73.74
	12/01/2021	\$51.25	\$7.70	\$15.80	\$0.00	\$74.75
For apprentice rates see "Apprentice- LABORER"						
VAC-HAUL <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2016	\$32.44	\$10.91	\$10.89	\$0.00	\$54.24
WAGON DRILL OPERATOR <i>LABORERS - ZONE 3 (BUILDING & SITE)</i>	06/04/2018	\$31.25	\$7.70	\$13.29	\$0.00	\$52.24
	12/03/2018	\$32.02	\$7.70	\$13.29	\$0.00	\$53.01
	06/03/2019	\$32.83	\$7.70	\$13.29	\$0.00	\$53.82
	12/02/2019	\$33.64	\$7.70	\$13.29	\$0.00	\$54.63
For apprentice rates see "Apprentice- LABORER"						
WAGON DRILL OPERATOR (HEAVY & HIGHWAY) <i>LABORERS - ZONE 3 (HEAVY & HIGHWAY)</i>	06/01/2018	\$31.25	\$7.70	\$11.28	\$0.00	\$50.23
	12/01/2018	\$32.01	\$7.70	\$11.28	\$0.00	\$50.99
	06/01/2019	\$32.80	\$7.70	\$11.28	\$0.00	\$51.78
	12/01/2019	\$33.59	\$7.70	\$11.28	\$0.00	\$52.57
	06/01/2020	\$34.40	\$7.70	\$11.28	\$0.00	\$53.38
	12/01/2020	\$35.21	\$7.70	\$11.28	\$0.00	\$54.19
	06/01/2021	\$36.05	\$7.70	\$11.28	\$0.00	\$55.03
12/01/2021	\$36.88	\$7.70	\$11.28	\$0.00	\$55.86	
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
WATER METER INSTALLER <i>PLUMBERS & PIPEFITTERS LOCAL 104</i>	03/17/2018	\$39.51	\$8.50	\$15.80	\$0.00	\$63.81
	09/17/2018	\$40.26	\$8.50	\$15.80	\$0.00	\$64.56
	03/17/2019	\$41.01	\$8.50	\$15.80	\$0.00	\$65.31
For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/GASFITTER"						
Outside Electrical - West						
EQUIPMENT OPERATOR <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	09/03/2017	\$39.92	\$8.00	\$12.41	\$0.00	\$60.33
	09/02/2018	\$42.26	\$8.00	\$12.50	\$0.00	\$62.76
	09/01/2019	\$44.67	\$8.00	\$12.55	\$0.00	\$65.22
For apprentice rates see "Apprentice- LINEMAN"						
GROUNDMAN <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	09/03/2017	\$25.83	\$8.00	\$5.33	\$0.00	\$39.16
	09/02/2018	\$28.17	\$8.00	\$5.41	\$0.00	\$41.58
	09/01/2019	\$30.58	\$8.00	\$5.48	\$0.00	\$44.06
For apprentice rates see "Apprentice- LINEMAN"						
GROUNDMAN / TRUCK DRIVER <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	09/03/2017	\$35.22	\$8.00	\$10.82	\$0.00	\$54.04
	09/02/2018	\$37.56	\$8.00	\$10.89	\$0.00	\$56.45
	09/01/2019	\$39.97	\$8.00	\$10.96	\$0.00	\$58.93
For apprentice rates see "Apprentice- LINEMAN"						
HEAVY EQUIPMENT OPERATOR <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	09/03/2017	\$42.26	\$8.00	\$13.08	\$0.00	\$63.34
	09/02/2018	\$44.60	\$8.00	\$13.15	\$0.00	\$65.75
	09/01/2019	\$47.01	\$8.00	\$13.22	\$0.00	\$68.23
For apprentice rates see "Apprentice- LINEMAN"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
JOURNEYMAN LINEMAN <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	09/03/2017	\$46.96	\$8.00	\$15.41	\$0.00	\$70.37
	09/02/2018	\$49.30	\$8.00	\$15.48	\$0.00	\$72.78
	09/01/2019	\$51.71	\$8.00	\$15.55	\$0.00	\$75.26

Apprentice - LINEMAN (Outside Electrical) - West Local 42

Effective Date - 09/03/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$28.18	\$8.00	\$3.35	\$0.00	\$39.53
2	65	\$30.52	\$8.00	\$3.42	\$0.00	\$41.94
3	70	\$32.87	\$8.00	\$3.49	\$0.00	\$44.36
4	75	\$35.22	\$8.00	\$5.06	\$0.00	\$48.28
5	80	\$37.57	\$8.00	\$5.13	\$0.00	\$50.70
6	85	\$39.92	\$8.00	\$5.20	\$0.00	\$53.12
7	90	\$42.26	\$8.00	\$7.28	\$0.00	\$57.54

Effective Date - 09/02/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$29.58	\$8.00	\$3.39	\$0.00	\$40.97
2	65	\$32.05	\$8.00	\$3.46	\$0.00	\$43.51
3	70	\$34.51	\$8.00	\$3.54	\$0.00	\$46.05
4	75	\$36.98	\$8.00	\$5.11	\$0.00	\$50.09
5	80	\$39.44	\$8.00	\$5.18	\$0.00	\$52.62
6	85	\$41.91	\$8.00	\$5.26	\$0.00	\$55.17
7	90	\$44.37	\$8.00	\$7.33	\$0.00	\$59.70

Notes:

Apprentice to Journeyworker Ratio:1:2

TELEDATA CABLE SPLICER <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	02/05/2018	\$29.98	\$4.70	\$3.15	\$0.00	\$37.83
	02/04/2019	\$30.73	\$4.70	\$3.17	\$0.00	\$38.60
TELEDATA LINEMAN/EQUIPMENT OPERATOR <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	02/05/2018	\$28.22	\$4.70	\$3.10	\$0.00	\$36.02
	02/04/2019	\$28.93	\$4.70	\$3.14	\$0.00	\$36.77
TELEDATA WIREMAN/INSTALLER/TECHNICIAN <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	02/05/2018	\$28.22	\$4.70	\$3.10	\$0.00	\$36.02
	02/04/2019	\$28.93	\$4.70	\$3.14	\$0.00	\$36.77
TRACTOR-TRAILER DRIVER <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	09/03/2017	\$39.92	\$8.00	\$12.41	\$0.00	\$60.33
	09/02/2018	\$42.26	\$8.00	\$12.50	\$0.00	\$62.76
	09/01/2019	\$44.67	\$8.00	\$12.55	\$0.00	\$65.22
TREE TRIMMER <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	01/31/2016	\$18.51	\$3.55	\$0.00	\$0.00	\$22.06

This classification applies only to tree work done: (a) for a utility company, R.E.A. cooperative, or railroad or coal mining company, and (b) for the purpose of operating, maintaining, or repairing the utility company's equipment, and (c) by a person who is using hand or mechanical cutting methods and is not on the ground.

This classification does not apply to wholesale tree removal.

TREE TRIMMER GROUNDMAN <i>OUTSIDE ELECTRICAL WORKERS - WEST LOCAL 42</i>	01/31/2016	\$16.32	\$3.55	\$0.00	\$0.00	\$19.87
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This classification applies only to tree work done: (a) for a utility company, R.E.A. cooperative, or railroad or coal mining company, and (b) for the purpose of operating, maintaining, or repairing the utility company's equipment, and (c) by a person who is using hand or mechanical cutting methods and is on the ground. This classification does not apply to wholesale tree removal.

Additional Apprentices Information:

Minimum wage rates for apprentices employed on public works projects are listed above as a percentage of the pre-determined hourly wage rate established by the Commissioner under the provisions of the M.G.L. c. 149, ss. 26-27D. Apprentices ratios are established by the Division of Apprenticeship Training pursuant to M.G.L. c. 23, ss. 11E-11L.

All apprentices must be registered with the Division of Apprenticeship Training in accordance with M.G.L. c. 23, ss. 11E-11L.

All steps are six months (1000 hours.)

Ratios are expressed in allowable number of apprentices to journeymen or fraction thereof, unless otherwise specified.

** Multiple ratios are listed in the comment field.

*** APP to JM; 1:1, 2:2, 2:3, 3:4, 4:4, 4:5, 4:6, 5:7, 6:7, 6:8, 6:9, 7:10, 8:10, 8:11, 8:12, 9:13, 10:13, 10:14, etc.

**** APP to JM; 1:1, 1:2, 2:3, 2:4, 3:5, 4:6, 4:7, 5:8, 6:9, 6:10, 7:11, 8:12, 8:13, 9:14, 10:15, 10:16, etc.

FORM FOR GENERAL BID

Bidder shall fill in all blank spaces.

Failure to complete any portion of the " FORM FOR GENERAL BID " may disqualify the bidder.

TO: Town of Longmeadow
Purchasing Department
Attn: Chad Thompson, Procurement Manager
735 Longmeadow Street, Suite 101
Longmeadow, MA 01106

BIDDER _____

BIDS DUE: 11:00AM on Friday, June 22, 2018

The undersigned certifies that the contract documents, specifications and drawings have been carefully examined, and that the site of the work has been personally inspected. The undersigned declares that the amount and nature of the work to be done is understood, and that at no time will a misunderstanding of the contract documents be pleaded.

The undersigned proposes to furnish all labor, materials, and equipment required and incidental and pay all bonds, taxes, and permits required for the carrying out of the work for **Pool Painting and Miscellaneous Repairs** in accordance with the drawings and specifications prepared by Hill-Engineers, Architects, Planners, Inc. for the contract price as specified below and outlined herein and subject to the additions and deductions heretofore provided for in the specifications.

The bidder acknowledges receipt of the following addenda:

The proposed contract sum for the contract is \$ _____
(numerical)

_____ Dollars.
(written)

(Continued on next page)

Unit PricesSection 03 01 00 – Maintenance of Concrete

A. Repair surface:

Provide a unit price for the removal, preparation and replacement of damaged concrete one (1) square foot in its entirety. The repair shall be appropriate/compatible for concrete pool construction.

The proposed unit price is \$ _____.
(numerical)

_____ Dollars.

B. Crack Repair:

Provide a unit price for the preparation, injection and repair materials for cracks one (1) linear foot in its entirety. The repair shall be appropriate/compatible for concrete pool construction.

The proposed unit price is \$ _____.
(numerical)

_____ Dollars.

The undersigned agrees that for any extra work, the contract price shall be increased by the actual cost of the work in place plus ___ percent of the actual cost added to cover all profit and overhead for the General Contractor's work **OR** plus ___ percent of the actual cost added to cover all profit and overhead for all Subcontractor's work.

For any work deleted, the contract price shall be reduced by the actual cost of the work in place. Any adjustment for work added or deducted after the contracts have been signed will be adjusted upon instructions as outlined in the specifications.

The sub-division of the proposed contract price is as follows:

ITEM 1 The work of the Contractor, being all work other than that covered by Item 2, \$ _____.

ITEM 2 Sub-bids as follows:

<u>SUBTRADE</u>	<u>SECTIONS</u>	<u>SUB-BIDDER</u>	<u>AMOUNT</u>	<u>BONDS REQUIRED</u> <u>INDICATE</u> <u>YES/NO</u>
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____
_____	_____	_____	\$ _____	_____

TOTAL OF ITEM 2\$ _____

The undersigned agrees that each of the above-named sub-bidders will be used for the work indicated at the amount stated, unless a substitution is made.

The undersigned agrees that if he is selected as contractor, he will within five days, Saturdays, Sundays and legal holidays excluded, after presentation thereof by the awarding authority, execute a contract in accordance with the terms of this general.

The undersigned agrees that if he is selected as General Contractor, he will within five days, Saturdays, Sundays and legal holidays excluded, after presentation thereof by the awarding authority, execute a contract in accordance with the terms of this general bid and furnish a Performance Bond and also a Labor and Materials or Payment Bond, each of a surety company qualified to do business under the laws of the Commonwealth of Massachusetts and satisfactory to the awarding authority and each in the sum of one hundred percent of the contract price, the premiums for which are to be paid by the general contractor and are included in the contract price.

The undersigned hereby certifies that he is able to furnish labor that can work in harmony with the Owner, A/E, and all other elements of labor employed or to be employed on the worksite. All employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; and that he will comply fully with all laws and regulations applicable to awards made subject to Section 44A.

Date: _____

Name of General Bidder

(Affix corporate seal
here if Bidder is a
corporation)

By: _____
Name of Person Signing Bid

Title

Business Address

City and State Zip Code

Email

NOTE: If the bidder is a corporation, indicate state of incorporation under signature, and affix corporate seal; if a partnership, give full names and residential addresses of all partners; and if an individual, give residential address if different from business address.

CONTRACTOR'S AFFIDAVIT

The undersigned further certifies under the penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this subsection the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity. The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth under the provisions of Section 29F of Chapter 29, or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

Signature

Print Name of Bidder

Project Number

Business Address

Awarding Authority

Telephone Number

The undersigned agrees that if selected, will within five days, Saturdays, Sundays and legal holidays excluded, after presentation thereof by the awarding authority, execute a contract in accordance with the terms of the General Contractor.

The undersigned agrees that if selected, will within five days, Saturdays, Sundays and legal holidays excluded, after presentation thereof by the awarding authority, execute a contract in accordance with the terms of this general bid and furnish a Performance Bond and also a Labor and Materials or Payment Bond, each of a surety company qualified to do business under the laws of the Commonwealth of Massachusetts and satisfactory to the awarding authority and each in the sum of one hundred percent of the contract price, the premiums for which are to be paid by the general contractor and are included in the contract price.

The undersigned hereby certifies that he/she is able to furnish labor that can work in harmony with the Owner, A/E, and all other elements of labor employed or to be employed on the worksite. All employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; and that he/she will comply fully with all laws and regulations applicable to awards made subject to Section 44A.

The undersigned offers the following information as evidence for qualifications to perform work as bid in accordance with all requirements of the drawings and specifications:

1. Have been in business under the present business name for ____ years.
2. Failed to complete any work awarded? (Check one below.)
 - Yes
 - No

The undersigned further certifies under the penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this subsection the word “person” shall mean any natural person, joint venture, partnership, corporation or other business or legal entity. The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth under the provisions of Section 29F of Chapter 29, or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

The undersigned hereby agrees that all prices contained herein shall be valid for a period not exceeding thirty (30) days (weekends and holidays not included) from date of the General Bid opening.

Date: _____

Name of Sub-Bidder

(Affix corporate seal here if Bidder is a corporation)

By: _____
Name of Person Signing Sub-Bid

Title

Business Address

City and State Zip Code

ATTESTATION OF TAXES

AT - 1

Chapter 223 (Sections 35 and 36) of the Acts and Resolves of 1983 enacted the Revenue Enforcement and Protection Program, which became effective July 1, 1983. One aspect of the law requires that the providers of goods and services attest, under penalties of perjury, that they are in compliance with all laws of the Commonwealth of Massachusetts relating to taxes.

To comply with this requirement, the Attestation of Taxes must be signed and submitted with the bid to the Awarding Authority.

Any person failing to sign the Attestation of Taxes shall not be allowed to obtain, renew, or extend a license, permit, or public contract.

Pursuant to M.G.L. Chapter 62c, Section 49A, I hereby certify, under the penalties of perjury, that I, to the best of my knowledge and belief, have filed all state tax returns and paid all state taxes as required by law.

Signed under penalties of perjury this _____ day of _____, _____.

Signature and title of responsible company officer:

Corporate Seal (Affix Below)

WEEKLY PAYROLL RECORDS REPORT
& STATEMENT OF COMPLIANCE

PR - 1

In accordance with Massachusetts General Law c149, Section 27B, a true and accurate record must be kept of all persons employed on the public works project for which the enclosed rates have been provided. A Payroll Form has been printed on the next page and includes all the information required to be kept by law. Every contractor or subcontractor is required to keep these records and preserve them for a period of three years from the date of completion of the contract.

In addition, every contractor and subcontractor is required to submit a copy of their weekly payroll records to the awarding authority. This is required to be done on a weekly basis. Once collected, the awarding authority is also required to preserve those records for three years.

In addition, each such contractor, subcontractor or public body shall furnish to the Department of Labor & Industries within fifteen days after completion of its portion of the work a statement, executed by the contractor, subcontractor or public body who supervises the payment of wages, in the following form:

STATEMENT OF COMPLIANCE	
_____, 20____	
I, _____,	_____
(Name of signatory party)	(Title)
do hereby state:	
That I pay or supervise the payment of the persons employed by	
_____	_____
(Contractor, subcontractor or public body)	(Building or project)
and that all mechanics and apprentices, teamsters, chauffeurs and laborers employed on said project have been paid in accordance with wages determined under the provisions of sections twenty-six and twenty-seven of chapter one hundred and forty nine of the General Laws.	
Signature _____	
Title _____	

DEPARTMENT OF LABOR & INDUSTRIES, 100 CAMBRIDGE STREET, 11TH FL., BOSTON, MA 02202

-
- Item 1. Equipment, materials or supplies required to be furnished by the contractor shall be received, unloaded, and stored at the risk of the contractor until incorporated in the work and accepted by the Owner. All freight charges for equipment, material, and supplies to be included in bid price.
- Item 2. The contractor shall submit to the Owner the name of its designated representative on the job site, and the names and addresses of all major material suppliers and any subcontractors.
- Item 3. The contractor shall comply with the occupational safety and health regulations and standards for construction promulgated under the Occupational Safety and Health Act of 1970 (P.L. 91-596). The contractor shall also comply with the Owner's safety and work rules at all times, including having adequate first aid and fire prevention equipment on the site, with personnel trained in their use.
- Item 4. The contractor will at all times keep the job site free from accumulation of rubbish and waste materials and on completion of the work will leave the job site in a clean condition.
- Item 5. The A/E shall have the authority to disapprove or reject work which is defective or unsatisfactory and does not meet the requirements of the contract documents, to require special inspection and testing of the work, and shall in all respect act as the Owner's agent to secure satisfactory work as intended by the contract documents.
- Item 6. The contractor shall invoice work under this contract on AIA Document G702 Application & Certificate for Payment and G703 Continuation Sheet. It is the Owner's intent to withhold 10% of the payment due the contractor as retainage until substantial completion.
- Item 7. The A/E will assist the Owner, as the Owner may require, in inspection of the work and management of the construction.
- Item 8. The Owner will issue communications to the contractor either direct or through the A/E.
- Item 9. The contractor will be given access to those portions of the site premises required for performance of the contract and will be responsible for the care and control thereof.

Item 10. No machinery, equipment or supplies will be furnished by the Owner to the contractor unless called for by the terms of the contract or specifically authorized by the Owner.

Item 11. The contractor shall exercise extreme care and caution in work near existing structures and machinery. Any utilities encountered during the work shall be protected and maintained in service by the contractor unless otherwise authorized by the Owner.

Item 12. The contractor shall at his own expense repair and replace all buildings, structures, equipment, utilities, sidewalks, curbs, drives, lawns, plants, trees and shrubbery damaged by the contractor during the course of the work.

Item 13. For contracts which provide payments based upon time and materials, the scope of the work must be defined in writing and invoiced separately as to labor and materials. Daily time sheets indicating each employee by name, trade or classification, hours worked, date of work, and job performed or description of work will be submitted daily, signed by the contractor's designated representative. A copy of each of the daily time sheets, daily equipment time sheets for equipment rentals, materials lists and suppliers invoices shall be submitted to the Owner with each invoice for the work performed.

Item 14. Insurance Requirements

The contractor shall purchase and maintain liability insurance coverage as set forth in the Standard General Conditions and as specified below.

Without limiting any of the other obligations or liabilities of the contractor, the contractor shall provide and maintain, until the work is completed and accepted by the Owner, minimum insurance coverages as follows:

<u>Type of Coverage</u>	<u>LIMITS</u>
Worker's Compensation, including coverage under Longshoremen's and Harbor Worker's Act where applicable.	Statutory

Employer's Liability	<u>\$1,000,000</u>	
	Each Occurrence	
 Comprehensive General Liability		
Bodily Injury	<u>\$1,000,000</u>	
	Each Occurrence	
Property Damage including coverage for damage caused by blasting, collapse or structural injury and/or damage to underground utilities.	<u>\$1,000,000</u>	
	Each Occurrence	or total contract amount, whichever is greater
Products and Completed Operations	<u>\$1,000,000</u>	
	Each Occurrence	
 Contractor's Protective Liability		
Bodily Injury	<u>\$1,000,000</u>	
	Each Occurrence	
Property Damage	<u>\$1,000,000</u>	<u>\$1,000,000</u>
	Each Occurrence	Aggregate
 Contractual Liability in Accordance with Agreement(s) between Owner and contractor.		
Bodily Injury	<u>\$1,000,000</u>	
	Each Occurrence	
Property Damage	<u>\$1,000,000</u>	<u>\$1,000,000</u>
	Each Occurrence	Aggregate
 Comprehensive Automobile Liability covering all owned, hired, and non-owned automotive equipment used by or with the permission of the Contractor including the loading and unloading thereof with the Owner included as an additional insured.		

SUPPLEMENTARY CONDITIONS

SC - 4

Bodily Injury	<u>\$1,000,000</u> Each Person	<u>\$1,000,000</u> Each Occurrence
Property Damage		<u>\$1,000,000</u> Each Occurrence

Item 15. Standard General Conditions

Reference:

The contractor shall comply with the Owner-Contractor Agreement for Public Building Construction or Renovation'. A sample copy of the contract is included herein.

Item 17. Work time/days for construction:

The contractor shall coordinate the project with the Owner representative such that all of the work is not in conflict with school operations.

DRAWING LIST

DL – 1

DRAWING NUMBER

TITLE

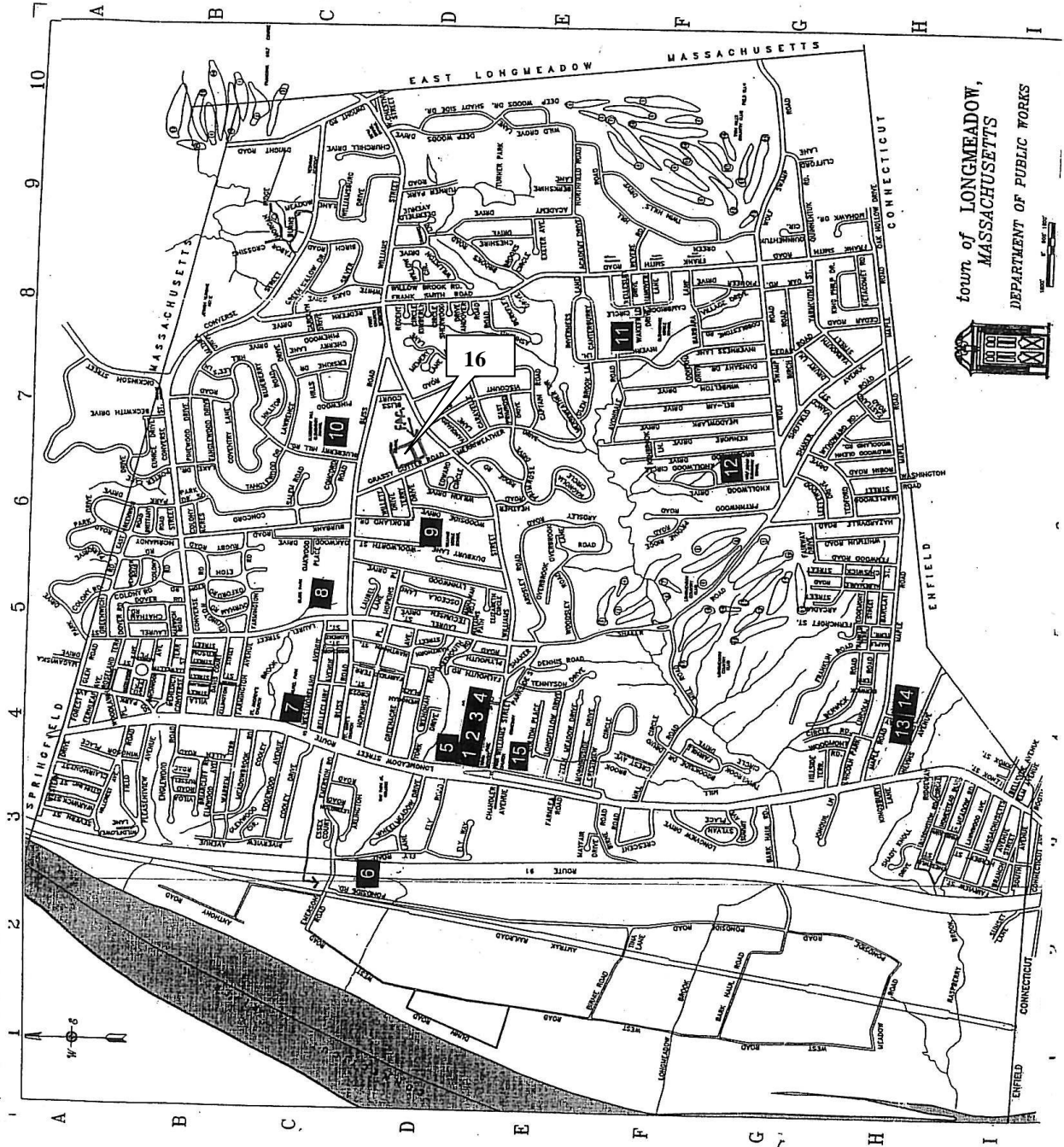
G-001

Title Sheet

A-101

Poor Repairs and Painting

Project Site Locus Plan (location 16)



Town of LONGMEADOW,
MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS

**OWNER-CONTRACTOR AGREEMENT
FOR PUBLIC BUILDING CONSTRUCTION OR RENOVATION**

THIS AGREEMENT made this _____ day of June in the year Two Thousand and eighteen , between _____, with a usual place of business at _____, hereinafter called the CONTRACTOR, and the Town of Longmeadow, acting through the Town Manager, the Awarding Authority for the Town of Longmeadow, with a usual place of business at 20 Williams Street, Longmeadow, MA 01106, hereinafter called the OWNER.

The CONTRACTOR and the OWNER, for the consideration hereinafter named, agree as follows:

1. Scope of Work

The Contractor shall furnish all labor, materials, equipment and insurance to perform all work required for the project known as ‘Pool Painting and Miscellaneous Repair’, in strict accordance with the Contract Documents and all related Drawings and Specifications. The said Documents, Specifications, Drawings and any GENERAL SUPPLEMENTARY CONDITIONS are incorporated herein by reference and are made a part of this Agreement.

2. Contract Price

The Owner shall pay the Contractor for the performance of this Agreement, subject to additions and deductions provided herein, in current funds, the sum of _____.

3. Commencement and Completion of Work and Liquidated Damages

It is agreed that time is of the essence of this Agreement. The Contractor shall commence and prosecute the work under this Agreement upon execution hereof and shall complete the work on or before **August 10, 2018**.

- A. Definition of Term: The Term "Substantial completion" shall mean the date certified by the Owner when construction is sufficiently complete, in accordance with the Contract Documents, so the Owner may occupy the project, or designated portion(s) thereof, for the use for which it is intended.
- B. Time as Essential Condition: It is understood and agreed that the commencement of and substantial completion of the work are essential conditions of this Agreement. It is

further agreed that time is of the essence for each and every portion of the Contract Documents wherein a definite and certain length of time is fixed for the performance of any act whatsoever; and where under the Contract Documents any additional time is allowed for the completion of any work, the new time fixed by such extension shall be of the essence of this Agreement. It is understood and agreed that the times for the completion of the work are reasonable, taking into consideration the average climatic range and usual industrial conditions prevailing in this locality.

- C. Progress and Completion: Contractor shall commence work promptly upon execution of this Agreement and shall prosecute and complete the work regularly, diligently and uninterruptedly at such a rate of progress as will insure Substantial Completion within the stipulated number of calendar days.
- D. Liquidated Damages: It is expressly agreed between the Contractor and the Owner that the Contractor will be responsible for all damages which may arise due to the Contractor's failure to substantially complete the work within the above specified time. If the Contractor shall neglect, fail or refuse to complete the work within the specified number of days, or any extension thereof authorized by the Owner, Contractor agrees, as a part of the consideration for the execution of this Contract by the Owner, to pay the Owner the amount specified herein, not as a penalty, but as liquidated damages for such breach of contract as hereinafter set forth, for each and every calendar day, excluding Saturdays, Sundays and legal Holidays, that the Contractor shall be in default of Substantial completion after the date specified in the Agreement. Due to the impracticability and extreme difficulty of fixing and ascertaining the actual damages the Owner would in such event sustain, said amount is agreed to be the amount of damages which the Owner would sustain, and said amount shall be retained from time to time by the Owner from current periodic estimates. The amount of liquidated damages shall be \$750.00 per day.

4. Performance of the Work

- A. Direction of the Work: The Contractor shall supervise and direct the Work, using his best skills and attention which shall not be less than such state of skill and attention generally rendered by the contracting profession for projects similar to the Project in scope, difficulty and location. The Contractor shall maintain adequate supervisory personnel at the project site during the performance of the Work. He shall be solely responsible for all construction means, methods, techniques, sequences and procedures and for coordinating all portions of the Work under the Agreement.
- B. Responsibility for the Work: (1) The Contractor shall be responsible to the Owner for the acts and omissions of his employees, Subcontractors and their agents and employees, and other persons performing any of the Work under a contract with the Contractor. This obligation shall also extend to the presence on the Site of suppliers of materials or equipment, their employees, contractors, and agents engaged in the work.

(2) The Contractor shall not be relieved from his obligations to perform the Work in accordance with the Contract Documents either by the activities or duties of the Owner in its administration of the Agreement, or by inspections, tests or approvals required or performed by persons other than the Contractor.

C. Permits and Fees: Unless otherwise expressly provided, the Contractor shall secure and pay for all permits and fees, licenses and inspections necessary for the proper execution and completion of the Work which are customarily secured after execution of the Agreement and which are legally required at the time the bids are received, and the same shall at all times be the property of the Owner and shall be delivered to the Owner upon completion of the Project.

D. Notices, Compliance With Laws: (1) The Contractor shall give all notices and comply with all federal, state and local laws, ordinances, rules, regulations and lawful orders of any public authority bearing on the performance of the Work. The Contractor shall provide the Owner with reproductions of all permits, licenses and receipts for any fees paid. The Owner represents that it has disclosed to the Contractor all orders and requirements known to the Owner of any public authority particular to this Agreement.

(2) If the Contractor observes that any of the Contract Documents are at variance with applicable laws, statutes, codes and regulations in any respect, he shall promptly notify the Owner in writing, and any necessary changes shall be accomplished by appropriate modification.

(3) If the Contractor performs any Work which he knows or should know is contrary to such laws, ordinances, rules and regulations, and without such notice to the Owner, he shall assume full responsibility therefor and shall bear all costs attributable thereto.

(4) In the performance of the Work, the Contractor shall comply with all applicable federal, state and local laws and regulations including those relating to workplace and employee safety. The Contractor shall notify the Owner immediately of any conditions at the place of the work which violate said laws and regulations and shall take prompt action to correct and eliminate any such violations.

E. Project Superintendent: The Contractor shall employ a competent superintendent and necessary assistants who shall be in attendance at the Project site at all times during the progress of the Work. The superintendent shall represent the Contractor and all communications given to the superintendent shall be as binding as if given to the Contractor. Important communications shall be confirmed in writing. Other communications shall be so confirmed on written request in each case.

F. Progress Schedule: The Contractor, immediately after being awarded the Contract, shall prepare and submit for the Owner's information an estimated progress schedule for the Work. The progress schedule shall be related to the entire Project to the extent required

by the Contract Documents, and shall provide for expeditious and practicable execution of the Work.

G. Drawings, Specifications and Submittals:

(1) The Contractor shall maintain at the site for the Owner one record copy of all Drawings, Specifications, Addenda, Change Orders and other Modifications, and "As-Built" Drawings and Specifications in good order and marked currently to record all changes made during construction, and approved Shop Drawings, Product Data and Samples. These shall be delivered to the Owner upon completion of the Work.

(2) By approving and submitting Shop Drawings, Product Data and Samples, the Contractor represents that he has determined and verified all materials, field measurements, and field construction criteria related thereto, or will do so, and that he has checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents.

(3) The Contractor shall not be relieved of responsibility for any deviation from the requirements of the Contract Documents by the Owner's approval of Shop Drawings, Product Data or Samples unless the Contractor has specifically informed the Owner in writing of such deviation at the time of submission and the Owner has given written approval to the specific deviation. The Contractor shall not be relieved from responsibility for errors or omissions in the Shop Drawings, Product Data or Samples by the Owner's approval thereof.

(4) The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data or Samples, to revisions other than those requested by the Owner on previous submittals.

(5) No portion of the Work requiring submission of a Shop Drawing, Product Data or Sample shall be commenced until the submittal has been approved by the Owner. All such portions of the Work shall be in accordance with approved submittals.

H. Protection of the Work and Owner's Property: The Contractor shall at all times safely guard the Owner's property from injury or loss in connection with this Agreement. He shall at all times safely guard and protect his own work, and that of adjacent property from damage. The Contractor shall replace or make good any such damage, loss or injury. The Contractor shall clean the work area and restore it to its original condition upon completion of the work.

I. Quality of the Work: The Contractor shall perform the work in a good, workmanlike manner. The Contractor hereby guarantees that the entire work constructed by him under the Agreement will meet fully all requirements thereof as to quality of workmanship and materials. The Contractor hereby agrees to make at his own expense any repairs or

replacements made necessary by defects in materials or workmanship supplied to him that become evident within one (1) year after the date of the final payment, and to restore to full compliance with the requirements set forth herein any part of the work constructed hereunder, which during said one (1) year period is found to be deficient with respect to any provisions of the Contract Documents. The Contractor also agrees to hold the Owner harmless from claims of any kind arising from damage due to said defects. The Contractor shall make all repairs and replacements promptly upon receipt of written orders for same from the Owner. If the Contractor fails to make the repairs and replacements promptly, the Owner may do the work and the Contractor shall be liable to the Owner for the cost thereof.

- J. Warranty: The Contractor guarantees to Owner that all materials incorporated into the work will be new unless otherwise specified or agreed. Prior to final payment, the Contractor shall deliver to the Owner all manufacturers' warranties, together with such endorsements or assignments as are necessary to ensure to the Owner the full rights and benefits of such warranties.

5. Affirmative Action/Equal Employment Opportunity

The Contractor is directed to comply with all applicable State Laws, Ordinances, Bylaws, and rules and regulations regarding affirmative action/equal employment opportunity requirements. Failure of the Contractor to comply with any such law, rule or regulation shall constitute grounds for the Owner to terminate the Agreement.

6. Site Information Not Guaranteed; Contractor's Investigation

All information given in the Contract Documents relating to subsurface and other conditions, natural phenomena, existing pipes, and other structures is from the best sources at present available to the Owner. All such information is furnished only for the information and convenience of the Contractor and is not guaranteed.

It is agreed and understood that the Owner does not warrant or guarantee that the subsurface or other conditions, natural phenomena, existing pipes, or other structures encountered during construction will be the same as those indicated in the Contract Documents.

Contractor has familiarized himself with the nature and extent of the Contract Documents, work, locality, and with all local conditions and federal, state, and local laws, rules, ordinances, and regulations that in any manner may affect costs, progress, or performance of the work. Contractor has made, or has caused to be made, examinations, investigations, and tests and studies of such reports and related data in addition to those referred to in the paragraph above as he deems necessary for the performance of the work at the Contract Price, within the Contract Time, and in accordance with the other Terms and Conditions of the Contract Documents; and no additional examinations, tests, investigations, reports, and similar data are or will be required by the Contractor for such purposes.

Contractor has correlated the results of all such observations, examinations, investigations, tests, reports, and data with the Contract Documents. Contractor has given the Owner written notice of all conflicts, errors, or discrepancies that he has discovered in the Contract Documents, and the resolution thereof by the Owner is acceptable to the Contractor.

It is further agreed and understood that the Contractor shall not use or be entitled to use any of the information made available to him or obtained in any examination made by him in any manner as a basis of or ground for any claim or demand against the Owner, arising from or by reason of any variance which may exist between the information made available and the actual subsurface conditions or other conditions or structures actually encountered during the construction work, except as may otherwise be expressly provided for in the Contract Documents.

7. Project Architect or Engineer

There X is ___ is not a project architect-engineer for this project who is Jamie Reinhardt. Except as otherwise indicated in the Contract Documents, the Architect/Engineer shall be a representative of the Owner and the Contractor shall direct all communications, questions and comments on the work and the performance thereof to the Architect/Engineer. Except as otherwise provided, the Architect/Engineer shall have all the authority of the Owner set forth in the Contract Documents. In general, the Architect/Engineer shall have the authority to review the performance of the work, reject work which is defective or otherwise does not comply with the Contract Documents and to order the Contractor to remedy defective work and take such actions which are necessary to make the work conform to the Contract Documents.

8. Wage Rates

Prevailing Wage Rates as determined by the Commissioner of the Department of Labor and Workforce Development under the provisions of Massachusetts General Laws, Chapter 149, Section 26 to 27G, as amended, apply to this project. It is the responsibility of the Contractor to provide the Town with certified payrolls and to comply with all requirements of the above-cited statutes.

The schedules of prevailing wage rates are included in the Contract Documents.

9. Payments to the Contractor

Within fifteen (15) days after receipt from the Contractor of a periodic estimate requesting payment of the amount due for the preceding month, the Owner shall have fifteen (15) days to make payment for:

- A. The work performed during the preceding month.

- B. The materials not incorporated in the Work but delivered and suitably stored at the site (or at some location agreed upon in writing) to which the Contractor has title, or to which a Subcontractor has title and has authorized the Contractor to transfer title to the Owner.
- C. Less the following retention items:
1. A retention based on an estimate of the fair value of the Owner's claims against the Contractor.
 2. A retention for direct payments to Subcontractors, if any, based on demands for same in accordance with the provisions of Section 39F of Chapter 30 of the General Laws.
 3. A retention not exceeding five percent (5%) of the approved amount of the periodic payment.
- D. After the receipt of a periodic estimate requesting final payment and within sixty-five (65) days after the Contractor fully completes the Work, or substantially completes the Work so that the value of the Work remaining to be done is, on the estimate of the Owner, less than 1% of the original Contract Price, or substantially completes the Work and the Owner takes possession or occupancy, whichever occurs first, the Owner shall pay the Contractor the entire balance due on the Contract less:
1. A retention based on an estimate of the fair value of the Owner's claims against the Contractor and of the cost of completing the incomplete and unsatisfactory items of work.
 2. A retention for direct payments to Subcontractors, if any, based on demands of same in accordance with the provisions of Section 39F of Chapter 30 of the General Laws, or based on the record of payments by the Contractor to the Subcontractors under this Contract if such record of payment indicates that the Contractor has not paid Subcontractors as provided in Section 39F of Chapter 30 of the General Laws.

If the Owner fails to make payment as herein provided, there shall be added to each such payment, daily interest at the rate of 3 percentage points above the rediscount rate than charged by the Federal Reserve Bank of Boston, commencing on the first day after said payment is due, and continuing until the payment is delivered or mailed to the Contractor; provided that no interest shall be due, in any event, on the amount of a periodic estimate for final payment until fifteen (15) days after receipt of such a periodic estimate by the Owner as provided in the first paragraph of this Article. The Contractor agrees to pay to each subcontractor a portion of any such interest paid in accordance with the amount due each subcontractor.

The Owner may make changes in any periodic estimate submitted by the Contractor and the payment due on said periodic estimate shall be computed in accordance with the changes so

made, and such changes and any requirements for a corrected periodic estimate shall not affect the due date for the periodic payment or the date for the commencement of interest charges on the amount of the periodic payment computed in accordance with the changes made, as provided herein; provided further, that the Owner may, within seven (7) days after receipt, return to the Contractor for correction, any periodic estimate which is not in acceptable form or which contains computations not arithmetically correct, and in that event, the date of receipt of such periodic estimate shall be the date of receipt of the corrected periodic estimate in proper form and with arithmetically correct computations. The date of receipt of a periodic estimate received on a Saturday shall be the first working day thereafter.

- E. Changes in the Work: No changes in the work covered by the approved Contract Documents shall be made without prior written approval of the Owner. Charges or credits for the work covered by the approved change shall be determined by one or more, or a combination of the following methods:
- (a) Unit bid prices previously approved.
 - (b) An agreed lump sum.
 - (c) The actual cost of:
 - (1) Labor.
 - (2) Materials entering permanently into the work.
 - (3) The ownership or rental cost of construction equipment during the time of use on the extra work.
 - (4) Power and consumable supplies for the operation of power equipment.
 - (5) Wages to be paid.

To the cost under (c) there shall be added a fixed fee to be agreed upon but not to exceed fifteen percent (15%) of the actual cost of work. The fee shall be compensation to cover the cost of supervision, overhead, bond, profit and any other general expenses.

- F. Claims for Additional Costs: If the Contractor wishes to make a claim for an increase in the Contract Sum, he shall give the Owner written notice thereof within twenty days after the occurrence of the event giving rise to such claim. This notice shall be given by the Contractor before proceeding to execute the Work, except in an emergency endangering life or property. No such claim shall be valid unless so made. Any change in the Contract Sum resulting from such claim shall be authorized by Change Order.

10. Final Payment, Effect

The acceptance of final payment by the Contractor shall constitute a waiver of all claims by the Contractor arising under the Agreement.

11. Contract Documents

The Contract Documents consist of the following, together with this Agreement:

- Invitation to Bid
- Instructions to Bidders
- This Contract Form
- Bid Form
- Labor & Materials Payment Bond
- Non-Collusion Certificate
- Tax Compliance Certificate
- Clerk's Certificate of Corporate Vote
- Certificate of Insurance
- General Conditions
- Supplementary General Conditions
- General Requirements
- Specifications and Addenda
- Contract Drawings
- Schedule of Prevailing Wages

12. Terms Required By Law

This Agreement shall be considered to include all terms required to be included in it by the Massachusetts General Laws, and all other laws, as though such terms were set forth in full herein.

13. Indemnification

The Contractor shall indemnify and hold harmless the Owner from and against any and all claims, damages, losses, and expenses, including attorney's fees, arising out of the performance of this Agreement when such claims, damages, losses, and expenses are caused, in whole or in part, by the acts, errors, or omissions of the Contractor or his employees, agents, subcontractors or representatives.

14. Insurance

The Contractor shall purchase and maintain such insurance as will protect both the Owner and the Contractor from claims which may arise under the Agreement, including operations performed for the named insured by independent contractors and general inspection thereof by

the named insured. In addition, the Contractor shall require its subcontractors to maintain such insurance. Coverage shall be provided for:

- .1 claims under workers' or workmen's compensation, disability benefit and other applicable employee benefit acts;
- .2 claims for damages because of bodily injury, occupational sickness or disease, or death of Contractor's employees;
- .3 claims for damages because of bodily injury, sickness or disease, or death of any person other than Contractor's employees;
- .4 claims for damages insured by usual personal injury liability coverage which are sustained (1) by any person as a result of an offense directly or indirectly related to the employment of such person by the Contractor, or (2) by any other person;
- .5 claims for damages, including damages to the Work itself, because of injury to or destruction of tangible property, including loss of use resulting therefrom; and
- .6 claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle.
- .7 claims involving contractual liability applicable to the Contractor's obligations under Article 13

The limits of liability for coverage required under the preceding paragraph shall be as required by the Owner.

Except for Workmen's Compensation, all liability coverage shall name the Town of as an additional insured and shall provide for 30 days prior written notice to the Town of any modification or termination of coverage provided thereby. The Contractor shall provide the Owner with appropriate certificate(s) of insurance evidencing compliance with this provision prior to the commencement of any work under this Agreement.

15. Notice

All notices required to be given hereunder shall be in writing and delivered to, or mailed first class to, the parties' respective addresses stated above. In the event that immediate notice is required, it may be given by telephone or facsimile, but shall, to the extent possible, be followed by notice in writing in the manner set forth above.

16. Termination

- A. Each party shall have the right to terminate this Agreement in the event of a failure of the other party to comply with the terms of the Agreement. Such termination shall be effective upon seven days' notice to the party in default and the failure within that time of said party to cure its default.
- B. The Owner shall have the right to terminate the Agreement without cause, upon ten (10) days' written notice to the Contractor. In the event that the Agreement is terminated pursuant to this subparagraph, the Contractor shall be reimbursed in accordance with the Contract Documents for all Work performed up to the termination date, and for all materials or equipment not incorporated in the Work, but delivered and suitably stored at the site. Payment for material or equipment stored at the site shall be conditioned upon submission by the Contractor of bills of sale or such other evidence as is satisfactory to Owner to establish the Owner's title to such material or equipment or otherwise protect the Owner's interests.

17. Miscellaneous

- A. Royalties and Patents: The Contractor shall pay all royalties and license fees. He shall defend all suits or claims for infringement of any patent rights and shall save the Owner harmless from loss on account thereof, except that the Owner shall be responsible for all such loss when a particular design, process or the product of a particular manufacturer or manufacturers is specified; but if the Contractor believes or has reason to believe that the design, process or product specified is an infringement of a patent, he shall be responsible for such loss unless he promptly gives such information to the Owner, and thereafter the Owner insists on the use of the design, process or products specified.
- B. Assignment: The Contractor shall not assign or transfer any of its rights, duties or obligations under this Agreement without the written approval of the Owner.
- C. Governing Law: This Agreement shall be governed by and construed in accordance with the law of the Commonwealth of Massachusetts.
- D. By its signature hereon, the Contractor certifies, under the pains and penalties of perjury, that it has complied with all laws of the Commonwealth of Massachusetts relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

SECTION 01 10 00

SUMMARY

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Contract description.
- B. Work by Owner.
- C. Contractor's use of site.
- D. Work sequence.
- E. Owner occupancy.
- F. Specification Conventions.

1.2 CONTRACT DESCRIPTION

- A. Work of the Project includes pool preparation, painting and miscellaneous repairs.
- B. Perform Work of Contract under stipulated sum contract with Owner in accordance with Conditions of Contract.

1.3 WORK BY OWNER

- A. The Owner will award a contract for the project commencing on the date established in the post-bid conference.
- B. Owner will remove and retain possession of the following items before start of work:
 - 1. Floating lane dividers.

1.4 CONTRACTOR'S USE OF SITE

- A. Access to Site: Shall be instructed by the Owner.
- B. Emergency Building Exits During Construction: Contractor shall only have access to the immediate pool room and the associated doors.
- C. Construction Operations: Shall be instructed by the Owner.
- D. Time Restrictions for Performing Interior Work: Shall be instructed by the Owner.
- E. Utility Outages and Shutdown: Shall be coordinated with the approval by the Owner.

1.5 WORK SEQUENCE

- A. Construct Work to accommodate Owner's occupancy requirements during construction period, coordinate construction schedule and operations with the Owner/Architect.

1.6 OWNER OCCUPANCY

- A. The Owner will occupy the premises during the entire period of construction. Work related to the pool painting **MUST** be coordinated and agreed by the Owner prior to commencement.
- B. Cooperate with Owner to minimize conflict, and to facilitate Owner's operations.
- C. Schedule the Work to accommodate Owner occupancy.

1.7 SPECIFICATION CONVENTIONS

- A. These specifications are written in imperative mood and streamlined form. This imperative language is directed to the Contractor, unless specifically noted otherwise. The words "shall be" are included by inference where a colon (:) is used within sentences or phrases.

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

SECTION 01 30 00

ADMINISTRATIVE REQUIREMENTS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Coordination and project conditions.
- B. Preconstruction meeting.
- C. Progress meetings.
- D. Cutting and patching.
- E. Special procedures.

1.2 COORDINATION AND PROJECT CONDITIONS

- A. Coordinate scheduling, submittals, and Work of various sections of Project Manual to ensure efficient and orderly sequence of installation of interdependent construction elements.
- B. Verify utility requirements and characteristics of operating equipment are compatible with building utilities. Coordinate work of various sections having interdependent responsibilities for installing, connecting to, and placing in service, operating equipment.
- C. Coordinate space requirements, supports, and installation of electrical Work indicated diagrammatically on Drawings. Follow routing shown for pipes, ducts, and conduit, as closely as practicable; place runs parallel with lines of building. Utilize spaces efficiently to maximize accessibility for other installations, for maintenance, and for repairs.
- D. Coordinate completion and clean-up of Work of separate sections in preparation for Substantial Completion.
- E. After Owner occupancy of premises, coordinate access to site for correction of defective Work and Work not in accordance with Contract Documents, to minimize disruption of Owner's activities.

1.3 PRECONSTRUCTION MEETING

- A. Architect/Engineer will schedule meeting after Notice of Award.
- B. Attendance Required: Owner, Architect/Engineer, and Contractor.
- C. Agenda:
 - 1. Submission of executed bonds and insurance certificates.

2. Distribution of Contract Documents.
 3. Submission of list of Subcontractors, list of products, schedule of values, and progress schedule.
 4. Designation of personnel representing parties in Contract, Owner, and Architect/Engineer.
 5. Procedures and processing of field decisions, submittals, substitutions, applications for payments, proposal request, Change Orders, and Contract closeout procedures.
 6. Scheduling.
- D. Contractor shall record minutes and distribute copies within two days after meeting to participants, with copy to Architect/Engineer, Owner, and those affected by decisions made.

1.4 PROGRESS MEETINGS

- A. Schedule and administer meetings throughout progress of the Work at maximum bi-monthly intervals.
- B. Attendance Required: Job superintendent, major subcontractors and suppliers, Owner, Architect/Engineer, as appropriate to agenda topics for each meeting.
- C. Contractor shall record minutes and distribute copies within two days after meeting to participants, with copy to Architect/Engineer, Owner, and those affected by decisions made.

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION

3.1 CUTTING AND PATCHING

- A. Employ skilled and experienced installer to perform cutting and patching.
- B. Execute cutting, fitting, and patching to complete Work.
- C. Execute work by methods to avoid damage to other Work, and to provide proper surfaces to receive patching and finishing.
- D. Cut masonry and concrete materials using masonry saw or core drill.
- E. Restore Work with new products in accordance with requirements of Contract Documents.
- F. Fit Work tight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces.
- G. Maintain integrity of wall, ceiling, or floor construction; completely seal voids.

- H. At penetrations of fire rated walls, partitions, ceiling, or floor construction, completely seal voids with fire rated material to full thickness of penetrated element.
- I. Refinish surfaces to match adjacent finishes. For continuous surfaces, refinish to nearest intersection; for assembly, refinish entire unit.
- J. Identify hazardous substances or conditions exposed during the Work to Architect/Engineer for decision or remedy.

3.2 SPECIAL PROCEDURES

- A. Materials: As specified in product sections; match existing with new products and salvaged products for patching and extending work.
- B. Employ skilled and experienced installer to perform alteration work.
- C. Cut, move, or remove items as necessary for access to alterations and renovation Work. Replace and restore at completion.
- D. Remove unsuitable material not marked for salvage, including rotted wood, corroded metals, and deteriorated masonry and concrete. Replace materials as specified for finished Work.
- E. Remove debris and abandoned items from area and from concealed spaces.
- F. Prepare surface and remove surface finishes to permit installation of new work and finishes.
- G. Remove, cut, and patch Work in manner to minimize damage and to permit restoring products and finishes to original condition.
- H. Refinish existing visible surfaces to remain in renovated rooms and spaces, to renewed condition for each material, with neat transition to adjacent finishes.
- I. Where new Work abuts or aligns with existing, provide smooth and even transition. Patch Work to match existing adjacent Work in texture and appearance.
- J. When finished surfaces are cut so that smooth transition with new Work is not possible, terminate existing surface along straight line at natural line of division and submit recommendation to Architect/Engineer for review.
- K. Patch or replace portions of existing surfaces which are damaged, lifted, discolored, or showing other imperfections.
- L. Finish surfaces as specified in individual product sections.

END OF SECTION

SECTION 01 33 00

SUBMITTAL PROCEDURES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Submittal procedures.
- B. Construction progress schedules.
- C. Product data.
- D. Shop drawings.
- E. Samples.
- F. Certificates.
- G. Manufacturer's instructions.

1.2 SUBMITTAL PROCEDURES

- A. Transmit each submittal with separate transmittal identifying the product.
- B. Identify Project, Contractor, subcontractor and supplier; pertinent drawing and detail number, and specification section number, appropriate to submittal.
- C. Apply Contractor's stamp, signed or initialed certifying that review, approval, verification of products required, field dimensions, adjacent construction Work, and coordination of information is in accordance with requirements of the Work and Contract Documents.
- D. Schedule submittals to expedite Project, and deliver to Architect/Engineer. Coordinate submission of related items.
- E. For each submittal for Architect/Engineer review, allow one (1) week excluding delivery time to and from Contractor.
- F. Identify variations from Contract Documents and product or system limitations which may be detrimental to successful performance of completed Work.
- G. Allow space on submittals for Contractor and Architect/Engineer review stamps.
- H. When revised for resubmission, identify changes made since previous submission.
- I. Distribute copies of reviewed submittals as appropriate. Instruct parties to promptly report inability to comply with requirements.

- J. Submittals not requested will not be recognized or processed.
- K. Provide Architect with Contractor's overnight delivery account number so that Architect may return reviewed submittal by overnight service.

1.3 CONSTRUCTION PROGRESS SCHEDULES

- A. Submit preliminary outline Schedules within (10) ten days after date of established in Notice to Proceed for coordination with Owner's requirements. After review, submit detailed schedules within (10) ten days modified to accommodate revisions recommended by Architect/Engineer and by Owner.
- B. Submit revised Progress Schedules every (2) weeks.
- C. Distribute copies of reviewed schedules to Project site file, subcontractors, suppliers, and other concerned parties.
- D. Instruct recipients to promptly report, in writing, problems anticipated by projections indicated in schedules.

1.4 PRODUCT DATA

- A. Product Data: Submit to Architect/Engineer for review for limited purpose of checking for conformance with information given and design concept expressed in Contract Documents.
- B. Submit number of copies Contractor requires, plus two copies Architect/Engineer will retain.
- C. Mark each copy to identify applicable products, models, options, and other data. Supplement manufacturers' standard data to provide information specific to this Project.
- D. Indicate product utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.
- E. After review, produce copies and distribute in accordance with SUBMITTAL PROCEDURES article and for record documents described in Section 01 70 00 - Execution and Closeout Requirements.

1.5 SHOP DRAWINGS

- A. Shop Drawings: Submit to Architect/Engineer for review for limited purpose of checking for conformance with information given and design concept expressed in Contract Documents.
- B. Indicate special utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.

- C. When required by individual specification sections, provide shop drawings signed and sealed by professional engineer responsible for designing components shown on shop drawings.
 - 1. Include signed and sealed calculations to support design.
 - 2. Submit drawings and calculations in form suitable for submission to and approval by authorities having jurisdiction.
 - 3. Make revisions and provide additional information when required by authorities having jurisdiction.
- D. After review, produce copies and distribute in accordance with SUBMITTAL PROCEDURES article and for record documents described in Section 01 70 00 - Execution and Closeout Requirements.

1.6 SAMPLES

- A. Samples: Submit to Architect/Engineer for review for limited purpose of checking for conformance with information given and design concept expressed in Contract Documents.
- B. Samples For Selection as Specified in Product Sections:
 - 1. Submit to Architect/Engineer for aesthetic, color, or finish selection.
 - 2. Submit samples of finishes from full range of manufacturers' standard colors, textures, and patterns for Architect/Engineer selection.
- C. Submit samples to illustrate functional and aesthetic characteristics of Products, with integral parts and attachment devices. Coordinate sample submittals for interfacing work.
- D. Include identification on each sample, with full Project information.
- E. Submit number of samples specified in individual specification sections; Architect/Engineer will retain (2) two samples.
- F. Reviewed samples which may be used in the Work are indicated in individual specification sections.

1.7 CERTIFICATES

- A. When specified in individual specification sections, submit certification by manufacturer, installation/application subcontractor, or Contractor to Architect/Engineer, in quantities specified for Product Data.
- B. Indicate material or product conforms to or exceeds specified requirements. Submit supporting reference data, affidavits, and certifications as appropriate.
- C. Certificates may be recent or previous test results on material or Product, but must be acceptable to Architect/Engineer.

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1.8 MANUFACTURER'S INSTRUCTIONS

- A. When specified in individual specification sections, submit printed instructions for delivery, storage, assembly, installation, adjusting, and finishing, to Architect/Engineer for delivery to Owner in quantities specified for Product Data.
- B. Indicate special procedures, perimeter conditions requiring special attention, and special environmental criteria required for application or installation.

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

SECTION 01 60 00

PRODUCT REQUIREMENTS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Products.
- B. Product delivery requirements.
- C. Product storage and handling requirements.
- D. Product options.
- E. Product substitution procedures.
- F. Equipment electrical characteristics and components.

1.2 PRODUCTS

- A. Furnish products of qualified manufacturers suitable for intended use. Furnish products of each type by single manufacturer unless specified otherwise.
- B. Do not use materials and equipment removed from existing premises, except as specifically permitted by Contract Documents.
- C. Furnish interchangeable components from same manufacturer for components being replaced.

1.3 PRODUCT DELIVERY REQUIREMENTS

- A. Transport and handle products in accordance with manufacturer's instructions.
- B. Promptly inspect shipments to ensure products comply with requirements, quantities are correct, and products are undamaged.
- C. Provide equipment and personnel to handle products by methods to prevent soiling, disfigurement, or damage.

1.4 PRODUCT STORAGE AND HANDLING REQUIREMENTS

- A. Store and protect products in accordance with manufacturers' instructions.
- B. Store with seals and labels intact and legible.
- C. Store sensitive products in weather tight, climate controlled, enclosures in an environment favorable to product.

- D. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to prevent condensation and degradation of products.
- E. Arrange storage of products to permit access for inspection. Periodically inspect to verify products are undamaged and are maintained in acceptable condition.

1.5 PRODUCT OPTIONS

- A. Products Specified by Naming One or More Manufacturers with Provision for Substitutions: Submit request for substitution for any manufacturer not named in accordance with the following article.

1.6 PRODUCT SUBSTITUTION PROCEDURES

- A. Substitutions may be considered when a product becomes unavailable through no fault of Contractor.
- B. Document each request with complete data substantiating compliance of proposed Substitution with Contract Documents.
- C. Substitution Submittal Procedure:
 - 1. Submit Shop Drawings, Product Data, and certified test results attesting to proposed product equivalence. Burden of proof is on proposer.

PART 3 EXECUTION - Not Used

END OF SECTION

SECTION 01 70 00

EXECUTION AND CLOSEOUT REQUIREMENTS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Closeout procedures.
- B. Final cleaning.
- C. Protecting installed construction.
- D. Project record documents.
- E. Spare parts and maintenance products.
- F. Maintenance service.

1.2 CLOSEOUT PROCEDURES

- A. Submit written certification that Contract Documents have been reviewed, Work has been inspected, and that Work is complete in accordance with Contract Documents and ready for Architect/Engineer's review.
- B. Submit final Application for Payment identifying total adjusted Contract Sum, previous payments, and sum remaining due.

1.3 FINAL CLEANING

- A. Execute final cleaning prior to final project assessment.
- B. Clean interior surfaces exposed to view and; remove temporary labels.
- C. Clean equipment and fixtures to sanitary condition with cleaning materials appropriate to surface and material being cleaned.
- D. Remove waste and surplus materials, rubbish, and construction facilities from the project area.

1.4 PROTECTING INSTALLED CONSTRUCTION

- A. Protect installed Work and provide special protection where specified in individual specification sections.
- B. Provide temporary and removable protection for installed products. Control activity in immediate work area to prevent damage.

- C. Protect finished floors from traffic, dirt, wear, damage, or movement of heavy objects.

1.5 PROJECT RECORD DOCUMENTS

- A. Maintain on site one set of the following record documents; record actual revisions to the Work:
 - 1. Drawings.
 - 2. Specifications.
 - 3. Addenda.
 - 4. Change Orders and other modifications to the Contract.
 - 5. Reviewed Shop Drawings, Product Data, and Samples.
 - 6. Manufacturer's instruction for assembly, installation, and adjusting.
- B. Ensure entries are complete and accurate, enabling future reference by Owner.
- C. Store record documents separate from documents used for construction.
- D. Record information concurrent with construction progress, not less than weekly.
- E. Specifications: Legibly mark and record at each product section description of actual products installed, including the following:
 - 1. Manufacturer's name and product model and number.
 - 2. Product substitutions or alternates utilized.
 - 3. Changes made by Addenda and modifications.
- F. Record / Shop Drawings: Legibly mark each item to record actual construction including:
 - 1. Field changes of dimension and detail.
 - 2. Details not on original Contract drawings.
- G. Submit documents to Architect/Engineer with claim for final Application for Payment.

1.6 SPARE PARTS AND MAINTENANCE PRODUCTS

- A. Furnish spare parts, maintenance, and extra products in quantities specified in individual specification sections.
- B. Deliver to and place in location as directed by Owner; obtain receipt prior to final payment.

1.7 MAINTENANCE SERVICE

- A. Furnish service and maintenance of components indicated in specification sections for (1) one year from date of Substantial Completion.
- B. Examine system components at frequency consistent with reliable operation. Clean, adjust, and lubricate as required.

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- C. Include systematic examination, adjustment, and lubrication of components. Repair or replace parts whenever required. Use parts produced by manufacturer of original component.

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

SECTION 02 41 19

SELECTIVE STRUCTURE DEMOLITION

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Demolishing designated building equipment and fixtures.
 - 2. Demolishing designated construction.
 - 3. Cutting and alterations for completion of the Work.
 - 4. Removing designated items for reuse and Owner's retention.
 - 5. Protecting items designated to remain.
 - 6. Removing demolished materials.

1.2 SUBMITTALS

- A. Section 01 33 00 - Submittal Procedures: Requirements for submittals.
- B. Demolition Schedule: Indicate overall schedule and interruptions required for utility and building services.
- C. Shop Drawings:
 - 1. Indicate demolition and removal sequence.

1.3 CLOSEOUT SUBMITTALS

- A. Section 01 70 00 - Execution and Closeout Requirements: Requirements for submittals.

1.4 QUALITY ASSURANCE

- A. Conform to applicable code for demolition work, dust control, products requiring electrical disconnection and re-connection.
- B. Conform to applicable code for procedures when hazardous or contaminated materials are discovered.
- C. Obtain required permits from authorities having jurisdiction.
- D. Perform Work in accordance with State, and Municipality standard.

1.5 PRE-INSTALLATION MEETINGS

- A. Convene minimum one week prior to commencing work of this section.

1.6 SEQUENCING

- A. Section 01 10 00 - Summary: Requirements for sequencing.

- B. Contractor shall sequence activities to expedite the Work.
- C. Owner will conduct salvage operations before demolition begins to remove materials Owner chooses to retain.

1.7 SCHEDULING

- A. Section 01 30 00 - Administrative Requirements: Requirements for scheduling.
- B. Cooperate with the Owner in scheduling noisy, dusty and odor producing operations and waste removal that may impact Owners operation and occupancy in adjoining spaces.
 - 1. It may/will be necessary to perform Work on Saturdays and Sundays.
- C. Coordinate utility and building service interruptions with Owner.
 - 1. Do not disable or disrupt building fire or life safety systems without three (3) days prior written notice to Owner.
 - 2. Schedule tie-ins to existing systems to minimize disruption.
 - 3. Coordinate Work to ensure fire alarms, smoke detectors, emergency lighting, exit signs and other life safety systems remain in full operation in occupied areas.

1.8 PROJECT CONDITIONS

- A. Conduct demolition to minimize interference with adjacent and occupied building areas.
- B. Cease operations immediately if structure appears to be in danger and notify Architect/Engineer. Do not resume operations until directed.

PART 2 PRODUCTS

Not Used.

PART 3 EXECUTION

3.1 PREPARATION

- A. Notify affected utility companies before starting work and comply with their requirements.
- B. Mark location and termination of utilities.
- C. Erect, and maintain temporary barriers and security devices at work locations, including warning signs and lights, and similar measures, for protection of the Owner, and existing improvements indicated to remain.

3.2 SALVAGE REQUIREMENTS

- A. Coordinate with Owner to identify building components and equipment required to be removed and delivered to Owner.

- B. Tag components and equipment Owner designates for salvage.
- C. Protect designated salvage items from demolition operations until items can be removed.
- D. Carefully remove building components and equipment indicated to be salvaged.
- E. Disassemble as required to permit removal from building.
- F. Package small and loose parts to avoid loss.
- G. Mark equipment and packaged parts to permit identification and consolidation of components of each salvaged item.
- H. Prepare assembly instructions consistent with disassembled parts. Package assembly instructions in protective envelope and securely attach to each disassembled salvaged item.
- I. Deliver salvaged items to Owner. Obtain signed receipt from Owner.

3.3 DEMOLITION

- A. Conduct demolition to minimize interference with adjacent and occupied building areas.
- B. Maintain protected egress from and access to adjacent existing buildings at all times.
- C. Disconnect and remove designated utilities within demolition areas.
- D. Cap and identify abandoned utilities at termination points when utility is not completely removed. Annotate Record Drawings indicating location and type of service for capped utilities remaining after demolition.
- E. Demolish in orderly and careful manner. Protect existing improvements.
- F. Carefully remove building components indicated to be reused.
 - 1. Disassemble components as required to permit removal.
 - 2. Package small and loose parts to avoid loss.
 - 3. Mark components and packaged parts to permit reinstallation.
 - 4. Store components, protected from construction operations, until reinstalled.
- G. Remove demolished materials from site except where specifically noted otherwise. Do not burn or bury materials on site.
- H. Remove materials as Work progresses. Upon completion of Work, leave areas in clean condition.
- I. Remove temporary Work.
- J. Protect all materials and equipment remaining.

END OF SECTION

SECTION 03 01 00

MAINTENANCE OF CONCRETE

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Concrete surface repair.
 - 2. Concrete crack repair.

1.2 UNIT PRICE - MEASUREMENT AND PAYMENT

- A. Repair Surface:
 - 1. Basis of Measurement: By the square foot.
 - 2. Basis of Payment: Includes surface preparation, reinforcement and concrete repair, and finishing.
- B. Crack Repair:
 - 1. Basis of Measurement: By the linear foot.
 - 2. Basis of Payment: Includes surface preparation, injection ports, repair materials, and surface finishing.

1.3 REFERENCES

- A. ASTM International:
 - 1. ASTM C109/C109M - Standard Test Method for Compressive strength of Hydraulic Cement Mortars.
 - 2. ASTM C150 - Standard Specification for Portland Cement.

1.4 SUBMITTALS

- A. Section 01 33 00 - Submittal Procedures: Submittal procedures.
- B. Product Data: Submit product standards, physical and chemical characteristics, technical specifications, limitations, maintenance instructions, and general recommendations regarding each material.

1.5 CLOSEOUT SUBMITTALS

- A. Section 01 70 00 - Execution and Closeout Requirements: Closeout procedures.
- B. Project Record Documents: Accurately record actual locations of repairs, and type of repair.
- C. Operation and Maintenance Data: Procedures for submittals.

1.6 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum (3) three years experience.
- B. Applicator: Company specializing in concrete repair with minimum (3) three years experience.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Section 01 60 00 - Product Requirements: Product storage and handling requirements.
- B. Comply with instructions for storage, shelf life limitations, and handling.

PART 2 PRODUCTS

2.1 EPOXY MORTAR MATERIALS

- A. Manufacturers:
 - 1. Sika Corporation – SikaTop 123 Plus.

2.2 MIXING EPOXY MORTAR

- A. Mix epoxy mortars to consistency for purpose intended.
- B. Mix components in clean equipment or containers. Conform to pot life and workability limits.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Section 01 30 00 - Administrative Requirements: Coordination and project conditions.
- B. Verify surfaces are ready to receive work.
- C. Beginning of installation means acceptance of existing surfaces.

3.2 PREPARATION

- A. Clean concrete surfaces of dirt, laitance, corrosion, or other contamination; wire brush using water; rinse surface and allow to dry.
- B. Flush out cracks and voids with chemical solvent to remove laitance and dirt. Chemically neutralize by rinsing with water.

- C. For areas patched with epoxy mortar, remove broken and soft concrete 1/4 inch deep. Remove corrosion from steel. Clean surfaces mechanically; wash and rinse with water.

3.3 REPAIR WORK

- A. Repair exposed structural, shrinkage, and settlement cracks of concrete by epoxy application with bonding agent.
- B. [Repair spalling.] [Fill voids flush with surface.] [Apply surface finish.]

3.4 INJECTION - EPOXY RESIN

- A. Inject epoxy resin adhesive into prepared ports under pressure using equipment appropriate for particular application.
- B. Begin injection at lower entry port and continue until adhesive appears in adjacent entry port. Continue from port to port until entire crack is filled.
- C. Remove temporary seal and excess adhesive.
- D. Clean surfaces adjacent to repair and blend finish.

3.5 APPLICATION - EPOXY MORTAR

- A. Trowel apply mortar mix to average thickness of 1/4 inches. Tamp into place filling voids at spalled areas.
- B. For patching honeycomb, trowel mortar onto surface, work mortar into honeycomb to bring surface flush with surrounding area. Finish trowel surface to match surrounding area.
- C. Cover exposed steel reinforcement with epoxy mortar, feather edges to flush surface.

3.6 SCHEDULE

- A. Provide a smooth trowel finish and feather into adjoining field.

END OF SECTION

SECTION 09 96 00

HIGH-PERFORMANCE COATINGS

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes high performance coatings and special preparation of surfaces.
- B. Related Sections:
 - 1. Section 09 90 00 - Painting and Coating.

1.2 REFERENCES

- A. ASTM International:
 - 1. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
- B. Federal Specification Unit:
 - 1. FS A-A-3120 - Paint: For Swimming Pools.
 - 2. FS TT-C-555 - Coating, Textured (For Interior and Exterior Masonry Surfaces).
- C. SSPC: The Society for Protective Coatings:
 - 1. SSPC - Steel Structures Painting Manual.

1.3 PERFORMANCE REQUIREMENTS

- A. Minimum Performance Criteria: Provide coating systems meeting the following, unless more stringent criteria are specified:
 - 1. Abrasion Resistance
 - 2. Impact Resistance
 - 3. Water Resistance
 - 4. Lead Content: None.
 - 5. Scrubbability
 - 6. Gloss and Color Retention

1.4 SUBMITTALS

- A. Section 01 33 00 - Submittal Procedures: Submittal procedures.
- B. Product Data: Submit data indicating coating materials and performance ratings.
- C. Manufacturer's Installation Instructions: Submit procedures.

1.5 CLOSEOUT SUBMITTALS

- A. Section 01 70 00 - Execution and Closeout Requirements: Closeout procedures.

- B. Operation and Maintenance Data: Submit maintenance and cleaning requirements for coatings.

1.6 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years experience.
- B. Applicator: Company specializing in performing Work of this section with minimum three years experience.

1.7 ENVIRONMENTAL REQUIREMENTS

- A. Section 01 60 00 - Product Requirements.
- B. Restrict traffic from area where coating is being applied or is curing.

1.8 WARRANTY

- A. Section 01 70 00 - Execution and Closeout Requirements: Product warranties and product bonds.
- B. Warranty: Include coverage for bond to substrate and, degradation of chemical resistance.

1.9 EXTRA MATERIALS

- A. Section 01 70 00 - Execution and Closeout Requirements: Spare parts and maintenance products.
- B. Supply 1/2 gallon of each color coating specified, for Owner's maintenance use.
- C. Label each container with manufacturer's name, product number, color number, and room name.

PART 2 PRODUCTS

2.1 HIGH PERFORMANCE COATINGS

- A. See Drawings.

2.2 COMPONENTS

- A. Coatings - General: Furnish complete multi-coat systems formulated and recommended by manufacturer for applications indicated, in thicknesses indicated; number of coats specified does not include primer or filler coat.
 - 1. Lead content: None.
 - 2. Chromium content, as zinc chromate or strontium chromate: None.
 - 3. Maximum VOC content: As required by applicable regulations.

- B. Masonry Filler: Vehicle and resin compatible with topcoats, portland cement and sand.
- C. Primers: As recommended by coating manufacturer for specific substrate.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Section 01 30 00 - Administrative Requirements: Coordination and project conditions.
- B. Verify substrate surfaces are ready to receive work as instructed by coating manufacturer. Obtain and follow manufacturer's instructions for examination and testing of substrates.

3.2 PREPARATION

- A. Clean surfaces of loose foreign matter.
- B. Remove substances that would bleed through finished coatings. When removal is not possible, seal surface with shellac.
- C. Remove finish hardware, fixture covers, and accessories and store.
- D. Existing Painted and Sealed Surfaces:
 - 1. Strip existing paint and coatings from surface.

3.3 INSTALLATION

- A. Concrete: Prior to priming, patch with masonry filler to produce smooth surface.
- B. Apply in uniform thickness coats, without runs, drips, pinholes, brush marks, or variations in color, texture, or finish. Finish edges, crevices, corners, and other changes in dimension with full coating thickness.

3.4 CLEANING

- A. Section 01 70 00 - Execution and Closeout Requirements: Final cleaning.
- B. Collect waste material which may constitute fire hazard, place in closed metal containers, and remove daily from site.
- C. Clean surfaces immediately of overspray, splatter, and excess material.
- D. After coating has cured, clean and replace finish hardware, fixtures, and fittings previously removed.

3.5 SCHEDULE

- A. Colors: To match existing.

END OF SECTION

SECTION 13 11 00

SWIMMING POOLS

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes swimming pool elated accessories.

1.2 REFERENCES

- A. National Spa and Pool Institute:
 - 1. NSPI 1 - Standard for Public Swimming Pools.

1.3 SUBMITTALS

- A. Section 01 33 00 - Submittal Procedures: Submittal procedures.
- B. Product Data: Submit data on equipment, accessories, and.

1.4 QUALITY ASSURANCE

- A. Perform work in accordance with NSPI standards for design and construction.

1.5 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience.

1.6 FIELD MEASUREMENTS

- A. Verify field measurements prior to fabrication.

PART 2 PRODUCTS

2.1 COMPONENTS

- A. Anchors: Non-corrosive lane marker anchors.
 - 1. Manufacturer: Atlantis

PART 3 EXECUTION

3.1 INSTALLATION - COMPONENTS AND ACCESSORIES

- A. Install pool accessories and fittings.

END OF SECTION