

City of Mentor

EXPIRES: MAY 31, 2023

Specification for Hydraulic Elevator Modernization
& Maintenance

The City of Mentor

8500 Civic Blvd

Mentor, Ohio 44060

Prepared under the supervision of

Ritter Elevator Consulting
1052 Lode Star Drive Roaming Shores, Oh 44085
216-296-3501
July 11, 2022

Approved By:
Matt Schweikert
Director of Public Works
Date: _____, 2022

CITY OF MENTOR OFFICIALS

ADMINISTRATION

Kenneth J. Filipiak, City Manager

David W. Malinowski, Finance Director

Joseph P. Szeman, Law Director

David A. Swiger, City Engineer

Matthew Schweikert, Director of Public Works

Kenneth Kaminski, Director of Parks, Recreation and Public Facilities

Kevin Malecek, Director of Economic Development and International Trade

Kathy Mitchell, Planning Director

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ADVERTISEMENT FOR BIDS/PUBLIC NOTICE TO BIDDERS

Sealed proposals will be received at the Purchasing Department, City of Mentor, 8500 Civic Center Boulevard, 2nd Floor Conference Room, Mentor, Ohio until 12 NOON on August 19, 2022 and will be opened and read immediately thereafter for the following project:

**HYDRAULIC ELEVATOR MODERNIZATION AND MAINTENANCE
CONSTRUCTION COMPLETION DATE: MAY 31, 2023**

Bids must be in accordance with specifications advertised on the City of Mentor website: www.cityofmentor.com/category/rfp or RFP's will be available for pick-up at the Purchasing Office for the cost of printing. Bidders are responsible for checking for Addenda and obtaining any from the website.

By order of:

Kenneth J. Filipiak, City Manager
(cityofmentor.com/legal notices)

News Herald:

August 5, 2022
August 12, 2022

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SECTION 1
BID DOCUMENTS AND BID FORMS

INSTRUCTIONS TO BIDDERS

PART 1 GENERAL

- 1.1 Sealed bids shall be received by the Owner at the location specified and until the time and date specified in the Advertisement for Bids/Public Notice to Bidders.
- 1.2 Each bid shall contain the full name and address of each person or company interested in said bid. If no other person be so interested, the Bidder shall distinctly so state the fact.
- 1.3 Bid forms must be completed in ink or by typewriter. Any corrections to the bid forms prior to submission must be initialed by the person signing the bid. Failure to submit any bid form(s) or other required document(s) may be cause for rejection of the bidder's bid at the sole discretion of the Owner.
- 1.4 Bids by Corporations must be executed in the corporate name by the President, Vice President, or other officer accompanied by evidence of authority to sign and the corporate seal must be affixed and attested by the Secretary on the Corporate Resolution form.
- 1.5 Bids by partnerships must be executed in the partnership name and signed by a partner, whose title must appear under the signature.
- 1.6 All names must be typed or printed below the signature.
- 1.7 The bid shall contain an acknowledgment of receipt of all Addenda.
- 1.8 If a Bidder wishes to withdraw his bid prior to the opening of bids, he shall state his purpose in writing to the Owner before the time fixed for the opening, and when reached it shall be handed to him unread.
- 1.9 After the opening of bids, no Bidder may withdraw his bid for a period of 60 days.

PART 2 EXAMINATION OF CONTRACT DOCUMENTS AND SITE

- 2.1 Before submitting a bid, each Bidder must
 - A. Examine the Contract Documents thoroughly.
 - B. Visit the site to familiarize himself with local conditions that may in any manner affect cost, progress, or performance of the work.
 - C. Familiarize himself with Federal, State, and local laws, ordinances, rules, and regulations that may in any manner affect cost, progress, or performance of the work.
 - D. Study and carefully correlate Bidder's observations with the Contract Documents.

- 2.2 Reference is made to the Specific Project Requirements for the identification of any reports of physical conditions at the site or otherwise affecting cost, progress or performance of the work which have been relied upon by the Engineer/Consultant in preparing the specifications. Owner will make copies of such reports available to any Bidder requesting them if not made available with the bid documents. These reports are not guaranteed as to accuracy or completeness; nor are they part of the Contract Documents. Before submitting his bid each Bidder will, at his own expense, make such additional investigations as the Bidder may deem necessary to determine his bid for performance of the work in accordance with the time, price and other terms and conditions of the Contract Documents.
- 2.3 Upon request, the Owner will provide each Bidder access to the site to conduct such reasonable investigations as each Bidder deems necessary for submission for his bid.
- 2.4 The submission of a bid will constitute an incontrovertible representation by the Bidder that he has complied with every requirement of this section and that the Contract Documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the work.

PART 3 CONTRACTOR'S QUALIFICATION

- 3.1 Bidder shall provide information relating to similar projects completed within the past 5 years and shall include a list of projects currently under construction including status and contact person. Bidders experience shall demonstrate capabilities to undertake this type of project.
- 3.2 Bidder shall own, have rental or lease agreements for, or otherwise have readily available any and all equipment and tools necessary for proper execution of the work. The Owner reserves the right to request lists of equipment or tools available for the project including sources.
- 3.3 Bidder shall provide pertinent information to the Owner relative to any pending suits or outstanding liens. If no information is provided by the Bidder, the Owner shall assume that any such suits or liens do not exist.
- 3.4 The Owner may require similar information on any or all subcontractors proposed by the Bidder.

PART 4 SUBCONTRACTORS

- 4.1 The Bidder shall state on the appropriate bid form the names of all Subcontractors proposed and the items of work they are to be assigned. All work not assigned to a Subcontractor shall be assumed by the Owner to be performed by the Bidder.
- 4.2 The successful Bidder shall not subcontract work totaling more than 50% of the total contract.

- 4.3 The Owner reserves the right to approve all subcontractors proposed by the Bidder. If the Owner, after due investigation, rejects the use of a proposed subcontractor, the apparent successful Bidder may either submit an acceptable substitution without increase in bid price or decline substitution and withdraw his bid without sacrificing his bid security. Any listed subcontractor to whom the Owner does not make written objection prior to award of contract, shall be deemed acceptable to the Owner.
- 4.4 Requests for changes of Subcontractor by the Bidder after the award shall be subject to the Owner's approval and shall not change the contract bid prices.
- 4.5 No contractor shall be required to employ any Subcontractor, person or organization against whom he has reasonable objection.

PART 5 BID REVIEW BY OWNER

- 5.1 The Owner reserves the right to reject any and all bids, to waive as an informality any and all irregularities, and to disregard all nonconforming, nonresponsive or conditional bids.
- 5.2 All totals submitted as part of the bid shall be considered informal until verified by the Owner. All bids must be made on the forms contained herein and the bid prices must be written in figures only. Should an error be determined while checking the Contractor's total bid. Each bidder must bid on all Items, Alternates, Deductions, and Additions contained in the Bidding Forms. All bids not in conformity with this notice may be considered informal and may be rejected.
- 5.3 In evaluating bids, the Owner may consider:
 - A. The qualifications and experience of the Bidder, proposed subcontractors, and principal material suppliers as outlined in the plans and specifications.
 - B. Financial ability and soundness of the Bidder and proposed subcontractors.
 - C. Completeness of all bid forms and bid requirements.
 - D. Alternates and unit prices requested in the Bid Forms.
 - E. Unit prices or schedules of values that are or appear to be unbalanced.
 - F. Previous contractual experience with the Owner.
 - G. Whether or not the bid package complies with the prescribed requirements.
 - H. Any other matter allowed by law or local ordinance or resolution.
- 5.4 Owner may conduct further investigations as he deems necessary to assist in the evaluation of any bid and to establish the responsibility, qualifications, and financial

ability of the Bidders, proposed Subcontractors, and other persons and organizations to do the work in accordance with the Contract Documents to Owner's satisfaction within the prescribed time.

- 5.5 Owner reserves the right to reject the bid of any Bidder who does not pass any such evaluation to Owner's satisfaction.
- 5.6 The Contract award shall be based on the lowest and best bid or lowest responsive and responsible bid (as applicable for the public contracting agency receiving bids) for the base bid and selected alternate items (if any) for this project.

PART 6 BID SECURITY

- 6.1 Each bid must be accompanied by a certified or cashier's check in the amount of 10% of the amount bid, an irrevocable letter of credit in the amount of 10% of the amount bid or an original bond in the amount of 100% of the amount bid per ORC 153.54 and 153.571. The certified or cashier's check, or irrevocable letter of credit shall be from a financial institution authorized to transact business in the State of Ohio and acceptable to the Owner. The bond shall be underwritten by a Surety Company authorized to transact business in the State of Ohio having an Ohio agent and listed on the most current Department of the Treasury Circular 570, "Surety Companies Acceptable on Federal Bonds." The bond shall be a "Bid Guarantee and Contract Bond" ("rollover bond") per O.R.C. sections 153.54 and 153.571 submitted for the full amount of the bid including all alternates, if any.

If bid security is made by bond, the Bidder and his Surety shall sign the Supplemental Bond Acknowledgement form and submit with his bid.

- 6.2 The certified or cashier's check, irrevocable letter of credit, or bond shall be made payable to the Owner and shall serve as a guarantee that in the event the bid is accepted and a contract is awarded to the successful Bidder, the contract will be executed by the bidder including any certifications, certificates or additional bonds required by the contract.
- 6.3 Failure on the part of the successful Bidder to execute the contract documents will cause the certified or cashier's check, irrevocable letter of credit, or bond to be forfeited to the Owner as damages.
 - A. If the Owner awards the contract without rebidding, the Bidder (and the Surety on his bond if a bond was submitted) shall be liable to the Owner for a penal sum not to exceed the difference between the low bid and the next lowest bidder or 10% of the amount of the bid, whichever is less.
 - B. If the Owner does not award the Contract to the next lowest Bidder, but resubmits the project for bidding; the Bidder (and the Surety on his bond if a bond was submitted) shall be liable to the Owner for a penal sum not to exceed the costs in connection with the resubmission of bids or 10% of the amount of the bid, whichever is less.

- 6.4 Checks or letters of credit for bid security of all bidders will be returned in the manner and timeframe stipulated in the Ohio Revised Code.

PART 7 CONTRACT BOND

- 7.1 As security for faithful performance and payment of all obligations under the Contract, the Owner shall require and the successful Bidder shall furnish either:
- A. "Bid Guarantee and Contract Bond" (AKA "rollover bond") per O.R.C. sections 153.54 and 153.571.
 - B. Contract Bond per Ohio Revised Code Sections 153.54 and 153.57, in the amount of 100% of the Contract Price. The Contractor and his Surety shall sign the Supplemental Bond Acknowledgement form and submit with the Contract forms.
- 7.2 The bond shall be underwritten by a Surety Company authorized to transact business in the State of Ohio having an Ohio agent and listed on the most current Department of the Treasury Circular 570, "Surety Companies Acceptable on Federal Bonds."
- 7.3 The contract bond shall cover correction of the work for the period stated in the specifications and the correction period shall start upon Final Acceptance of the entire project and final payment by the Owner.
- 7.4 Nothing in the performance of the Engineer/Consultant's service to the Owner in connection with this project shall in any way imply any undertaking for the benefit of the successful Bidder, its subcontractor(s), or the surety of any of them.

PART 8 AWARD AND EXECUTION OF CONTRACT

- 8.1 After the Owner's legislative body awards the project, the successful bidder will receive the unsigned contract documents. Within 10 days after their receipt, the successful Bidder shall sign and deliver to the Owner said contract documents including any certifications, certificates, or additional bonds required by the contract.
- 8.2 The Owner shall execute the Contract within 60 days after the day of the bid opening. When necessary and by mutual consent between the Owner and the Successful Bidder, this 60-day period may be extended.
- 8.3 The date of the Owner's signature on the Contract Agreement shall be the effective contract date.
- 8.4 The Owner shall execute and deliver to the successful Bidder one (1) set of fully executed contract documents.

PART 9 INSURANCE

- 9.1 Verification of limits for public liability, property damage, automobile, Worker's Compensation, or any other insurance required by the provisions of this Contract must be submitted to the Owner prior to execution of the Contract.
- 9.2 All insurance shall be endorsed so that it cannot be cancelled for non-payment of premium for 10 days or cancelled or non-renewed for any other reason in less than 30 days after a written notice of such proposed action by the insurer is given to the Owner. The cancellation clause on the Certificate(s) of Insurance shall read as specified in the Supplementary Conditions and failure to submit an insurance certificate and/or policy endorsement verifying same shall be reason for the Owner to consider the Contractor non-responsive in complying with the requirements for contract execution and may be cause for forfeiture of the Bid Security to Owner.
- 9.3 The Contractor's Liability Insurance policy(s) shall be endorsed such that limits are on a Per Project basis.
- 9.4 The Contractor shall also provide an Owner's and Contractor's Protective Policy.

PART 10 NON-COLLUSION AFFIDAVIT

- 10.1 Each bid must be accompanied by a completed Non-collusion Affidavit provided within the contract documents.
- 10.2 Where there is reason to believe collusion or combination among bidders exists, the Owner reserves the right to reject the bid of those concerned.

PART 11 DELINQUENT PERSONAL PROPERTY STATEMENT

- 11.1 Included with the contract documents is a Delinquent Personal Property Statement to be filled out by the successful Bidder.
- 11.2 The statement shall remain in the contract documents.

PART 12 ORIGINAL DOCUMENTS

- 12.1 All bid forms, contract forms, bonds and any other bid documents or contract documents requiring signatures shall be submitted with original signatures.

FORM OF NONCOLLUSION AFFIDAVIT

STATE OF _____)

) SS

COUNTY OF _____)

_____, being first duly sworn, deposes and says that he/she

(Individual Name)

is _____ of _____ the party making the

(Sole Owner, Partner, President, Secretary, etc.)

(Corporation Name)

proposal or bid; that such bid is genuine and not collusive or sham; that said Bidder has not colluded,

conspired, connived, or agreed, directly or indirectly with any Bidder or person, to put in a sham bid, or that

such other person shall refrain from bidding, and has not in any manner, directly or indirectly sought by

agreement or collusion or communication or conference, with any person, to fix the bid price of affiant or any

other Bidder, or to fix any overhead, profit, or cost element of said Bid price, or of that of any other Bidder, or

to secure any advantage against the Owner, or any person interested in the proposed Contract; and that all

statements contained in said proposal or bid are true; and further, that such Bidder has not, directly or

indirectly submitted this Bid, or the contents thereof, or divulged information or data relative thereto to any

association or to any member or agent thereof.

Affiant

Subscribed and sworn to before me this _____ day of _____, 2022.

Notary Public

My Commission Expires: _____

CORPORATE RESOLUTION

I, _____,
(Individual Name)

Secretary of _____ an _____ Corporation
(Corporation Name) (State)

hereby certify that the Board of Directors of said Corporation on the _____ day of _____, 20____, adopted a resolution authorizing the _____ of this
(Corporation Title, i.e., President, Vice President, etc.)

Company, namely, _____, to sign bid proposals, sign and
(Individual Name)

enter into any and all contracts and other instruments, sign and/or authorize bid guaranty and performance bonds for the purpose of furnishing labor and materials at such price and upon such terms and conditions, including any amendments or modifications thereto, as said _____ in his sole discretion shall deem best, and that said actions

(Corporation Title, i.e., President, Vice President, etc.)
shall be binding upon the Corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Corporation at _____, _____ this _____ day
(City) (State)
of _____, 20____, and I further certify that said resolution is still in full force and effect.

Corporate Secretary

PROPOSED SUBCONTRACTORS

The Bidder is required to state in the spaces provided below, the Subcontractors he proposes to use to accomplish the work under this Contract. The items and specific amounts of work assigned to each listed Subcontractor shall also be outlined. Duplicate this sheet as needed.

1. Name: _____
Address: _____
City/State/Zip: _____
Description: _____
Phone: () _____ Amount: \$ _____ % of Contract: _____

2. Name: _____
Address: _____
City/State/Zip: _____
Description: _____
Phone: () _____ Amount: \$ _____ % of Contract: _____

3. Name: _____
Address: _____
City/State/Zip: _____
Description: _____
Phone: () _____ Amount: \$ _____ % of Contract: _____

4. Name: _____
Address: _____
City/State/Zip: _____
Description: _____
Phone: () _____ Amount: \$ _____ % of Contract: _____

EXPERIENCE RECORD

The Bidder is required to state the character of previous work, give references, and such other detailed information as will enable the Owner to determine capability, responsibility, experience, skill, and financial standing. Provide data for the last five (5) years. Duplicate this sheet as needed. **Information submitted in an alternate format MUST contain all the information requested on this page.**

Project Name: _____

Description/Scope of Bidder's Work: _____

On this project you were a _____ Prime Contractor **OR** _____ Sub Contractor

Total Project Cost : \$ _____ Bidder's Contract or Subcontract Amount: \$ _____

% Complete (if in progress): _____ % or Date Completed (if complete): _____

Project Owner: _____

Contact Person: _____ Phone: () _____

Engineer/Arch. Firm: _____

Contact Person: _____ Phone: () _____

Bonding Company: _____

Project Name: _____

Description/Scope of Bidder's Work: _____

On this project you were a _____ Prime Contractor **OR** _____ Sub Contractor

Total Project Cost : \$ _____ Bidder's Contract or Subcontract Amount: \$ _____

% Complete (if in progress): _____ % or Date Completed (if complete): _____

Project Owner: _____

Contact Person: _____ Phone: () _____

Engineer/Arch. Firm: _____

Contact Person: _____ Phone: () _____

Bonding Company: _____

Project Name: _____

Description/Scope of Bidder's Work: _____

On this project you were a _____ Prime Contractor **OR** _____ Sub Contractor

Total Project Cost : \$ _____ Bidder's Contract or Subcontract Amount: \$ _____

% Complete (if in progress): _____ % or Date Completed (if complete): _____

Project Owner: _____

Contact Person: _____ Phone: () _____

Engineer/Arch. Firm: _____

Contact Person: _____ Phone: () _____

Bonding Company: _____

BIDDER'S INSURANCE AGENT'S AFFIDAVIT

PROJECT: _____

OWNER: _____

I, _____, _____, first being duly
(Name) (Title)
sworn do state the following:

- (a) that I am an Insurance Agent licensed to transact business in the State of Ohio;
- (b) that I have reviewed the insurance requirements in the bid documents and have noted therein the requirements on insurance including the policy modifications, cancellation, and non-renewal provisions;
- (c) that I am familiar with the insurance that _____
(Bidder's Company Name)
has in force, and that its insurance meets the contract requirements or that it can be amended or endorsed to meet the contract requirements until the current policy expiration;
- (d) that all additional policies required in the specifications are available;
- (e) that if an award of contract is made to the Bidder an insurance certificate(s) will be issued within three (3) business days, which fully complies with all contract requirements;
- (f) that I have advised my client of the cost of all additional policies, amendments, and/or endorsements so that same is included in his bid.
- (g) that the cancellation clause on the Certificate(s) of Insurance shall read substantially as follows: "Should any of the above described policies be modified, cancelled, or not renewed before the expiration date thereof, the issuing insurer will mail 30 days written notice to the certificate holder named to the left." The words "endeavor to" will not be allowed in the cancellation clause.

Further, Affiant sayeth naught.

(Agent's Signature)

Agency Name

(Agent's Name)

Agency Address

(Phone)

(Fax)

Sworn to and subscribed in my presence this _____ day of _____, 20_____.

(Notary Public) (SEAL)

SUPPLEMENTAL BOND ACKNOWLEDGEMENT

PROJECT: _____

OWNER: _____

If the bidder submits a Bid Guaranty and Contract Bond (AKA Rollover or Bid/ Performance/ Payment/ Warranty Bond) per O.R.C. Sections 153.54 and 153.571 the following shall be completed, signed, and submitted with the bid:

By submission of the attached bid and these presents, the undersigned bidder and his surety hereby acknowledge that the attached bond shall cover and warrant all work for the correction period per Section 13.07 of the General Conditions and as supplemented or amended elsewhere in these Contract Documents, which period is _____ year(s) commencing on the final acceptance of the work by Owner. Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the project or part of the project is located and shall be instituted within one year from the last day of the correction period under the project or within one year after the Surety refuses or fails to perform its obligations under this Bond, whichever first occurs.

BIDDER

SURETY

SIGNATURE: _____	SIGNATURE: _____
NAME: _____	NAME: _____
TITLE: _____	TITLE: _____
DATE: _____	DATE: _____

*Attach Power of Attorney

If the Bidder submits a Certified or Cashier's check, Irrevocable Letter of Credit and is awarded a contract by the Owner, the following shall be completed, signed, and submitted with the Contract Performance/Payment/Warranty Bond per ORC Sections 153.54 and 153.57.

By signature of the attached Contract and these presents the undersigned contractor and his surety acknowledge that the attached Bond shall cover and warrant all work for the correction period per Section 13.07 of the General Conditions and as supplemented or amended elsewhere in these Contract Documents, which period is _____ year(s) commencing on the final acceptance of the work by Owner. Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the project or part of the project is located and shall be instituted within one year from the last day of the correction period under the project or within one year after the Surety refuses or fails to perform its obligations under this Bond, whichever first occurs.

BIDDER

SURETY

SIGNATURE: _____	SIGNATURE: _____
NAME: _____	NAME: _____
TITLE: _____	TITLE: _____
DATE: _____	DATE: _____

*Attach Power of Attorney

BID SECURITY

**CONTRACTOR SHALL STAPLE ONE OF THE FOLLOWING FORMS
OF BID SECURITY TO THE FRONT OF THIS PAGE AND
SUBMIT WITH THE BID.**

CERTIFIED OR CASHIER'S CHECK FOR 10% OF THE AMOUNT BID

OR

IRREVOCABLE LETTER OF CREDIT FOR 10% OF THE AMOUNT BID

OR

**BOND (BID/PERFORMANCE/PAYMENT" BOND, a.k.a., "ROLLOVER BOND") FOR
100% OF THE AMOUNT BID PER ORC SECTIONS 153.54 AND 153.571**

STATEMENT OF BIDDER QUALIFICATIONS

BIDDER NAME (print/type): _____

BIDDER ADDRESS: _____

BIDDER CONTACT: _____

BIDDER PHONE NUMBER: _____

BIDDER FAX NUMBER: _____

BIDDER E-MAIL: _____

Federal Tax Identification Number: _____

State Tax Identification Number: _____

BID RESPONSE FORM

Date: _____

ITEM #1 – BASE BID – The modernization, interim maintenance, and 12-month maintenance service for two (2) Hydraulic Elevator Systems installed at the City of Mentor, 8500 Civic Blvd, Mentor, Ohio 44060 as per the attached specifications:

_____ Dollars (\$ _____).

ITEM #2 – SUPPLEMENTAL PRICING - New Entrances and Doors: The cost for a new stainless steel Hoistway Entrances and Doors, including required framing, trim, and finish work for all openings on both elevators:

\$ _____

ITEM #3 - FULL-SERVICE MAINTENANCE - The maintenance of five (5) Passenger elevators and one (1) dumbwaiter as per the included contract specifications. The cost for the two newly modernized elevators will be added to the five-year agreement at the end of the warranty maintenance period.

Five-year term service contract to commence January 1, 2023.

Maintenance cost excluding the newly modernized units (this cost not included in the base price):

YEAR 1: \$ _____

YEAR 2: \$ _____

YEAR 3: \$ _____

YEAR 4: \$ _____

YEAR 5: \$ _____

Monthly maintenance cost for two newly modernized units to be added to the above cost after 12-month warranty maintenance period:

\$ _____/month for both elevators

BID RESPONSE FORM (Continued)

ITEM #4 – SPECIAL BILLING RATES - Hourly Wage rates (including Fringe Benefits) are required by the City of Mentor to be submitted for any work that is not covered by the modernization or service contract.

A. Team: \$ _____per hour

B. Adjuster: \$ _____per hour

C. Mechanic: \$ _____per hour

D. Helper: \$ _____per hour

Proposed Project Schedule attached for review: _____(Initials)

SECTION 2
CONTRACT FORMS

NOTICE OF AWARD

TO: Contractor

PROJECT: HYDRAULIC ELEVATOR MODERNIZATION & MAINTENANCE PROJECT

You are notified that your Bid which was opened on _____ has been accepted for items in the amount of \$0.00 at the unit bid prices as reflected in the bid tabulation contained herein for Base Bid and Alternates.

You are required by the Instructions to Bidders to execute the Agreement and furnish the required Bonds, Certificates of Insurance, and other documents within 10 calendar days from the date of receipt of this Notice.

Failure to comply with these conditions within the time specified will entitle Owner to consider your Bid in default, to annul this Notice and to declare your Bid Security forfeited.

The Owner will return to you one (1) fully signed set of the contract documents.

CITY OF MENTOR

Kenneth J. Filipiak, City Manager

Date

ACKNOWLEDGMENT

CONTRACTOR

Contractor, President

Date

CONTRACT

FOR HYDRAULIC ELEVATOR MODERNIZATION & MAINTENANCE PROJECT

THIS AGREEMENT, made and entered into at Mentor, Ohio, this _____ day of _____, 2022, by and between the City of Mentor (“OWNER”), Ohio and Contractor (“CONTRACTOR”).

WITNESSETH: That the said CONTRACTOR has agreed and by this presents does agree with the OWNER for the consideration hereinafter mentioned and contained, and under penalty expressed in a bond given with these presents, and herein contained or hereunto annexed, to furnish at its own cost and expense, all the necessary tools, equipment, materials, labor, and tests in an expeditious, substantial and workmanlike manner, the equipment and appurtenances herein contemplated, commencing work within 20 days from the date of the Notice to Proceed and executing the work within the time and in the manner specified and in conformity with the requirements set forth in this Contract.

The following form essential parts of the Contract (may vary with project).

1. Advertisement for Bids/Public Notice to Bidders
2. Instruction to Bidders
3. Bid Forms and Proposal
4. Contract Forms and Exhibits
5. Contract Bond – ORC 153.571 or ORC 153.57
6. Contract Provisions
7. General Conditions
8. Supplementary Conditions
9. Specifications
10. Specific Project Requirements
11. Prevailing Wage Rate Schedule
12. Contract Drawings; if any.

The CONTRACTOR agrees and understands that the work on this contract shall be subject to the acceptance of the OWNER based upon and in accordance with the contract specifications and contract plans and drawings on file in the office of the OWNER.

The Contractor agrees that each individual employed by the Contractor or any Subcontractor and engaged in work on the project under this contract shall be paid by prevailing wage established by the Department of Industrial Relations of the State of Ohio or the U.S. Department of Labor (Davis-Bacon Act) as detailed in the section titled "Wage Rates." This shall occur regardless of any contractual relationship which may be said to exist between the Contractor or any Subcontractor and such individual.

The CONTRACTOR shall proceed with the said work in a prompt and diligent manner and shall do the several parts thereof. Further he shall complete the whole of said work in accordance with the specifications and contract drawings to the satisfaction of the OWNER on or before the time stated, and in default of completion within the time as fixed, the CONTRACTOR shall pay to the OWNER as liquidated damages, an amount equal to \$500.00 Per Day, for each and every day (Sundays and legal holidays excepted) the completion of the work may be delayed beyond the date fixed in the manner and as stipulated.

It is hereby mutually agreed that the OWNER is to pay and the CONTRACTOR is to receive, as full compensation for furnishing all materials and labor in building, constructing and testing and in all respect completing the herein described work and appurtenances in the manner and under the conditions herein specified, the prices stipulated in the proposal herein contained or hereto annexed and the total contract sum is \$0.00.

This Contract shall be in full force and effect from the date of execution by the parties.

IN WITNESS WHEREOF: The parties hereunto affixed their signature the day and year first mentioned above.

CONTRACTOR

Contractor, President

CITY OF MENTOR

Kenneth J. Filipiak, City Manager

I hereby certify that funds in the amount of 00/100 Dollars (\$0.00) necessary for the foregoing Contract have been appropriated and are in the Treasury, or are in the process of collection, or are available through grants and/or loans from other funding sources.

David W. Malinowski, Finance Director

APPROVED AS TO FORM:

Joseph P. Szeman, Law Director

**THE CONTRACTOR SHALL FURNISH THE FOLLOWING ITEMS
WITHIN 10 DAYS OF NOTIFICATION OF AWARD:**

- A) **CERTIFICATE OF INSURANCE FOR
CONTRACTOR'S PUBLIC LIABILITY INSURANCE POLICY
AND AUTOMOTIVE INSURANCE POLICE**

 - B) **CERTIFICATE OF INSURANCE FOR
OWNER'S AND CONTRACTOR'S PROTECTIVE POLICY**

 - C) **CERTIFICATE OF WORKER'S COMPENSATION**

 - D) **CONTRACT BOND THAT COMPLIES WITH ORC 153.54 AND 153.57**
Submitted bond complying with ORC 153.54 and 153.571 (rollover bond) with Bid
- * D above is not required if a bond complying with ORC 153.54 and 153.571 (rollover bond) was submitted at time of bid.
- E) **DRUG-FREE SAFETY OR COMPARABLE PROGRAM**

 - E) **EEO CERTIFICATE OF COMPLIANCE**

DELINQUENT PERSONAL PROPERTY STATEMENT

Contractor, having been awarded a contract by the City of Mentor, Ohio, hereby affirms under oath, pursuant to Ohio Revised Code Section 5719.042, that at the time the bid was submitted, my company **was / was not (CIRCLE ONE)** charged with delinquent personal property taxes on the General Tax List of Personal Property for Lake County, Ohio.

If such charge for delinquent personal property tax exists on the General Tax List of Personal Property for Lake County, Ohio, the amount of such due and unpaid delinquent taxes, including due and unpaid penalties and interest shall be set forth below.

This statement shall also be incorporated into the Contract made between City of Mentor, Ohio, and CONTRACTOR, and no payment shall be made with respect to any Contract unless such statement has been so incorporated as a part thereof.

Delinquent Personal Property Tax	\$ _____
Penalties	\$ _____
Interest	\$ _____

CONTRACTOR

Contractor, President

AFFIDAVIT
OF COMPLIANCE WITH OHIO REVISED CODE SECTION 3517.13

STATE OF OHIO

COUNTY OF _____

_____ being duly sworn deposes and states as follows:

1. I am duly authorized to make the statements contained herein on behalf of _____ (“the Contracting Party”).
2. The Contracting Party is a/an (select one):
 - Individual, partnership, or other unincorporated business association (including without limitation, a professional association organized under Ohio Revised Code Chapter 1787), estate, or trust
 - Corporation organized and existing under the laws of the State of _____
 - Labor organization
3. I hereby affirm that the Contracting Party and each of the individuals specified in R.C. 3517.13(I) (with respect to non-corporate entities and labor organizations) or R.C. 3517.13(J) (with respect to corporations) are in full compliance with the political contribution limitations set forth in R.C. 3517.13(I) and (J), as applicable.
4. I understand that a false representation on this certification will incur penalties pursuant to 3517.992(R)(3).

Affiant further sayeth naught.

By: _____

Title: _____

SWORN TO BEFORE ME and subscribed in my presence this _____ day of _____, 2022.

Notary Public

My commission expires: _____

ESCROW WAIVER

In accordance with a certain Contract between the «OwnerMuni», «OwnerState», (hereinafter referred to as "the Owner") and «ContractName», (hereinafter referred to as "the Contractor") it is mutually agreed by and between the parties hereto that because of the short-term duration of the within contract, no escrow account will be established pursuant to Sections 153.13, 153.14 and 153.63 of the Ohio Revised Code nor shall any interest be paid on any retainage.

CONTRACTOR

Contractor, President

CITY OF MENTOR

Kenneth J. Filipiak, City Manager

NOTICE TO PROCEED

Project: HYDRAULIC ELEVATOR MODERNIZATION & MAINTENANCE PROJECT

Owner: City of Mentor
8500 Civic Center Boulevard
Mentor, Ohio 44060

To: Contractor

Date: _____

You are hereby notified to commence work in accordance with the Contract. All work shall be completed by May 31, 2023.

CITY OF MENTOR

Kenneth J. Filipiak, City Manager

REV. 5/2021

**CONTRACTOR SHALL COMPLETE THE FOLLOWING AND RETURN
WITHIN 10 DAYS OF NOTICE OF AWARD:**

- A) AFFIDAVIT OF COMPLIANCE WITH POLITICAL CONTRIBUTIONS
LIMITATION (ORC 3517.13)**

**THE OWNER OR THEIR AUTHORIZED REPRESENTATIVE SHALL INSERT
THE FOLLOWING CONTRACT DOCUMENTATION IN THE EXECUTED
CONTRACT:**

- A) FINDINGS FOR RECOVERY – ORC 9.24**

- B) NOTIFICATION OF SURETY AND AGENT OF CONSTRUCTION
CONTRACT AWARD – ORC 9.32 (if applicable)**

- C) NOTIFICATION TO UTILITY COMPANIES OF COMMENCEMENT OF
CONTRACT EXECUTION – ORC 153.64 (if applicable)**

SECTION 3
GENERAL CONDITIONS

This document has important legal consequences; consultation with an attorney is encouraged with respect to its use or modification. This document should be adapted to the particular circumstances of the contemplated Project and the controlling Laws and Regulations.

STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT

Prepared by

ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

and

Issued and Published Jointly by



AMERICAN COUNCIL OF ENGINEERING COMPANIES

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AMERICAN SOCIETY OF CIVIL ENGINEERS

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A Practice Division of the
NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

Endorsed by



CONSTRUCTION SPECIFICATIONS INSTITUTE

These General Conditions have been prepared for use with the Suggested Forms of Agreement Between Owner and Contractor (EJCDC C-520 or C-525, 2007 Editions). Their provisions are interrelated and a change in one may necessitate a change in the other. Comments concerning their usage are contained in the Narrative Guide to the EJCDC Construction Documents (EJCDC C-001, 2007 Edition). For guidance in the preparation of Supplementary Conditions, see Guide to the Preparation of Supplementary Conditions (EJCDC C-800, 2007 Edition).

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1420 King Street, Alexandria, VA 22314-2794
(703) 684-2882
www.nspe.org

American Council of Engineering Companies
1015 15th Street N.W., Washington, DC 20005
(202) 347-7474
www.acec.org

American Society of Civil Engineers
1801 Alexander Bell Drive, Reston, VA 20191-4400
(800) 548-2723
www.asce.org

Associated General Contractors of America
2300 Wilson Boulevard, Suite 400, Arlington, VA 22201-3308
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**STANDARD GENERAL CONDITIONS OF THE
CONSTRUCTION CONTRACT**

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ARTICLE 1 – DEFINITIONS AND TERMINOLOGY

1.01 *Defined Terms*

- A. Wherever used in the Bidding Requirements or Contract Documents and printed with initial capital letters, the terms listed below will have the meanings indicated which are applicable to both the singular and plural thereof. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.
1. *Addenda*—Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.
 2. *Agreement*—The written instrument which is evidence of the agreement between Owner and Contractor covering the Work.
 3. *Application for Payment*—The form acceptable to Engineer which is to be used by Contractor during the course of the Work in requesting progress or final payments and which is to be accompanied by such supporting documentation as is required by the Contract Documents.
 4. *Asbestos*—Any material that contains more than one percent asbestos and is friable or is releasing asbestos fibers into the air above current action levels established by the United States Occupational Safety and Health Administration.
 5. *Bid*—The offer or proposal of a Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
 6. *Bidder*—The individual or entity who submits a Bid directly to Owner.
 7. *Bidding Documents*—The Bidding Requirements and the proposed Contract Documents (including all Addenda).
 8. *Bidding Requirements*—The advertisement or invitation to bid, Instructions to Bidders, Bid security of acceptable form, if any, and the Bid Form with any supplements.
 9. *Change Order*—A document recommended by Engineer which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, issued on or after the Effective Date of the Agreement.
 10. *Claim*—A demand or assertion by Owner or Contractor seeking an adjustment of Contract Price or Contract Times, or both, or other relief with respect to the terms of the Contract. A demand for money or services by a third party is not a Claim.
 11. *Contract*—The entire and integrated written agreement between the Owner and Contractor concerning the Work. The Contract supersedes prior negotiations, representations, or agreements, whether written or oral.

12. *Contract Documents*—Those items so designated in the Agreement. Only printed or hard copies of the items listed in the Agreement are Contract Documents. Approved Shop Drawings, other Contractor submittals, and the reports and drawings of subsurface and physical conditions are not Contract Documents.
13. *Contract Price*—The moneys payable by Owner to Contractor for completion of the Work in accordance with the Contract Documents as stated in the Agreement (subject to the provisions of Paragraph 11.03 in the case of Unit Price Work).
14. *Contract Times*—The number of days or the dates stated in the Agreement to: (i) achieve Milestones, if any; (ii) achieve Substantial Completion; and (iii) complete the Work so that it is ready for final payment as evidenced by Engineer's written recommendation of final payment.
15. *Contractor*—The individual or entity with whom Owner has entered into the Agreement.
16. *Cost of the Work*—See Paragraph 11.01 for definition.
17. *Drawings*—That part of the Contract Documents prepared or approved by Engineer which graphically shows the scope, extent, and character of the Work to be performed by Contractor. Shop Drawings and other Contractor submittals are not Drawings as so defined.
18. *Effective Date of the Agreement*—The date indicated in the Agreement on which it becomes effective, but if no such date is indicated, it means the date on which the Agreement is signed and delivered by the last of the two parties to sign and deliver.
19. *Engineer*—The individual or entity named as such in the Agreement.
20. *Field Order*—A written order issued by Engineer which requires minor changes in the Work but which does not involve a change in the Contract Price or the Contract Times.
21. *General Requirements*—Sections of Division 1 of the Specifications.
22. *Hazardous Environmental Condition*—The presence at the Site of Asbestos, PCBs, Petroleum, Hazardous Waste, or Radioactive Material in such quantities or circumstances that may present a substantial danger to persons or property exposed thereto.
23. *Hazardous Waste*—The term Hazardous Waste shall have the meaning provided in Section 1004 of the Solid Waste Disposal Act (42 USC Section 6903) as amended from time to time.
24. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
25. *Liens*—Charges, security interests, or encumbrances upon Project funds, real property, or personal property.
26. *Milestone*—A principal event specified in the Contract Documents relating to an intermediate completion date or time prior to Substantial Completion of all the Work.

27. *Notice of Award*—The written notice by Owner to the Successful Bidder stating that upon timely compliance by the Successful Bidder with the conditions precedent listed therein, Owner will sign and deliver the Agreement.
28. *Notice to Proceed*—A written notice given by Owner to Contractor fixing the date on which the Contract Times will commence to run and on which Contractor shall start to perform the Work under the Contract Documents.
29. *Owner*—The individual or entity with whom Contractor has entered into the Agreement and for whom the Work is to be performed.
30. *PCBs*—Polychlorinated biphenyls.
31. *Petroleum*—Petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute), such as oil, petroleum, fuel oil, oil sludge, oil refuse, gasoline, kerosene, and oil mixed with other non-Hazardous Waste and crude oils.
32. *Progress Schedule*—A schedule, prepared and maintained by Contractor, describing the sequence and duration of the activities comprising the Contractor's plan to accomplish the Work within the Contract Times.
33. *Project*—The total construction of which the Work to be performed under the Contract Documents may be the whole, or a part.
34. *Project Manual*—The bound documentary information prepared for bidding and constructing the Work. A listing of the contents of the Project Manual, which may be bound in one or more volumes, is contained in the table(s) of contents.
35. *Radioactive Material*—Source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954 (42 USC Section 2011 et seq.) as amended from time to time.
36. *Resident Project Representative*—The authorized representative of Engineer who may be assigned to the Site or any part thereof.
37. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and which establish the standards by which such portion of the Work will be judged.
38. *Schedule of Submittals*—A schedule, prepared and maintained by Contractor, of required submittals and the time requirements to support scheduled performance of related construction activities.
39. *Schedule of Values*—A schedule, prepared and maintained by Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing Contractor's Applications for Payment.

40. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information which are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work.
41. *Site*—Lands or areas indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements for access thereto, and such other lands furnished by Owner which are designated for the use of Contractor.
42. *Specifications*—That part of the Contract Documents consisting of written requirements for materials, equipment, systems, standards and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable thereto.
43. *Subcontractor*—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work at the Site.
44. *Substantial Completion*—The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms “substantially complete” and “substantially completed” as applied to all or part of the Work refer to Substantial Completion thereof.
45. *Successful Bidder*—The Bidder submitting a responsive Bid to whom Owner makes an award.
46. *Supplementary Conditions*—That part of the Contract Documents which amends or supplements these General Conditions.
47. *Supplier*—A manufacturer, fabricator, supplier, distributor, materialman, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or Subcontractor.
48. *Underground Facilities*—All underground pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or attachments, and any encasements containing such facilities, including those that convey electricity, gases, steam, liquid petroleum products, telephone or other communications, cable television, water, wastewater, storm water, other liquids or chemicals, or traffic or other control systems.
49. *Unit Price Work*—Work to be paid for on the basis of unit prices.
50. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction, and furnishing, installing, and incorporating all materials and equipment into such construction, all as required by the Contract Documents.
51. *Work Change Directive*—A written statement to Contractor issued on or after the Effective Date of the Agreement and signed by Owner and recommended by Engineer ordering an

addition, deletion, or revision in the Work, or responding to differing or unforeseen subsurface or physical conditions under which the Work is to be performed or to emergencies. A Work Change Directive will not change the Contract Price or the Contract Times but is evidence that the parties expect that the change ordered or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order following negotiations by the parties as to its effect, if any, on the Contract Price or Contract Times.

1.02 Terminology

A. The words and terms discussed in Paragraph 1.02.B through F are not defined but, when used in the Bidding Requirements or Contract Documents, have the indicated meaning.

B. *Intent of Certain Terms or Adjectives:*

1. The Contract Documents include the terms “as allowed,” “as approved,” “as ordered,” “as directed” or terms of like effect or import to authorize an exercise of professional judgment by Engineer. In addition, the adjectives “reasonable,” “suitable,” “acceptable,” “proper,” “satisfactory,” or adjectives of like effect or import are used to describe an action or determination of Engineer as to the Work. It is intended that such exercise of professional judgment, action, or determination will be solely to evaluate, in general, the Work for compliance with the information in the Contract Documents and with the design concept of the Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective is not intended to and shall not be effective to assign to Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility contrary to the provisions of Paragraph 9.09 or any other provision of the Contract Documents.

C. *Day:*

1. The word “day” means a calendar day of 24 hours measured from midnight to the next midnight.

D. *Defective:*

1. The word “defective,” when modifying the word “Work,” refers to Work that is unsatisfactory, faulty, or deficient in that it:
 - a. does not conform to the Contract Documents; or
 - b. does not meet the requirements of any applicable inspection, reference standard, test, or approval referred to in the Contract Documents; or
 - c. has been damaged prior to Engineer’s recommendation of final payment (unless responsibility for the protection thereof has been assumed by Owner at Substantial Completion in accordance with Paragraph 14.04 or 14.05).

E. *Furnish, Install, Perform, Provide:*

1. The word “furnish,” when used in connection with services, materials, or equipment, shall mean to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.
2. The word “install,” when used in connection with services, materials, or equipment, shall mean to put into use or place in final position said services, materials, or equipment complete and ready for intended use.
3. The words “perform” or “provide,” when used in connection with services, materials, or equipment, shall mean to furnish and install said services, materials, or equipment complete and ready for intended use.
4. When “furnish,” “install,” “perform,” or “provide” is not used in connection with services, materials, or equipment in a context clearly requiring an obligation of Contractor, “provide” is implied.

F. Unless stated otherwise in the Contract Documents, words or phrases that have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

ARTICLE 2 – PRELIMINARY MATTERS

2.01 Delivery of Bonds and Evidence of Insurance

- A. When Contractor delivers the executed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner such bonds as Contractor may be required to furnish.
- B. *Evidence of Insurance:* Before any Work at the Site is started, Contractor and Owner shall each deliver to the other, with copies to each additional insured identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance which either of them or any additional insured may reasonably request) which Contractor and Owner respectively are required to purchase and maintain in accordance with Article 5.

2.02 Copies of Documents

- A. Owner shall furnish to Contractor up to ten printed or hard copies of the Drawings and Project Manual. Additional copies will be furnished upon request at the cost of reproduction.

2.03 Commencement of Contract Times; Notice to Proceed

- A. The Contract Times will commence to run on the thirtieth day after the Effective Date of the Agreement or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 30 days after the Effective Date of the Agreement. In no event will the Contract Times commence to run later than the sixtieth day after the day of Bid opening or the thirtieth day after the Effective Date of the Agreement, whichever date is earlier.

2.04 *Starting the Work*

- A. Contractor shall start to perform the Work on the date when the Contract Times commence to run. No Work shall be done at the Site prior to the date on which the Contract Times commence to run.

2.05 *Before Starting Construction*

- A. *Preliminary Schedules:* Within 10 days after the Effective Date of the Agreement (unless otherwise specified in the General Requirements), Contractor shall submit to Engineer for timely review:
 - 1. a preliminary Progress Schedule indicating the times (numbers of days or dates) for starting and completing the various stages of the Work, including any Milestones specified in the Contract Documents;
 - 2. a preliminary Schedule of Submittals; and
 - 3. a preliminary Schedule of Values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work.

2.06 *Preconstruction Conference; Designation of Authorized Representatives*

- A. Before any Work at the Site is started, a conference attended by Owner, Contractor, Engineer, and others as appropriate will be held to establish a working understanding among the parties as to the Work and to discuss the schedules referred to in Paragraph 2.05.A, procedures for handling Shop Drawings and other submittals, processing Applications for Payment, and maintaining required records.
- B. At this conference Owner and Contractor each shall designate, in writing, a specific individual to act as its authorized representative with respect to the services and responsibilities under the Contract. Such individuals shall have the authority to transmit instructions, receive information, render decisions relative to the Contract, and otherwise act on behalf of each respective party.

2.07 *Initial Acceptance of Schedules*

- A. At least 10 days before submission of the first Application for Payment a conference attended by Contractor, Engineer, and others as appropriate will be held to review for acceptability to Engineer as provided below the schedules submitted in accordance with Paragraph 2.05.A. Contractor shall have an additional 10 days to make corrections and adjustments and to complete and resubmit the schedules. No progress payment shall be made to Contractor until acceptable schedules are submitted to Engineer.
 - 1. The Progress Schedule will be acceptable to Engineer if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on

Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.

2. Contractor's Schedule of Submittals will be acceptable to Engineer if it provides a workable arrangement for reviewing and processing the required submittals.
3. Contractor's Schedule of Values will be acceptable to Engineer as to form and substance if it provides a reasonable allocation of the Contract Price to component parts of the Work.

ARTICLE 3 – CONTRACT DOCUMENTS: INTENT, AMENDING, REUSE

3.01 *Intent*

- A. The Contract Documents are complementary; what is required by one is as binding as if required by all.
- B. It is the intent of the Contract Documents to describe a functionally complete project (or part thereof) to be constructed in accordance with the Contract Documents. Any labor, documentation, services, materials, or equipment that reasonably may be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the indicated result will be provided whether or not specifically called for, at no additional cost to Owner.
- C. Clarifications and interpretations of the Contract Documents shall be issued by Engineer as provided in Article 9.

3.02 *Reference Standards*

- A. Standards, Specifications, Codes, Laws, and Regulations
 1. Reference to standards, specifications, manuals, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, shall mean the standard, specification, manual, code, or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Agreement if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.
 2. No provision of any such standard, specification, manual, or code, or any instruction of a Supplier, shall be effective to change the duties or responsibilities of Owner, Contractor, or Engineer, or any of their subcontractors, consultants, agents, or employees, from those set forth in the Contract Documents. No such provision or instruction shall be effective to assign to Owner, Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, any duty or authority to supervise or direct the performance of the Work or any duty or authority to undertake responsibility inconsistent with the provisions of the Contract Documents.

3.03 *Reporting and Resolving Discrepancies*

A. *Reporting Discrepancies:*

1. *Contractor's Review of Contract Documents Before Starting Work:* Before undertaking each part of the Work, Contractor shall carefully study and compare the Contract Documents and check and verify pertinent figures therein and all applicable field measurements. Contractor shall promptly report in writing to Engineer any conflict, error, ambiguity, or discrepancy which Contractor discovers, or has actual knowledge of, and shall obtain a written interpretation or clarification from Engineer before proceeding with any Work affected thereby.
2. *Contractor's Review of Contract Documents During Performance of Work:* If, during the performance of the Work, Contractor discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents, or between the Contract Documents and (a) any applicable Law or Regulation, (b) any standard, specification, manual, or code, or (c) any instruction of any Supplier, then Contractor shall promptly report it to Engineer in writing. Contractor shall not proceed with the Work affected thereby (except in an emergency as required by Paragraph 6.16.A) until an amendment or supplement to the Contract Documents has been issued by one of the methods indicated in Paragraph 3.04.
3. Contractor shall not be liable to Owner or Engineer for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless Contractor had actual knowledge thereof.

B. *Resolving Discrepancies:*

1. Except as may be otherwise specifically stated in the Contract Documents, the provisions of the Contract Documents shall take precedence in resolving any conflict, error, ambiguity, or discrepancy between the provisions of the Contract Documents and:
 - a. the provisions of any standard, specification, manual, or code, or the instruction of any Supplier (whether or not specifically incorporated by reference in the Contract Documents); or
 - b. the provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

3.04 *Amending and Supplementing Contract Documents*

- A. The Contract Documents may be amended to provide for additions, deletions, and revisions in the Work or to modify the terms and conditions thereof by either a Change Order or a Work Change Directive.
- B. The requirements of the Contract Documents may be supplemented, and minor variations and deviations in the Work may be authorized, by one or more of the following ways:

1. A Field Order;
2. Engineer's approval of a Shop Drawing or Sample (subject to the provisions of Paragraph 6.17.D.3); or
3. Engineer's written interpretation or clarification.

3.05 *Reuse of Documents*

- A. Contractor and any Subcontractor or Supplier shall not:
1. have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of Engineer or its consultants, including electronic media editions; or
 2. reuse any such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without written consent of Owner and Engineer and specific written verification or adaptation by Engineer.
- B. The prohibitions of this Paragraph 3.05 will survive final payment, or termination of the Contract. Nothing herein shall preclude Contractor from retaining copies of the Contract Documents for record purposes.

3.06 *Electronic Data*

- A. Unless otherwise stated in the Supplementary Conditions, the data furnished by Owner or Engineer to Contractor, or by Contractor to Owner or Engineer, that may be relied upon are limited to the printed copies (also known as hard copies). Files in electronic media format of text, data, graphics, or other types are furnished only for the convenience of the receiving party. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. If there is a discrepancy between the electronic files and the hard copies, the hard copies govern.
- B. Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within 60 days, after which the receiving party shall be deemed to have accepted the data thus transferred. Any errors detected within the 60-day acceptance period will be corrected by the transferring party.
- C. When transferring documents in electronic media format, the transferring party makes no representations as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by the data's creator.

ARTICLE 4 – AVAILABILITY OF LANDS; SUBSURFACE AND PHYSICAL CONDITIONS; HAZARDOUS ENVIRONMENTAL CONDITIONS; REFERENCE POINTS

4.01 *Availability of Lands*

- A. Owner shall furnish the Site. Owner shall notify Contractor of any encumbrances or restrictions not of general application but specifically related to use of the Site with which Contractor must comply in performing the Work. Owner will obtain in a timely manner and pay for easements for permanent structures or permanent changes in existing facilities. If Contractor and Owner are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, as a result of any delay in Owner's furnishing the Site or a part thereof, Contractor may make a Claim therefor as provided in Paragraph 10.05.
- B. Upon reasonable written request, Owner shall furnish Contractor with a current statement of record legal title and legal description of the lands upon which the Work is to be performed and Owner's interest therein as necessary for giving notice of or filing a mechanic's or construction lien against such lands in accordance with applicable Laws and Regulations.
- C. Contractor shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

4.02 *Subsurface and Physical Conditions*

- A. *Reports and Drawings:* The Supplementary Conditions identify:
 - 1. those reports known to Owner of explorations and tests of subsurface conditions at or contiguous to the Site; and
 - 2. those drawings known to Owner of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities).
- B. *Limited Reliance by Contractor on Technical Data Authorized:* Contractor may rely upon the accuracy of the "technical data" contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such "technical data" is identified in the Supplementary Conditions. Except for such reliance on such "technical data," Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors with respect to:
 - 1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto; or
 - 2. other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or
 - 3. any Contractor interpretation of or conclusion drawn from any "technical data" or any such other data, interpretations, opinions, or information.

4.03 *Differing Subsurface or Physical Conditions*

- A. *Notice:* If Contractor believes that any subsurface or physical condition that is uncovered or revealed either:
1. is of such a nature as to establish that any “technical data” on which Contractor is entitled to rely as provided in Paragraph 4.02 is materially inaccurate; or
 2. is of such a nature as to require a change in the Contract Documents; or
 3. differs materially from that shown or indicated in the Contract Documents; or
 4. is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;

then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 6.16.A), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except as aforesaid) until receipt of written order to do so.

- B. *Engineer’s Review:* After receipt of written notice as required by Paragraph 4.03.A, Engineer will promptly review the pertinent condition, determine the necessity of Owner’s obtaining additional exploration or tests with respect thereto, and advise Owner in writing (with a copy to Contractor) of Engineer’s findings and conclusions.

C. *Possible Price and Times Adjustments:*

1. The Contract Price or the Contract Times, or both, will be equitably adjusted to the extent that the existence of such differing subsurface or physical condition causes an increase or decrease in Contractor’s cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. such condition must meet any one or more of the categories described in Paragraph 4.03.A; and
 - b. with respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraphs 9.07 and 11.03.
2. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times if:
 - a. Contractor knew of the existence of such conditions at the time Contractor made a final commitment to Owner with respect to Contract Price and Contract Times by the submission of a Bid or becoming bound under a negotiated contract; or
 - b. the existence of such condition could reasonably have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and

contiguous areas required by the Bidding Requirements or Contract Documents to be conducted by or for Contractor prior to Contractor's making such final commitment; or

- c. Contractor failed to give the written notice as required by Paragraph 4.03.A.
3. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, a Claim may be made therefor as provided in Paragraph 10.05. However, neither Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors shall be liable to Contractor for any claims, costs, losses, or damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Contractor on or in connection with any other project or anticipated project.

4.04 *Underground Facilities*

A. *Shown or Indicated:* The information and data shown or indicated in the Contract Documents with respect to existing Underground Facilities at or contiguous to the Site is based on information and data furnished to Owner or Engineer by the owners of such Underground Facilities, including Owner, or by others. Unless it is otherwise expressly provided in the Supplementary Conditions:

1. Owner and Engineer shall not be responsible for the accuracy or completeness of any such information or data provided by others; and
2. the cost of all of the following will be included in the Contract Price, and Contractor shall have full responsibility for:
 - a. reviewing and checking all such information and data;
 - b. locating all Underground Facilities shown or indicated in the Contract Documents;
 - c. coordination of the Work with the owners of such Underground Facilities, including Owner, during construction; and
 - d. the safety and protection of all such Underground Facilities and repairing any damage thereto resulting from the Work.

B. *Not Shown or Indicated:*

1. If an Underground Facility is uncovered or revealed at or contiguous to the Site which was not shown or indicated, or not shown or indicated with reasonable accuracy in the Contract Documents, Contractor shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by Paragraph 6.16.A), identify the owner of such Underground Facility and give written notice to that owner and to Owner and Engineer. Engineer will promptly review the Underground Facility and determine the extent, if any, to which a change is required in the Contract Documents to reflect and document the

consequences of the existence or location of the Underground Facility. During such time, Contractor shall be responsible for the safety and protection of such Underground Facility.

2. If Engineer concludes that a change in the Contract Documents is required, a Work Change Directive or a Change Order will be issued to reflect and document such consequences. An equitable adjustment shall be made in the Contract Price or Contract Times, or both, to the extent that they are attributable to the existence or location of any Underground Facility that was not shown or indicated or not shown or indicated with reasonable accuracy in the Contract Documents and that Contractor did not know of and could not reasonably have been expected to be aware of or to have anticipated. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment in Contract Price or Contract Times, Owner or Contractor may make a Claim therefor as provided in Paragraph 10.05.

4.05 *Reference Points*

- A. Owner shall provide engineering surveys to establish reference points for construction which in Engineer's judgment are necessary to enable Contractor to proceed with the Work. Contractor shall be responsible for laying out the Work, shall protect and preserve the established reference points and property monuments, and shall make no changes or relocations without the prior written approval of Owner. Contractor shall report to Engineer whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

4.06 *Hazardous Environmental Condition at Site*

- A. *Reports and Drawings:* The Supplementary Conditions identify those reports and drawings known to Owner relating to Hazardous Environmental Conditions that have been identified at the Site.
- B. *Limited Reliance by Contractor on Technical Data Authorized:* Contractor may rely upon the accuracy of the "technical data" contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such "technical data" is identified in the Supplementary Conditions. Except for such reliance on such "technical data," Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors with respect to:
 1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by Contractor and safety precautions and programs incident thereto; or
 2. other data, interpretations, opinions and information contained in such reports or shown or indicated in such drawings; or
 3. any Contractor interpretation of or conclusion drawn from any "technical data" or any such other data, interpretations, opinions or information.

- C. Contractor shall not be responsible for any Hazardous Environmental Condition uncovered or revealed at the Site which was not shown or indicated in Drawings or Specifications or identified in the Contract Documents to be within the scope of the Work. Contractor shall be responsible for a Hazardous Environmental Condition created with any materials brought to the Site by Contractor, Subcontractors, Suppliers, or anyone else for whom Contractor is responsible.
- D. If Contractor encounters a Hazardous Environmental Condition or if Contractor or anyone for whom Contractor is responsible creates a Hazardous Environmental Condition, Contractor shall immediately: (i) secure or otherwise isolate such condition; (ii) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by Paragraph 6.16.A); and (iii) notify Owner and Engineer (and promptly thereafter confirm such notice in writing). Owner shall promptly consult with Engineer concerning the necessity for Owner to retain a qualified expert to evaluate such condition or take corrective action, if any. Promptly after consulting with Engineer, Owner shall take such actions as are necessary to permit Owner to timely obtain required permits and provide Contractor the written notice required by Paragraph 4.06.E.
- E. Contractor shall not be required to resume Work in connection with such condition or in any affected area until after Owner has obtained any required permits related thereto and delivered written notice to Contractor: (i) specifying that such condition and any affected area is or has been rendered safe for the resumption of Work; or (ii) specifying any special conditions under which such Work may be resumed safely. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times, or both, as a result of such Work stoppage or such special conditions under which Work is agreed to be resumed by Contractor, either party may make a Claim therefor as provided in Paragraph 10.05.
- F. If after receipt of such written notice Contractor does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then Owner may order the portion of the Work that is in the area affected by such condition to be deleted from the Work. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of an adjustment in Contract Price or Contract Times as a result of deleting such portion of the Work, then either party may make a Claim therefor as provided in Paragraph 10.05. Owner may have such deleted portion of the Work performed by Owner's own forces or others in accordance with Article 7.
- G. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition: (i) was not shown or indicated in the Drawings or Specifications or identified in the Contract Documents to be included within the scope of the Work, and (ii) was not created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 4.06.G shall obligate Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.

- H. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 4.06.H shall obligate Contractor to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- I. The provisions of Paragraphs 4.02, 4.03, and 4.04 do not apply to a Hazardous Environmental Condition uncovered or revealed at the Site.

ARTICLE 5 – BONDS AND INSURANCE

5.01 Performance, Payment, and Other Bonds

- A. Contractor shall furnish performance and payment bonds, each in an amount at least equal to the Contract Price as security for the faithful performance and payment of all of Contractor's obligations under the Contract Documents. These bonds shall remain in effect until one year after the date when final payment becomes due or until completion of the correction period specified in Paragraph 13.07, whichever is later, except as provided otherwise by Laws or Regulations or by the Contract Documents. Contractor shall also furnish such other bonds as are required by the Contract Documents.
- B. All bonds shall be in the form prescribed by the Contract Documents except as provided otherwise by Laws or Regulations, and shall be executed by such sureties as are named in the list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Financial Management Service, Surety Bond Branch, U.S. Department of the Treasury. All bonds signed by an agent or attorney-in-fact must be accompanied by a certified copy of that individual's authority to bind the surety. The evidence of authority shall show that it is effective on the date the agent or attorney-in-fact signed each bond.
- C. If the surety on any bond furnished by Contractor is declared bankrupt or becomes insolvent or its right to do business is terminated in any state where any part of the Project is located or it ceases to meet the requirements of Paragraph 5.01.B, Contractor shall promptly notify Owner and Engineer and shall, within 20 days after the event giving rise to such notification, provide another bond and surety, both of which shall comply with the requirements of Paragraphs 5.01.B and 5.02.

5.02 Licensed Sureties and Insurers

- A. All bonds and insurance required by the Contract Documents to be purchased and maintained by Owner or Contractor shall be obtained from surety or insurance companies that are duly licensed or authorized in the jurisdiction in which the Project is located to issue bonds or insurance policies for the limits and coverages so required. Such surety and insurance companies shall also

meet such additional requirements and qualifications as may be provided in the Supplementary Conditions.

5.03 *Certificates of Insurance*

- A. Contractor shall deliver to Owner, with copies to each additional insured and loss payee identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by Owner or any other additional insured) which Contractor is required to purchase and maintain.
- B. Owner shall deliver to Contractor, with copies to each additional insured and loss payee identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by Contractor or any other additional insured) which Owner is required to purchase and maintain.
- C. Failure of Owner to demand such certificates or other evidence of Contractor's full compliance with these insurance requirements or failure of Owner to identify a deficiency in compliance from the evidence provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance.
- D. Owner does not represent that insurance coverage and limits established in this Contract necessarily will be adequate to protect Contractor.
- E. The insurance and insurance limits required herein shall not be deemed as a limitation on Contractor's liability under the indemnities granted to Owner in the Contract Documents.

5.04 *Contractor's Insurance*

- A. Contractor shall purchase and maintain such insurance as is appropriate for the Work being performed and as will provide protection from claims set forth below which may arise out of or result from Contractor's performance of the Work and Contractor's other obligations under the Contract Documents, whether it is to be performed by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable:
 - 1. claims under workers' compensation, disability benefits, and other similar 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 reasonably available personal injury liability coverage which are sustained:

- a. by any person as a result of an offense directly or indirectly related to the employment of such person by Contractor, or
 - b. by any other person for any other reason;
5. claims for damages, other than to the Work itself, because of injury to or destruction of tangible property wherever located, 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.
- B. The policies of insurance required by this Paragraph 5.04 shall:
1. with respect to insurance required by Paragraphs 5.04.A.3 through 5.04.A.6 inclusive, be written on an occurrence basis, include as additional insureds (subject to any customary exclusion regarding professional liability) Owner and Engineer, and any other individuals or entities identified in the Supplementary Conditions, all of whom shall be listed as additional insureds, and include coverage for the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of all such additional insureds, and the insurance afforded to these additional insureds shall provide primary coverage for all claims covered thereby;
 2. include at least the specific coverages and be written for not less than the limits of liability provided in the Supplementary Conditions or required by Laws or Regulations, whichever is greater;
 3. include contractual liability insurance covering Contractor's indemnity obligations under Paragraphs 6.11 and 6.20;
 4. contain a provision or endorsement that the coverage afforded will not be canceled, materially changed or renewal refused until at least 30 days prior written notice has been given to Owner and Contractor and to each other additional insured identified in the Supplementary Conditions to whom a certificate of insurance has been issued (and the certificates of insurance furnished by the Contractor pursuant to Paragraph 5.03 will so provide);
 5. remain in effect at least until final payment and at all times thereafter when Contractor may be correcting, removing, or replacing defective Work in accordance with Paragraph 13.07; and
 6. include completed operations coverage:
 - a. Such insurance shall remain in effect for two years after final payment.
 - b. Contractor shall furnish Owner and each other additional insured identified in the Supplementary Conditions, to whom a certificate of insurance has been issued, evidence satisfactory to Owner and any such additional insured of continuation of such insurance at final payment and one year thereafter.

5.05 *Owner's Liability Insurance*

- A. In addition to the insurance required to be provided by Contractor under Paragraph 5.04, Owner, at Owner's option, may purchase and maintain at Owner's expense Owner's own liability insurance as will protect Owner against claims which may arise from operations under the Contract Documents.

5.06 *Property Insurance*

- A. Unless otherwise provided in the Supplementary Conditions, Owner shall purchase and maintain property insurance upon the Work at the Site in the amount of the full replacement cost thereof (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations). This insurance shall:
1. include the interests of Owner, Contractor, Subcontractors, and Engineer, and any other individuals or entities identified in the Supplementary Conditions, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, each of whom is deemed to have an insurable interest and shall be listed as a loss payee;
 2. be written on a Builder's Risk "all-risk" policy form that shall at least include insurance for physical loss or damage to the Work, temporary buildings, falsework, and materials and equipment in transit, and shall insure against at least the following perils or causes of loss: fire, lightning, extended coverage, theft, vandalism and malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of Laws and Regulations, water damage (other than that caused by flood), and such other perils or causes of loss as may be specifically required by the Supplementary Conditions.
 3. include expenses incurred in the repair or replacement of any insured property (including but not limited to fees and charges of engineers and architects);
 4. cover materials and equipment stored at the Site or at another location that was agreed to in writing by Owner prior to being incorporated in the Work, provided that such materials and equipment have been included in an Application for Payment recommended by Engineer;
 5. allow for partial utilization of the Work by Owner;
 6. include testing and startup; and
 7. be maintained in effect until final payment is made unless otherwise agreed to in writing by Owner, Contractor, and Engineer with 30 days written notice to each other loss payee to whom a certificate of insurance has been issued.
- B. Owner shall purchase and maintain such equipment breakdown insurance or additional property insurance as may be required by the Supplementary Conditions or Laws and Regulations which will include the interests of Owner, Contractor, Subcontractors, and Engineer, and any other individuals or entities identified in the Supplementary Conditions, and the officers, directors,

members, partners, employees, agents, consultants and subcontractors of each and any of them, each of whom is deemed to have an insurable interest and shall be listed as a loss payee.

- C. All the policies of insurance (and the certificates or other evidence thereof) required to be purchased and maintained in accordance with this Paragraph 5.06 will contain a provision or endorsement that the coverage afforded will not be canceled or materially changed or renewal refused until at least 30 days prior written notice has been given to Owner and Contractor and to each other loss payee to whom a certificate of insurance has been issued and will contain waiver provisions in accordance with Paragraph 5.07.
- D. Owner shall not be responsible for purchasing and maintaining any property insurance specified in this Paragraph 5.06 to protect the interests of Contractor, Subcontractors, or others in the Work to the extent of any deductible amounts that are identified in the Supplementary Conditions. The risk of loss within such identified deductible amount will be borne by Contractor, Subcontractors, or others suffering any such loss, and if any of them wishes property insurance coverage within the limits of such amounts, each may purchase and maintain it at the purchaser's own expense.
- E. If Contractor requests in writing that other special insurance be included in the property insurance policies provided under this Paragraph 5.06, Owner shall, if possible, include such insurance, and the cost thereof will be charged to Contractor by appropriate Change Order. Prior to commencement of the Work at the Site, Owner shall in writing advise Contractor whether or not such other insurance has been procured by Owner.

5.07 *Waiver of Rights*

- A. Owner and Contractor intend that all policies purchased in accordance with Paragraph 5.06 will protect Owner, Contractor, Subcontractors, and Engineer, and all other individuals or entities identified in the Supplementary Conditions as loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) in such policies and will provide primary coverage for all losses and damages caused by the perils or causes of loss covered thereby. All such policies shall contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any of the insureds or loss payees thereunder. Owner and Contractor waive all rights against each other and their respective officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them for all losses and damages caused by, arising out of or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Subcontractors and Engineer, and all other individuals or entities identified in the Supplementary Conditions as loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) under such policies for losses and damages so caused. None of the above waivers shall extend to the rights that any party making such waiver may have to the proceeds of insurance held by Owner as trustee or otherwise payable under any policy so issued.
- B. Owner waives all rights against Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them for:

1. loss due to business interruption, loss of use, or other consequential loss extending beyond direct physical loss or damage to Owner's property or the Work caused by, arising out of, or resulting from fire or other perils whether or not insured by Owner; and
 2. loss or damage to the completed Project or part thereof caused by, arising out of, or resulting from fire or other insured peril or cause of loss covered by any property insurance maintained on the completed Project or part thereof by Owner during partial utilization pursuant to Paragraph 14.05, after Substantial Completion pursuant to Paragraph 14.04, or after final payment pursuant to Paragraph 14.07.
- C. Any insurance policy maintained by Owner covering any loss, damage or consequential loss referred to in Paragraph 5.07.B shall contain provisions to the effect that in the event of payment of any such loss, damage, or consequential loss, the insurers will have no rights of recovery against Contractor, Subcontractors, or Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them.

5.08 *Receipt and Application of Insurance Proceeds*

- A. Any insured loss under the policies of insurance required by Paragraph 5.06 will be adjusted with Owner and made payable to Owner as fiduciary for the loss payees, as their interests may appear, subject to the requirements of any applicable mortgage clause and of Paragraph 5.08.B. Owner shall deposit in a separate account any money so received and shall distribute it in accordance with such agreement as the parties in interest may reach. If no other special agreement is reached, the damaged Work shall be repaired or replaced, the moneys so received applied on account thereof, and the Work and the cost thereof covered by an appropriate Change Order.
- B. Owner as fiduciary shall have power to adjust and settle any loss with the insurers unless one of the parties in interest shall object in writing within 15 days after the occurrence of loss to Owner's exercise of this power. If such objection be made, Owner as fiduciary shall make settlement with the insurers in accordance with such agreement as the parties in interest may reach. If no such agreement among the parties in interest is reached, Owner as fiduciary shall adjust and settle the loss with the insurers and, if required in writing by any party in interest, Owner as fiduciary shall give bond for the proper performance of such duties.

5.09 *Acceptance of Bonds and Insurance; Option to Replace*

- A. If either Owner or Contractor has any objection to the coverage afforded by or other provisions of the bonds or insurance required to be purchased and maintained by the other party in accordance with Article 5 on the basis of non-conformance with the Contract Documents, the objecting party shall so notify the other party in writing within 10 days after receipt of the certificates (or other evidence requested) required by Paragraph 2.01.B. Owner and Contractor shall each provide to the other such additional information in respect of insurance provided as the other may reasonably request. If either party does not purchase or maintain all of the bonds and insurance required of such party by the Contract Documents, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage. Without prejudice to any other right or remedy, the other party may elect to obtain equivalent bonds or insurance to protect such other

party's interests at the expense of the party who was required to provide such coverage, and a Change Order shall be issued to adjust the Contract Price accordingly.

5.10 *Partial Utilization, Acknowledgment of Property Insurer*

- A. If Owner finds it necessary to occupy or use a portion or portions of the Work prior to Substantial Completion of all the Work as provided in Paragraph 14.05, no such use or occupancy shall commence before the insurers providing the property insurance pursuant to Paragraph 5.06 have acknowledged notice thereof and in writing effected any changes in coverage necessitated thereby. The insurers providing the property insurance shall consent by endorsement on the policy or policies, but the property insurance shall not be canceled or permitted to lapse on account of any such partial use or occupancy.

ARTICLE 6 – CONTRACTOR’S RESPONSIBILITIES

6.01 *Supervision and Superintendence*

- A. Contractor shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction. Contractor shall not be responsible for the negligence of Owner or Engineer in the design or specification of a specific means, method, technique, sequence, or procedure of construction which is shown or indicated in and expressly required by the Contract Documents.
- B. At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who shall not be replaced without written notice to Owner and Engineer except under extraordinary circumstances.

6.02 *Labor; Working Hours*

- A. Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. Contractor shall at all times maintain good discipline and order at the Site.
- B. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site shall be performed during regular working hours. Contractor will not permit the performance of Work on a Saturday, Sunday, or any legal holiday without Owner's written consent (which will not be unreasonably withheld) given after prior written notice to Engineer.

6.03 *Services, Materials, and Equipment*

- A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start-up, and completion of the Work.

- B. All materials and equipment incorporated into the Work shall be as specified or, if not specified, shall be of good quality and new, except as otherwise provided in the Contract Documents. All special warranties and guarantees required by the Specifications shall expressly run to the benefit of Owner. If required by Engineer, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of materials and equipment.
- C. All materials and equipment shall be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

6.04 *Progress Schedule*

- A. Contractor shall adhere to the Progress Schedule established in accordance with Paragraph 2.07 as it may be adjusted from time to time as provided below.
 - 1. Contractor shall submit to Engineer for acceptance (to the extent indicated in Paragraph 2.07) proposed adjustments in the Progress Schedule that will not result in changing the Contract Times. Such adjustments will comply with any provisions of the General Requirements applicable thereto.
 - 2. Proposed adjustments in the Progress Schedule that will change the Contract Times shall be submitted in accordance with the requirements of Article 12. Adjustments in Contract Times may only be made by a Change Order.

6.05 *Substitutes and "Or-Equals"*

- A. Whenever an item of material or equipment is specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the specification or description is intended to establish the type, function, appearance, and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or "or-equal" item or no substitution is permitted, other items of material or equipment or material or equipment of other Suppliers may be submitted to Engineer for review under the circumstances described below.
 - 1. *"Or-Equal" Items:* If in Engineer's sole discretion an item of material or equipment proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, it may be considered by Engineer as an "or-equal" item, in which case review and approval of the proposed item may, in Engineer's sole discretion, be accomplished without compliance with some or all of the requirements for approval of proposed substitute items. For the purposes of this Paragraph 6.05.A.1, a proposed item of material or equipment will be considered functionally equal to an item so named if:
 - a. in the exercise of reasonable judgment Engineer determines that:
 - 1) it is at least equal in materials of construction, quality, durability, appearance, strength, and design characteristics;

- 2) it will reliably perform at least equally well the function and achieve the results imposed by the design concept of the completed Project as a functioning whole; and
 - 3) it has a proven record of performance and availability of responsive service.
- b. Contractor certifies that, if approved and incorporated into the Work:
- 1) there will be no increase in cost to the Owner or increase in Contract Times; and
 - 2) it will conform substantially to the detailed requirements of the item named in the Contract Documents.

2. *Substitute Items:*

- a. If in Engineer's sole discretion an item of material or equipment proposed by Contractor does not qualify as an "or-equal" item under Paragraph 6.05.A.1, it will be considered a proposed substitute item.
- b. Contractor shall submit sufficient information as provided below to allow Engineer to determine if the item of material or equipment proposed is essentially equivalent to that named and an acceptable substitute therefor. Requests for review of proposed substitute items of material or equipment will not be accepted by Engineer from anyone other than Contractor.
- c. The requirements for review by Engineer will be as set forth in Paragraph 6.05.A.2.d, as supplemented by the General Requirements, and as Engineer may decide is appropriate under the circumstances.
- d. Contractor shall make written application to Engineer for review of a proposed substitute item of material or equipment that Contractor seeks to furnish or use. The application:
 - 1) shall certify that the proposed substitute item will:
 - a) perform adequately the functions and achieve the results called for by the general design,
 - b) be similar in substance to that specified, and
 - c) be suited to the same use as that specified;
 - 2) will state:
 - a) the extent, if any, to which the use of the proposed substitute item will prejudice Contractor's achievement of Substantial Completion on time,
 - b) whether use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for other work on the Project) to adapt the design to the proposed substitute item, and

- c) whether incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty;
 - 3) will identify:
 - a) all variations of the proposed substitute item from that specified, and
 - b) available engineering, sales, maintenance, repair, and replacement services; and
 - 4) shall contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including costs of redesign and claims of other contractors affected by any resulting change.
- B. *Substitute Construction Methods or Procedures:* If a specific means, method, technique, sequence, or procedure of construction is expressly required by the Contract Documents, Contractor may furnish or utilize a substitute means, method, technique, sequence, or procedure of construction approved by Engineer. Contractor shall submit sufficient information to allow Engineer, in Engineer's sole discretion, to determine that the substitute proposed is equivalent to that expressly called for by the Contract Documents. The requirements for review by Engineer will be similar to those provided in Paragraph 6.05.A.2.
- C. *Engineer's Evaluation:* Engineer will be allowed a reasonable time within which to evaluate each proposal or submittal made pursuant to Paragraphs 6.05.A and 6.05.B. Engineer may require Contractor to furnish additional data about the proposed substitute item. Engineer will be the sole judge of acceptability. No "or equal" or substitute will be ordered, installed or utilized until Engineer's review is complete, which will be evidenced by a Change Order in the case of a substitute and an approved Shop Drawing for an "or equal." Engineer will advise Contractor in writing of any negative determination.
- D. *Special Guarantee:* Owner may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any substitute.
- E. *Engineer's Cost Reimbursement:* Engineer will record Engineer's costs in evaluating a substitute proposed or submitted by Contractor pursuant to Paragraphs 6.05.A.2 and 6.05.B. Whether or not Engineer approves a substitute so proposed or submitted by Contractor, Contractor shall reimburse Owner for the reasonable charges of Engineer for evaluating each such proposed substitute. Contractor shall also reimburse Owner for the reasonable charges of Engineer for making changes in the Contract Documents (or in the provisions of any other direct contract with Owner) resulting from the acceptance of each proposed substitute.
- F. *Contractor's Expense:* Contractor shall provide all data in support of any proposed substitute or "or-equal" at Contractor's expense.

6.06 *Concerning Subcontractors, Suppliers, and Others*

- A. Contractor shall not employ any Subcontractor, Supplier, or other individual or entity (including those acceptable to Owner as indicated in Paragraph 6.06.B), whether initially or as a replacement, against whom Owner may have reasonable objection. Contractor shall not be

required to employ any Subcontractor, Supplier, or other individual or entity to furnish or perform any of the Work against whom Contractor has reasonable objection.

- B. If the Supplementary Conditions require the identity of certain Subcontractors, Suppliers, or other individuals or entities to be submitted to Owner in advance for acceptance by Owner by a specified date prior to the Effective Date of the Agreement, and if Contractor has submitted a list thereof in accordance with the Supplementary Conditions, Owner's acceptance (either in writing or by failing to make written objection thereto by the date indicated for acceptance or objection in the Bidding Documents or the Contract Documents) of any such Subcontractor, Supplier, or other individual or entity so identified may be revoked on the basis of reasonable objection after due investigation. Contractor shall submit an acceptable replacement for the rejected Subcontractor, Supplier, or other individual or entity, and the Contract Price will be adjusted by the difference in the cost occasioned by such replacement, and an appropriate Change Order will be issued. No acceptance by Owner of any such Subcontractor, Supplier, or other individual or entity, whether initially or as a replacement, shall constitute a waiver of any right of Owner or Engineer to reject defective Work.
- C. Contractor shall be fully responsible to Owner and Engineer for all acts and omissions of the Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work just as Contractor is responsible for Contractor's own acts and omissions. Nothing in the Contract Documents:
1. shall create for the benefit of any such Subcontractor, Supplier, or other individual or entity any contractual relationship between Owner or Engineer and any such Subcontractor, Supplier or other individual or entity; nor
 2. shall create any obligation on the part of Owner or Engineer to pay or to see to the payment of any moneys due any such Subcontractor, Supplier, or other individual or entity except as may otherwise be required by Laws and Regulations.
- D. Contractor shall be solely responsible for scheduling and coordinating the Work of Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work under a direct or indirect contract with Contractor.
- E. Contractor shall require all Subcontractors, Suppliers, and such other individuals or entities performing or furnishing any of the Work to communicate with Engineer through Contractor.
- F. The divisions and sections of the Specifications and the identifications of any Drawings shall not control Contractor in dividing the Work among Subcontractors or Suppliers or delineating the Work to be performed by any specific trade.
- G. All Work performed for Contractor by a Subcontractor or Supplier will be pursuant to an appropriate agreement between Contractor and the Subcontractor or Supplier which specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract Documents for the benefit of Owner and Engineer. Whenever any such agreement is with a Subcontractor or Supplier who is listed as a loss payee on the property insurance provided in Paragraph 5.06, the agreement between the Contractor and the Subcontractor or Supplier will contain provisions whereby the Subcontractor or Supplier waives all rights against Owner, Contractor, Engineer, and all other individuals or entities identified in the Supplementary

Conditions to be listed as insureds or loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) for all losses and damages caused by, arising out of, relating to, or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work. If the insurers on any such policies require separate waiver forms to be signed by any Subcontractor or Supplier, Contractor will obtain the same.

6.07 *Patent Fees and Royalties*

- A. Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others. If a particular invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if, to the actual knowledge of Owner or Engineer, its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by Owner in the Contract Documents.
- B. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, and its officers, directors, members, partners, employees, agents, consultants, and subcontractors from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device specified in the Contract Documents, but not identified as being subject to payment of any license fee or royalty to others required by patent rights or copyrights.
- C. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

6.08 *Permits*

- A. Unless otherwise provided in the Supplementary Conditions, Contractor shall obtain and pay for all construction permits and licenses. Owner shall assist Contractor, when necessary, in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work which are applicable at the time of opening of Bids, or, if there are no Bids, on the Effective Date of the Agreement. Owner shall pay all charges of utility owners for connections for providing permanent service to the Work.

6.09 *Laws and Regulations*

- A. Contractor shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of the Work. Except where otherwise expressly required by

applicable Laws and Regulations, neither Owner nor Engineer shall be responsible for monitoring Contractor's compliance with any Laws or Regulations.

- B. If Contractor performs any Work knowing or having reason to know that it is contrary to Laws or Regulations, Contractor shall bear all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such Work. However, it shall not be Contractor's responsibility to make certain that the Specifications and Drawings are in accordance with Laws and Regulations, but this shall not relieve Contractor of Contractor's obligations under Paragraph 3.03.
- C. Changes in Laws or Regulations not known at the time of opening of Bids (or, on the Effective Date of the Agreement if there were no Bids) having an effect on the cost or time of performance of the Work shall be the subject of an adjustment in Contract Price or Contract Times. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment, a Claim may be made therefor as provided in Paragraph 10.05.

6.10 *Taxes*

- A. Contractor shall pay all sales, consumer, use, and other similar taxes required to be paid by Contractor in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.

6.11 *Use of Site and Other Areas*

A. *Limitation on Use of Site and Other Areas:*

1. Contractor shall confine construction equipment, the storage of materials and equipment, and the operations of workers to the Site and other areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and other areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof, or of any adjacent land or areas resulting from the performance of the Work.
2. Should any claim be made by any such owner or occupant because of the performance of the Work, Contractor shall promptly settle with such other party by negotiation or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law.
3. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against Owner, Engineer, or any other party indemnified hereunder to the extent caused by or based upon Contractor's performance of the Work.

- B. *Removal of Debris During Performance of the Work:* During the progress of the Work Contractor shall keep the Site and other areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris shall conform to applicable Laws and Regulations.
- C. *Cleaning:* Prior to Substantial Completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by Owner. At the completion of the Work Contractor shall remove from the Site all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.
- D. *Loading Structures:* Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent property to stresses or pressures that will endanger it.

6.12 *Record Documents*

- A. Contractor shall maintain in a safe place at the Site one record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, and written interpretations and clarifications in good order and annotated to show changes made during construction. These record documents together with all approved Samples and a counterpart of all approved Shop Drawings will be available to Engineer for reference. Upon completion of the Work, these record documents, Samples, and Shop Drawings will be delivered to Engineer for Owner.

6.13 *Safety and Protection*

- A. Contractor shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. Such responsibility does not relieve Subcontractors of their responsibility for the safety of persons or property in the performance of their work, nor for compliance with applicable safety Laws and Regulations. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:
 - 1. all persons on the Site or who may be affected by the Work;
 - 2. all the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
 - 3. other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.
- B. Contractor shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection. Contractor shall notify owners of adjacent property and of Underground Facilities and other utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property.

- C. Contractor shall comply with the applicable requirements of Owner's safety programs, if any. The Supplementary Conditions identify any Owner's safety programs that are applicable to the Work.
- D. Contractor shall inform Owner and Engineer of the specific requirements of Contractor's safety program with which Owner's and Engineer's employees and representatives must comply while at the Site.
- E. All damage, injury, or loss to any property referred to in Paragraph 6.13.A.2 or 6.13.A.3 caused, directly or indirectly, in whole or in part, by Contractor, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, shall be remedied by Contractor (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of Owner or Engineer or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them).
- F. Contractor's duties and responsibilities for safety and for protection of the Work shall continue until such time as all the Work is completed and Engineer has issued a notice to Owner and Contractor in accordance with Paragraph 14.07.B that the Work is acceptable (except as otherwise expressly provided in connection with Substantial Completion).

6.14 *Safety Representative*

- A. Contractor shall designate a qualified and experienced safety representative at the Site whose duties and responsibilities shall be the prevention of accidents and the maintaining and supervising of safety precautions and programs.

6.15 *Hazard Communication Programs*

- A. Contractor shall be responsible for coordinating any exchange of material safety data sheets or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.

6.16 *Emergencies*

- A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, Contractor is obligated to act to prevent threatened damage, injury, or loss. Contractor shall give Engineer prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby or are required as a result thereof. If Engineer determines that a change in the Contract Documents is required because of the action taken by Contractor in response to such an emergency, a Work Change Directive or Change Order will be issued.

6.17 *Shop Drawings and Samples*

A. Contractor shall submit Shop Drawings and Samples to Engineer for review and approval in accordance with the accepted Schedule of Submittals (as required by Paragraph 2.07). Each submittal will be identified as Engineer may require.

1. *Shop Drawings:*

- a. Submit number of copies specified in the General Requirements.
- b. Data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show Engineer the services, materials, and equipment Contractor proposes to provide and to enable Engineer to review the information for the limited purposes required by Paragraph 6.17.D.

2. *Samples:*

- a. Submit number of Samples specified in the Specifications.
- b. Clearly identify each Sample as to material, Supplier, pertinent data such as catalog numbers, the use for which intended and other data as Engineer may require to enable Engineer to review the submittal for the limited purposes required by Paragraph 6.17.D.

B. Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to Engineer's review and approval of the pertinent submittal will be at the sole expense and responsibility of Contractor.

C. *Submittal Procedures:*

1. Before submitting each Shop Drawing or Sample, Contractor shall have:

- a. reviewed and coordinated each Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents;
- b. determined and verified all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto;
- c. determined and verified the suitability of all materials offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work; and
- d. determined and verified all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto.

2. Each submittal shall bear a stamp or specific written certification that Contractor has satisfied Contractor's obligations under the Contract Documents with respect to Contractor's review and approval of that submittal.

3. With each submittal, Contractor shall give Engineer specific written notice of any variations that the Shop Drawing or Sample may have from the requirements of the Contract Documents. This notice shall be both a written communication separate from the Shop Drawings or Sample submittal; and, in addition, by a specific notation made on each Shop Drawing or Sample submitted to Engineer for review and approval of each such variation.

D. *Engineer's Review:*

1. Engineer will provide timely review of Shop Drawings and Samples in accordance with the Schedule of Submittals acceptable to Engineer. Engineer's review and approval will be only to determine if the items covered by the submittals will, after installation or incorporation in the Work, conform to the information given in the Contract Documents and be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.
2. Engineer's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction (except where a particular means, method, technique, sequence, or procedure of construction is specifically and expressly called for by the Contract Documents) or to safety precautions or programs incident thereto. The review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.
3. Engineer's review and approval shall not relieve Contractor from responsibility for any variation from the requirements of the Contract Documents unless Contractor has complied with the requirements of Paragraph 6.17.C.3 and Engineer has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. Engineer's review and approval shall not relieve Contractor from responsibility for complying with the requirements of Paragraph 6.17.C.1.

E. *Resubmittal Procedures:*

1. Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval. Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous submittals.

6.18 *Continuing the Work*

- A. Contractor shall carry on the Work and adhere to the Progress Schedule during all disputes or disagreements with Owner. No Work shall be delayed or postponed pending resolution of any disputes or disagreements, except as permitted by Paragraph 15.04 or as Owner and Contractor may otherwise agree in writing.

6.19 *Contractor's General Warranty and Guarantee*

- A. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective. Engineer and its officers, directors, members, partners, employees, agents, consultants, and subcontractors shall be entitled to rely on representation of Contractor's warranty and guarantee.

- B. Contractor's warranty and guarantee hereunder excludes defects or damage caused by:
1. abuse, modification, or improper maintenance or operation by persons other than Contractor, Subcontractors, Suppliers, or any other individual or entity for whom Contractor is responsible; or
 2. normal wear and tear under normal usage.
- C. Contractor's obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents or a release of Contractor's obligation to perform the Work in accordance with the Contract Documents:
1. observations by Engineer;
 2. recommendation by Engineer or payment by Owner of any progress or final payment;
 3. the issuance of a certificate of Substantial Completion by Engineer or any payment related thereto by Owner;
 4. use or occupancy of the Work or any part thereof by Owner;
 5. any review and approval of a Shop Drawing or Sample submittal or the issuance of a notice of acceptability by Engineer;
 6. any inspection, test, or approval by others; or
 7. any correction of defective Work by Owner.

6.20 *Indemnification*

- A. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of the Work, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work or anyone for whose acts any of them may be liable .
- B. In any and all claims against Owner or Engineer or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors by any employee (or the survivor or personal representative of such employee) of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 6.20.A shall not be limited in any way by any limitation on the amount or type of

damages, compensation, or benefits payable by or for Contractor or any such Subcontractor, Supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.

- C. The indemnification obligations of Contractor under Paragraph 6.20.A shall not extend to the liability of Engineer and Engineer's officers, directors, members, partners, employees, agents, consultants and subcontractors arising out of:
1. the preparation or approval of, or the failure to prepare or approve maps, Drawings, opinions, reports, surveys, Change Orders, designs, or Specifications; or
 2. giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage.

6.21 *Delegation of Professional Design Services*

- A. Contractor will not be required to provide professional design services unless such services are specifically required by the Contract Documents for a portion of the Work or unless such services are required to carry out Contractor's responsibilities for construction means, methods, techniques, sequences and procedures. Contractor shall not be required to provide professional services in violation of applicable law.
- B. If professional design services or certifications by a design professional related to systems, materials or equipment are specifically required of Contractor by the Contract Documents, Owner and Engineer will specify all performance and design criteria that such services must satisfy. Contractor shall cause such services or certifications to be provided by a properly licensed professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, Shop Drawings and other submittals prepared by such professional. Shop Drawings and other submittals related to the Work designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to Engineer.
- C. Owner and Engineer shall be entitled to rely upon the adequacy, accuracy and completeness of the services, certifications or approvals performed by such design professionals, provided Owner and Engineer have specified to Contractor all performance and design criteria that such services must satisfy.
- D. Pursuant to this Paragraph 6.21, Engineer's review and approval of design calculations and design drawings will be only for the limited purpose of checking for conformance with performance and design criteria given and the design concept expressed in the Contract Documents. Engineer's review and approval of Shop Drawings and other submittals (except design calculations and design drawings) will be only for the purpose stated in Paragraph 6.17.D.1.
- E. Contractor shall not be responsible for the adequacy of the performance or design criteria required by the Contract Documents.

ARTICLE 7 – OTHER WORK AT THE SITE

7.01 *Related Work at Site*

- A. Owner may perform other work related to the Project at the Site with Owner's employees, or through other direct contracts therefor, or have other work performed by utility owners. If such other work is not noted in the Contract Documents, then:
 - 1. written notice thereof will be given to Contractor prior to starting any such other work; and
 - 2. if Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times that should be allowed as a result of such other work, a Claim may be made therefor as provided in Paragraph 10.05.
- B. Contractor shall afford each other contractor who is a party to such a direct contract, each utility owner, and Owner, if Owner is performing other work with Owner's employees, proper and safe access to the Site, provide a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such other work, and properly coordinate the Work with theirs. Contractor shall do all cutting, fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. Contractor shall not endanger any work of others by cutting, excavating, or otherwise altering such work; provided, however, that Contractor may cut or alter others' work with the written consent of Engineer and the others whose work will be affected. The duties and responsibilities of Contractor under this Paragraph are for the benefit of such utility owners and other contractors to the extent that there are comparable provisions for the benefit of Contractor in said direct contracts between Owner and such utility owners and other contractors.
- C. If the proper execution or results of any part of Contractor's Work depends upon work performed by others under this Article 7, Contractor shall inspect such other work and promptly report to Engineer in writing any delays, defects, or deficiencies in such other work that render it unavailable or unsuitable for the proper execution and results of Contractor's Work. Contractor's failure to so report will constitute an acceptance of such other work as fit and proper for integration with Contractor's Work except for latent defects and deficiencies in such other work.

7.02 *Coordination*

- A. If Owner intends to contract with others for the performance of other work on the Project at the Site, the following will be set forth in Supplementary Conditions:
 - 1. the individual or entity who will have authority and responsibility for coordination of the activities among the various contractors will be identified;
 - 2. the specific matters to be covered by such authority and responsibility will be itemized; and
 - 3. the extent of such authority and responsibilities will be provided.
- B. Unless otherwise provided in the Supplementary Conditions, Owner shall have sole authority and responsibility for such coordination.

7.03 *Legal Relationships*

- A. Paragraphs 7.01.A and 7.02 are not applicable for utilities not under the control of Owner.
- B. Each other direct contract of Owner under Paragraph 7.01.A shall provide that the other contractor is liable to Owner and Contractor for the reasonable direct delay and disruption costs incurred by Contractor as a result of the other contractor's wrongful actions or inactions.
- C. Contractor shall be liable to Owner and any other contractor under direct contract to Owner for the reasonable direct delay and disruption costs incurred by such other contractor as a result of Contractor's wrongful action or inactions.

ARTICLE 8 – OWNER'S RESPONSIBILITIES

8.01 *Communications to Contractor*

- A. Except as otherwise provided in these General Conditions, Owner shall issue all communications to Contractor through Engineer.

8.02 *Replacement of Engineer*

- A. In case of termination of the employment of Engineer, Owner shall appoint an engineer to whom Contractor makes no reasonable objection, whose status under the Contract Documents shall be that of the former Engineer.

8.03 *Furnish Data*

- A. Owner shall promptly furnish the data required of Owner under the Contract Documents.

8.04 *Pay When Due*

- A. Owner shall make payments to Contractor when they are due as provided in Paragraphs 14.02.C and 14.07.C.

8.05 *Lands and Easements; Reports and Tests*

- A. Owner's duties with respect to providing lands and easements and providing engineering surveys to establish reference points are set forth in Paragraphs 4.01 and 4.05. Paragraph 4.02 refers to Owner's identifying and making available to Contractor copies of reports of explorations and tests of subsurface conditions and drawings of physical conditions relating to existing surface or subsurface structures at the Site.

8.06 *Insurance*

- A. Owner's responsibilities, if any, with respect to purchasing and maintaining liability and property insurance are set forth in Article 5.

8.07 *Change Orders*

- A. Owner is obligated to execute Change Orders as indicated in Paragraph 10.03.

8.08 *Inspections, Tests, and Approvals*

- A. Owner's responsibility with respect to certain inspections, tests, and approvals is set forth in Paragraph 13.03.B.

8.09 *Limitations on Owner's Responsibilities*

- A. The Owner shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Owner will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

8.10 *Undisclosed Hazardous Environmental Condition*

- A. Owner's responsibility in respect to an undisclosed Hazardous Environmental Condition is set forth in Paragraph 4.06.

8.11 *Evidence of Financial Arrangements*

- A. Upon request of Contractor, Owner shall furnish Contractor reasonable evidence that financial arrangements have been made to satisfy Owner's obligations under the Contract Documents.

8.12 *Compliance with Safety Program*

- A. While at the Site, Owner's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Owner has been informed pursuant to Paragraph 6.13.D.

ARTICLE 9 – ENGINEER'S STATUS DURING CONSTRUCTION

9.01 *Owner's Representative*

- A. Engineer will be Owner's representative during the construction period. The duties and responsibilities and the limitations of authority of Engineer as Owner's representative during construction are set forth in the Contract Documents.

9.02 *Visits to Site*

- A. Engineer will make visits to the Site at intervals appropriate to the various stages of construction as Engineer deems necessary in order to observe as an experienced and qualified design professional the progress that has been made and the quality of the various aspects of Contractor's executed Work. Based on information obtained during such visits and observations, Engineer, for the benefit of Owner, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. Engineer will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. Engineer's efforts will be directed toward providing for Owner a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and observations, Engineer will keep Owner informed of the progress of the Work and will endeavor to guard Owner against defective Work.

- B. Engineer's visits and observations are subject to all the limitations on Engineer's authority and responsibility set forth in Paragraph 9.09. Particularly, but without limitation, during or as a result of Engineer's visits or observations of Contractor's Work, Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work.

9.03 *Project Representative*

- A. If Owner and Engineer agree, Engineer will furnish a Resident Project Representative to assist Engineer in providing more extensive observation of the Work. The authority and responsibilities of any such Resident Project Representative and assistants will be as provided in the Supplementary Conditions, and limitations on the responsibilities thereof will be as provided in Paragraph 9.09. If Owner designates another representative or agent to represent Owner at the Site who is not Engineer's consultant, agent or employee, the responsibilities and authority and limitations thereon of such other individual or entity will be as provided in the Supplementary Conditions.

9.04 *Authorized Variations in Work*

- A. Engineer may authorize minor variations in the Work from the requirements of the Contract Documents which do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. These may be accomplished by a Field Order and will be binding on Owner and also on Contractor, who shall perform the Work involved promptly. If Owner or Contractor believes that a Field Order justifies an adjustment in the Contract Price or Contract Times, or both, and the parties are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment, a Claim may be made therefor as provided in Paragraph 10.05.

9.05 *Rejecting Defective Work*

- A. Engineer will have authority to reject Work which Engineer believes to be defective, or that Engineer believes will not produce a completed Project that conforms to the Contract Documents or that will prejudice the integrity of the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Engineer will also have authority to require special inspection or testing of the Work as provided in Paragraph 13.04, whether or not the Work is fabricated, installed, or completed.

9.06 *Shop Drawings, Change Orders and Payments*

- A. In connection with Engineer's authority, and limitations thereof, as to Shop Drawings and Samples, see Paragraph 6.17.
- B. In connection with Engineer's authority, and limitations thereof, as to design calculations and design drawings submitted in response to a delegation of professional design services, if any, see Paragraph 6.21.

- C. In connection with Engineer's authority as to Change Orders, see Articles 10, 11, and 12.
- D. In connection with Engineer's authority as to Applications for Payment, see Article 14.

9.07 *Determinations for Unit Price Work*

- A. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor. Engineer will review with Contractor the Engineer's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). Engineer's written decision thereon will be final and binding (except as modified by Engineer to reflect changed factual conditions or more accurate data) upon Owner and Contractor, subject to the provisions of Paragraph 10.05.

9.08 *Decisions on Requirements of Contract Documents and Acceptability of Work*

- A. Engineer will be the initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the Work thereunder. All matters in question and other matters between Owner and Contractor arising prior to the date final payment is due relating to the acceptability of the Work, and the interpretation of the requirements of the Contract Documents pertaining to the performance of the Work, will be referred initially to Engineer in writing within 30 days of the event giving rise to the question.
- B. Engineer will, with reasonable promptness, render a written decision on the issue referred. If Owner or Contractor believes that any such decision entitles them to an adjustment in the Contract Price or Contract Times or both, a Claim may be made under Paragraph 10.05. The date of Engineer's decision shall be the date of the event giving rise to the issues referenced for the purposes of Paragraph 10.05.B.
- C. Engineer's written decision on the issue referred will be final and binding on Owner and Contractor, subject to the provisions of Paragraph 10.05.
- D. When functioning as interpreter and judge under this Paragraph 9.08, Engineer will not show partiality to Owner or Contractor and will not be liable in connection with any interpretation or decision rendered in good faith in such capacity.

9.09 *Limitations on Engineer's Authority and Responsibilities*

- A. Neither Engineer's authority or responsibility under this Article 9 or under any other provision of the Contract Documents nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by Engineer shall create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.
- B. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

- C. Engineer will not be responsible for the acts or omissions of Contractor or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.
- D. Engineer's review of the final Application for Payment and accompanying documentation and all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by Paragraph 14.07.A will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests, and approvals that the results certified indicate compliance with, the Contract Documents.
- E. The limitations upon authority and responsibility set forth in this Paragraph 9.09 shall also apply to the Resident Project Representative, if any, and assistants, if any.

9.10 *Compliance with Safety Program*

- A. While at the Site, Engineer's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Engineer has been informed pursuant to Paragraph 6.13.D.

ARTICLE 10 – CHANGES IN THE WORK; CLAIMS

10.01 *Authorized Changes in the Work*

- A. Without invalidating the Contract and without notice to any surety, Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work by a Change Order, or a Work Change Directive. Upon receipt of any such document, Contractor shall promptly proceed with the Work involved which will be performed under the applicable conditions of the Contract Documents (except as otherwise specifically provided).
- B. If Owner and Contractor are unable to agree on entitlement to, or on the amount or extent, if any, of an adjustment in the Contract Price or Contract Times, or both, that should be allowed as a result of a Work Change Directive, a Claim may be made therefor as provided in Paragraph 10.05.

10.02 *Unauthorized Changes in the Work*

- A. Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents as amended, modified, or supplemented as provided in Paragraph 3.04, except in the case of an emergency as provided in Paragraph 6.16 or in the case of uncovering Work as provided in Paragraph 13.04.D.

10.03 *Execution of Change Orders*

- A. Owner and Contractor shall execute appropriate Change Orders recommended by Engineer covering:

1. changes in the Work which are: (i) ordered by Owner pursuant to Paragraph 10.01.A, (ii) required because of acceptance of defective Work under Paragraph 13.08.A or Owner's correction of defective Work under Paragraph 13.09, or (iii) agreed to by the parties;
2. changes in the Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive; and
3. changes in the Contract Price or Contract Times which embody the substance of any written decision rendered by Engineer pursuant to Paragraph 10.05; provided that, in lieu of executing any such Change Order, an appeal may be taken from any such decision in accordance with the provisions of the Contract Documents and applicable Laws and Regulations, but during any such appeal, Contractor shall carry on the Work and adhere to the Progress Schedule as provided in Paragraph 6.18.A.

10.04 *Notification to Surety*

- A. If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

10.05 *Claims*

- A. *Engineer's Decision Required:* All Claims, except those waived pursuant to Paragraph 14.09, shall be referred to the Engineer for decision. A decision by Engineer shall be required as a condition precedent to any exercise by Owner or Contractor of any rights or remedies either may otherwise have under the Contract Documents or by Laws and Regulations in respect of such Claims.
- B. *Notice:* Written notice stating the general nature of each Claim shall be delivered by the claimant to Engineer and the other party to the Contract promptly (but in no event later than 30 days) after the start of the event giving rise thereto. The responsibility to substantiate a Claim shall rest with the party making the Claim. Notice of the amount or extent of the Claim, with supporting data shall be delivered to the Engineer and the other party to the Contract within 60 days after the start of such event (unless Engineer allows additional time for claimant to submit additional or more accurate data in support of such Claim). A Claim for an adjustment in Contract Price shall be prepared in accordance with the provisions of Paragraph 12.01.B. A Claim for an adjustment in Contract Times shall be prepared in accordance with the provisions of Paragraph 12.02.B. Each Claim shall be accompanied by claimant's written statement that the adjustment claimed is the entire adjustment to which the claimant believes it is entitled as a result of said event. The opposing party shall submit any response to Engineer and the claimant within 30 days after receipt of the claimant's last submittal (unless Engineer allows additional time).
- C. *Engineer's Action:* Engineer will review each Claim and, within 30 days after receipt of the last submittal of the claimant or the last submittal of the opposing party, if any, take one of the following actions in writing:

1. deny the Claim in whole or in part;
 2. approve the Claim; or
 3. notify the parties that the Engineer is unable to resolve the Claim if, in the Engineer's sole discretion, it would be inappropriate for the Engineer to do so. For purposes of further resolution of the Claim, such notice shall be deemed a denial.
- D. In the event that Engineer does not take action on a Claim within said 30 days, the Claim shall be deemed denied.
- E. Engineer's written action under Paragraph 10.05.C or denial pursuant to Paragraphs 10.05.C.3 or 10.05.D will be final and binding upon Owner and Contractor, unless Owner or Contractor invoke the dispute resolution procedure set forth in Article 16 within 30 days of such action or denial.
- F. No Claim for an adjustment in Contract Price or Contract Times will be valid if not submitted in accordance with this Paragraph 10.05.

ARTICLE 11 – COST OF THE WORK; ALLOWANCES; UNIT PRICE WORK

11.01 Cost of the Work

- A. *Costs Included:* The term Cost of the Work means the sum of all costs, except those excluded in Paragraph 11.01.B, necessarily incurred and paid by Contractor in the proper performance of the Work. When the value of any Work covered by a Change Order or when a Claim for an adjustment in Contract Price is determined on the basis of Cost of the Work, the costs to be reimbursed to Contractor will be only those additional or incremental costs required because of the change in the Work or because of the event giving rise to the Claim. Except as otherwise may be agreed to in writing by Owner, such costs shall be in amounts no higher than those prevailing in the locality of the Project, shall not include any of the costs itemized in Paragraph 11.01.B, and shall include only the following items:
1. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by Owner and Contractor. Such employees shall include, without limitation, superintendents, foremen, and other personnel employed full time on the Work. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits, which shall include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, bonuses, sick leave, vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, shall be included in the above to the extent authorized by Owner.
 2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts shall accrue to Contractor unless Owner deposits funds with Contractor with which to make payments, in which case the cash discounts shall accrue to

Owner. All trade discounts, rebates and refunds and returns from sale of surplus materials and equipment shall accrue to Owner, and Contractor shall make provisions so that they may be obtained.

3. Payments made by Contractor to Subcontractors for Work performed by Subcontractors. If required by Owner, Contractor shall obtain competitive bids from subcontractors acceptable to Owner and Contractor and shall deliver such bids to Owner, who will then determine, with the advice of Engineer, which bids, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee shall be determined in the same manner as Contractor's Cost of the Work and fee as provided in this Paragraph 11.01.
4. Costs of special consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys, and accountants) employed for services specifically related to the Work.
5. Supplemental costs including the following:
 - a. The proportion of necessary transportation, travel, and subsistence expenses of Contractor's employees incurred in discharge of duties connected with the Work.
 - b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of Contractor.
 - c. Rentals of all construction equipment and machinery, and the parts thereof whether rented from Contractor or others in accordance with rental agreements approved by Owner with the advice of Engineer, and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs shall be in accordance with the terms of said rental agreements. The rental of any such equipment, machinery, or parts shall cease when the use thereof is no longer necessary for the Work.
 - d. Sales, consumer, use, and other similar taxes related to the Work, and for which Contractor is liable, as imposed by Laws and Regulations.
 - e. Deposits lost for causes other than negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.
 - f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by Contractor in connection with the performance of the Work (except losses and damages within the deductible amounts of property insurance established in accordance with Paragraph 5.06.D), provided such losses and damages have resulted from causes other than the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with

the written consent and approval of Owner. No such losses, damages, and expenses shall be included in the Cost of the Work for the purpose of determining Contractor's fee.

- g. The cost of utilities, fuel, and sanitary facilities at the Site.
- h. Minor expenses such as telegrams, long distance telephone calls, telephone service at the Site, express and courier services, and similar petty cash items in connection with the Work.
- i. The costs of premiums for all bonds and insurance Contractor is required by the Contract Documents to purchase and maintain.

B. *Costs Excluded:* The term Cost of the Work shall not include any of the following items:

- 1. Payroll costs and other compensation of Contractor's officers, executives, principals (of partnerships and sole proprietorships), general managers, safety managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by Contractor, whether at the Site or in Contractor's principal or branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 11.01.A.1 or specifically covered by Paragraph 11.01.A.4, all of which are to be considered administrative costs covered by the Contractor's fee.
- 2. Expenses of Contractor's principal and branch offices other than Contractor's office at the Site.
- 3. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.
- 4. Costs due to the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.
- 5. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraphs 11.01.A.

C. *Contractor's Fee:* When all the Work is performed on the basis of cost-plus, Contractor's fee shall be determined as set forth in the Agreement. When the value of any Work covered by a Change Order or when a Claim for an adjustment in Contract Price is determined on the basis of Cost of the Work, Contractor's fee shall be determined as set forth in Paragraph 12.01.C.

D. *Documentation:* Whenever the Cost of the Work for any purpose is to be determined pursuant to Paragraphs 11.01.A and 11.01.B, Contractor will establish and maintain records thereof in accordance with generally accepted accounting practices and submit in a form acceptable to Engineer an itemized cost breakdown together with supporting data.

11.02 Allowances

- A. It is understood that Contractor has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums and by such persons or entities as may be acceptable to Owner and Engineer.
- B. *Cash Allowances:*
 - 1. Contractor agrees that:
 - a. the cash allowances include the cost to Contractor (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the Site, and all applicable taxes; and
 - b. Contractor's costs for unloading and handling on the Site, labor, installation, overhead, profit, and other expenses contemplated for the cash allowances have been included in the Contract Price and not in the allowances, and no demand for additional payment on account of any of the foregoing will be valid.
- C. *Contingency Allowance:*
 - 1. Contractor agrees that a contingency allowance, if any, is for the sole use of Owner to cover unanticipated costs.
- D. Prior to final payment, an appropriate Change Order will be issued as recommended by Engineer to reflect actual amounts due Contractor on account of Work covered by allowances, and the Contract Price shall be correspondingly adjusted.

11.03 Unit Price Work

- A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement.
- B. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Determinations of the actual quantities and classifications of Unit Price Work performed by Contractor will be made by Engineer subject to the provisions of Paragraph 9.07.
- C. Each unit price will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead and profit for each separately identified item.
- D. Owner or Contractor may make a Claim for an adjustment in the Contract Price in accordance with Paragraph 10.05 if:
 - 1. the quantity of any item of Unit Price Work performed by Contractor differs materially and significantly from the estimated quantity of such item indicated in the Agreement; and
 - 2. there is no corresponding adjustment with respect to any other item of Work; and

3. Contractor believes that Contractor is entitled to an increase in Contract Price as a result of having incurred additional expense or Owner believes that Owner is entitled to a decrease in Contract Price and the parties are unable to agree as to the amount of any such increase or decrease.

ARTICLE 12 – CHANGE OF CONTRACT PRICE; CHANGE OF CONTRACT TIMES

12.01 *Change of Contract Price*

- A. The Contract Price may only be changed by a Change Order. Any Claim for an adjustment in the Contract Price shall be based on written notice submitted by the party making the Claim to the Engineer and the other party to the Contract in accordance with the provisions of Paragraph 10.05.
- B. The value of any Work covered by a Change Order or of any Claim for an adjustment in the Contract Price will be determined as follows:
 1. where the Work involved is covered by unit prices contained in the Contract Documents, by application of such unit prices to the quantities of the items involved (subject to the provisions of Paragraph 11.03); or
 2. where the Work involved is not covered by unit prices contained in the Contract Documents, by a mutually agreed lump sum (which may include an allowance for overhead and profit not necessarily in accordance with Paragraph 12.01.C.2); or
 3. where the Work involved is not covered by unit prices contained in the Contract Documents and agreement to a lump sum is not reached under Paragraph 12.01.B.2, on the basis of the Cost of the Work (determined as provided in Paragraph 11.01) plus a Contractor's fee for overhead and profit (determined as provided in Paragraph 12.01.C).
- C. *Contractor's Fee*: The Contractor's fee for overhead and profit shall be determined as follows:
 1. a mutually acceptable fixed fee; or
 2. if a fixed fee is not agreed upon, then a fee based on the following percentages of the various portions of the Cost of the Work:
 - a. for costs incurred under Paragraphs 11.01.A.1 and 11.01.A.2, the Contractor's fee shall be 15 percent;
 - b. for costs incurred under Paragraph 11.01.A.3, the Contractor's fee shall be five percent;
 - c. where one or more tiers of subcontracts are on the basis of Cost of the Work plus a fee and no fixed fee is agreed upon, the intent of Paragraphs 12.01.C.2.a and 12.01.C.2.b is that the Subcontractor who actually performs the Work, at whatever tier, will be paid a fee of 15 percent of the costs incurred by such Subcontractor under Paragraphs 11.01.A.1 and 11.01.A.2 and that any higher tier Subcontractor and Contractor will each be paid a fee of five percent of the amount paid to the next lower tier Subcontractor;

- d. no fee shall be payable on the basis of costs itemized under Paragraphs 11.01.A.4, 11.01.A.5, and 11.01.B;
- e. the amount of credit to be allowed by Contractor to Owner for any change which results in a net decrease in cost will be the amount of the actual net decrease in cost plus a deduction in Contractor's fee by an amount equal to five percent of such net decrease; and
- f. when both additions and credits are involved in any one change, the adjustment in Contractor's fee shall be computed on the basis of the net change in accordance with Paragraphs 12.01.C.2.a through 12.01.C.2.e, inclusive.

12.02 *Change of Contract Times*

- A. The Contract Times may only be changed by a Change Order. Any Claim for an adjustment in the Contract Times shall be based on written notice submitted by the party making the Claim to the Engineer and the other party to the Contract in accordance with the provisions of Paragraph 10.05.
- B. Any adjustment of the Contract Times covered by a Change Order or any Claim for an adjustment in the Contract Times will be determined in accordance with the provisions of this Article 12.

12.03 *Delays*

- A. Where Contractor is prevented from completing any part of the Work within the Contract Times due to delay beyond the control of Contractor, the Contract Times will be extended in an amount equal to the time lost due to such delay if a Claim is made therefor as provided in Paragraph 12.02.A. Delays beyond the control of Contractor shall include, but not be limited to, acts or neglect by Owner, acts or neglect of utility owners or other contractors performing other work as contemplated by Article 7, fires, floods, epidemics, abnormal weather conditions, or acts of God.
- B. If Owner, Engineer, or other contractors or utility owners performing other work for Owner as contemplated by Article 7, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in the Contract Price or the Contract Times, or both. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.
- C. If Contractor is delayed in the performance or progress of the Work by fire, flood, epidemic, abnormal weather conditions, acts of God, acts or failures to act of utility owners not under the control of Owner, or other causes not the fault of and beyond control of Owner and Contractor, then Contractor shall be entitled to an equitable adjustment in Contract Times, if such adjustment is essential to Contractor's ability to complete the Work within the Contract Times. Such an adjustment shall be Contractor's sole and exclusive remedy for the delays described in this Paragraph 12.03.C.
- D. Owner, Engineer, and their officers, directors, members, partners, employees, agents, consultants, or subcontractors shall not be liable to Contractor for any claims, costs, losses, or

damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Contractor on or in connection with any other project or anticipated project.

- E. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delays within the control of Contractor. Delays attributable to and within the control of a Subcontractor or Supplier shall be deemed to be delays within the control of Contractor.

ARTICLE 13 – TESTS AND INSPECTIONS; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

13.01 Notice of Defects

- A. Prompt notice of all defective Work of which Owner or Engineer has actual knowledge will be given to Contractor. Defective Work may be rejected, corrected, or accepted as provided in this Article 13.

13.02 Access to Work

- A. Owner, Engineer, their consultants and other representatives and personnel of Owner, independent testing laboratories, and governmental agencies with jurisdictional interests will have access to the Site and the Work at reasonable times for their observation, inspection, and testing. Contractor shall provide them proper and safe conditions for such access and advise them of Contractor's safety procedures and programs so that they may comply therewith as applicable.

13.03 Tests and Inspections

- A. Contractor shall give Engineer timely notice of readiness of the Work for all required inspections, tests, or approvals and shall cooperate with inspection and testing personnel to facilitate required inspections or tests.
- B. Owner shall employ and pay for the services of an independent testing laboratory to perform all inspections, tests, or approvals required by the Contract Documents except:
 - 1. for inspections, tests, or approvals covered by Paragraphs 13.03.C and 13.03.D below;
 - 2. that costs incurred in connection with tests or inspections conducted pursuant to Paragraph 13.04.B shall be paid as provided in Paragraph 13.04.C; and
 - 3. as otherwise specifically provided in the Contract Documents.
- C. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, Contractor shall assume full responsibility for arranging and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish Engineer the required certificates of inspection or approval.
- D. Contractor shall be responsible for arranging and obtaining and shall pay all costs in connection with any inspections, tests, or approvals required for Owner's and Engineer's acceptance of

materials or equipment to be incorporated in the Work; or acceptance of materials, mix designs, or equipment submitted for approval prior to Contractor's purchase thereof for incorporation in the Work. Such inspections, tests, or approvals shall be performed by organizations acceptable to Owner and Engineer.

- E. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Engineer, Contractor shall, if requested by Engineer, uncover such Work for observation.
- F. Uncovering Work as provided in Paragraph 13.03.E shall be at Contractor's expense unless Contractor has given Engineer timely notice of Contractor's intention to cover the same and Engineer has not acted with reasonable promptness in response to such notice.

13.04 *Uncovering Work*

- A. If any Work is covered contrary to the written request of Engineer, it must, if requested by Engineer, be uncovered for Engineer's observation and replaced at Contractor's expense.
- B. If Engineer considers it necessary or advisable that covered Work be observed by Engineer or inspected or tested by others, Contractor, at Engineer's request, shall uncover, expose, or otherwise make available for observation, inspection, or testing as Engineer may require, that portion of the Work in question, furnishing all necessary labor, material, and equipment.
- C. If it is found that the uncovered Work is defective, Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and Owner shall be entitled to an appropriate decrease in the Contract Price. If the parties are unable to agree as to the amount thereof, Owner may make a Claim therefor as provided in Paragraph 10.05.
- D. If the uncovered Work is not found to be defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Times, or both, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, Contractor may make a Claim therefor as provided in Paragraph 10.05.

13.05 *Owner May Stop the Work*

- A. If the Work is defective, or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, Owner may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of Owner to stop the Work shall not give rise to any duty on the part of Owner to exercise this right for the benefit of Contractor, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

13.06 *Correction or Removal of Defective Work*

- A. Promptly after receipt of written notice, Contractor shall correct all defective Work, whether or not fabricated, installed, or completed, or, if the Work has been rejected by Engineer, remove it from the Project and replace it with Work that is not defective. Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or removal (including but not limited to all costs of repair or replacement of work of others).
- B. When correcting defective Work under the terms of this Paragraph 13.06 or Paragraph 13.07, Contractor shall take no action that would void or otherwise impair Owner's special warranty and guarantee, if any, on said Work.

13.07 *Correction Period*

- A. If within one year after the date of Substantial Completion (or such longer period of time as may be prescribed by the terms of any applicable special guarantee required by the Contract Documents) or by any specific provision of the Contract Documents, any Work is found to be defective, or if the repair of any damages to the land or areas made available for Contractor's use by Owner or permitted by Laws and Regulations as contemplated in Paragraph 6.11.A is found to be defective, Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions:
 - 1. repair such defective land or areas; or
 - 2. correct such defective Work; or
 - 3. if the defective Work has been rejected by Owner, remove it from the Project and replace it with Work that is not defective, and
 - 4. satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others or other land or areas resulting therefrom.
- B. If Contractor does not promptly comply with the terms of Owner's written instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or repaired or may have the rejected Work removed and replaced. All claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement of work of others) will be paid by Contractor.
- C. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.
- D. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under this Paragraph 13.07, the correction period hereunder with respect

to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.

- E. Contractor's obligations under this Paragraph 13.07 are in addition to any other obligation or warranty. The provisions of this Paragraph 13.07 shall not be construed as a substitute for, or a waiver of, the provisions of any applicable statute of limitation or repose.

13.08 *Acceptance of Defective Work*

- A. If, instead of requiring correction or removal and replacement of defective Work, Owner (and, prior to Engineer's recommendation of final payment, Engineer) prefers to accept it, Owner may do so. Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) attributable to Owner's evaluation of and determination to accept such defective Work (such costs to be approved by Engineer as to reasonableness) and for the diminished value of the Work to the extent not otherwise paid by Contractor pursuant to this sentence. If any such acceptance occurs prior to Engineer's recommendation of final payment, a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work, and Owner shall be entitled to an appropriate decrease in the Contract Price, reflecting the diminished value of Work so accepted. If the parties are unable to agree as to the amount thereof, Owner may make a Claim therefor as provided in Paragraph 10.05. If the acceptance occurs after such recommendation, an appropriate amount will be paid by Contractor to Owner.

13.09 *Owner May Correct Defective Work*

- A. If Contractor fails within a reasonable time after written notice from Engineer to correct defective Work, or to remove and replace rejected Work as required by Engineer in accordance with Paragraph 13.06.A, or if Contractor fails to perform the Work in accordance with the Contract Documents, or if Contractor fails to comply with any other provision of the Contract Documents, Owner may, after seven days written notice to Contractor, correct, or remedy any such deficiency.
- B. In exercising the rights and remedies under this Paragraph 13.09, Owner shall proceed expeditiously. In connection with such corrective or remedial action, Owner may exclude Contractor from all or part of the Site, take possession of all or part of the Work and suspend Contractor's services related thereto, take possession of Contractor's tools, appliances, construction equipment and machinery at the Site, and incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere. Contractor shall allow Owner, Owner's representatives, agents and employees, Owner's other contractors, and Engineer and Engineer's consultants access to the Site to enable Owner to exercise the rights and remedies under this Paragraph.
- C. All claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) incurred or sustained by Owner in exercising the rights and remedies under this Paragraph 13.09 will be charged against Contractor, and a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work; and Owner shall be entitled to an appropriate decrease in the Contract Price. If the parties

are unable to agree as to the amount of the adjustment, Owner may make a Claim therefor as provided in Paragraph 10.05. Such claims, costs, losses and damages will include but not be limited to all costs of repair, or replacement of work of others destroyed or damaged by correction, removal, or replacement of Contractor's defective Work.

- D. Contractor shall not be allowed an extension of the Contract Times because of any delay in the performance of the Work attributable to the exercise by Owner of Owner's rights and remedies under this Paragraph 13.09.

ARTICLE 14 – PAYMENTS TO CONTRACTOR AND COMPLETION

14.01 Schedule of Values

- A. The Schedule of Values established as provided in Paragraph 2.07.A will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to Engineer. Progress payments on account of Unit Price Work will be based on the number of units completed.

14.02 Progress Payments

A. Applications for Payments:

1. At least 20 days before the date established in the Agreement for each progress payment (but not more often than once a month), Contractor shall submit to Engineer for review an Application for Payment filled out and signed by Contractor covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment shall also be accompanied by a bill of sale, invoice, or other documentation warranting that Owner has received the materials and equipment free and clear of all Liens and evidence that the materials and equipment are covered by appropriate property insurance or other arrangements to protect Owner's interest therein, all of which must be satisfactory to Owner.
2. Beginning with the second Application for Payment, each Application shall include an affidavit of Contractor stating that all previous progress payments received on account of the Work have been applied on account to discharge Contractor's legitimate obligations associated with prior Applications for Payment.
3. The amount of retainage with respect to progress payments will be as stipulated in the Agreement.

B. Review of Applications:

1. Engineer will, within 10 days after receipt of each Application for Payment, either indicate in writing a recommendation of payment and present the Application to Owner or return the Application to Contractor indicating in writing Engineer's reasons for refusing to recommend payment. In the latter case, Contractor may make the necessary corrections and resubmit the Application.

2. Engineer's recommendation of any payment requested in an Application for Payment will constitute a representation by Engineer to Owner, based on Engineer's observations of the executed Work as an experienced and qualified design professional, and on Engineer's review of the Application for Payment and the accompanying data and schedules, that to the best of Engineer's knowledge, information and belief:
 - a. the Work has progressed to the point indicated;
 - b. the quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, the results of any subsequent tests called for in the Contract Documents, a final determination of quantities and classifications for Unit Price Work under Paragraph 9.07, and any other qualifications stated in the recommendation); and
 - c. the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work.
3. By recommending any such payment Engineer will not thereby be deemed to have represented that:
 - a. inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Contract Documents; or
 - b. there may not be other matters or issues between the parties that might entitle Contractor to be paid additionally by Owner or entitle Owner to withhold payment to Contractor.
4. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment, including final payment, will impose responsibility on Engineer:
 - a. to supervise, direct, or control the Work, or
 - b. for the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or
 - c. for Contractor's failure to comply with Laws and Regulations applicable to Contractor's performance of the Work, or
 - d. to make any examination to ascertain how or for what purposes Contractor has used the moneys paid on account of the Contract Price, or
 - e. to determine that title to any of the Work, materials, or equipment has passed to Owner free and clear of any Liens.
5. Engineer may refuse to recommend the whole or any part of any payment if, in Engineer's opinion, it would be incorrect to make the representations to Owner stated in Paragraph 14.02.B.2. Engineer may also refuse to recommend any such payment or, because

of subsequently discovered evidence or the results of subsequent inspections or tests, revise or revoke any such payment recommendation previously made, to such extent as may be necessary in Engineer's opinion to protect Owner from loss because:

- a. the Work is defective, or completed Work has been damaged, requiring correction or replacement;
- b. the Contract Price has been reduced by Change Orders;
- c. Owner has been required to correct defective Work or complete Work in accordance with Paragraph 13.09; or
- d. Engineer has actual knowledge of the occurrence of any of the events enumerated in Paragraph 15.02.A.

C. Payment Becomes Due:

1. Ten days after presentation of the Application for Payment to Owner with Engineer's recommendation, the amount recommended will (subject to the provisions of Paragraph 14.02.D) become due, and when due will be paid by Owner to Contractor.

D. Reduction in Payment:

1. Owner may refuse to make payment of the full amount recommended by Engineer because:
 - a. claims have been made against Owner on account of Contractor's performance or furnishing of the Work;
 - b. Liens have been filed in connection with the Work, except where Contractor has delivered a specific bond satisfactory to Owner to secure the satisfaction and discharge of such Liens;
 - c. there are other items entitling Owner to a set-off against the amount recommended; or
 - d. Owner has actual knowledge of the occurrence of any of the events enumerated in Paragraphs 14.02.B.5.a through 14.02.B.5.c or Paragraph 15.02.A.
2. If Owner refuses to make payment of the full amount recommended by Engineer, Owner will give Contractor immediate written notice (with a copy to Engineer) stating the reasons for such action and promptly pay Contractor any amount remaining after deduction of the amount so withheld. Owner shall promptly pay Contractor the amount so withheld, or any adjustment thereto agreed to by Owner and Contractor, when Contractor remedies the reasons for such action.
3. Upon a subsequent determination that Owner's refusal of payment was not justified, the amount wrongfully withheld shall be treated as an amount due as determined by Paragraph 14.02.C.1 and subject to interest as provided in the Agreement.

14.03 *Contractor's Warranty of Title*

- A. Contractor warrants and guarantees that title to all Work, materials, and equipment covered by any Application for Payment, whether incorporated in the Project or not, will pass to Owner no later than the time of payment free and clear of all Liens.

14.04 *Substantial Completion*

- A. When Contractor considers the entire Work ready for its intended use Contractor shall notify Owner and Engineer in writing that the entire Work is substantially complete (except for items specifically listed by Contractor as incomplete) and request that Engineer issue a certificate of Substantial Completion.
- B. Promptly after Contractor's notification, Owner, Contractor, and Engineer shall make an inspection of the Work to determine the status of completion. If Engineer does not consider the Work substantially complete, Engineer will notify Contractor in writing giving the reasons therefor.
- C. If Engineer considers the Work substantially complete, Engineer will deliver to Owner a tentative certificate of Substantial Completion which shall fix the date of Substantial Completion. There shall be attached to the certificate a tentative list of items to be completed or corrected before final payment. Owner shall have seven days after receipt of the tentative certificate during which to make written objection to Engineer as to any provisions of the certificate or attached list. If, after considering such objections, Engineer concludes that the Work is not substantially complete, Engineer will, within 14 days after submission of the tentative certificate to Owner, notify Contractor in writing, stating the reasons therefor. If, after consideration of Owner's objections, Engineer considers the Work substantially complete, Engineer will, within said 14 days, execute and deliver to Owner and Contractor a definitive certificate of Substantial Completion (with a revised tentative list of items to be completed or corrected) reflecting such changes from the tentative certificate as Engineer believes justified after consideration of any objections from Owner.
- D. At the time of delivery of the tentative certificate of Substantial Completion, Engineer will deliver to Owner and Contractor a written recommendation as to division of responsibilities pending final payment between Owner and Contractor with respect to security, operation, safety, and protection of the Work, maintenance, heat, utilities, insurance, and warranties and guarantees. Unless Owner and Contractor agree otherwise in writing and so inform Engineer in writing prior to Engineer's issuing the definitive certificate of Substantial Completion, Engineer's aforesaid recommendation will be binding on Owner and Contractor until final payment.
- E. Owner shall have the right to exclude Contractor from the Site after the date of Substantial Completion subject to allowing Contractor reasonable access to remove its property and complete or correct items on the tentative list.

14.05 *Partial Utilization*

- A. Prior to Substantial Completion of all the Work, Owner may use or occupy any substantially completed part of the Work which has specifically been identified in the Contract Documents, or

which Owner, Engineer, and Contractor agree constitutes a separately functioning and usable part of the Work that can be used by Owner for its intended purpose without significant interference with Contractor's performance of the remainder of the Work, subject to the following conditions:

1. Owner at any time may request Contractor in writing to permit Owner to use or occupy any such part of the Work which Owner believes to be ready for its intended use and substantially complete. If and when Contractor agrees that such part of the Work is substantially complete, Contractor, Owner, and Engineer will follow the procedures of Paragraph 14.04.A through D for that part of the Work.
2. Contractor at any time may notify Owner and Engineer in writing that Contractor considers any such part of the Work ready for its intended use and substantially complete and request Engineer to issue a certificate of Substantial Completion for that part of the Work.
3. Within a reasonable time after either such request, Owner, Contractor, and Engineer shall make an inspection of that part of the Work to determine its status of completion. If Engineer does not consider that part of the Work to be substantially complete, Engineer will notify Owner and Contractor in writing giving the reasons therefor. If Engineer considers that part of the Work to be substantially complete, the provisions of Paragraph 14.04 will apply with respect to certification of Substantial Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.
4. No use or occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of Paragraph 5.10 regarding property insurance.

14.06 *Final Inspection*

- A. Upon written notice from Contractor that the entire Work or an agreed portion thereof is complete, Engineer will promptly make a final inspection with Owner and Contractor and will notify Contractor in writing of all particulars in which this inspection reveals that the Work is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

14.07 *Final Payment*

A. *Application for Payment:*

1. After Contractor has, in the opinion of Engineer, satisfactorily completed all corrections identified during the final inspection and has delivered, in accordance with the Contract Documents, all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance, certificates of inspection, marked-up record documents (as provided in Paragraph 6.12), and other documents, Contractor may make application for final payment following the procedure for progress payments.
2. The final Application for Payment shall be accompanied (except as previously delivered) by:
 - a. all documentation called for in the Contract Documents, including but not limited to the evidence of insurance required by Paragraph 5.04.B.6;

- b. consent of the surety, if any, to final payment;
 - c. a list of all Claims against Owner that Contractor believes are unsettled; and
 - d. complete and legally effective releases or waivers (satisfactory to Owner) of all Lien rights arising out of or Liens filed in connection with the Work.
3. In lieu of the releases or waivers of Liens specified in Paragraph 14.07.A.2 and as approved by Owner, Contractor may furnish receipts or releases in full and an affidavit of Contractor that: (i) the releases and receipts include all labor, services, material, and equipment for which a Lien could be filed; and (ii) all payrolls, material and equipment bills, and other indebtedness connected with the Work for which Owner might in any way be responsible, or which might in any way result in liens or other burdens on Owner's property, have been paid or otherwise satisfied. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, Contractor may furnish a bond or other collateral satisfactory to Owner to indemnify Owner against any Lien.

B. Engineer's Review of Application and Acceptance:

1. If, on the basis of Engineer's observation of the Work during construction and final inspection, and Engineer's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, Engineer is satisfied that the Work has been completed and Contractor's other obligations under the Contract Documents have been fulfilled, Engineer will, within ten days after receipt of the final Application for Payment, indicate in writing Engineer's recommendation of payment and present the Application for Payment to Owner for payment. At the same time Engineer will also give written notice to Owner and Contractor that the Work is acceptable subject to the provisions of Paragraph 14.09. Otherwise, Engineer will return the Application for Payment to Contractor, indicating in writing the reasons for refusing to recommend final payment, in which case Contractor shall make the necessary corrections and resubmit the Application for Payment.

C. Payment Becomes Due:

1. Thirty days after the presentation to Owner of the Application for Payment and accompanying documentation, the amount recommended by Engineer, less any sum Owner is entitled to set off against Engineer's recommendation, including but not limited to liquidated damages, will become due and will be paid by Owner to Contractor.

14.08 *Final Completion Delayed*

- A. If, through no fault of Contractor, final completion of the Work is significantly delayed, and if Engineer so confirms, Owner shall, upon receipt of Contractor's final Application for Payment (for Work fully completed and accepted) and recommendation of Engineer, and without terminating the Contract, make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance to be held by Owner for Work not fully completed or corrected is less than the retainage stipulated in the Agreement, and if bonds have been furnished as required in Paragraph 5.01, the written consent of the surety to the payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by

Contractor to Engineer with the Application for such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of Claims.

14.09 *Waiver of Claims*

- A. The making and acceptance of final payment will constitute:
1. a waiver of all Claims by Owner against Contractor, except Claims arising from unsettled Liens, from defective Work appearing after final inspection pursuant to Paragraph 14.06, from failure to comply with the Contract Documents or the terms of any special guarantees specified therein, or from Contractor's continuing obligations under the Contract Documents; and
 2. a waiver of all Claims by Contractor against Owner other than those previously made in accordance with the requirements herein and expressly acknowledged by Owner in writing as still unsettled.

ARTICLE 15 – SUSPENSION OF WORK AND TERMINATION

15.01 *Owner May Suspend Work*

- A. At any time and without cause, Owner may suspend the Work or any portion thereof for a period of not more than 90 consecutive days by notice in writing to Contractor and Engineer which will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be granted an adjustment in the Contract Price or an extension of the Contract Times, or both, directly attributable to any such suspension if Contractor makes a Claim therefor as provided in Paragraph 10.05.

15.02 *Owner May Terminate for Cause*

- A. The occurrence of any one or more of the following events will justify termination for cause:
1. Contractor's persistent failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment or failure to adhere to the Progress Schedule established under Paragraph 2.07 as adjusted from time to time pursuant to Paragraph 6.04);
 2. Contractor's disregard of Laws or Regulations of any public body having jurisdiction;
 3. Contractor's repeated disregard of the authority of Engineer; or
 4. Contractor's violation in any substantial way of any provisions of the Contract Documents.
- B. If one or more of the events identified in Paragraph 15.02.A occur, Owner may, after giving Contractor (and surety) seven days written notice of its intent to terminate the services of Contractor:
1. exclude Contractor from the Site, and take possession of the Work and of all Contractor's tools, appliances, construction equipment, and machinery at the Site, and use the same to the

full extent they could be used by Contractor (without liability to Contractor for trespass or conversion);

2. incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere; and
 3. complete the Work as Owner may deem expedient.
- C. If Owner proceeds as provided in Paragraph 15.02.B, Contractor shall not be entitled to receive any further payment until the Work is completed. If the unpaid balance of the Contract Price exceeds all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Owner arising out of or relating to completing the Work, such excess will be paid to Contractor. If such claims, costs, losses, and damages exceed such unpaid balance, Contractor shall pay the difference to Owner. Such claims, costs, losses, and damages incurred by Owner will be reviewed by Engineer as to their reasonableness and, when so approved by Engineer, incorporated in a Change Order. When exercising any rights or remedies under this Paragraph, Owner shall not be required to obtain the lowest price for the Work performed.
- D. Notwithstanding Paragraphs 15.02.B and 15.02.C, Contractor's services will not be terminated if Contractor begins within seven days of receipt of notice of intent to terminate to correct its failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt of said notice.
- E. Where Contractor's services have been so terminated by Owner, the termination will not affect any rights or remedies of Owner against Contractor then existing or which may thereafter accrue. Any retention or payment of moneys due Contractor by Owner will not release Contractor from liability.
- F. If and to the extent that Contractor has provided a performance bond under the provisions of Paragraph 5.01.A, the termination procedures of that bond shall supersede the provisions of Paragraphs 15.02.B and 15.02.C.

15.03 *Owner May Terminate For Convenience*

- A. Upon seven days written notice to Contractor and Engineer, Owner may, without cause and without prejudice to any other right or remedy of Owner, terminate the Contract. In such case, Contractor shall be paid for (without duplication of any items):
1. completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
 2. expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses;

3. all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) incurred in settlement of terminated contracts with Subcontractors, Suppliers, and others; and
 4. reasonable expenses directly attributable to termination.
- B. Contractor shall not be paid on account of loss of anticipated profits or revenue or other economic loss arising out of or resulting from such termination.

15.04 *Contractor May Stop Work or Terminate*

- A. If, through no act or fault of Contractor, (i) the Work is suspended for more than 90 consecutive days by Owner or under an order of court or other public authority, or (ii) Engineer fails to act on any Application for Payment within 30 days after it is submitted, or (iii) Owner fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon seven days written notice to Owner and Engineer, and provided Owner or Engineer do not remedy such suspension or failure within that time, terminate the Contract and recover from Owner payment on the same terms as provided in Paragraph 15.03.
- B. In lieu of terminating the Contract and without prejudice to any other right or remedy, if Engineer has failed to act on an Application for Payment within 30 days after it is submitted, or Owner has failed for 30 days to pay Contractor any sum finally determined to be due, Contractor may, seven days after written notice to Owner and Engineer, stop the Work until payment is made of all such amounts due Contractor, including interest thereon. The provisions of this Paragraph 15.04 are not intended to preclude Contractor from making a Claim under Paragraph 10.05 for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to Contractor's stopping the Work as permitted by this Paragraph.

ARTICLE 16 – DISPUTE RESOLUTION

16.01 *Methods and Procedures*

- A. Either Owner or Contractor may request mediation of any Claim submitted to Engineer for a decision under Paragraph 10.05 before such decision becomes final and binding. The mediation will be governed by the Construction Industry Mediation Rules of the American Arbitration Association in effect as of the Effective Date of the Agreement. The request for mediation shall be submitted in writing to the American Arbitration Association and the other party to the Contract. Timely submission of the request shall stay the effect of Paragraph 10.05.E.
- B. Owner and Contractor shall participate in the mediation process in good faith. The process shall be concluded within 60 days of filing of the request. The date of termination of the mediation shall be determined by application of the mediation rules referenced above.
- C. If the Claim is not resolved by mediation, Engineer's action under Paragraph 10.05.C or a denial pursuant to Paragraphs 10.05.C.3 or 10.05.D shall become final and binding 30 days after termination of the mediation unless, within that time period, Owner or Contractor:

1. elects in writing to invoke any dispute resolution process provided for in the Supplementary Conditions; or
2. agrees with the other party to submit the Claim to another dispute resolution process; or
3. gives written notice to the other party of the intent to submit the Claim to a court of competent jurisdiction.

ARTICLE 17 – MISCELLANEOUS

17.01 Giving Notice

- A. Whenever any provision of the Contract Documents requires the giving of written notice, it will be deemed to have been validly given if:
 1. delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended; or
 2. delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of the notice.

17.02 Computation of Times

- A. When any period of time is referred to in the Contract Documents by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

17.03 Cumulative Remedies

- A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract Documents. The provisions of this Paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

17.04 Survival of Obligations

- A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract Documents, as well as all continuing obligations indicated in the Contract Documents, will survive final payment, completion, and acceptance of the Work or termination or completion of the Contract or termination of the services of Contractor.

17.05 Controlling Law

- A. This Contract is to be governed by the law of the state in which the Project is located.

17.06 *Headings*

- A. Article and paragraph headings are inserted for convenience only and do not constitute parts of these General Conditions.

SECTION 4
SUPPLEMENTARY CONDITIONS

SUPPLEMENTARY CONDITIONS

These Supplementary Conditions amend or supplement the Standard General Conditions of the Construction Contract and other provisions of the Contract Documents as indicated below. All provisions which are not so amended or supplemented remain in full force and effect.

SC-1 The terms used in these Supplementary Conditions which are defined in the Standard General Conditions of the Construction Contract have the meaning assigned to them in the General Conditions.

SC-2.02 Change the number of copies of the Contract Documents to be furnished to the Contractor from “up to ten” to “one executed copy and up to four non-executed bid set copies and one set in electronic format if requested.”

SC-2.03 In the last sentence, change “sixtieth day” to “ninetieth day.”

SC-5.03(A) The Contractor shall furnish a Certificate of Insurance satisfactory to the Owner from each Insurance Company showing that all required insurance is in force, stating policy numbers, dates of expiration, and limits of liability thereunder. If the Contractor fails to procure and maintain the said insurance, the Owner shall have the right to procure and maintain the said insurance for and in the name of the Contractor and the Contractor shall pay the cost thereof and shall furnish all necessary information to make effective and maintain such insurance.

SC-5.04(B)(2) The limits of liability for the insurance required by paragraph 5.04(A) of the General Conditions shall provide coverage for not less than the following amounts or greater where required by Laws and Regulations.

5.04(A)(1) and (2) Workers’ Compensation, etc., under paragraphs 5.04(A)(1) and 5.04(A)(2) of the General Conditions:

- | | | |
|-----|--|-------------|
| (a) | State | Statutory |
| (b) | Applicable Federal (e.g., Longshoreman’s): | Statutory |
| (c) | Employer’s Liability | \$1,000,000 |

5.04(A)(3), (4) and (5). Contractor’s Liability Insurance under paragraphs 5.04(A)(3) through 5.04(A)(5) of the General Conditions which shall also include completed operations and product liability coverage.

- (a) Bodily Injury and Property Damage, Combined Single Limit (CSL) (Except Products and Completed Operations) Property Damage liability insurance will provide Explosion, Collapse, and Underground coverage where applicable.

Each Occurrence	\$2,000,000*
General Aggregate	\$4,000,000*

- (b) Products and Completed Operations
Aggregate \$1,000,000

Products and Completed Operations to be maintained for two (2) years after final payment and Contractor shall continue to provide evidence of such coverage to the Owner on an annual basis during the aforementioned period.

- (c) Personal and Advertising Injury (Per Person/Organization and per occurrence) with Employment Exclusion deleted. \$1,000,000

- (d) Fire Damage \$100,000

- (e) *Umbrella Excess Liability – As needed to increase primary policy to limits in 5.04(A)(3) through 5.04(A)(5).

- (f) If the General Liability Policy includes a General Aggregate, such policy shall be endorsed to have General Aggregate apply to this project only (Per Project Aggregate Limit).

5.04(A)(6) Automobile Liability – (Owned, Non-Owned, Hired) Contractor may provide split limits or combined single limit.

- (a) Split Limits:

Bodily Injury, Each Person:	\$2,000,000
Each Occurrence:	\$2,000,000
Property Damage, Each Occurrence:	\$1,000,000

or

- (b) Combined Single Limit

Bodily Injury and Property Damage Each Occurrence	\$2,000,000
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- (c) Umbrella Excess Liability – as needed to increase Primary Policy to specified limits.

SC-5.04(B)(3) Add the following to the end of the paragraph: “to the extent available in the insurance industry with industry standard exclusions and as allowed under the laws and regulations in the State of Ohio;”

SC-5.04(B)(4) Add the following:

Written notice of cancellation for non-payment of premium shall be at least 10 days.

Add the following paragraphs:

SC-5.04(C) Unless otherwise stated in Specific Project Requirements, the Contractor shall purchase and provide an “Owner’s and Contractor’s Protective Policy” for the following limits:

Each Occurrence	\$1,000,000
General Aggregate	\$2,000,000

SC-5.04(D) Unless otherwise stated in Specific Project Requirements: the Contractor shall purchase and maintain during the Contract Time “All Risk Builders’ Risk Insurance,” and/or “Installation Floater Insurance,” and/or “Boiler and Machinery Insurance,” and any and all insurance requirements of section GC-5.06 of the General Conditions as applicable for the type of work to be performed upon the Project to the full insurable value thereof for the benefit of the Owner, the State, the Contractor, Subcontractors and Suppliers as their interest may appear. This insurance shall cover the work until final acceptance and final payment by the Owner. This provision shall in no way release the Contractor or Contractor’s Surety from obligations under the Contract Documents to fully complete the Project. The original policy(s) shall be filed with the Owner or his designated representative.

SC-5.05 See SC-5.04(C) above.

SC-5.06 Unless otherwise stated in Specific Project Requirements, the Contractor, not the Owner, shall purchase and maintain during the Contract Time all property insurance required in section GC-5.06 of the General Conditions and as outlined in SC-5.04(D) above.

SC-6.08(A) Add the following sentence to the end of the paragraph:

Since the Owner is the City of Mentor, and is the Building Code Authority Having Jurisdiction (AHJ), fees and deposits will be waived. The Contractor is required to schedule and obtain all required inspections from the AHJ.

SC-6.10(B) Add the following Paragraphs:

Owner is exempt from Ohio State Sales and Use Taxes on materials and equipment to be incorporated in the Project. Said taxes shall not be included in the Contract Price.

1. Owner will furnish the required certificates of tax exemption to Contractor for use in the purchase of supplies and materials to be incorporated into the work.
2. Owner’s exemption to Contractor does not apply to construction tools, machinery, equipment, or other property by or leased by Contractor, or to supplies or materials not incorporated into the work.

The Contractor shall withhold and/or pay all consumer, use, property, employment, income and other taxes in accordance with the laws and regulations of the United States, State of Ohio and Owner which are applicable during the performance of the work.

SC-6.17 Add the following new paragraph immediately after paragraph 6.17E:

F. Contractor shall furnish required submittals with sufficient information and accuracy in order to obtain required approval of an item with no more than three (3) submittals.

SC-7.02 Delete Section 7.02 of the General Conditions in its entirety and insert the following:

SC-7.02(A) The General Construction Contractor shall be referred to and defined as the Construction Coordinator.

SC-7.02(B) Duties of the Construction Coordinator include the following:

1. Scheduling and coordinating the work of the Prime Contractors including submission and periodic updating of the project schedule.
2. Establishing and administrating the site safety programs and procedures for the project.
3. See that permits are applied for and obtained on a timely basis. Advise the Engineer of any problems related to permit approval.
4. Monitoring compliance with Laws and Regulations.
5. Maintain project site for dust, sedimentation, debris, waste and general site cleanliness.
6. Coordinate location and use of temporary construction facilities including but not limited to sanitary, water, power, telephone and parking.
7. Coordinate Owner interface for utility tie-ins/shut downs.
8. Monitor shop drawings submittal and coordination of submittal information between Prime Contractors.

SC-13.07(A) In the First sentence of Section 13.07(A) remove “Substantial Completion” and insert “Final Acceptance of the entire project and final payment by the Owner.”

SC-13.07(C) Remove 13.07(C) and replace with the following:

All materials and equipment shall be warranted by the respective material supplier or equipment manufacturer until the end of the Contractor’s

“correction period” (or longer if specified elsewhere in the contract) regardless of the date of initial installation or operation of the material or equipment. The cost of such extended warranties as needed from material suppliers or equipment manufacturers to provide warranty coverage until the end of the “correction period” or other period as specified in the contract shall be the responsibility of the prime contractor and shall be assumed to have been included in his bid.

SC-14.02(A)(3) Delete Section 14.02(A)(3) of the General Conditions in its entirety and insert the following:

Until the job is 50% complete, the Contractor will be paid 92% of the estimated value of labor and material completed in acceptable form. After the work is 50% complete, no further funds shall be retained and the Contractor shall be paid 100% of the estimated value of labor and material completed in acceptable form, provided that the Contractor is making satisfactory progress and there is no specific cause for greater withholding. Upon the Owner’s agreement that the project is substantially complete, the Retainage may be reduced to twice the value of the remaining punch list work subject to the recommendation of the Engineer and the approval of the Owner.

SC-14.02(A)(4) Add the following paragraph:

Payment for stored materials at invoice prices or at the unit price bid for materials, or the lesser value of the two, will be made for accepted nonperishable equipment and materials which are to be incorporated into the work, when accepted, delivered, properly stored, and protected upon the site and verified to the Engineer by a copy of the invoice. For materials and equipment meeting the foregoing conditions, the Owner will pay, when properly included in an approved estimate, 92% of the invoice value of the same. Subsequent to the inclusion of a payment for delivered materials in a progress payment, Contractor shall submit no later than the next payment submission, a partial waiver of lien from each and every supplier for whom delivered materials were paid. If no such waiver is submitted prior to or along with the next payment, the amount of delivered materials paid commensurate with that particular item will be deducted from future payments. No payment for delivered materials shall be made for any items that are scheduled to be incorporated in the work within 30 days of submission of the pay estimate. Delivered materials will not be paid in any given month for a total amount less than \$5,000.00.

SC-14.02(A)(5) Add the following paragraph:

The form for application for payment will be the EJCDC Contractor’s Application for Payment and will be provided at the Pre-Construction Meeting.

SC-16.01 Delete Article 16 in its entirety and replace with the following:

DISPUTE RESOLUTION AGREEMENT – JUDICIAL SYSTEM

OWNER and CONTRACTOR hereby agree that Article 16 of the General Conditions to the Agreement between OWNER and CONTRACTOR is amended to include the following agreement of the parties:

- 16.1 All claims, disputes and other matters in question between Owner and Contractor arising out of or relating to the Contract Documents or the breach thereof (except for claims which have been waived by the making or acceptance of final payment as provided by Paragraph 14.09) will be decided through the Lake County Court of Common Pleas. Arbitration will be entered into only if agreed upon in writing by both parties.

SECTION 5
SPECIFICATIONS

PROJECT SUMMARY OF WORK

The Modernization and 12-month Warranty Maintenance of Two (2) In-Ground Hydraulic Passenger Elevators (State ID# 23171 & 36242) installed at Mentor City Hall, 8500 Civic Blvd, Mentor, Ohio 44060.

1. Purpose
2. Definitions
3. Codes / Standards
4. Provisions for the Disabled
5. Storage at Site
6. Inspections
7. Guarantee
8. Site Survey
9. Schedule
10. Protection of Persons and Property
11. Quality of Material
12. Material Information
13. Painting
14. Electrical Design and Wiring Requirements
15. Feeder Wiring
16. Workmanship
17. Removal of Excess Equipment
18. Work by Others
19. Final Inspection
20. Final Clean-up
21. Interim and Warranty Maintenance
22. Five-year service contract for all City of Mentor elevators

[1.] PURPOSE

The contractor must furnish the necessary labor and material to modernize and maintain two (2) hydraulic elevator systems in accordance with these specifications. This is a turn key project for the Contractor. All work is to be accomplished in a professional manner utilizing the best possible materials. The Contractor shall perform all operations as indicated on drawings, or specified herein, and in accordance with the requirements of the contract documents. Cutting and patching as a result of the elevator work is the responsibility of the Elevator Contractor. This specification will direct the Elevator Contractor to provide all Labor, Material, Equipment, Tools, Supplies and Supervision required to maximize the performance of the elevator and establish a modern, state of the art, safe, flexible and responsive vertical transportation system. It is the intention of this specification to outline broadly the equipment required and establish performance criteria but not to cover the details of design and construction. Such details are the responsibility of the Contractor. Once quotation has been bid, and accepted, no additional costs will be allowed for work, as outlined in this specification. Where a device is referred in the

singular number, it is intended that such reference shall apply to as many such devices as are required to obtain the precise effect and product from the completed installation.

[2.] DEFINITIONS

The terms used herein are defined as follows:

- A. "Work" shall mean the services, materials, labor and all other equipment required for complete and proper installation by the Contractor.
- B. "Approved", "Accepted", "Reviewed" or similar terms as applied to materials, products and workmanship shall mean that acceptance or review by the Consultant is required.
- C. "Directed", "Requested", "Selected" and similar terms shall mean that the Consultant or Owner shall direct, request and select.
- D. "Satisfactory" or similar terms shall mean to the satisfaction of the Consultant or Owner.
- E. "Provide" shall mean to supply, install and connect complete and ready for safe and regular operation particular work referred to unless specifically indicated otherwise by the Consultant.
- F. "Install" shall mean to erect, mount and connect complete with related accessories.
- G. "Supply" or "Furnish" shall mean to purchase, procure, acquire and deliver complete with related accessories.
- H. "Wiring" shall mean conduit, fittings, wire, junction and outlet boxes, switches, cutouts, receptacles and related items.
- I. "Concealed" shall mean in masonry or other construction, installed in furred spaces, within double partitions or hung ceilings, in trenches, in crawl spaces or enclosures.
- J. "Exposed" shall mean not installed underground or "Concealed" as defined above.
- K. "Current issues" or "Current editions" as applied to Reference Standards and Governing Codes shall mean the latest published issue or edition available during the bidding period.
- L. "Best", "First-class" or similar terms as applied to materials, products and workmanship shall mean that, in the Consultant's opinion, there are no superior qualities of materials or products on the market, and there is no better class of workmanship.
- M. "Substantial Completion" or "Beneficial Use" shall mean that the progress of the Work, or any portion of the Work, is sufficiently complete in accordance with the Contract Documents, and as reviewed by the Consultant, so that the City of Mentor can utilize the Work for its intended purposes.
- N. "Notice-to-Proceed" shall mean a written document from the City of Mentor allowing the Contractor to commence only that portion of the Work started in the written document.

[3.] CODES / STANDARDS

Except as modified by governing codes, new work shall comply with provisions of the following, and in the event of conflict between standards, the Consultant's determination shall be final:

- A. ANSI A17.1 2016 American National Standard Safety Code
- B. ANSI A17.2 American National Standard Practice for the Inspection of Elevators, Escalators and Moving Walks - Inspectors Manual.
- C. ANSI A17.3 American National Standard Safety Code for Existing Elevators and Escalators.
- D. ANSI A117.1 American National Standard Specifications for Making Buildings and Facilities Accessible to and Usable by Physically Handicapped People.

[4.] PROVISIONS FOR THE DISABLED

The elevator equipment being provided shall be designed and installed to comply with the applicable ADA standards / codes in effect as of the date of this specification which include, but are not limited to the following:

- 1. ADAAG- 4.10 Elevators
- 2. ANSI A117.1- 4.10 Elevators
- 3. UFAS- 4.10 Elevators

[5.] STORAGE AT SITE

Space for material storage for this project will be provided to the Contractor. Any such material stored at this job site by the Contractor will be left at their own risk. The City of Mentor shall not be responsible to the Contractor for loss or damage to material, equipment or tools for any cause whatsoever.

[6.] INSPECTIONS

The City of Mentor and the Elevator Consultant reserve the right to inspect the progress and quality of the work at any time to ensure complete compliance with the specifications and other contract documents. The Contractor shall provide the manpower necessary to assist the City of Mentor and/or the Consultant during such inspections. The City of Mentor and/or the Consultant shall prepare and submit to the Contractor inspection reports as needed. Any deficiencies noted during such inspections will be the subject of a written report to the Contractor, outlining the unsatisfactory areas and stipulating a reasonable time to correct the problems. Final payment of all retained monies shall be subject to a satisfactory inspection of the completed installation by the City of Mentor, their representatives, the Consultant and all applicable governing bodies. The scheduling of acceptance inspections with the State of Ohio shall be coordinated with the City of Mentor.

[7.] GUARANTEE

The Contractor shall guarantee that the materials and workmanship installed, refurbished, and repaired under this contract shall be free of all faults, imperfections, flaws, and damage in every respect. The Contractor also assures and warrants that they will make good any Defect, which may develop within one (1) year from the date of final acceptance of the completed installation.

Such guarantee shall be delivered in writing, to the City of Mentor, before final payment will be made. Neither final payment nor any provision of the contract documents shall relieve the Contractor of their responsibility to remedy faulty materials or workmanship and to pay all expenses for damages to other work resulting therefrom.

“Defect” is hereby defined to include, but not by way of limitation, operation or control system failures, performances below required minimums, excessive wear, unusual deterioration or aging of materials or finishes, unsafe conditions, the need for excessive maintenance, abnormal noise or vibration, and similar unusual, unexpected and unsatisfactory conditions.

[8.] SITE SURVEY

It is the responsibility of the Contractor to visit the job site themselves, prior to submission of a bid, to verify that clearances and other conditions are such that he can complete the installation legally and as specified. The Contractor shall carefully and thoroughly examine the buildings and make all required and necessary investigations to inform themselves fully as to the facilities for delivering materials and equipment. The Contractor, at the time of the submittal of their proposal, shall list all qualifications, clarifications and exceptions, which they deem may affect the proper and orderly sequence of operation, the ultimate product and final result, or the method and disposition to evaluate and respond. The submission of a bid will be construed to mean that such a survey has been made and the Contractor is satisfied that the installation can be discharged, carried out, and conducted as specified. No claims for extra work will be entertained by the City of Mentor because of failure to perform a thorough site survey.

[9.] SCHEDULE

The Contractor shall state, and detail, the length of time, in terms of weeks, a schedule with the bid covering the following:

- A. Preparation and submission of drawings, details and layouts, including contract ordering after authorization, and award of contract.
- B. Manufacture and/or purchase of the major components necessary to begin the work after receipt of approved drawings.
- C. Complete installation of all material, timing and testing of the elevator.

[10.] PROTECTION OF PERSONS AND PROPERTY

The Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work. Responsibility to protect the public and pedestrians entering and exiting the subject property and prevent damage to property during removal, relocation or replacement actions rests solely with the Contractor. The Contractor shall restore to its original condition without extra cost to the City of Mentor, property that shall be damaged due to the negligence of any employees, agents or subcontractors of the Contractor. Contractor will take proper care and protect all finished work by substantial covering until accepted by the City of Mentor.

[11.] QUALITY OF MATERIAL

Material must be new, best or of their respective kind and free from all defects. Materials and equipment of similar application must be of the same manufacturer. All materials, equipment and installation must be approved by the Consultant.

[12.] MATERIAL INFORMATION

The following literature and data, upon approval of the equipment to be renewed and renovated, must be submitted and delivered to the Consultant with a copy to the City of Mentor.

- A. Manufacturer's Model or Catalog Number and Warranty Provisions.
- B. Indication of performance data, construction material and finishes and modifications.
- C. Locations of termination points for all external wiring.
- D. Descriptive literature for all components and operating instructions.
- E. Service manual and spare parts list.
- F. Three (3) sets of complete "as built" field and straight-line wiring diagrams, showing all electrical circuits in the hoistway and machine room.
- G. Field test reports after completion of elevator operations.

[13.] PAINTING

All exposed metal work furnished under these specifications, except otherwise specified, shall be properly painted by the Contractor. Apply a coat of rust inhibiting paint either in the field or at the factory, to all exposed ferrous metal surfaces of controller cabinets, brackets and other similar components supplied under this contract. After installation and final cleaning, a high-grade enamel using a minimum of one coat of primer and two finishing coats of paint shall be applied unless performed in the factory. Field paint or factory plate, wiring ducts, switch boxes, signal boxes, junction boxes, terminal boxes, rigid and flexible conduit, metal tubing wire troughs and all brackets that support these fixtures and supplied under this contract. All ferrous metal surfaces which will be concealed in the completed work shall receive a factory applied primer and finish coat of rust inhibiting paint.

[14.] ELECTRICAL DESIGN AND WIRING REQUIREMENTS

- A. All new wiring, to be installed in conjunction with this modernization, shall comply with all regulations and codes itemized in the Ohio and National Electrical Codes and carry approval of Underwriters Laboratory. This wiring shall be enclosed in rigid standard weight conduit with steel splice boxes or metal wiring troughs, except that flexible conduit may be used in short runs, between terminals not exceeding 24 inches. Flexible conduit shall not be used where subject to moisture or embedded in concrete.
- B. Wiring shall be insulated with a flame retarding and moisture-resisting jacket. Stranded conductors are to be used in field connections which shall be color coded. A minimum of ten (10) percent spare wires must be provided throughout each and every major elevator component. Separate junction boxes are to be utilized for the different functions of the elevator installation. This will include, but not limited to, communications or audio, operational modules and signal segments.
- C. Run all wire between terminal blocks including spares and shielded cable. Check for continuity and ground. Ensure that connectors or terminal strips used maintain the proper

grounding continuity and minimize signal deterioration. Make no splices. Use color codes in multi-conductor cable. Identify all connections at terminal blocks with waterproof labels. Provide legible waterproof lists of color codes and identities for all field wiring. Make entries in a bound consecutively numbered journal and attach to each controller.

- D. Approved strain boxes shall be installed in all vertical runs in accordance with the Code. New raceways shall be neatly and systematically run. All exposed conduit boxes shall be supported by approved straps, hangers or clamps fastened to structural steel, walls or other substantial supports. All electrical boxes exceeding 150 cubic inches shall be supported independently of the connecting conduit.
- E. Traveling cables which will be required in conjunction with this installation, shall be designed for elevator service. The cables shall be sufficiently flexible to readily adapt to all changes in the position of the elevator car and hang straight without twist. The open loop shall show no tendency to twist upon itself.
- F. Traveling cables shall be suspended by looping cable around hanger supports. They shall terminate in junction boxes located on the bottom of the car platform. These terminal boxes shall have connection strips for connecting conductors and, in addition to said devices for connecting conductors, strain devices for connecting the supporting strands and relieving the conductors of all strain.
- G. The cables shall be capable of bending 360 degrees with an inside radius of one foot without any permanent set and without cracking the outer covering.
- H. The swing of the traveling cables shall be checked when the elevator is operating, and all shields and pads necessary to prevent chafing of the cables in the hoistway shall be secured. The loop in the traveling cables shall not be less than two (2) feet in diameter.
- I. The traveling cables and the corresponding groups of conductors connecting these cables shall each contain ten (10) percent spare conductors, but not less than two (2) spare conductors of the same size and type. Each traveling cable conductor will have a distinctive color-coded outer covering for identification. Terminal blocks shall have indelible identification numbers for each terminal connection.
- J. Shielded wires and two (2) spare coaxial cables will be provided for current and future communication circuits.
- K. The outer covering of all traveling cables shall be flame retarding and moisture resisting which will meet the required code.

[15.] FEEDER WIRING

Feeder wiring to the fused disconnect switch or circuit breakers must be checked and verified prior to submitting a bid. The Contractor will provide the necessary "Drive System Data Current Characteristics" based upon the voltage application being supplied, for the capacity and speed of the Elevator. If the maximum amperage demands reveal size and design of the feeder wiring to be below the minimum safety standards, as described by the National Electric Code or other codes having jurisdiction, the changes and modifications must be initiated, supplied and developed to the new elevator equipment, under this section. The final results of these conversions, modifications and transformations, shall be satisfactory to the power as displayed and verified. Failure to confirm and establish the power supply shall not relieve responsibility for the sufficient, adequate, and acceptable operation of the equipment.

[16.] WORKMANSHIP

The Contractor must demonstrate that they have the facilities and organization to properly, and diligently fulfill all the services, conditions and requirements of the specifications. The Contractor must show that they have actively and normally maintained this organization capable of performing installations, repairs and replacements, of equipment, hereinafter described, in continuous operation for at least one (1) year. The Contractor will perform all work with skilled, competent, trained mechanics and elevator technicians under the direct control and supervision of the Contractor. All equipment shall be installed in strict accordance with the manufacturer's written instructions, applicable codes and standards to provide a smooth and quiet product, free from all defects, flaws, imperfections, oscillations and vibrations. Install equipment, such that access for maintenance is safe and readily available, and that major components may be removed using conventional means. Keep the premises clean and orderly during the progress of work. Remove all debris as fast as it accumulates. Maintain the cab, entrances, hoistway and machine room free of dirt, oil and grease. If the work falls behind schedule, provide extra personnel as required to meet the schedule at no additional expense to the City of Mentor.

[17.] REMOVAL OF EXCESS EQUIPMENT AND WASTE

All material not being utilized for this installation and waste material shall become the property and responsibility of the Contractor. This superseded material shall be stored in an orderly fashion and removed in a timely manner.

[18.] RELATED WORK BY OTHER TRADES

The sub-contracted operations for project related work shall be the responsibility of the elevator contractor and included in the base bid amount.

[19.] FINAL INSPECTION

When all work is completed, the Contractor shall notify the State of Ohio that the elevator is ready for final inspection and acceptance tests. After a date has been arranged, the proper operation of every component of the elevator systems, in compliance not only with the contract requirements but also with code practices, will be demonstrated in the presence of authorities having jurisdiction. All test related fees are the responsibility of the Contractor. The inspector's procedure outlined in part II for the Inspection of Elevators, Escalators and Moving Walks, Inspector's Manual ANSI / AMSE A17.2 shall form a part of this final inspection. All instruments and equipment necessary for this final testing inspection will be provided by the Contractor.

[20.] FINAL CLEAN-UP

Upon completion of the work covered by the contract, the Contractor shall leave the completed project ready for use without the need of further cleaning of any kind and with all work in perfect order. In addition, upon completion of all work, the Contractor shall remove from the vicinity of

the work and from the building's rubbish, unused materials, and other materials belonging to them or used under their direction during the modernization. If during this period, they impair the use or appearance of the property, they shall restore such areas affected by the work to their original condition. In the event of their failure to do so, the same shall be removed by the City of Mentor at the expense of the Contractor, and their guarantee shall be liable therefor.

[21.] INTERIM AND WARRANTY MAINTENANCE

The total cost and performance of Interim and Warranty Maintenance on the two (2) elevators, as per the maintenance contract language contained in this specification, is to be included in the base bid amount. Interim maintenance shall commence upon the award date of the contract. Warranty maintenance for the two (2) elevators will commence when the completed elevator is successfully inspected by the proper governing authority and turned over for public use and shall continue for a period of twelve consecutive (12) months from date of the City of Mentor's final acceptance of the completed project.

[22.] FIVE YEAR SERVICE CONTRACT

As part of the modernization project bid submission, Contractor shall submit pricing for a five-year service agreement per the specifications for the below City of Mentor vertical transportation. The cost to maintain the two (2) newly modernized units will commence after the warranty period expires as the interim and 12-month warranty maintenance is included in the base price. Contractor shall submit pricing per the specifications for the following units effective January 1, 2023:

- A. Mentor Police Building – State ID #26685, Dover hydraulic passenger, 2500 lb capacity, 3 stops
- B. Mentor City Hall - Atlas Dumbwaiter – 2 stops, 75 lb capacity
- C. Mentor Fire Department – State ID #46438, TAC 20 hydraulic passenger, 3000 lb capacity, 3 stops
- D. Mentor Ice Arena – State ID #26958, Dover hydraulic passenger, 2000 lb capacity, 2 stops

SCOPE OF MODERNIZATION WORK

OVERVIEW:

The elevators at Mentor City Hall are two (2) passenger units both in a simplex operating configuration. The elevators are typical In-Ground Hydraulic style device.

The elevators described below are receiving a full modernization as per the criteria described in this specification. This modernization will include the removal of the existing controller, submersible pump unit, and tank, and the complete installation of a new submersible pump unit, tank, controller and other related equipment. The hoistway wiring, fixtures, door operators, cab interiors, etc will be removed and replaced. The rated lifting capacity and travel speed shall be maintained. The cost for interim and warranty maintenance of the elevator, as per the language contained in this specification, is to be included in the base bid amount. The interim

maintenance period is to commence upon the award date of the contract and the warranty will continue for twelve (12) consecutive months from the City of Mentor's acceptance of the modernized elevators.

ELEVATOR SYSTEMS INCLUDED IN MODERNIZATION PROJECT

1. North Elevator State ID #23171
Hydraulic Passenger Elevator
Capacity: 2500 lbs
Speed: 100 fpm
Machine Location: Adjacent
Operational Control: Simplex
Power Supply: 480V

2. South Elevator State ID #36242
Hydraulic Passenger Elevator
Capacity: 4500 lbs
Speed: 125 fpm
Machine Location: Adjacent
Operational Control: Simplex
Power Supply: 480V

Scope of Work on North Elevator State ID #23171

- Retain Existing Capacity: 2500 lbs
- Retain Existing Class Loading: Passenger Class A
- Retain Existing Car Speed: 100 fpm
- Retain Existing Machine Location: Adjacent
- Retain Existing Operational Control: Simplex
- Retain Existing Power Supply: 480V
- Retain Existing Landings: 4
- Retain Existing Openings: B-G-2-3
- Retain Existing Travel: Approximately 43'

Machine Room Components

- Provide New Relay Logic Controller with Microprocessor Control System, new battery lowering with solid state starting and viscosity control. Submit details on the controller with bid
- Provide New Submersible Power Unit including Tank, Motor, Pump, Operating Valve, Shut-Off Valve and Silencer
- Provide New Machine Room Wiring

Hoistway and Pit Equipment

- Retain Existing Jack Assembly
- Provide New Hydraulic Piping as Needed
- Provide New Landing System Switches

- Retain Existing Platform
- Retain Existing Car Frame
- Retain Existing Guide Rails Planed Steel
- Retain Existing Buffers Steel Spring, clean and paint
- Provide New Car Guides (Slide Guides)
- Provide New Traveling Cable
- Provide New Pit Ladder

Elevator Doors

- Retain Existing Hoistway Doors 3'-4" x 7'-0" (Submit alternate pricing to replace with new #4 stainless steel finish)
- Retain Existing Hoistway Entrance Frames 3'-4" x 7'-0" (Submit alternate pricing to replace with new #4 stainless steel entrances)
- Provide (1) New #4 Stainless Steel Finish Car Doors 3'-4" x 7'-0"
- Retain Existing Door Type 2 Speed Side Slide
- Provide New Door Operators, Clutches, Roller Guides, Restrictors and Hardware
- Provide New Car Door Tracks and Hangers
- Provide New Hoistway Door Tracks, Hangers and Closers
- Provide New Hoistway Door Interlocks
- Provide New Hoistway Door Unlocking Device at every floor
- Provide New All Floors Hoistway Access Switches, Top and Bottom Floors
- Provide New Door Protection New Infrared, Full Screen

Car Enclosure & Fixtures

- Provide New Car and Hall Signal Fixtures #4 Stainless Finish
- Provide New Car Operating Panel #4 Stainless Steel Finish
- Provide New Handsfree Communication Device
- Provide New Hall Pushbutton Stations Surface Mounted Vandal Resistant #4 Stainless Steel Finish
- Provide New Hall Position Indicators Combination @ 1st Floor #4 Stainless Steel Finish
- Provide New Car Riding Lanterns #4 Stainless Steel Finish
- Provide New Car Position Indicator
- Provide New Firefighters Service Phase I and II
- Provide New Car Top Inspection Station
- Provide New Independent Service Feature
- Provide New #4 Stainless Steel Toe Guard
- Provide New Laminate Cab Panels (design as selected by City of Mentor)
- Provide New Island Downlight Ceiling
- Provide New #4 Stainless Steel Reveals
- Provide New Flooring (carpet or tile to TBD)

Scope of Work on South Elevator State ID #36242

- Retain Existing Capacity: 4500 lbs
- Retain Existing Class Loading: Passenger Class A

- Retain Existing Car Speed: 125 fpm
- Retain Existing Machine Location: Adjacent
- Retain Existing Operational Control: Simplex
- Retain Existing Power Supply: 480V
- Retain Existing Landings: 4
- Retain Existing Openings: B-1-2-3
- Retain Existing Travel: Approximately 43'

Machine Room Components

- Provide New Relay Logic Controller with Microprocessor Control System, new battery lowering with solid state starting and viscosity control. Submit details on the controller with bid.
- Provide New Submersible Power Unit including Tank, Motor, Pump, Operating Valve, Shut-Off Valve and Silencer
- Provide New Machine Room Wiring

Hoistway and Pit Equipment

- Retain Existing Jack Assembly
- Provide New Hydraulic Piping as Needed
- Provide New Landing System Switches
- Retain Existing Platform
- Retain Existing Car Frame
- Retain Existing Guide Rails Planed Steel
- Retain Existing Buffers Steel Spring, clean and paint
- Provide New Car Guides (Slide Guides)
- Provide New Traveling Cable
- Provide New Pit Ladder

Elevator Doors

- Retain Existing Hoistway Doors 3'-4" x 7'-0" (Submit alternate pricing to replace doors with new #4 Stainless Steel Finish)
- Retain Existing Hoistway Entrance Frames 4' x 7'-0" (Submit alternate pricing to replace #4 Stainless Steel Finish)
- Provide (1) New #4 Stainless Steel Car Door 4' x 7'-0"
- Retain Existing Door Type 2 Speed Side Slide
- Provide New Door Operators, Clutches, Roller Guides, Restrictors and Hardware
- Provide New Car Door Tracks and Hangers
- Provide New Hoistway Door Tracks, Hangers and Closers
- Provide New Hoistway Door Interlocks
- Provide New Hoistway Door Unlocking Device at all floors
- Provide New All Floors Hoistway Access Switches, Top and Bottom Floors
- Provide New Door Protection New Infrared, Full Screen

Car Enclosure & Fixtures

- Provide New Car and Hall Signal Fixtures #4 Stainless Finish
- Provide New Car Operating Panel with applicable code required switches and buttons #4 Stainless Steel Finish
- Provide New Handsfree Communication Device
- Provide New Hall Pushbutton Stations Surface Mounted Vandal Resistant #4 Stainless Steel Finish
- Provide New Hall Position Indicators Combination @ 1st Floor
- Provide New Car Riding Lanterns #4 Stainless Steel Finish
- Provide New Car Position Indicator
- Provide New Firefighters Service Phase I and II
- Provide New Car Top Inspection Station
- Provide New Independent Service Feature
- Provide New Stainless Steel Toe Guard
- Provide New Laminate Cab Panels (design as selected by City of Mentor)
- Provide New Island Downlight Ceiling
- Provide New #4 Stainless Steel Reveals
- Provide New Flooring (carpet or tile to TBD)

EXTENDED DESCRIPTIONS:

[1.] PLATFORM AND SLING – RETAIN EXISTING

The existing platform will be retained and modified to mount equipment as specified. Should the existing platform be found to be in unacceptable safe condition, a cost of replacement will be provided and reason for inability to reuse provided in writing. Any new platform provided will be in accordance with code requirements for support and fireproofing. The existing car sling will be reused. All missing mounting hardware will be replaced.

[2.] CAR DOOR

Door shall be hung on sheave type hangers with polyurethane tires that roll on a polished steel track, and guided at the bottom by non-metallic shoes sliding in a smooth threshold groove. The door shall be installed with a code-approved restrictor device.

[3.] ALARM BELL

An emergency alarm bell shall be connected to plainly marked push button in car.

[4.] GUIDE ROLLERS

Frame shall have new slide guides attached at the upper and lower portion of the stiles.

[5.] MAIN GUIDE RAILS

Thoroughly clean all guide rails of grease, oil and other foreign substances. File and remove all rough edges and surfaces. Tighten bracket bolts and guide clips for smooth and quiet operation of car and counterweight. Clean rust from all the rails and cross members and coat with rustproof paint.

[6.] POWER UNIT

The power unit shall be compactly and neatly designed with all components combined in a self-contained unit and with all adjustment features accessible. It shall include a constant displacement rotary screw-type, pump motor designed for oil hydraulic elevator service, oil reservoir with an oil level indicator, control valve, tank strainer in suction line and blowout proof muffler to reduce pulsations that may occur in the system. The pump and motor shall be a direct coupled submersible type. The power unit shall be tested and adjusted at the factory by operating a test elevator loaded to conform with the elevator specified herein. The power unit shall be located in the elevator machine room.

[7.] VALVES

A control valve including safety check valve, up direction valve with high pressure relief including up leveling and soft stop features, lowering valve including down leveling and manual leveling feature shall be mounted in a compact unit assembly. Control valves shall be solenoid operated and designed to open and close gradually to give smooth control. All valves shall be readily accessible for adjustment. The valve shall be equipped with a “no pressure sensing device” which will disable the piston from dropping if the car is blocked for any reason.

[8.] AUTOMATIC TWO-WAY LEVELING

An automatic two-way leveling device shall be provided so that the car will approach landing stops at reduced speed from either direction of travel. The leveling device shall, within its zone, be entirely independent of the operating device and shall automatically stop and maintain the car approximately level with the landing, regardless of change in load.

[9.] JACK UNIT & PACKING GLAND – RETAIN EXISTING

[10.] INSTALLATION AND SCHEDULING LOGISTICS

Work space near this elevator will be provided as needed. Scheduling work in public areas will be necessary and coordinated through the consultant.

[11.] WIRING, PIPING AND OIL

All necessary wiring shall be furnished and installed in the hoistway in accordance with the National Electrical Code. This will also include, but not be limited to, GFI outlets, pit switch, pit light and switch. All necessary pipe and fittings to connect the power unit to the jack unit.

[12.] FAILURE PROTECTION

The electrical control circuit shall be designed so that if a malfunction should occur, due to motor starter failure, oil becoming low in the system, or the car failing to reach a landing in the up direction within a pre-determined time, the elevator car will automatically descend to the lowest terminal landing. When power operated doors are used, the doors will automatically open when the car reaches the landing to allow passengers to depart. The doors will then automatically close and all control buttons, except the “door open” button in the car station, shall be made inoperative.

[12A.] EMERGENCY LOWERING DEVICE

A new battery-operated auxiliary power supply shall be installed with the system to facilitate the elevator’s landing and door opening in the event of a power outage.

[13.] SOUND ISOLATING COUPLINGS

A minimum of two shall be installed in the oil line in the machine room between the pump and jack.

[14.] OIL-HYDRAULIC SILENCER

It shall be installed at the power unit location. It shall contain pulsation absorbing material inserted in a blowout proof housing arranged for inspecting interior parts without removing unit from oil line. Rubber hose without blowout proof features will not be acceptable.

[15.] VIBRATION PADS

They shall be mounted under the power unit assembly to isolate the unit from the building structure.

[16.] AUTOMATIC TERMINAL LIMITS

Electric limit switches shall be placed in the hoistway near the terminal landings and be designed to cut off the electric current and stop the car should it run beyond either terminal landing.

[17.] AUTOMATIC SELF-LEVELING

The elevator shall be provided with a self-leveling feature that will automatically bring the car to the floor landings. This self-leveling shall, within its zone, be entirely automatic and independent of the operating device and shall correct for overtravel or under travel. The car shall also be maintained approximately level with the landing irrespective of the load.

[18.] BUFFERS / PIT LADDER

The existing buffers will be reused in place. Mounting of buffers will be checked for missing hardware and properly secured with new hardware if necessary. The buffers will comply with the

requirements of the ANSI code. The contractor shall install a new code-approved pit access ladder to meet current code compliant standards.

[19.] CAR TOP INSPECTION STATION AND RAILING

A car top inspection station with an “emergency stop” switch and with constant pressure “Up/Down” direction buttons shall make the normal operating devices inoperative and give the inspector complete control of the elevator. Top-of-Elevator code compliant safety railings shall be installed.

[20.] INTERLOCKS

Each hoistway entrance shall be equipped with an approved type interlock tested as required by Code. The interlock shall be designed to prevent operation of the car away from the landing until the doors are locked in the closed position as defined by Code and shall prevent opening of the doors at any landing from the corridor side unless the car is at rest at that landing or is in the leveling zone and stopping at that landing.

[21.] HOISTWAY DOOR UNLOCKING DEVICE

Hoistway door unlocking devices as specified by the ASME A17.1 Code shall be provided at all floors to permit authorized persons to gain access to the hoistway when the elevator car is away from the landing.

[22.] DOOR OPERATION

A heavy-duty GAL (or like) door operator shall be furnished and installed, designed to operate the car and hoistway doors simultaneously. Door movements shall be electrically cushioned at both limits of travel and the door shall be provided with a new infrared safety curtain arranged to automatically return car and hoistway doors to the open position in the event the doors are obstructed during the closing cycle. Doors will then resume closing cycle. Doors shall automatically open when the car arrives at the landing and shall automatically close after an adjustable time interval or when the car is dispatched to another landing.

[23.] NUDGING

The doors remain open as long as the electronic detector senses the presence of a passenger or object in the door opening. If door movement is obstructed for a field programmable time value, a buzzer will sound and the doors will close at reduced speed. If the reversing edge contacts a person or object while closing, the doors will stop and resume closing after the obstruction has been removed. When the doors have failed to fully close and are in the recycle mode, the door drive motor shall have increased torque applied. This shall possibly overcome any mechanical resistance or differential air pressure and allow the door to close.

[24.] DOOR HANGERS AND TRACKS

For each hoistway sliding door, furnish an install sheave type two-point suspension hangers and tracks complete. Sheaves shall have polyurethane tires with ball bearings properly sealed to retain grease. Hangers shall be provided with an adjustable slide to take the up-thrust of the doors. Tracks are to be drawn steel shapes; smooth surfaced and shaped to conform to the hanger sheaves.

[25.] HOISTWAY ENTRANCES

The existing hoistway entrances shall be retained with new ADA Braille designations. An alternate shall be provided for the installation of new entrances and doors.

[26.] AUTOMATIC PUSH-BUTTON OPERATION

The elevator control shall be a distributed control system, microprocessor based with non-proprietary software. Control of the elevator shall be automatic in operation by means of push buttons in the car numbered to correspond to floors served, for registering car stops by "Up/Down" push-button at each intermediate landing and "call" push buttons at terminal landings. The momentary pressing of one or more buttons shall dispatch the car to the designated landings in the order in which the landings are reached by the car, irrespective of the sequence in which the buttons are pressed. Each landing call shall be canceled when answered. When the car is traveling in the Up direction, it shall stop at all floors for which car buttons or Up call buttons have been pressed. Likewise, the pressing of an Up button when the car is traveling in the Down direction shall not intercept the travel unless the stop for that floor has been registered by a car button, or unless the Up call is the lowest for which any button has been pressed. When the car has responded to its highest or lowest stop, and stops are registered for the opposite direction, its direction of travel shall reverse and it shall then answer the calls registered for that direction. Should both Up and Down calls be registered at an intermediate floor, only the call corresponding to the direction in which the car is traveling shall be canceled upon the stopping of the car at the landing. An adjustable time delay shall be provided so that after the car has stopped in response to a hall button, the entering passenger may register their car button before the car will reverse to answer calls in the opposite direction.

[27.] DOOR STANDING TIME SAVER

Reset the door open time to shorter time upon interruption of the electronic detector prior to expiration of initial door open time.

[28.] VARIABLE DOOR TIME

The doors shall remain open for an adjustable time for a stop in response to a car call and a second variable time for a stop in response to a hall call. If the electronic detector is interrupted and reestablished, door open time for a car stop and for a hall stop shall be reduced.

[29.] CAR OPERATING STATION WITH DIGITAL CAR POSITION INDICATOR

A car control panel shall be provided and shall contain the devices required for the specified operations. It shall include “door open”, “door close”, “emergency stop switch”, “alarm button”, “emergency light” and “telephone”. The floor buttons will illuminate when a call is registered and will remain illuminated until the call is answered. Fire Service FEO-K1 Phase I and II key switches and Fire Hat signal will be included. Key Activated Switches and a Card Reader Device shall be provided. All raised handicap symbols shall be located immediately adjacent to the floor buttons. No applied symbols shall be allowed. Installation of card readers shall be coordinated with the City of Mentor and their security service provider. The car station shall be configured with an integrated digital car position indicator.

[30.] LANDING BUTTONS WITH INTEGRATED POSITION INDICATORS

One (1) riser of landing push-button stations shall be provided for each elevator. Each intermediate station shall consist of two (2) illuminated pushbuttons with raised direction arrow, one for the Up direction and the other for the Down direction. Each terminal station shall contain an illuminated push button with raised direction arrow and a digital car position indicator. Main egress floor will have the applicable fire service switches and instruction. Installation of card readers shall be coordinated with the City of Mentor.

[31.] CAR RIDING LANTERN

The car-riding lantern shall be installed in the column of the elevator cab adjacent to the main car station. The lantern, when illuminated will indicate the direction of travel for which the car is set. The lantern will illuminate and the signal will sound when the car arrives at a floor where it will stop. The lantern shall remain illuminated until the doors start to close.

[32.] FLOOR IDENTIFICATION SIGNS

In addition to the raised Alpha/Numeric floor markings adjacent to each push-button in the car control panel, provide floor identification signs at specified floors. These floor signs shall be integrated with the car control modules and permanently marked. Painted or applied identifications shall not be acceptable. The identifications shall consist of the same material and graphic design as the standard floor markings.

[34.] RELATED WORK BY OTHER TRADES / CITY OR GENERAL CONTRACTOR RESPONSIBILITIES

Hoistway and Pit Area – Provision of non-specified upgrades to the existing hoistway and pit area that may be required by the Department of Public Safety or other enforcing agencies. This includes, but is not limited to, ventilation, patching, asbestos removal, wall reinforcement, wall construction around entrances, and pit sump pump if required to maintain a dry pit area.

Machine Room – Provision of any and all code upgrades to the existing machine room that may be required by the Department of Public Safety or other enforcing agencies. This includes, but is not limited to HVAC, emergency lighting, and class “C” fire extinguisher.

Power – Provision of fused, grounded and lockable type main and car light disconnect switches properly sized and located in the elevator machine room. Provide auxiliary contact in main panel.

Telephone Line – Furnish and install a functional telephone line to the elevator machine room. All wiring to be enclosed in conduit and be connected to a junction box mounted near the elevator controller. Note: Elevator Contractor will provide telephone wires from elevator cab to machine room junction box.

Smoke Detectors – Furnish and install smoke detectors with manual reset heads at each landing and in machine room for fireman service operation. Provide wiring to elevator machine room and connect to a junction box mounted near the elevator controller. Note: Connect smoke detectors to existing building fire control panel or provide a new fire control panel dedicated to the elevator recall system as per NFPA code requirements.

Additional Details Car #1

General Trades

- ✓ Create engineering drawings to obtain permits.
- ✓ Fire caulking as required.
- ✓ Furnish and install new pit ladder.
- ✓ Removal of all material
- ✓ Coordination with the City of Mentor Building Dept., State of Ohio Elevator inspector or the City of Mentor Fire Marshal may be required and should be included in work.
- ✓ Verify existing lobby smoke detectors are all functional and coordinate with fire protection company.

Plumbing - Existing sump pump to remain if in proper working condition.

HVAC - Existing HVAC to remain if acceptable to meet the requirements of the equipment and code.

Electrical

- ✓ Existing 100A fused main line elevator controller disconnect and fuses to remain.
- ✓ Furnish and install conduit and wire from disconnect to elevator controller.
- ✓ Existing 30A lockable fused disconnects and fuses for elevator car power to remain.
- ✓ Furnish and install conduit and wire from car power disconnect to elevator controller.
- ✓ Existing GFCI receptacle in elevator machine room to remain.
- ✓ Existing lights in machine room to remain. Furnish and install tube guards on existing tubes.
- ✓ Furnish and install a sufficient amount of weatherproof LED light fixtures to provide 10-foot candles of light in the elevator pit.
- ✓ Extend existing fire alarm system to provide primary recall, secondary recall and firefighter hat.
- ✓ Furnish and install a simplex receptacle on a dedicated circuit in the elevator pit for sump pump.
- ✓ Furnish and install weatherproof WR rated GFCI receptacles in the elevator pit.

- ✓ Furnish and install required switching for lighting in elevator pit.
- ✓ Secure and include cost of Electrical Permit.

Fire Protection

- ✓ Verify existing lobby smoke detectors are all functional and coordinate with fire protection company.
- ✓ Verify there are no sprinklers in elevator machine rooms, machinery spaces, control rooms, control spaces and hoist way.
- ✓ Perform one fire alarm pretest and one inspection with the AHJ.

Additional Details Car #2

General Trades

FULL-SERVICE ELEVATOR MAINTENANCE SPECIFICATIONS

Contractor shall furnish full maintenance services per the specifications for the City of Mentor, 8500 Civic Blvd Mentor, OH 44060 for the following equipment:

1. Mentor City Hall - State ID #36242 (to be modernized)
2. Mentor City Hall – State ID #23171 (to be modernized)
3. Mentor Police Building – State ID #26685, Dover hydraulic passenger, 2500 lb capacity, 3 stops
4. Mentor City Hall - Atlas Dumbwaiter – 2 stops, 75 lb capacity
5. Mentor Fire Department – State ID #46438, TAC 20 hydraulic passenger, 3000 lb capacity, 3 stops
6. Mentor Ice Arena – State ID #26958, Dover hydraulic passenger, 2000 lb capacity, 2 stops

The entire elevator system shall be maintained as hereinafter described, in accordance with the following detailed terms. Trained employees of the Contractor will use all reasonable care to keep the elevator in proper adjustment and in safe operating condition, in accordance with all applicable federal, state and local laws, ordinances and regulations.

- 1.01 Provide quarterly examinations, adjustments, cleaning and lubrication of all machinery, machinery spaces, hoistways and pits. The contractor shall allocate a minimum of one (1) hour per quarter per elevator dedicated to routine scheduled preventative maintenance work (excluding service calls or safety testing). The contractor will submit work tickets on a quarterly basis detailing the preventive maintenance work performed to the City of Mentor. If work does not meet the mandated hours, the contractor will be required to make up these hours in the following quarter or credit the City of Mentor for the hours missed at the billing rates listed in the specifications.
- 1.02 The Contractor shall maintain all parts of the elevator consisting of, but not limited to, machine, motor, generator, brushes, controller, selector, worm, gears, thrust bearings, brake magnet coil or brake motors, brake shoes, windings, rotating elements, contact coils, resistance for operating and motor circuits, magnet frames, leveling devices, cams,

car and hoistway door hangers, tracks and guides, door operating devices and door motors, car lights, push buttons, indicators, hall lanterns and all other elevator signal scheduling, power drives, solid-state and/or computer devices and accessory equipment complete.

1.03 All work, including regular examinations and repairs in accordance with this Agreement shall be made during the regular business hours of the building, which hours are as follows: Monday thru Friday 7:30 AM to 4:30 PM. After 4:30 PM and on Saturday, Sunday and Holidays, the Contractor shall provide immediate emergency callback service and bill the City of Mentor for the premium portion only of the service call. Contractor must sign in and sign out at the building's office for all service calls. The contractor shall respond to service calls within 2 hours. If the response time is not meet, the service call will not be billable regardless of the nature of the service call.

1.04 Contractor shall not be under any obligation hereunder to make any repairs or replacements except those that are incidental to the normal operation of the machinery, and that the Contractor is not required under this Contract to make repairs or replacement necessitated by reason of malicious damage or fire which the result of causes that are beyond Contractor's control. All repairs, if necessitated by this paragraph, will be performed at a fee determined utilizing the hourly rates contained in the Contractor's bid form. The Contractor shall receive approval of the estimated cost of labor and material from the City of Mentor prior to commencing the repair.

1.05 Contractor shall make any and all repairs or replacements damaged by the Contractor's improper repair, negligence or willful acts or omissions.

1.06 CALLBACK SERVICE (24 HOURS, SEVEN (7) DAYS PER WEEK)

Contractor shall provide callback service which consists of immediately dispatching qualified employees in response to requests from the City of Mentor, by telephone or otherwise, for adjustment or repairs on any day of the week, at any hour, day or night. Service calls shall be answered within two (2) hours unless directed otherwise by the City of Mentor and repairs made to restore the equipment to operating order. If repairs cannot be made that day, the Contractor shall notify the City of Mentor as to the reason why and the schedule to return the elevator to service.

1.07 LUBRICATION

Contractor shall lubricate at regularly scheduled intervals all of those mechanical parts recommended to be lubricated by the original manufacturer of the elevator equipment.

1.08 LUBRICANTS AND CLEANING

A. Lubricants used by the Contractor shall consist of oils, greases, and compounds furnished by the Contractor, and shall be of the highest quality, the consistencies of which shall be proper for the purposes employed and for the parts to which applied. It

is specifically understood and agreed between the parties hereto that abrasive bearing lubricants shall not be employed except on new parts installed and only if and for the period recommended by the original manufacturer of the elevator equipment. Where abrasive bearing lubricants have been employed in conformity hereto, they are to be thoroughly removed by cleaning after the working-in period has elapsed.

- B. The Contractor shall keep the guide rails clean and properly lubricated except when roller type guides are involved; no rail lubrication shall be used.
- C. When necessary, the Contractor shall renew guide shoe gibs or rollers as required to ensure smooth and quiet operation. All oil reservoirs shall be kept properly sealed to prevent leakage. Approved metal containers shall be provided by the Contractor for the storage of wiping cloths.

1.09 CLEANING AND MATERIALS

Cleaning compounds, waste, cloths and other materials are to be supplied by the Contractor. Cleaning agents used by Contractor shall not be flammable or noxious and must always be stored in approved metal containers provided by the Contractor.

1.10 TESTING

The Contractor shall on a quarterly basis examine all safety devices and each year conduct the annual hydraulic safety test per ANSI A17.1 Code and local law standards. Contractor shall forward confirmation and results of all such examinations and tests to the City of Mentor upon completion. Copies of required documents shall be filed with the State of Ohio Elevator Division.

1.11 PERFORMANCE TIMES, LEVELING AND CONTRACT SPEED

Contractor shall maintain the control system so as to provide smooth acceleration and retardation. The Contractor shall maintain the elevators in accordance with the O.E.M. performance specifications or those established by the original equipment manufacturer (including floor-to-floor times, door timings, rated speed, supervisory system, etc.). Contractor shall ensure that the door close pressure never exceeds thirty (30) pounds. Floor stop leveling accuracy must be maintained within 1/4 inch sill to sill at all times regardless of load or other operating factors.

1.12 SUPERVISORY SYSTEM, IF APPLICABLE

Contractor shall check and test, on a quarterly basis the dispatch supervisory systems to ensure that all circuits and time settings are properly adjusted and that the system performs as designed and installed by the manufacturer.

1.13 SPARE PARTS

The Contractor shall provide and maintain a supply of contacts, coils, leads, solid-state parts, door guides, door rollers, interlock parts, fuses, brushes, lubricants, wiping cloths,

and other minor repair parts in the elevator machine room for the performance of routine preventative maintenance. All spare parts shall be kept in storage cabinets provided by the Contractor.

1.14 WIRE ROPES (CABLES), IF APPLICABLE

The Contractor shall examine and equalize tension on all wire ropes and renew all hoisting ropes, compensating ropes, and governor ropes whenever necessary to ensure maintenance and adequate safety factors. The Contractor shall also re-shackle and shorten ropes as required to maintain legal bottom clearances.

1.15 WIRING

The Contractor shall repair and/or replace all electrical wiring and electrical traveling conductors extending to the elevator from main line switch to the machine room and outlets in the hoistways. The main line switch together with fuses for same are excluded.

1.16 INSPECTIONS

The Contractor shall be responsible for compliance with all current mandated inspections in accordance with applicable laws and shall provide required assistance to State of Ohio elevator inspectors performing said inspections.

1.17 PAINTING

The Contractor shall maintain the exterior of the machinery and any other parts of the equipment subject to rust properly painted, identified and presentable at all times. Contractor shall ensure that motor windings and controller coils shall be periodically treated with proper insulating compound.

1.18 NOTICE BY CITY OF MENTOR OR COMPANY TO REPAIR OR REPLACE

Contractor shall comply with all written citations of the State of Ohio and all other government agencies having legal jurisdiction, and written recommendations of the City of Mentor's Insurance Carrier for repairs as covered herein. However, the Contractor is not required under this Contract to install new attachments on the elevators or parts other and different from those now constituting the equipment as recommended or directed by the City of Mentor's Insurance Carrier, state and local government authorities or otherwise.

1.19 REPAIRS, RENEWALS, AND REPLACEMENTS

Repairs, renewals, and replacements shall be made by the Contractor as soon as conditions warrant or other examinations reveal the necessity therefore, or when the City of Mentor so advises the Contractor under the terms of this Agreement. The parties hereto specifically understand and agree that repairs, renewals, and replacements shall be

made in accordance with high standards of preventative maintenance practices and that the repair and renewals of parts made shall be equal in design, workmanship, quality, finish, fit, adjustment, operation and appearance to the original installation and that replacements shall be new and genuine parts equal to those parts supplied by the manufacturer of the original elevator equipment or its successor, and shall apply to the repairs, renewal, or replacement of all mechanical, electronic, and electrical parts, including, but not limited to the following:

- A. Automatic power operated door operator, car door tracks and hangers, car door contact, door protective device, photoelectric eye systems and load weighing equipment. Car safety mechanism, platform, entrance saddles, elevator car guide shoes, gibs or rollers.
- B. Gearless and geared machines, worm, gear, thrust bearing, drive sheave, shaft, drive sheave shaft bearings, brake pulley, brake coil, brake contact, shoes and linings, component parts and all associated castings.
- C. Motor, motor generator, motor windings, rotating element, commutator, field coils, brushes, brush holders, bearings, rotors, stators, slip rings, pulley, coupling and associated equipment.
- D. Controller, selector and dispatching components, including relays, solid-state devices, resistors, condensers, transformers, contact leads, dashpots, timing devices, computer devices, insulators, solenoids, resistance grids, and mechanical and electrical driving equipment.
- E. Governor, governor sheave and shaft assembly, bearings, contact, and governor jaws. Car and counterweight mechanical and electrical safety devices complete, selector tapes, sheaves and associated apparatus.
- F. Deflector or secondary sheave, 2:1 sheaves, bearings, car and counterweight buffers, car and counterweight guide rails, top and bottom limit switches, governor tension sheave assembly, compensating sheave assembly, counterweight and counterweight guide shoes including rollers or gibs. G. Hoistway door interlocks, hoistway door rollers and hangers, bottom door guides and auxiliary door closing devices, top track assemblies, door protection safe-edge systems.
- H. Hall lanterns, car direction indicators, main lobby fixtures, main and auxiliary car operating panels, car position indicators, electric door operators, safety edge or other door safety protective systems, car directional lanterns, control switches, LED devices, call acknowledging equipment, emergency signals and communication devices.
- I. Oil hydraulic systems including, but not limited to, valves, seals, gaskets, packings, O-rings, lantern rings, filters, screens, tanks, pumps, belts, pulleys, fittings, above ground piping, cylinder and ram assembly complete.
- J. The following items of elevator equipment are excluded from coverage under this agreement: car enclosure (including removable panels, suspended ceiling, light diffusers, etc.), car doors, hoistway enclosures, hoistway doors, door frames and sills, fluorescent light tubes, car frame and hoistway structures, below ground and buried piping.

1.20 RECORD KEEPING

Contractor shall ensure that a complete permanent record of safety inspections, maintenance examinations, lubrication and callback services for each elevator under service is kept in the appropriate elevator machine room. These records are to be available to the Building Agent at all times. The records shall indicate the reason the Contractor was in the building, arrival and departure time, the work performed, etc.; and these records will be the property of the City of Mentor.

1.21 WIRING DIAGRAMS

The Contractor shall provide and maintain a complete set of updated electrical wiring diagrams and drawings on file with the building office and to become property of the Building Agent.

1.22 The Contractor shall be responsible to re-lamp all lighting fixtures in the pit, machine room, and hoistway (excluding cab lighting) as required with bulbs provided by the City of Mentor.

1.23 CLEANING

The Contractor shall, during the course of all examinations, remove and discard immediately all accumulated dirt and debris from the pit areas and car tops in compliance with applicable law. Prior to each anniversary date of this Contract, the Contractor shall thoroughly clean down the entire hoistway of all accumulated dirt, grease, dust and debris (minimum every two [2] years).

1.24 REPORTS BY CONTRACTOR

The Contractor shall at any time during the term of this Contract, upon written request of the Owner or his Agent, render a report of repairs or replacements made by the Contractor at the premises herein, itemized as to parts installed or services performed and supply samples of lubricants, compounds, or other materials employed.

1.25 SOLE RESPONSIBILITY

The maintenance work performed by Contractor hereunder shall be performed only by properly uniformed and trained mechanics, directly employed and supervised by the Contractor, who is experienced and skilled in maintaining elevators similar to the elevator to be maintained under this Agreement and shall not be assigned or transferred to any agent or subcontractor.

SECTION 6
SPECIFIC PROJECT REQUIREMENTS

SPECIFIC PROJECT REQUIREMENTS

1) Contact During Bidding

All Questions during bidding should be addressed to Lorne Vernon, Facilities Superintendent, who can be reached at the City of Mentor, 8500 Civic Center Boulevard, Mentor, Ohio 44060 at (440) 974-5781.

2) Taxes

The Contractor shall pay and/or withhold all sales, consumer, use, employment and other taxes (including the City of Mentor 2% income tax) paid or withheld by the Contractor in accordance with the Laws and Regulations of the United States, State of Ohio, and City of Mentor which are applicable during the performance of the work.

3) Working Hours

The standard work hours for this project shall be between the hours of 7:30 am and 5:00 pm. Work shall not be permitted nights, or on Saturday, Sunday, or legal holidays, without written permission of the City of Mentor.

After hour emergency, Dispatch/Communications Center: Non-Emergency, (440) 255-1234.

4) Project Completion

All work including restoration and clean-up shall be completed no later than the contract completion date. Failure to complete all work within the allotted time will result in assessment of liquidated damages. Upon completion of all work and written notification of same by the Contractor, the Engineer/Consultant and Owner will compile a punch list. The punch list will be sent to the Contractor. All punch list work shall be completed to the satisfaction of the Engineer/Consultant and the Owner within 14 days after receipt of the punch list. Failure to complete the punch list work within the allotted time will result in assessment of liquidated damages.

SECTION 7
WAGE RATES

PREVAILING WAGES

The Contractor agrees that each individual employed by the Contractor or any Subcontractor and engaged in work on the project under this Contract shall be paid the prevailing wage established by the Ohio Department of Commerce Division of Industrial Compliance (<https://wagehour.com.ohio.gov/w3/webwh.nsf/wrlogin/?openform>). This shall occur regardless of any contractual relationship which may be said to exist between the Contractor or any Subcontractor and such individual.

The Prevailing Wage Determination Schedule for this project is attached. If the Contractor needs a wage determination for any trade not included herein, he shall contact the Owner's Prevailing Wage Coordinator.

PREVAILING WAGE THRESHOLD LEVELS

IMPORTANT NOTICE

Before advertising for bids, contracting, or undertaking construction with its own forces, to construct a public improvement, the Public Authority shall have the Ohio Department of Commerce-Division of Industrial Compliance, Bureau of Wage and Hour Administration determine the prevailing rates of wages for workers employed on the public improvement. The wage determination must be included in the project specifications and printed on the bidding blanks where work is done by contract.

“New” construction threshold for <i>Building Construction</i>:	\$250,000
---	------------------

“Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting” threshold level for <i>Building Construction</i>:	\$75,000
---	-----------------

As of January 1, 2022:

“New” construction that involves <i>roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction</i> threshold level has been adjusted to:	\$96,091
---	-----------------

“Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting” that involves <i>roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction</i> threshold level has been adjusted to:	\$28,789
---	-----------------

- A) Thresholds are to be adjusted biennially by the Director of the Ohio Department of Commerce.
- B) Biennial adjustments to threshold levels are made according to the Building Cost for Skilled Labor Index published by McGraw-Hill’s Engineering News-Record, but may not increase or decrease more than 3% for any year.

If there are questions concerning this notification, please contact:

Ohio Department of Commerce
Division of Industrial Compliance
Bureau of Wage and Hour Administration
6606 Tussing Road, PO Box 4009
Reynoldsburg, Ohio 43068-9009
Phone: 614-644-2239
Fax: 614-728-8639
www.com.ohio.gov



PREVAILING WAGE CONTRACTOR RESPONSIBILITIES

This is a summary of prevailing wage contractors' responsibilities. For more detailed information please refer to Chapter 4115 of the Ohio Revised Code

General Information

Ohio's prevailing wage laws apply to all public improvements financed in whole or in part by public funds when the total overall project cost is fairly estimated to be more than \$250,000 for new construction or \$75,000 for reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting.

Ohio's prevailing wage laws apply to all public improvements financed in whole or in part by public funds when the total overall project cost is fairly estimated to be more than \$91,150 for new construction that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction or \$27,309 for reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting of a public improvement that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction.

- a) Thresholds are to be adjusted biennially by the Administrator of Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration
- b) Biennial adjustments to threshold levels are made according to the Price Deflator for Construction Index, United States Department of Commerce, Bureau of the Census*, but may not increase or decrease more than 3% for any year

Penalties for violation

Violators are to be assessed the wages owed, plus a penalty of 100% of the wages owed.

Intentional Violations

If an intentional violation is determined to have occurred, the contractor is prohibited from contracting directly or indirectly with any public authority for the construction of a public improvement. Intentional violation means "a willful, knowing, or deliberate disregard for any provision" of the prevailing wage law and includes but is not limited to the following actions:

- Intentional failure to submit payroll reports as required, or knowingly submitting false or erroneous reports.
- Intentional misclassification of employees for the purpose of reducing wages.
- Intentional misclassification of employees as independent contractors or as apprentices.
- Intentional failure to pay the prevailing wage.
- Intentional failure to comply with the allowable ratio of apprentices to skilled workers as required by the regulations established by Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration.
- Intentionally employing an officer, of a contractor or subcontractor, that is known to be prohibited from contracting, directly or indirectly, with a public authority.



Responsibilities

- A. Pay the prevailing rate of wages as shown in the wage rate schedules issued by the Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration, for the classification of work being performed.
 - 1. Wage rate schedules include all modifications, corrections, escalations, or reductions to wage rates issued for the project.
 - 2. Overtime must be paid at time and one-half the employee's base hourly rate. Fringe benefits are paid at straight time rate for all hours including overtime.
 - 3. Prevailing wages must be paid in full without any deduction for food, lodging, transportation, use of tools, etc.; unless, the employee has voluntarily consented to these deductions in writing. The public authority and the Director of Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration - must approve these deductions as fair and reasonable. Consent and approval must be obtained before starting the project.

- B. Use of Apprentices and Helpers cannot exceed the ratios permitted in the wage rate schedules.
 - 1. Apprentices must be registered with the U.S. Department of Labor Bureau of Apprenticeship and Training.
 - 2. Contractors must provide the Prevailing Wage Coordinator a copy of the Apprenticeship Agreement for each apprentice on the project.

- C. Keep full and accurate payroll records available for inspection by any authorized representative of the Ohio Department of Commerce, Division of Industrial Compliance, and Labor, Bureau of Wage and Hour Administration or the contracting public authority, including the Prevailing Wage Coordinator. Records should include but are not limited to:
 - 1. Time cards, time sheets, daily work records, etc.
 - 2. Payroll ledger\journals and canceled checks\check register.
 - 3. Fringe benefit records must include program, address, account number, & canceled checks.
 - 4. Records made in connection with the public improvement must not be removed from the State for one year following the completion of the project.
 - 5. Out-of-State Corporations must submit to the Ohio Secretary of State the full name and address of their Statutory Agent in Ohio.

- D. Prevailing Wage Rate Schedule must be posted on the job site where it is accessible to all employees.

- E. Prior to submitting the initial payroll report, supply the Prevailing Wage Coordinator with your project dates to schedule reporting of your payrolls.

- F. Supply the Prevailing Wage Coordinator a list of all subcontractors including the name, address, and telephone number for each.
 - 1. **Contractors are responsible for their subcontractors' compliance with requirements of Chapter 4115 of the Ohio Revised Code.**



Department
of Commerce

Division of Industrial Compliance

- G. Before employees start work on the project, supply them with written notification of their job classification, prevailing wage rate, fringe benefit amounts, and the name of the Prevailing Wage Coordinator for the project. A copy of the completed signed notification should be submitted to Prevailing Wage Coordinator.
- H. Supply all subcontractors with the Prevailing Wage Rates and changes.
- I. Submit certified payrolls within two (2) weeks after the initial pay period. Payrolls must include the following information:
 - 1. Employees' names, addresses, and social security numbers.
 - a. Corporate officers/owners/partners and any salaried personnel who do physical work on the project are considered employees. All rate and reporting requirements are applicable to these individuals.
 - 2. Employees' work classification.
 - a. Be specific about the laborers and/or operators (Group)
 - b. For all apprentices, show level/year and percent of journeyman's rate
 - 3. Hours worked on the project for each employee.
 - a. The number of hours worked in each day and the total number of hours worked each week.
 - 4. Hourly rate for each employee.
 - a. The minimum rate paid must be the wage rate for the appropriate classification. The Department's Wage Rate Schedule sets this rate.
 - b. All overtime worked is to be paid at time and one-half for all hours worked more than forty (40) per week.
 - 5. Where fringes are paid into a bona fide plan instead of cash, list each benefit and amount per hour paid to program for each employee.
 - a. When the amount contributed to the fringe benefit plan and the total number of hours worked by the employee on all projects for the year are documented, the hourly amount is calculated by dividing the total contribution of the employer by the total number of hours worked by the employee.
 - b. When the amount contributed to the fringe benefit is documented but not the total hours worked, the hourly amount is calculated by **dividing the total yearly contribution by 2080.**
 - 6. Gross amount earned on all projects during the pay period.
 - 7. Total deductions from employee's wages.
 - 8. Net amount paid.
- J. The reports shall be certified by the contractor, subcontractor, or duly appointed agent stating that the payroll is correct and complete; and that the wage rates shown are not less than those required by the O.R.C. 4115.
- K. Provide a Final Affidavit to the Prevailing Wage Coordinator upon the completion of the project.

CERTIFIED PAYROLL REPORT

Employer Name & Address			Name of General / Prime Contractor			Project Name & Location				Contracting Public Authority									
Check if subcontractor <input type="checkbox"/>			Week Ending			Payroll #				Project Number									
						Page _____ Of _____													
1. Employee Name, Address and Social Security Number	2. Work Class	3. Hours Worked - Day & Date					4. Project Total Hrs	5. Base Rate	6. Project Gross	7. Fringes:					8. Total Hours All Jobs	9. Total Gross All Jobs	10. Taxes Withheld	11. Other Deducts	12. NET Paid
										Cash	Approved Plans	Cash & Approved Plans	<input type="checkbox"/>	<input type="checkbox"/>					
		OT																	
		ST																	
		OT																	
		ST																	
		OT																	
		ST																	
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		ST																	
		OT																	
		ST																	

PW.9

Date _____ My signature on this form signifies that I pay, or supervise the payment of the employees shown above. I am certifying: 1) That during the pay period reported on this form, all hours worked on this project have been paid at the appropriate prevailing wage rate for the class of work done. 2) That the fringe benefits have been paid as indicated above. 3) That no rebates or deductions have been or will be made, directly or indirectly from the total wages earned, other than permissible deductions as defined in the Ohio Revised Code Chapter 4115. 4) That apprentices are registered with the U.S. Department of Labor, Bureau of Apprenticeship and Training. The willful falsification of any of the above statements may subject the contractor or subcontractor to civil or criminal prosecution.

Name and Title _____

Signature _____



Department of Commerce

Division of Industrial Compliance
John R. Kasich, Governor
Jacqueline T. Williams, Director

Instructions for Filing a Minimum Wage Complaint

There is no cost in having a valid complaint investigated by our office. Please be advised, we cannot provide legal advice or act as your attorney. Also, please note, this office is only able to pursue minimum wage for the hours that are found to be unpaid. You also have the option of pursuing your complaint privately or you may wish to contact an attorney. However, you cannot pursue your complaint through both processes at the same time.

After reviewing the guidelines below, if you believe that your situation falls within our investigatory limitations, you may file a complaint with our office.

The Bureau of Wage and Hour Administration investigates complaints involving the following:

- Minimum wage not being paid,
- Overtime not being paid,
- Unauthorized deductions, and
- Last paychecks being held.

We cannot collect wages owed for the any of the following reasons:

- Vacation pay,
- Sick leave,
- Holidays, or
- Other employment benefits promised to you.

In addition, we cannot investigate a complaint if you believe you were improperly terminated or if your employer did not properly withhold taxes, social security, etc.

In order to file a complaint, please follow these steps:

1. Fill in the form completely using black or blue ink. Please print legibly.
2. Provide copies, NOT originals, of the following; pay stubs, time sheets and any other records that will help prove your claim.
3. Use a separate sheet of paper to explain your situation, if needed.
4. Please have your signature notarized.
5. If you wish to remain anonymous, please indicate that by selecting the correct boxes on the form. Please note, you will remain anonymous until such time that wages are to be paid.
6. Submit the completed complaint form and your records to:

Division of Industrial Compliance
Bureau of Wage and Hour Administration,
6606 Tussing Road
Reynoldsburg, OH 43068

Please note, a complaint will be rejected if it does not contain complete and sufficient information. A complaint may also be rejected depending on your employment status (i.e. an exempt employee).

Bureau of Wage and Hour Administration
6606 Tussing Road
PO Box 4009
Reynoldsburg, OH 43068-9009 U.S.A.

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614 | 644 2239
Fax 614 | 728 8639
TTY/TDD 800 | 750 0750
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Department of Commerce

Division of Industrial Compliance
 John R. Kasich, Governor
 Jacqueline T. Williams, Director

MINIMUM WAGE COMPLAINT

Current Status With this Employer: Present employee of business? <input type="checkbox"/> Yes <input type="checkbox"/> No Former employee of business? <input type="checkbox"/> Yes <input type="checkbox"/> No Reason for filing complaint: <input type="checkbox"/> Minimum wage not paid <input type="checkbox"/> Overtime not paid <input type="checkbox"/> Unpaid wages <input type="checkbox"/> Last pay not received <input type="checkbox"/> Other (Explain in comments section below)	DO NOT WRITE IN THIS AREA		
	Case # _____		
	Approved: <input type="checkbox"/> Yes <input type="checkbox"/> No		
	Rejected: <input type="checkbox"/> Yes <input type="checkbox"/> No		
	Denied: <input type="checkbox"/> Yes <input type="checkbox"/> No		
County _____	Investigator _____		
Comments: _____			

INCOMPLETE FORMS WILL BE RETURNED

EMPLOYER INFORMATION		Name _____			
Telephone _____		Address _____			
Email/Website _____		City _____	State _____	Zip _____	County _____
Type of Business _____		Number of Employees <input type="checkbox"/> 0-5 <input type="checkbox"/> 10 - 25 <input type="checkbox"/> 50 - 75 <input type="checkbox"/> 100 Plus			
Owner's name _____		Supervisor's name and title _____			
Is the business still operating? <input type="checkbox"/> Yes <input type="checkbox"/> No Business is _____ Over / _____ Under \$500,000. per year		Has the business filed bankruptcy? <input type="checkbox"/> Yes <input type="checkbox"/> No			
COMPLAINANT/EMPLOYEE INFORMATION Employees should include copies of pay stubs, time cards, or any other documents that will assist in our investigation		Name _____			
Telephone _____		Address _____			
Other telephone numbers where you can be reached: _____		City _____	State _____	Zip _____	County _____
Email _____		<input type="checkbox"/> Yes, I authorize the use of my name <input type="checkbox"/> No, I do not authorize the use of my name			
Are you over 18 years old? <input type="checkbox"/> Yes <input type="checkbox"/> No	How long did you work there? From ____ / ____ / ____ To ____ / ____ / ____	What position did you hold? _____			
WAGE PAYMENTS		Are any part of these wages for?			
<input type="checkbox"/> Hourly? Amount _____	<input type="checkbox"/> Weekly?	Bonus _____		<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Salary? Amount _____	<input type="checkbox"/> Bi-weekly?	Commission _____		<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Overtime? Amount _____	<input type="checkbox"/> Monthly?	Vacation/Holiday Pay/Sick Leave		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Were tips received? <input type="checkbox"/> Yes <input type="checkbox"/> No		Do you owe your employer for advances, loans, merchandise, etc.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, was at least \$30 in tips reported each week? <input type="checkbox"/> Yes <input type="checkbox"/> No		If yes, amount owed: \$ _____			
Were you employed:		Did employer keep time records?		<input type="checkbox"/> Yes <input type="checkbox"/> No	
In outside sales? <input type="checkbox"/> Yes <input type="checkbox"/> No		Were you paid in cash?		<input type="checkbox"/> Yes <input type="checkbox"/> No	
In a managerial/supervisory position? <input type="checkbox"/> Yes <input type="checkbox"/> No		Did employer keep wage records?		<input type="checkbox"/> Yes <input type="checkbox"/> No	
By a governmental agency? <input type="checkbox"/> Yes <input type="checkbox"/> No		Do you have your own record of hours worked?		<input type="checkbox"/> Yes <input type="checkbox"/> No	
In a professional position? <input type="checkbox"/> Yes <input type="checkbox"/> No					
In interstate commerce? <input type="checkbox"/> Yes <input type="checkbox"/> No					
HOW MUCH ARE YOU OWED? \$ _____					
TIME PERIOD From ____ / ____ / ____ To ____ / ____ / ____					


NUMBER OF HOURS WAGES CLAIMED FOR _____	Were deductions for taxes, etc. withheld? <input type="checkbox"/> Yes <input type="checkbox"/> No
	If yes, were amounts listed on pay stubs? <input type="checkbox"/> Yes <input type="checkbox"/> No

ADDITIONAL COMMENTS:

Please Attach Additional Sheets If Necessary

ATTACH ANY INFORMATION TO SUBSTANTIATE YOUR CLAIM. UNSUBSTANTIATED CLAIMS MAY BE RETURNED.

SPECIAL NOTICE	
I _____, on this day _____ <input type="checkbox"/> Do <input type="checkbox"/> Do Not Assign to the Ohio Department of Commerce all rights, title, and interest to my claim for wages against _____ (Employer) In assigning these rights, I am aware that I must submit written notice of any change in my representational status.	<input type="checkbox"/> Yes, I authorize the use of my name <input type="checkbox"/> No, I do not authorize the use of my name _____ Signature date

SIGNATURE & NOTARY	
Affiant is further informed that Section 2921.13 of the Ohio Revised Code provides a penalty of a misdemeanor of the first degree and that prosecution will be pursued of those persons who "knowingly swear or affirm the truth of a false statement when... the statement is sworn or affirmed before a notary public..." Sworn to before me and subscribed by the said: _____ In my presence this _____ day of _____ 20____ _____ Notary Public	Complaints will be returned if not complete & signed I hereby certify that this is a true statement to the best of my knowledge and belief. _____ Signature date Return to: Ohio Department of Commerce Division of Industrial Compliance Bureau of Wage & Hour Administration 6606 Tussing Road, P.O. Box 4009 Reynoldsburg, OH 43068 - 9009 614-644-2239 Fax 614-644-8639 

(Revised 9/30/11)

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*** INCOMPLETE FORMS WILL BE RETURNED ***



INSTRUCTIONS FOR PREPARING CERTIFIED PAYROLL REPORTS

General

Contractors and subcontractors are required by law to submit certified payroll reports for work on projects covered by Ohio's Prevailing Wage Law. This form meets the reporting requirements established by Ohio Revised Code Chapter 4115. The use of this form is not mandatory, employers may submit their own forms provided that all of the required information is included. This form may be reproduced, or additional copies obtained from:

Ohio Department of Commerce Division of Industrial Compliance and Labor Bureau of Wage & Hour Administration 6606 Tussing Rd. P. O. Box 4009 Reynoldsburg, OH 43068-9009 Phone: (614) 644-2239 .

Certified Payroll Heading

Employer name and address: Company's full name and address. Indicate if the company is a subcontractor, if so list the name of the General or Prime. Project: Name and location of the project, including county. Contracting Public Authority: Name and address of the contracting public authority. Week Ending: Month, day, and year for last day of reporting period. Payroll #: Indicates first, second, third, etc. payroll filed by the company for the project. Page Indicator: number of pages included in the report. Project Number: Determined by the public authority, if there is no number leave blank.

Information by Column

- 1. Employee Name, Address and Social Security number: This information must be provided for all employees that perform physical labor on the project. Corporate officers, partners, and salaried employees are considered employees and must be paid the prevailing rate. Individual sole proprietors do not have to pay themselves prevailing rate but must report their hours on the project.
- 2. Work Class: List classification of work actually performed by employee. If unsure of work classification, consult the Ohio department of Commerce, Wage and Hour Bureau. Employees working more than one classification should have separate line entries for each classification. Indicate what year/level for Apprentices. Be specific when using laborer and operator classifications; for example, Backhoe Operator or Asphalt Laborer.
- 3. Hours Worked, Day & Date: In the first row of column 3 enter days of pay period example; M T W T H F S S. The second row is for the date that corresponds with each day for the pay period. In the employee information section enter the number of hours worked on the prevailing wage project and which day the hours were worked. Separate rows are labeled for (ST) straight time hours and (OT) overtime hours. All hours worked after 40, must be paid at the appropriate overtime rate.
- 4. Project Total Hours : Total the hours entered for pay period.
- 5. Base Rate: Enter actual rate per hour paid to the employee. The overtime hourly rate is time and one-half the base rate listed in the prevailing wage schedule plus fringe benefits at straight time rate. The prevailing wage schedule lists the base rate plus fringe benefit amounts. These amounts added together equal the total prevailing wage rate. Employers must pay this total amount in one of three ways.
 - Total rate may be paid in entirety in the base rate to the employee; in which case, the cash designation will be checked for fringe benefits.
 - Total rate may be paid as listed in prevailing wage rate schedule with total fringe amounts paid approved plans.
 - Total rate may be paid with a combination of base rate and fringe payments to approved plans in amounts other than those listed in schedule.
- 6. Project Gross: Enter total gross wages earned on the project for straight time and overtime. Project hours X base rate should equal project gross.
- 7. Fringes: If fringe benefits are paid in the hourly base rate, indicate this by marking the cash space. If fringe benefits are paid to approved plans as listed in the prevailing wage rate schedule, mark the space Approved Plans. If fringe benefits are paid partially in the base rate and partially to approved plans, mark the space Cash & Approved plans. List the hourly amount paid to approved plans for each fringe. If payments are not made on a per hour basis, calculate the hourly fringe credit by dividing the yearly employer contribution by the lesser of: hours actually worked in the year (these must be documented) or 2080. Fringe benefits include: Employer's share of health insurance, life insurance, retirement plan, bonus/profit sharing, sick pay, holiday pay, personal leave, vacation, and education/training programs.
- 8. Total Hours All Jobs: Total all hours worked during the pay period including non-prevailing wage jobs.
- 9. Total Gross All Jobs: Gross amount earned in the pay period for all hours worked.
- 10. Self explanatory.
- 11. Self explanatory.
- 12. Self explanatory.

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CONTACT US

Division of Industrial Compliance & Labor
6606 Tussing Road
Reynoldsburg, OH 43068
Phone 614.644.2239
Fax 614.644.2838
Email com@com.state.oh.us

Webmaster
Contact the Webmaster for Questions
or Comments on the Website
webmaster@com.state.oh.us

CONNECT WITH US



LOOKUP SERVICES

Registered Contractor List
Boiler Information Database
Building Code Compliance Electronic Plan
Submissions
Board Of Building Appeals Case Lookup
Elevator Database Lookup

RESOURCES

Federal Wage and Hour
U.S. Consumer Product Safety
Commission
National Electric Fire Alarm and Sprinkler
Codes
Minor Labor Law Poster
2017 Minimum Wage Poster
2018 Minimum Wage Poster

ABOUT INDUSTRIAL
COMPLIANCE

Director Sheryl Maxfield
Superintendent Geoff Eaton

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BEFORE FILING A PREVAILING WAGE COMPLAINT, PLEASE READ CAREFULLY!

You May File A Complaint With This Division If:

- A. You were or are employed on the project.
 B. You meet one of the following:

- Any person who submits a bid for the purpose of securing the award of a contract for construction of the public improvement.
- Any person acting as a subcontractor of a person mentioned in (B.1.) above.
- Any bona fide organization of labor which has as members or is authorized to represent employees of a person mentioned in (B.1. or B.2.) and which exists, in whole or in part, for the purpose of negotiating with employers concerning the wages, hours, or terms and conditions of employment of employees.
- Any association having as members any of the persons mentioned in (B.1. or B.2.) of this section.

Do Not Fill Out This Form If:

- A. The project has been completed for two (2) years.
 B. You acted as an 'independent contractor' and not as an 'employee' of the business, or you were self-employed.
 C. You already have a judgement involving the same wage claim.
 D. The contractor has filed for bankruptcy. (If so, you will need to contact the Bankruptcy Court for further instructions)

Filing More Than One Complaint:

- A. You must use a separate complaint form for filing against each contractor and/or project.
 B. Each claimant intending to file against a contractor and/or project must use a separate complaint form.

Completing The Prevailing Wage Complaint Form:

- A. Download or view the form, then print out a copy of the form (it is a legal size document, 8 1/2" by 11").
 B. Read all questions on the wage claim form carefully before answering. Please fill out your claim completely, legibly, and accurately. You must sign, date, and have it notarized.
 C. Provide the contractor's name, name of business, correct address, county, and telephone number. You as the claimant are responsible for providing this information.
 D. To help prove your claim, please provide copies of any documentation you have available. For example, pay stubs or a personal record of hours worked on the project. **DO NOT SEND ORIGINALS.**
 E. Be certain that your name, address, social security number, and telephone number are correct. If you do not have a telephone number, please supply this Division with a telephone number where we can reach you. If your address or telephone number changes, it is your responsibility to notify us immediately or your claim could be closed.

The Prevailing Wage Complaint Form (PDF) can be downloaded [here](#).

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CONTACT US

Division of Industrial Compliance & Labor
 6600 Lussing Road
 Reynoldsburg, OH 43068
 Phone: 614.644.2223
 Fax: 614.644.2618
 Email: com.state@ios

Webmaster
 Contact the Webmaster for Questions
 or Comments on the Website:
webmaster@com.state.oh.gov

CONNECT WITH US



LOOKUP SERVICES

Registered Contractor List
 Boiler Information Database
 Building Code Compliance Electronic Plan
 Submission
 Board Of Building Appeals Case Lookup
 Elevator Database Lookup

RESOURCES

Federal Wage and Hour
 U.S. Consumer Product Safety
 Commission
 National Electric, Fire Alarm and Sprinkler
 Codes
 Minor Labor Law Poster
 2017 Minimum Wage Poster
 2018 Minimum Wage Poster

**ABOUT INDUSTRIAL
 COMPLIANCE**

Director Sheryl Maxfield
 Superintendent Geoff Eaton

com. Ohio.gov

**CITY OF MENTOR
PREVAILING WAGE RELEASE FORM**

CONTRACTOR NAME:

ADDRESS:

PHONE/E-MAIL:

I, _____, the owner operator driver of this dump truck hired by
_____ of _____, Ohio for the use at _____
(general contractor on project) *(project)*

in Mentor, Ohio. I am acknowledging prevailing wage rates at _____, Mentor, Ohio.
(project)

I am claiming exemption do to the fact that I am the owner/operator and am an independent contractor.
This exemption will remain until completion or release form from _____.
(general contractor on project)

Owner/Operator Name *(print)*: _____

Signature: _____

Start Date: _____

Driver's License Number: _____

Social Security Number *(last 4 digits)*: _____


Attach State of Ohio – Bureau of Motor Vehicles Registration Cab Card

Witnesses:

The Prevailing Wage Coordinator:

Veronica Fetsko
City of Mentor
8500 Civic Center Boulevard
Mentor, Ohio 44060
440-974-5776
fetsko@cityofmentor.com

Prevailing Wage Determination Cover Letter

County: -Select- 
Determination Date: 07/29/2022
Expiration Date: 10/29/2022

THE FOLLOWING PAGES ARE PREVAILING RATES OF WAGES ON PUBLIC IMPROVEMENTS FAIRLY ESTIMATED TO BE MORE THAN THE AMOUNT IN O.R.C. SEC. 4115.03 (b) (1) or (2), AS APPLICABLE.

Section 4115.05 provides, in part: "Where contracts are not awarded or construction undertaken within ninety days from the date of the establishment of the prevailing wages, there shall be a redetermination of the prevailing rate of wages before the contract is awarded." The expiration date of this wage schedule is listed above for your convenience only. This wage determination is not intended as a blanket determination to be used for all projects during this period without prior approval of this Department.

Section 4115.04, Ohio Revised Code provides, in part: "Such schedule of wages shall be attached to and made a part of the specifications for the work, and shall be printed on the bidding blanks where the work is done by contract..."

The contract between the letting authority and the successful bidder shall contain a statement requiring that mechanics and laborers be paid a prevailing rate of wage as required in Section 4115.06, Ohio Revised Code.

The contractor or subcontractor is required to file with the contracting public authority upon completion of the project and prior to final payment therefore an affidavit stating that he has fully complied with Chapter 4115 of the Ohio Revised Code.

The wage rates contained in this schedule are the "Prevailing Wages" as defined by Section 4115.03, Ohio Revised Code (the basic hourly rates plus certain fringe benefits). These rates and fringes shall be a minimum to be paid under a contract regulated by Chapter 4115 of the Ohio Revised Code by contractors and subcontractors. The prevailing wage rates contained in this schedule include the effective dates and wage rates currently on file. In cases where future effective dates are not included in this schedule, modifications to the wage schedule will be furnished to the Prevailing Wage Coordinator appointed by the public authority as soon as prevailing wage rates increases are received by this office.

"There shall be posted in a prominent and accessible place on the site of work a legible statement of the Schedule of Wage Rates specified in the contract to the various classifications of laborers, workmen, and mechanics employed, said statement to remain posted during the life of such contract." Section 4115.07, Ohio Revised Code.

Apprentices will be permitted to work only under a bona fide apprenticeship program if such program exists and if such program is registered with the Ohio Apprenticeship Council.

Section 4115.071 provides that no later than ten days before the first payment of wages is due to any employee of any contractor or subcontractor working on a contract regulated by Chapter 4115, Ohio Revised Code, the contracting public authority shall appoint one of his own employees to act as the prevailing wage coordinator for said contract. The duties of the prevailing wage coordinator are outlined in Section 4115.071 of the Ohio Revised Code.

Section 4115.05 provides for an escalator in the prevailing wage rate. Each time a new rate is established, that rate is required to be paid on all ongoing public improvement projects.

A further requirement of Section 4115.05 of the Ohio Revised Code is: "On the occasion of the first pay date under a contract, the contractor shall furnish each employee not covered by a collective bargaining agreement or understanding between employers and bona fide organizations of Labor with individual written notification of the job classification to which the employee is assigned, the prevailing wage determined to be applicable to that classification, separated into the hourly rate of pay and the fringe payments, and the identity of the prevailing wage Coordinator appointed by the public authority. The contractor or subcontractor shall furnish the same notification to each affected employee every time the job classification of the employee is changed."

Work performed in connection with the installation of modular furniture may be subject to prevailing wage.

THIS PACKET IS NOT TO BE SEPARATED BUT IS TO REMAIN COMPLETE AS IT IS SUBMITTED TO YOU. (Reference guidelines and forms are included in this packet to be helpful in the compliance of the Prevailing Wage law.)

wh1500



- ▶ forms
- ▶ contacts
- ▶ about LAWS
- ▶ search

Ohio Department of Commerce

Bureau of Wage & Hour Administration

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Classification = All, County = LAKE, Union = All

County	Classification	Effective	Posted	Union
LAKE	Asbestos Worker	8/23/2018	8/23/2018	Asbestos Local 207 OH
LAKE	Asbestos Worker	8/1/2021	7/22/2021	Asbestos Local 3 Heat & Frost Insulators
LAKE	Boilermaker	4/3/2019	4/3/2019	Boilermaker Local 744
LAKE	Bricklayer	5/25/2022	5/25/2022	Bricklayer Local 16
LAKE	Bricklayer	5/18/2022	5/18/2022	Bricklayer Local 36 Zone 1 Tile Finisher
LAKE	Bricklayer	5/18/2022	5/18/2022	Bricklayer Local 36 Zone 1 Tile Layer
LAKE	Bricklayer	6/1/2022	6/1/2022	Bricklayer Local 5 Marble Mason
LAKE	Bricklayer	6/1/2022	6/1/2022	Bricklayer Local 5 Marble, Terrazzo & Mosaic
LAKE	Bricklayer	5/18/2022	5/18/2022	Bricklayer Local 5 Terrazzo Finisher
LAKE	Bricklayer	5/18/2022	5/18/2022	Bricklayer Local 5 Tile & Marble Finisher
LAKE	Carpenter	6/15/2022	6/15/2022	Carpenter Commercial NE Zone 3
LAKE	Carpenter	6/15/2022	6/15/2022	Carpenter Floorlayer NE Zone 3
LAKE	Carpenter	6/15/2022	6/15/2022	Carpenter Insulation NE Zone 3
LAKE	Carpenter	6/29/2022	6/29/2022	Carpenter Millwright NE Zone M1
LAKE	Carpenter	3/5/2014	3/5/2014	Carpenter NE District Industrial Dock & Door
LAKE	Carpenter	6/15/2022	6/15/2022	Carpenter Pile Driver NE Zone P1
LAKE	Bricklayer	6/8/2022	6/8/2022	Cement Mason Bricklayer Local 97 HevHwy A
LAKE	Bricklayer	6/8/2022	6/8/2022	Cement Mason Bricklayer Local 97 HevHwy B
LAKE	Cement	8/25/2021	8/25/2021	Cement Mason Local 404
LAKE	Cement Mason	5/5/2022	5/5/2022	Cement Mason Statewide HevHwy Exhibit B District I
LAKE	Electrical	2/16/2022	2/16/2022	Electrical Local 673 Inside
LAKE	Electrical	2/23/2022	2/23/2022	Electrical Local 673 Inside Lt Commercial Northern
LAKE	Electrical	7/30/2020	7/30/2020	Electrical Local 673 Lightning Rod
LAKE	Voice Data Video	6/25/2020	6/25/2020	Electrical Local 673 Voice Data Video
LAKE	Lineman	3/16/2021	3/16/2021	Electrical Local 71 DOT Traffic Signal Highway Lighting Cleveland
LAKE	Lineman	3/16/2021	3/16/2021	Electrical Local 71 Cleveland Commercial Projects
LAKE	Lineman	3/16/2021	3/16/2021	Electrical Local 71 Cleveland Municipal Power & Transit
LAKE	Lineman	3/16/2021	3/16/2021	Electrical Local 71 High Tension Pipe Type Cable
LAKE	Lineman	3/16/2021	3/16/2021	Electrical Local 71 Outside Utility Power
LAKE	Voice Data Video	10/18/2017	10/18/2017	Electrical Local 71 Voice Data Video Outside
LAKE	Elevator	5/30/2012	5/30/2012	Elevator Local 17
LAKE	Elevator	6/8/2022	6/8/2022	Elevator Local 17
LAKE	Glazier	12/31/2021	12/22/2021	Glazier Local 181
LAKE	Ironworker	12/24/2020	12/24/2020	Ironworker Local 17
LAKE	Laborer	5/11/2022	5/11/2022	Labor Local 310
LAKE	Laborer Group 1	6/1/2022	6/1/2022	Laborer HevHwy 1A
LAKE	Operating Engineer	5/25/2022	5/25/2022	Operating Engineers - Building Local 18 - Zone I (A)
LAKE	Operating Engineer	5/25/2022	5/25/2022	Operating Engineers - HevHwy Zone I
LAKE	Drywall Finisher	12/31/2021	12/22/2021	Painter Local 505
LAKE	Painter	6/10/2015	6/10/2015	Painter Local 639
LAKE	Painter	6/29/2021	6/29/2021	Painter Local 639 Zone 1 Sign
LAKE	Painter	12/31/2021	12/22/2021	Painter Local 707
LAKE	Painter	12/31/2021	12/22/2021	Painter Local 707 HvyHwy
LAKE	Sprinkler Fitter	7/20/2022	7/20/2022	Pipefitter Local 120
LAKE	Pipefitter	7/20/2022	7/20/2022	Pipefitter Local 120
LAKE	Pipefitter	7/20/2022	7/20/2022	Pipefitter Local 120 Mechanical Equipment
LAKE	Plaster	6/3/2022	6/3/2022	Plasterer Local 526
LAKE	Plumber	6/8/2022	6/8/2022	Plumber Local 55
LAKE	Roofer	5/21/2021	5/21/2021	Roofer Local 44
LAKE	Sheet Metal Worker	8/1/2022	7/27/2022	Sheet Metal Local 33 Industrial Door
LAKE	Sheet Metal Worker	6/1/2022	6/1/2022	Sheet Metal Local 33 (Cleveland)
LAKE	Truck Driver	8/12/2015	8/12/2015	Truck Driver HevHwy 436
LAKE	Cement Mason	5/5/2022	5/5/2022	Cement Mason Statewide HevHwy

Prevailing Wage Rate Skilled Crafts

Name of Union: Asbestos Local 207 OH

Change # : LCN01-2018fbLoc207OH

Craft : Asbestos Worker Effective Date : 08/23/2018 Last Posted : 08/23/2018

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Asbestos Abatement	\$25.50	\$7.25	\$6.45	\$0.65	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$39.92	\$52.67
Trainee	\$16.50	\$7.25	\$1.50	\$0.65	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$25.97	\$34.22

Special Calculation Note :

Ratio :

3 Journeymen to 1 Trainee

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ASHLAND, ASHTABULA*, ATHENS, AUGLAIZE, BROWN, BUTLER*, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARDIN, HARRISON, HIGHLAND, HOCKING, HOLMES, HURON, KNOX, LAKE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MIAMI, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PORTAGE, PREBLE, RICHLAND, ROSS, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VINTON, WARREN*, WAYNE

Special Jurisdictional Note : Butler County:(townships of Fairfield,Hanover,Liberty,Milford,Morgan,Oxford,Ripley,Ross,StClair,Union & Wayne.) (Lemon & Madison) Warren County: (townships of: Deerfield, Hamilton, Harlan, Salem, Union & Washington). (Clear Creek, Franklin, Mossie, Turtle Creek & Wayney). Ashtabula County: (post offices & townships of Ashtabula, Austinburg, Geneva, Harperfield, Jefferson, Plymouth & Saybrook) (townships of Andover, Cherry Valley, Colbrook, Canneaut, Denmark, Dorset, East Orwell, Hartsgrove, Kingville, Lenox, Monroe,Morgan,New Lyme,North Kingsville, Orwell, Pierpoint, Richmond Rock Creek, Rome, Sheffield, Trumbull, Wayne, Williamsfield & Windsor) Erie County:(post offices & townships of Berlin, Berlin Heights,Birmingham,Florence ,Huron, Milan, Shinrock & Vermilion)

Details :

Asbestos & lead paint abatement including,but not limited to the removal or encapsulation of asbestos & lead paint,all work in conjunction with the preparation of the removal of same & all work in conjunction with the

clean up after said removal. The removal of all insulation materials, whether they contain asbestos or not, from mechanical systems (pipes, boilers, ducts, flues, breaching, etc.) is recognized as being the exclusive work of the Asbestos Abatement Workers.

On all mechanical systems (pipes, boilers, ducts, flues, breaching, etc.) that are going to be demolished, the removal of all insulating materials whether they contain asbestos or not shall be the exclusive work of the Laborers.

An Abatement Journeyman is anyone who has more than 300 hours in the Asbestos Abatement field.

Prevailing Wage Rate Skilled Crafts

Name of Union: Asbestos Local 3 Heat & Frost Insulators

Change # : LCN01-2021fbLoc3

Craft : Asbestos Worker Effective Date : 08/01/2021 Last Posted : 07/22/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Asbestos Insulation Worker	\$40.08		\$13.90	\$10.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$63.98	\$84.02
Fire Stop Specialist	\$40.08		\$13.90	\$10.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$63.98	\$84.02
Fire Stop Technician	\$33.28		\$13.90	\$4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.18	\$67.82
Apprentice	Percent											
1st year	50.64	\$20.30	\$13.90	\$1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35.20	\$45.34
2nd year	64.10	\$25.69	\$13.90	\$2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.59	\$54.44
3rd year	69.59	\$27.89	\$13.90	\$3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.79	\$58.74
4th year	83.04	\$33.28	\$13.90	\$4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.18	\$67.82

Special Calculation Note : There are no special calculations for this classification.

Ratio :

3 Journeymen to 1 Apprentice per shop

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA*, CUYAHOGA, ERIE*, GEAUGA, HURON, LAKE, LORAIN

Special Jurisdictional Note : Ashtabula (the townships of Ashtabula, Austinburg, Geneva, Jefferson, Plymouth & Saybrook), Lake, Geauga, Cuyahoga, Lorain, Huron, Erie (to Sandusky limits). The counties of Ashland, Coshocton, Holmes, Medina, Portage, Richland, Stark, Tuscarawas, Wayne, Summit, Harrison, Carroll, Columbiana, Mahoning & Trumbull & the remainder of Ashtabula will be considered open counties on a 90 day basis automatically renewable unless revoked by the Union upon 15-day written notice to the employers.

Details :

Mechanics & apprentices engaged in the manufacture, fabrication, assembling, molding, handling, erection, spraying, pouring, mixing, hanging, clean-up, preparation, application, adjusting, alteration, repairing, dismantling, reconditioning, testing & maintenance of Heat & Frost Insulation such as Magnesia, Asbestos, Hair Felt, Wool Felt, Cork, Mineral Wool, Infusorial Earth, Mercerized Silk, Flax, Fiber, Fire Felt, Asbestos Paper, Asbestos Curtain, Asbestos Millboard, Fiberglass, Foam glass, Styrofoam, Polyurethane, fire stopping, smoke stopping, all recyclable material, soundproofing, all penetrations, any flexible or rigid fireproofing, all jacketing systems including metal, lead, and PVC or other

Prevailing Wage Rate Skilled Crafts

Name of Union: Boilermaker Local 744

Change # : LCNO1-2019fbLoc744

Craft : Boilermaker Effective Date : 04/03/2019 Last Posted : 04/03/2019

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Boilermaker	\$38.05		\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$67.76	\$86.78
Apprentice	Percent											
1st 6 months	70.02	\$26.64	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$56.35	\$69.67
2nd 6 months	72.52	\$27.59	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$57.30	\$71.10
3rd 6 months	75.00	\$28.54	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$58.25	\$72.52
4th 6 months	77.51	\$29.49	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$59.20	\$73.95
5th 6 months	80.00	\$30.44	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$60.15	\$75.37
6th 6 months	85.03	\$32.35	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$62.06	\$78.24
7th 6 months	90.00	\$34.25	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$63.96	\$81.08
8th 6 months	95.00	\$36.15	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$65.86	\$83.93
Helper	60.00	\$22.83	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$52.54	\$63.96

Special Calculation Note : Other is Supplemental Health

Ratio :

5 Journeymen to 1 Apprentice to 1 Helper

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CARROLL, COSHOCTON, CUYAHOGA, GEAUGA, HARRISON, HOLMES, LAKE, LORAIN, MAHONING, MEDINA, PORTAGE, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, WAYNE

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 16

Change # : LCN01-2022sksLoc16

Craft : Bricklayer Effective Date : 05/25/2022 Last Posted : 05/25/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Bricklayer	\$36.37		\$9.25	\$8.13	\$0.75	\$0.00	\$0.75	\$0.00	\$0.00	\$0.00	\$55.25	\$73.43
Cement & Stone Masons	\$36.37		\$9.25	\$8.13	\$0.75	\$0.00	\$0.75	\$0.00	\$0.00	\$0.00	\$55.25	\$73.43
Pointer Caulker Cleaner	\$36.37		\$9.25	\$8.13	\$0.75	\$0.00	\$0.75	\$0.00	\$0.00	\$0.00	\$55.25	\$73.43
Plasterers	\$36.37		\$9.25	\$8.13	\$0.75	\$0.00	\$0.75	\$0.00	\$0.00	\$0.00	\$55.25	\$73.43
Mason Trainees												
1-90 Days	\$16.37		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16.37	\$24.55
91-365 Days	\$16.37		\$9.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.62	\$33.81
366 plus days	\$18.19		\$9.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.44	\$36.54
Apprentice	Percent											
1st 6 months	60.00	\$21.82	\$9.25	\$2.30	\$0.75	\$0.00	\$0.75	\$0.00	\$0.00	\$0.00	\$34.87	\$45.78
2nd 6 months	65.00	\$23.64	\$9.25	\$2.30	\$0.75	\$0.00	\$0.75	\$0.00	\$0.00	\$0.00	\$36.69	\$48.51
3rd 6 months	70.00	\$25.46	\$9.25	\$2.30	\$0.75	\$0.00	\$0.75	\$0.00	\$0.00	\$0.00	\$38.51	\$51.24
4th 6 months	75.00	\$27.28	\$9.25	\$2.30	\$0.75	\$0.00	\$0.75	\$0.00	\$0.00	\$0.00	\$40.33	\$53.97
5th 6 months	80.00	\$29.10	\$9.25	\$2.30	\$0.75	\$0.00	\$0.75	\$0.00	\$0.00	\$0.00	\$42.15	\$56.69
6th 6 months	85.00	\$30.91	\$9.25	\$2.30	\$0.75	\$0.00	\$0.75	\$0.00	\$0.00	\$0.00	\$43.96	\$59.42
7th 6 months	90.00	\$32.73	\$9.25	\$2.30	\$0.75	\$0.00	\$0.75	\$0.00	\$0.00	\$0.00	\$45.78	\$62.15
8th 6 months	95.00	\$34.55	\$9.25	\$2.30	\$0.75	\$0.00	\$0.75	\$0.00	\$0.00	\$0.00	\$47.60	\$64.88

Special Calculation Note : Improver Classification is 50% to 80% of the journeyman rate with full fringes except pension is at (\$1.00)Until such time as the joint apprentice board determines he is a

qualified Journeyman, this should not exceed the Apprentice training period. Improvers may not constitute more than 20% of the work force

Ratio :

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, GEAUGA, LAKE

- 1-3 Journeymen to 1 Apprentice
- 4-6 Journeymen to 2 Apprentice
- 7-9 Journeymen to 3 Apprentice
- 10-12 Journeymen to 4 Apprentice

- 1 Apprentice permits 1 Mason Trainee
- 2 Apprentice permits 1 Mason Trainee
- 3 Apprentice permits 2 Mason Trainee
- 4 Apprentice permits 2 Mason Trainee

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 36 Zone 1 Tile Finisher

Change # : LCN01-2022sksLoc5

Craft : Bricklayer Effective Date : 05/18/2022 Last Posted : 05/18/2022

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Bricklayer Tile Finisher	\$29.48		\$8.95	\$1.35	\$0.65	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$44.93	\$59.67
Apprentice Tile Finishers												
	Percent											
1st 6 months	60.00	\$17.69	\$8.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.64	\$35.48
2nd 6 months	70.00	\$20.64	\$8.95	\$1.35	\$0.65	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$36.09	\$46.40
3rd 6 months	75.00	\$22.11	\$8.95	\$1.35	\$0.65	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$37.56	\$48.61
4th 6 months	80.00	\$23.58	\$8.95	\$1.35	\$0.65	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$39.03	\$50.83
5th 6 months	85.00	\$25.06	\$8.95	\$1.35	\$0.65	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$40.51	\$53.04
6th 6 months	90.00	\$26.53	\$8.95	\$1.35	\$0.65	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$41.98	\$55.25

Special Calculation Note :

Ratio :

1-4 Journeymen to 1 Apprentice
 5-10 Journeymen to 2 Apprentice
 11-16 Journeymen to 3 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE,
 LORAIN, MEDINA

Special Jurisdictional Note :

Details :

Tile Finishers:do all the cleaning, acid washing,grouting,by any methods or means. Also unpacking of all tiles,opening of all mastic containers,mixing of all mortar,thin-set and epoxy materials,also the distribution of it. They shall handle and distribute all materials such as sand,cement,lime,tile,all types of tile panels,prefabricated tile units, plastic materials and protective covering of all tile.Clean up and removal of always used in connection of said work.

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 36 Zone 1 Tile Layer

Change # : LCN01-2022sksLoc36

Craft : Bricklayer Effective Date : 05/18/2022 Last Posted : 05/18/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Bricklayer Tile Layer	\$33.60		\$8.95	\$2.43	\$0.73	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$52.31	\$69.11
Apprentice												
	Percent											
1st 30 days	60.00	\$20.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20.16	\$30.24
1st 6 months	60.00	\$20.16	\$8.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29.11	\$39.19
2nd 6 months	65.00	\$21.84	\$8.95	\$2.43	\$0.73	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$40.55	\$51.47
3rd 6 months	70.00	\$23.52	\$8.95	\$2.43	\$0.73	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$42.23	\$53.99
4th 6 months	75.00	\$25.20	\$8.95	\$2.43	\$0.73	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$43.91	\$56.51
5th 6 months	80.00	\$26.88	\$8.95	\$2.43	\$0.73	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$45.59	\$59.03
6th 6 months	85.00	\$28.56	\$8.95	\$2.43	\$0.73	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$47.27	\$61.55
7th 6 months	90.00	\$30.24	\$8.95	\$2.43	\$0.73	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$48.95	\$64.07
8th 6 months	95.00	\$31.92	\$8.95	\$2.43	\$0.73	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$50.63	\$66.59

Special Calculation Note : Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

Note that the classification description is clarified after the local union number at the top of the page.

Ratio :

- 1-4 Journeymen to 1 Apprentice
- 5-10 Journeymen to 2 Apprentice
- 11-16 Journeymen to 3 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

- ASHTABULA, CUYAHOGA, GEAUGA, LAKE,
- LORAIN, MEDINA

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 5 Marble Mason

Change # : LCN01-2022sksLoc5

Craft : Bricklayer Effective Date : 06/01/2022 Last Posted : 06/01/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Bricklayer Horizontal Marble Mason	\$25.91		\$9.70	\$9.45	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.72	\$58.67
Masonry Maintenance Specialist	\$12.96		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12.96	\$19.44
Apprentice	Percent											
1st 6 Months	60.00	\$15.55	\$9.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.25	\$33.02
2nd 6 Months	65.00	\$16.84	\$9.70	\$1.60	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.80	\$37.22
3rd 6 Months	70.00	\$18.14	\$9.70	\$9.45	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.95	\$47.02
4th 6 Months	75.00	\$19.43	\$9.70	\$9.45	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.24	\$48.96
5th 6 Months	80.00	\$20.73	\$9.70	\$9.45	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.54	\$50.90
6th 6 Months	85.00	\$22.02	\$9.70	\$9.45	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.83	\$52.85
MASON TRAINEES												
1st 90 Days	45.00	\$11.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11.66	\$17.49
1st year after 90 Days	45.00	\$11.66	\$9.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.36	\$27.19
2nd Year	50.00	\$12.96	\$9.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.66	\$29.13

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

Ratio :

1-2 Journeyman to 1 Apprentice
3-4 Journeyman to 2 Apprentices
5-6 Journeyman to 2 Apprentices
6-10 Journeyman to 3 Apprentices

1 Apprentice permits 1 Mason Trainee
2 Apprentice permits 1 Mason Trainee
3 Apprentice permits 2 Mason Trainee
4 Apprentice permits 2 Mason Trainee

Special Jurisdictional Note :**Details :**

In the mutual interest of both Employer and Union and to promote the masonry industry, it is agreed that the Employer may work with the Union and the Local Educational Partners in the jurisdiction of this agreement to employ School to work students provided that no conflicts exist with any Federal or State Laws. Employer must be party to a bonified Apprenticeship and Training program registered with the State of Ohio (OSAC). It is further agreed by both parties that the wages for the Masonry Maintenance Specialist shall be forty-five percent (45%) of the journeyman rate with no fringe benefits or as specified by the Local Educational Partner in the jurisdiction of the agreement.

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE,
LORAIN, MEDINA, PORTAGE, SUMMIT

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 5 Marble, Terrazzo & Mosaic

Change # : LCN01-2022sksLoc5

Craft : Bricklayer Effective Date : 06/01/2022 Last Posted : 06/01/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Bricklayer Marble, Terrazzo, Mosaic	\$36.71		\$9.70	\$9.45	\$0.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$56.63	\$74.98
Swing Scaffold Workers	\$37.71		\$9.70	\$9.45	\$0.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$57.63	\$76.48
Stack	\$37.21		\$9.70	\$9.45	\$0.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$57.13	\$75.73
Masonry Maintenance	\$16.52		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16.52	\$24.78
Apprentice	Percent											
1st 6 months	60.00	\$22.03	\$9.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31.73	\$42.74
2nd 6 months	65.00	\$23.86	\$9.70	\$9.45	\$0.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.78	\$55.71
3rd 6 months	70.00	\$25.70	\$9.70	\$9.45	\$0.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.62	\$58.47
4th 6 months	75.00	\$27.53	\$9.70	\$9.45	\$0.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.45	\$61.22
5th 6 months	80.00	\$29.37	\$9.70	\$9.45	\$0.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49.29	\$63.97
6th 6 months	85.00	\$31.20	\$9.70	\$9.45	\$0.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.12	\$66.73
7th 6 months	90.00	\$33.04	\$9.70	\$9.45	\$0.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.96	\$69.48
8th 6 months	95.00	\$34.87	\$9.70	\$9.45	\$0.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.79	\$72.23
MASON TRAINEES 1st 90 Days	45.00	\$16.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16.52	\$24.78
1st Year after 90 Days	45.00	\$16.52	\$9.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.22	\$34.48
2nd Year	50.02	\$18.36	\$9.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.06	\$37.24

Special Calculation Note : Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

Ratio :

- 1-2 Journeyman to 1 Apprentice
- 3-4 Journeyman to 2 Apprentices
- 5-6 Journeyman to 3 Apprentices
- 7-10 Journeyman to 4 Apprentices

- 1 Apprentice permits 1 Mason Trainee
- 2 Apprentice permits 1 Mason Trainee
- 3 Apprentice permits 2 Mason Trainee
- 4 Apprentice permits 2 Mason Trainee

Special Jurisdictional Note :

Details :

In the mutual interest of both Employer and Union and to promote the masonry industry, it is agreed that the Employer may work with the Union and the Local Educational Partners in the jurisdiction of this agreement to employ School to work students provided that no conflicts exist with any Federal or State Laws. Employer must be party to a bonified Apprenticeship and Training program registered with the State of Ohio (OSAC). It is further agreed by both parties that the wages for the Masonry Maintenance Specialist shall be forty-five percent (45%) of the journeyman rate with no fringe benefits or as specified by the Local Educational Partner in the jurisdiction of the agreement.

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, GEAUGA, LAKE, PORTAGE,
SUMMIT

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 5 Terrazzo Finisher

Change # : LCN01-2022sksLoc5

Craft : Bricklayer Effective Date : 05/18/2022 Last Posted : 05/18/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Bricklayer Terrazzo Finisher	\$29.43		\$9.70	\$5.15	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.93	\$59.64
Apprentice Terrazzo Finishers												
	Percent											
1st 6 months	60.00	\$17.66	\$9.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.36	\$36.19
2nd 6 months	70.00	\$20.60	\$9.70	\$5.15	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.10	\$46.40
3rd 6 months	75.00	\$22.07	\$9.70	\$5.15	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.57	\$48.61
4th 6 months	80.00	\$23.54	\$9.70	\$5.15	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.04	\$50.82
5th 6 months	85.00	\$25.02	\$9.70	\$5.15	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.52	\$53.02
6th 6 months	90.00	\$26.49	\$9.70	\$5.15	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.99	\$55.23

Special Calculation Note : Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

Note that the classification description is clarified after the local union number at the top of the page.

Ratio :

- 1-2 Journeymen to 1 Apprentice
- 3- 4 Journeymen to 2 Apprentices
- 5- 6 Journeymen to 3 Apprentices
- 7- 8 Journeymen to 4 Apprentices

Jurisdiction (* denotes special jurisdictional note) :

- ASHTABULA, CUYAHOGA, GEAUGA, LAKE,
- LORAIN, MEDINA, PORTAGE, SUMMIT

Special Jurisdictional Note :

Details :

Tile Finishers:do all the cleaning, acid washing,grouting,by any methods or means. Also unpacking of all tiles,opening of all mastic containers,mixing of all mortar,thin-set and epoxy materials,also the distribution of it. They shall handle and distribute all materials such as sand,cement,lime,tile,all types of tile panels,prefabricated

tile units, plastic materials and protective covering of all tile. Clean up and removal of always used in connection of said work.

Terrazzo Finishers:Assisting in grinding, and handling of material whether by hand or wheel barrow, or power buggies, including sand Portland cement, resinous cement and admixtures, aggregates of marble, stone or other compositions, bonding adhesives, sealers, waxes, and coatings used for Terrazzo Mosaic work, preparing, mixing by hand or machine, and distributing (spreading) all kinds of underbed or underlayment necessary and all scratch coat used for terrazzo and mosaic work. Also the rubbing, grinding, cleaning, sealing and polishing same either by hand or machine. will assist in the installation of the sand bed, tar paper, wire lath, divider strips, and rolling procedures and acid etching of all concrete floors that require it before installation. Shall handle all materials and assist in the installation of all types of terrazzo floors whether conventional or thin-set variety.

Marble Finishers:Loading and unloading handling and distributing of marble materials including the mixing of all materials used for the installation of marble, such as cement underbeds for the floors, thin-set or epoxies including but not limited to plastic materials. Clean up and removal of all waster material of said work. Cleaning and grouting of all marble and slate, and all polishing of marble and slate floors.

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 5 Tile & Marble Finisher

Change # : LCN01-2022sksLoc5

Craft : Bricklayer Effective Date : 05/18/2022 Last Posted : 05/18/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Bricklayer Tile Marble Finisher	\$29.43		\$9.70	\$5.15	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.93	\$59.64
Apprentice Tile Marble Finishers												
Percent												
1st 6 months	60.00	\$17.66	\$9.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.36	\$36.19
2nd 6 months	70.00	\$20.60	\$9.70	\$5.15	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.10	\$46.40
3rd 6 months	75.00	\$22.07	\$9.70	\$5.15	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.57	\$48.61
4th 6 months	80.00	\$23.54	\$9.70	\$5.15	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.04	\$50.82
5th 6 months	85.00	\$25.02	\$9.70	\$5.15	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.52	\$53.02
6th 6 months	90.00	\$26.49	\$9.70	\$5.15	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.99	\$55.23

Special Calculation Note : Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

Note that the classification description is clarified after the local union number at the top of the page.

Ratio :

- 1-2 Journeymen to 1 Apprentice
- 3- 4 Journeymen to 2 Apprentice
- 5-6 Journeymen to 3 Apprentice
- 7-8 Journeymen to 4 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

- ASHTABULA, CUYAHOGA, GEAUGA, LAKE,
- LORAIN, MEDINA, PORTAGE, SUMMIT

Special Jurisdictional Note :

Details :

Tile Finishers:do all the cleaning, acid washing,grouting,by any methods or means. Also unpacking of all tiles,opening of all mastic containers,mixing of all mortar,thin-set and epoxy materials,also the distribution of it.

They shall handle and distribute all materials such as sand, cement, lime, tile, all types of tile panels, prefabricated tile units, plastic materials and protective covering of all tile. Clean up and removal of always used in connection of said work.

Terrazzo Finishers: Assisting in grinding, and handling of material whether by hand or wheel barrow, or power buggies, including sand Portland cement, resinous cement and admixtures, aggregates of marble, stone or other compositions, bonding adhesives, sealers, waxes, and coatings used for Terrazzo Mosaic work, preparing, mixing by hand or machine, and distributing (spreading) all kinds of underbed or underlayment necessary and all scratch coat used for terrazzo and mosaic work. Also the rubbing, grinding, cleaning, sealing and polishing same either by hand or machine. will assist in the installation of the sand bed, tar paper, wire lath, divider strips, and rolling procedures and acid etching of all concrete floors that require it before installation. Shall handle all materials and assist in the installation of all types of terrazzo floors whether conventional or thin-set variety.

Marble Finishers: Loading and unloading handling and distributing of marble materials including the mixing of all materials used for the installation of marble, such as cement underbeds for the floors, thin-set or epoxies including but not limited to plastic materials. Clean up and removal of all waster material of said work. Cleaning and grouting of all marble and slate, and all polishing of marble and slate floors.

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Commercial NE Zone 3

Change # : OCR01-2022sksLocNEZone3

Craft : Carpenter Effective Date : 06/15/2022 Last Posted : 06/15/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter	\$33.74		\$7.82	\$10.98	\$0.50	\$0.00	\$3.14	\$0.12	\$0.00	\$0.00	\$56.30	\$73.17
Apprentice	Percent											
1st 3 months	60.00	\$20.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20.24	\$30.37
2nd 3 months	60.00	\$20.24	\$7.82	\$0.00	\$0.50	\$0.00	\$0.00	\$0.12	\$0.00	\$0.00	\$28.68	\$38.81
2nd 6 months	60.00	\$20.24	\$7.82	\$0.00	\$0.50	\$0.00	\$0.00	\$0.12	\$0.00	\$0.00	\$28.68	\$38.81
3rd 6 months	60.00	\$20.24	\$7.82	\$0.00	\$0.50	\$0.00	\$0.00	\$0.12	\$0.00	\$0.00	\$28.68	\$38.81
4th 6 months	60.00	\$20.24	\$7.82	\$0.00	\$0.50	\$0.00	\$0.00	\$0.12	\$0.00	\$0.00	\$28.68	\$38.81
5th 6 months	70.00	\$23.62	\$7.82	\$7.69	\$0.50	\$0.00	\$2.20	\$0.12	\$0.00	\$0.00	\$41.95	\$53.76
6th 6 months	75.02	\$25.31	\$7.82	\$8.24	\$0.50	\$0.00	\$2.36	\$0.12	\$0.00	\$0.00	\$44.35	\$57.01
7th 6 months	80.00	\$26.99	\$7.82	\$8.78	\$0.50	\$0.00	\$2.51	\$0.12	\$0.00	\$0.00	\$46.72	\$60.22
8th 6 months	85.00	\$28.68	\$7.82	\$9.33	\$0.50	\$0.00	\$2.67	\$0.12	\$0.00	\$0.00	\$49.12	\$63.46

Special Calculation Note : *Other is International Training

Ratio :
2 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :
ASHTABULA, CUYAHOGA, GEAUGA, LAKE

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Floorlayer NE Zone 3

Change # : OCR01-2022sksLocNEZone3

Craft : Carpenter Effective Date : 06/15/2022 Last Posted : 06/15/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter Floorlayer	\$33.74		\$7.82	\$10.98	\$0.50	\$0.00	\$3.14	\$0.14	\$0.00	\$0.00	\$56.32	\$73.19
Apprentice	Percent											
1st 3 months	60.00	\$20.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20.24	\$30.37
2nd 3 months	60.00	\$20.24	\$7.82	\$0.00	\$0.50	\$0.00	\$0.00	\$0.14	\$0.00	\$0.00	\$28.70	\$38.83
2nd 6 months	60.00	\$20.24	\$7.82	\$0.00	\$0.50	\$0.00	\$0.00	\$0.14	\$0.00	\$0.00	\$28.70	\$38.83
3rd 6 months	60.00	\$20.24	\$7.82	\$0.00	\$0.50	\$0.00	\$0.00	\$0.14	\$0.00	\$0.00	\$28.70	\$38.83
4th 6 months	60.00	\$20.24	\$7.82	\$0.00	\$0.50	\$0.00	\$0.00	\$0.14	\$0.00	\$0.00	\$28.70	\$38.83
5th 6 months	70.00	\$23.62	\$7.82	\$7.69	\$0.50	\$0.00	\$2.20	\$0.14	\$0.00	\$0.00	\$41.97	\$53.78
6th 6 months	75.02	\$25.31	\$7.82	\$8.24	\$0.50	\$0.00	\$2.36	\$0.14	\$0.00	\$0.00	\$44.37	\$57.03
7th 6 months	80.00	\$26.99	\$7.82	\$8.78	\$0.50	\$0.00	\$2.51	\$0.14	\$0.00	\$0.00	\$46.74	\$60.24
8th 6 months	85.00	\$28.68	\$7.82	\$9.33	\$0.50	\$0.00	\$2.67	\$0.14	\$0.00	\$0.00	\$49.14	\$63.48

Special Calculation Note : *Other is International Training

Ratio :
2 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :
ASHTABULA, CUYAHOGA, GEAUGA, LAKE

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Insulation NE Zone 3

Change # : LCN01-2022sksLocNEZone3

Craft : Carpenter Effective Date : 06/15/2022 Last Posted : 06/15/2022

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Carpenter Insulation	\$26.99		\$7.82	\$10.98	\$0.50	\$0.00	\$3.14	\$0.12	\$0.00	\$0.00	\$49.55	\$63.04
Apprentice	Percent											
1st 3 months	50.00	\$13.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13.50	\$20.24
2nd 3 months	50.00	\$13.50	\$7.82	\$0.00	\$0.50	\$0.00	\$0.00	\$0.12	\$0.00	\$0.00	\$21.93	\$28.68
2nd 6 months	50.00	\$13.50	\$7.82	\$0.00	\$0.50	\$0.00	\$0.00	\$0.12	\$0.00	\$0.00	\$21.93	\$28.68
3rd 6 months	55.00	\$14.84	\$7.82	\$0.00	\$0.50	\$0.00	\$0.00	\$0.12	\$0.00	\$0.00	\$23.28	\$30.71
4th 6 months	60.00	\$16.19	\$7.82	\$0.00	\$0.50	\$0.00	\$0.00	\$0.12	\$0.00	\$0.00	\$24.63	\$32.73
5th 6 months	70.00	\$18.89	\$7.82	\$7.69	\$0.50	\$0.00	\$2.20	\$0.12	\$0.00	\$0.00	\$37.22	\$46.67
6th 6 months	75.00	\$20.24	\$7.82	\$8.24	\$0.50	\$0.00	\$2.36	\$0.12	\$0.00	\$0.00	\$39.28	\$49.40
7th 6 months	80.00	\$21.59	\$7.82	\$8.78	\$0.50	\$0.00	\$2.51	\$0.12	\$0.00	\$0.00	\$41.32	\$52.12
8th 6 months	85.00	\$22.94	\$7.82	\$9.33	\$0.50	\$0.00	\$2.67	\$0.12	\$0.00	\$0.00	\$43.38	\$54.85

Special Calculation Note : *Other is Training

Ratio :
2 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :
ASHTABULA, CUYAHOGA, GEAUGA, LAKE

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Millwright NE Zone M1

Change # : OCR02-2022sksLocNEZoneM1

Craft : Carpenter Effective Date : 06/29/2022 Last Posted : 06/29/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter Millwright	\$31.40		\$7.90	\$11.33	\$0.50	\$0.00	\$5.00	\$0.17	\$0.00	\$0.00	\$56.30	\$72.00
Certified Welder	\$32.40		\$7.90	\$11.33	\$0.50	\$0.00	\$5.00	\$0.17	\$0.00	\$0.00	\$57.30	\$73.50
Layout man on Monorail	\$33.15		\$7.90	\$11.33	\$0.50	\$0.00	\$5.00	\$0.17	\$0.00	\$0.00	\$58.05	\$74.62
Apprentice												
	Percent											
1st 6 months	60.00	\$18.84	\$7.90	\$11.33	\$0.50	\$0.00	\$5.00	\$0.17	\$0.00	\$0.00	\$43.74	\$53.16
2nd 6 months	60.00	\$18.84	\$7.90	\$11.33	\$0.50	\$0.00	\$5.00	\$0.17	\$0.00	\$0.00	\$43.74	\$53.16
3rd 6 months	62.00	\$19.47	\$7.90	\$11.33	\$0.50	\$0.00	\$5.00	\$0.17	\$0.00	\$0.00	\$44.37	\$54.10
4th 6 months	65.50	\$20.57	\$7.90	\$11.33	\$0.50	\$0.00	\$5.00	\$0.17	\$0.00	\$0.00	\$45.47	\$55.75
5th 6 months	69.00	\$21.67	\$7.90	\$11.33	\$0.50	\$0.00	\$5.00	\$0.17	\$0.00	\$0.00	\$46.57	\$57.40
6th 6 months	72.52	\$22.77	\$7.90	\$11.33	\$0.50	\$0.00	\$5.00	\$0.17	\$0.00	\$0.00	\$47.67	\$59.06
7th 6 months	76.00	\$23.86	\$7.90	\$11.33	\$0.50	\$0.00	\$5.00	\$0.17	\$0.00	\$0.00	\$48.76	\$60.70
8th 6 months	80.00	\$25.12	\$7.90	\$11.33	\$0.50	\$0.00	\$5.00	\$0.17	\$0.00	\$0.00	\$50.02	\$62.58

Special Calculation Note : Other is Training.

Ratio :

2 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHLAND, ASHTABULA, CUYAHOGA, ERIE, GEAUGA, HURON, LAKE, LORAIN, MEDINA, PORTAGE, RICHLAND, SUMMIT

Special Jurisdictional Note :

Details :

The term "Millwright and Machine Erectors" jurisdiction shall mean the unloading, hoisting, rigging, skidding, moving, dismantling, aligning, erecting, assembling, repairing, maintenance and adjusting of all structures, processing areas either under cover, under ground or elsewhere, required to process material, handle, manufacture or service, be it powered or receiving power manually, by steam, gas, electricity, gasoline, diesel, nuclear, solar, water, air or chemically, and in industries such as and including, which are identified for the purpose of description, but not limited to, the following: woodworking plants; canning industries; steel mills; coffee roasting plants; paper and pulp; cellophane; stone crushing; gravel and sand washing and handling; refineries; grain storage and handling; asphalt plants; sewage disposal; water plants; laundries; bakeries; mixing plants; can, bottle and bag packing plants; textile mills; paint mills; breweries; milk processing plants; power plants; aluminum processing or manufacturing plants; and amusement and entertainment fields. The installation of mechanical equipment in atomic energy plants; installation of reactors in power plants; installation of control rods and equipment in reactors; and installation of mechanical equipment in rocket missile bases, launchers, launching gantry, floating bases, hydraulic escape doors and any and all component parts thereto, either assembled, semi-assembled or disassembled. The installation of, but not limited to, the following: setting-up of all engines, motors, generators, air compressors, fans, pumps, scales, hoppers, conveyors of all types, sizes and their supports; escalators; man lifts; moving sidewalks; hoists; dumb waiters; all types of feeding machinery; amusement devices; mechanical pin setters and spotters in bowling alleys; refrigeration equipment; and the installation of all types of equipment necessary and required to process material either in the manufacturing or servicing. The handling and installation of pulleys, gears, sheaves, fly wheels, air and vacuum drives, worm drives and gear drives directly or indirectly coupled to motors, belts, chains, screws, legs, boots, guards, booth tanks, all bin valves, turn heads and indicators, shafting, bearings, cable sprockets, cutting all key seats in new and old work, troughs, chippers, filters, calendars, rolls, winders, rewinders, slitters, cutters, wrapping machines, blowers, forging machines, rams, hydraulic or otherwise, planing, extruder, ball, dust collectors, equipment in meat packing plants, splicing of ropes and cables. The laying-out, fabrication and installation of protection equipment including machinery guards, making and setting of templates for machinery, fabrication of bolts, nuts, pans, drilling of holes for any equipment which the Millwrights install regardless of materials; all welding and burning regardless of type, fabrication of all lines, hose or tubing used in lubricating machinery installed by Millwrights; grinding, cleaning, servicing and any machine work necessary for any part of any equipment installed by the Millwrights; and the break-in and trial run of any equipment or machinery installed by the Millwrights. It is agreed the Millwrights shall use the layout tools and optic equipment necessary to perform their work.

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter NE District Industrial Dock & Door

Change # : LCN01-2014fbCarpNEStatewide

Craft : Carpenter Effective Date : 03/05/2014 Last Posted : 03/05/2014

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter	\$19.70		\$5.05	\$1.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.90	\$35.75
Trainee	Percent											
1st Year	60.00	\$11.82	\$5.05	\$1.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.02	\$23.93
2nd Year	80.20	\$15.80	\$5.05	\$1.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.00	\$29.90

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio :

1 Journeymen to 1 Trainee

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note : Industrial Dock and Door is the installation of overhead doors, roll up doors and dock leveling equipment

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Pile Driver NE Zone P1

Change # : OCR01-2022sksLocNEZoneP1

Craft : Carpenter Effective Date : 06/15/2022 Last Posted : 06/15/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter Pile Driver	\$31.68		\$7.84	\$11.33	\$0.50	\$0.00	\$4.78	\$0.17	\$0.00	\$0.00	\$56.30	\$72.14
Diver	\$47.52		\$7.84	\$11.33	\$0.50	\$0.00	\$4.78	\$0.17	\$0.00	\$0.00	\$72.14	\$95.90
Certified Welder	\$32.73		\$7.84	\$11.33	\$0.50	\$0.00	\$4.78	\$0.17	\$0.00	\$0.00	\$57.35	\$73.71
Apprentice	Percent											
1st 6 months	60.00	\$19.01	\$7.84	\$11.33	\$0.50	\$0.00	\$4.78	\$0.17	\$0.00	\$0.00	\$43.63	\$53.13
2nd 6 months	60.00	\$19.01	\$7.84	\$11.33	\$0.50	\$0.00	\$4.78	\$0.17	\$0.00	\$0.00	\$43.63	\$53.13
3rd 6 months	62.00	\$19.64	\$7.84	\$11.33	\$0.50	\$0.00	\$4.78	\$0.17	\$0.00	\$0.00	\$44.26	\$54.08
4th 6 months	65.50	\$20.75	\$7.84	\$11.33	\$0.50	\$0.00	\$4.78	\$0.17	\$0.00	\$0.00	\$45.37	\$55.75
5th 6 months	69.00	\$21.86	\$7.84	\$11.33	\$0.50	\$0.00	\$4.78	\$0.17	\$0.00	\$0.00	\$46.48	\$57.41
6th 6 months	72.50	\$22.97	\$7.84	\$11.33	\$0.50	\$0.00	\$4.78	\$0.17	\$0.00	\$0.00	\$47.59	\$59.07
7th 6 months	76.00	\$24.08	\$7.84	\$11.33	\$0.50	\$0.00	\$4.78	\$0.17	\$0.00	\$0.00	\$48.70	\$60.74
8th 6 months	80.00	\$25.34	\$7.84	\$11.33	\$0.50	\$0.00	\$4.78	\$0.17	\$0.00	\$0.00	\$49.96	\$62.64

Special Calculation Note : *Other is Training

Ratio :

2 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHLAND, ASHTABULA, CUYAHOGA, ERIE, GEAUGA, HURON, LAKE, LORAIN, MEDINA, PORTAGE, RICHLAND, SUMMIT

Special Jurisdictional Note :

Details :

Pile Drivers duties shall include but not limited to: Pile driving, milling, fashioning, joining assembling, erecting, fastening, or dismantling of all material of wood, plastic, metal, fiber, cork and composition and all other substitute materials: pile driving, cutting, fitting and placing of lagging, and the handling, cleaning, erecting, installing and dismantling of machinery, equipment and erecting pre-engineered metal buildings. Pile Drivers work but not limited to: unloading, assembling, erection, repairs, operation, signaling, dismantling and reloading all equipment that is used for pile driving including pile butts is defined as sheeting or scrap piling. Underwater work that may be required in connection with the installation of piling. The driver and his tender work as a team and shall arrive at their own financial arrangements with the contractor. Any configuration of wood, steel, concrete or composite that is jetted, driven or vibrated onto the ground by conventional pile

driving equipment for the purpose of supporting a future load that may be permanent or temporary. The construction of all wharves and docks, including the fabrication and installation of floating docks. Driving bracing, plumbing, cutting off and capping of all piling whether wood, metal, pipe piling or composite, loading, unloading, erecting, framing, dismantling, moving and handling of pile driving equipment piling used in the construction and repair of all wharves, docks, piers, trestles, caissons, cofferdams and erection of all sea walls and breakwaters. All underwater and marine work on bulkheads, wharves, docks, shipyards, caissons, piers, bridges, pipeline, work, viaducts, marine cable and trestles, as well as salvage and reclamation work where divers are employed. Rate shall include carpenters, acoustic and ceiling installers, drywall installers, pile drivers and floorlayers.

Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Bricklayer Local 97 HevHwy A

Change # : LCN01-2022sksHvyHwy

Craft : Bricklayer Effective Date : 06/08/2022 Last Posted : 06/08/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Cement Mason Bricklayer Sewer Water Works A	\$31.40		\$9.75	\$8.30	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49.95	\$65.65
Apprentice	Percent											
1st year	70.00	\$21.98	\$9.75	\$8.30	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.53	\$51.52
2nd year	80.00	\$25.12	\$9.75	\$8.30	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.67	\$56.23
3rd year	90.00	\$28.26	\$9.75	\$8.30	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.81	\$60.94

Special Calculation Note : NOT FOR BUILDING CONSTRUCTION.

Ratio :

- 3 Journeymen to 1 Apprentice
- 6 Journeymen to 2 Apprentice
- 9 Journeymen to 3 Apprentice
- 12 Journeymen to 4 Apprentice
- 15 Journeymen to 5 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

- ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN

WERT, VINTON, WARREN, WASHINGTON,
WAYNE

Special Jurisdictional Note :

Details :

(A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site Heavy Construction, Airport Construction Or Railroad Construction Work.

(B) Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control,Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.

Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Bricklayer Local 97 HevHwy B

Change # : LCN01-2022sksHvyHwy

Craft : Bricklayer Effective Date : 06/08/2022 Last Posted : 06/08/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)		
Classification											
Cement Mason Bricklayer Power Plants Tunnels Amusement Parks B	\$32.39	\$9.75	\$8.30	\$0.51	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.95	\$67.15
Apprentice	Percent										
1st year	70.00	\$22.67	\$9.75	\$8.30	\$0.51	\$0.00	\$0.00	\$0.00	\$0.00	\$41.23	\$52.57
2nd year	80.00	\$25.91	\$9.75	\$8.30	\$0.51	\$0.00	\$0.00	\$0.00	\$0.00	\$44.47	\$57.43
3rd year	90.00	\$29.15	\$9.75	\$8.30	\$0.51	\$0.00	\$0.00	\$0.00	\$0.00	\$47.71	\$62.29

Special Calculation Note : NOT FOR BUILDING CONSTRUCTION.

Ratio :

- 3 Journeymen to 1 Apprentice
- 6 Journeymen to 2 Apprentice
- 9 Journeymen to 2 Apprentice
- 12 Journeymen to 4 Apprentice
- 15 Journeymen to 5 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

- ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT,

TRUMBULL, TUSCARAWAS, UNION, VAN
WERT, VINTON, WARREN, WASHINGTON,
WAYNE

Special Jurisdictional Note :

Details :

(A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site Heavy Construction, Airport Construction Or Railroad Construction Work.

(B) Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control,Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.

Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Local 404

Change # : LCN01-2021sksLoc404

Craft : Cement Effective Date : 08/25/2021 Last Posted : 08/25/2021

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Cement Mason	\$32.75		\$8.80	\$6.80	\$0.50	\$0.00	\$5.33	\$0.20	\$0.00	\$0.07	\$54.45	\$70.82
Apprentice	Percent											
1st yr	58.15	\$19.04	\$8.80	\$6.80	\$0.50	\$0.00	\$2.67	\$0.20	\$0.00	\$0.07	\$38.08	\$47.61
2nd yr	73.13	\$23.95	\$8.80	\$6.80	\$0.50	\$0.00	\$2.67	\$0.20	\$0.00	\$0.07	\$42.99	\$54.97
3rd yr	83.10	\$27.22	\$8.80	\$6.80	\$0.50	\$0.00	\$2.67	\$0.20	\$0.00	\$0.07	\$46.26	\$59.86
4th yr	98.15	\$32.14	\$8.80	\$6.80	\$0.50	\$0.00	\$2.67	\$0.20	\$0.00	\$0.07	\$51.18	\$67.26

Special Calculation Note : Other is Training Fund

Ratio :

5 Journeymen to 1 Apprentice
2 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE,
LORAIN

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Statewide HevHwy Exhibit B District I

Change # : OCR01-2022sksCementHevHwy

Craft : Cement Mason Effective Date : 05/05/2022 Last Posted : 05/05/2022

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Cement Mason	\$33.99		\$8.45	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$52.76	\$69.75
Apprentice Percent												
1st Year	70.00	\$23.79	\$8.45	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$42.56	\$54.46
2nd Year	80.00	\$27.19	\$8.45	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$45.96	\$59.56
3rd Year	90.00	\$30.59	\$8.45	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$49.36	\$64.66

Special Calculation Note : Other \$0.07 is for International Training Fund

Ratio :

1 Journeymen to 1 Apprentice
2 to 1 thereafter

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, FULTON, GEAUGA,
HANCOCK, HENRY, LAKE, LUCAS, PUTNAM,
WOOD

Special Jurisdictional Note : (B) Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work, Pollution Control, Sewer Plant, Waste Plant & Water Treatment Facilities, Construction

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 673 Inside

Change # : LCN01-2022sksLoc673in

Craft : **Electrical** Effective Date : **02/16/2022** Last Posted : **02/16/2022**

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Electrician	\$34.49		\$7.28	\$9.51	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$57.34	\$74.58
Welders	\$37.88		\$7.28	\$9.61	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$60.83	\$79.77
Apprentice	Percent											
1st Period	40.00	\$13.80	\$7.28	\$0.41	\$0.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.09	\$28.98
2nd Period	45.00	\$15.52	\$7.28	\$0.46	\$0.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23.86	\$31.62
3rd Period	50.00	\$17.25	\$7.28	\$8.99	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$39.58	\$48.20
4th Period	60.00	\$20.69	\$7.28	\$9.10	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$43.13	\$53.48
5th Period	70.00	\$24.14	\$7.28	\$9.20	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$46.68	\$58.75
6th Period	85.00	\$29.32	\$7.28	\$9.35	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$52.01	\$66.66

Special Calculation Note : Pension calculation for journeymen shall be \$6.98 per hour paid plus 3% of gross. Pension calculation for Apprentices is equal to 3% for first two years.
No deduction for Annuity or Pension at first an second period Apprentice

Ratio :

The first person assigned to a job site shall be a Journeyman Wireman. Each job site shall be allowed a ratio of 2 Apprentice for every 3 Journeyman Wireman or fraction thereof:
1 to 3 Journeymen to 2 Apprentices
4 to 6 Journeymen to 4 Apprentices
7 to 9 Journeymen to 6 Apprentices

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA*, GEAUGA*, LAKE

Special Jurisdictional Note : The following townships In Ashtabula County are EXCLUDED: Orwell, Colebrook, Williamsfield, Wayne and Windsor.

In Geauga County the following townships are INCLUDED: Burton, Chardon, Claridon, Hambden, Huntsburg, Montville, Munson, Newbury and Thompson.

Details :

High Pay: 45 feet above ground or floor shall be paid \$2.00 over Journeyman Scale.
If required to climb on steel, potain crane, etc., that is High Time.

NOTE: If approved scaffolding with handrails, toe boards, netting, bucket trucks, JLG, decks with proper

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 673 Inside Lt Commercial Northern

Change # : LCN01-2022sksLoc673in

Craft : Electrical Effective Date : 02/23/2022 Last Posted : 02/23/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrician	\$34.49		\$7.28	\$9.51	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$57.34	\$74.58
Welder	\$37.88		\$7.28	\$9.61	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$60.83	\$79.77
CE-3 12,001- 14,000 Hrs	\$26.88		\$6.47	\$0.80	\$0.87	\$0.00	\$0.80	\$0.10	\$0.00	\$0.00	\$35.92	\$49.36
CE-2 10,001- 12,000 Hrs	\$21.12		\$6.47	\$0.63	\$0.87	\$0.00	\$0.63	\$0.10	\$0.00	\$0.00	\$29.82	\$40.38
CE-1 8,001- 10,000 Hrs	\$19.20		\$6.47	\$0.57	\$0.87	\$0.00	\$0.57	\$0.10	\$0.00	\$0.00	\$27.78	\$37.38
CW-4 6,001- 8,000 Hrs	\$17.28		\$6.47	\$0.51	\$0.87	\$0.00	\$0.51	\$0.10	\$0.00	\$0.00	\$25.74	\$34.38
CW-3 4,001- 6,000 Hrs	\$15.36		\$6.47	\$0.46	\$0.87	\$0.00	\$0.46	\$0.10	\$0.00	\$0.00	\$23.72	\$31.40
CW-2 2,001- 4,000 Hrs	\$14.40		\$6.47	\$0.43	\$0.87	\$0.00	\$0.43	\$0.10	\$0.00	\$0.00	\$22.70	\$29.90
CW-1 0- 2,000 Hrs	\$13.44		\$6.47	\$0.40	\$0.87	\$0.00	\$0.40	\$0.10	\$0.00	\$0.00	\$21.68	\$28.40
Apprentice	Percent											
1st 6 months	40.00	\$13.80	\$7.28	\$0.41	\$0.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.09	\$28.98
2nd 6 months	45.00	\$15.52	\$7.28	\$0.46	\$0.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23.86	\$31.62
2nd year	50.02	\$17.25	\$7.28	\$8.99	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$39.58	\$48.21
3rd year	60.00	\$20.69	\$7.28	\$9.10	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$43.13	\$53.48
4th year	70.00	\$24.14	\$7.28	\$9.20	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$46.68	\$58.75
5th year	85.00	\$29.32	\$7.28	\$9.35	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$52.01	\$66.66

Special Calculation Note : Other is Central Collection.

Ratio :

Jurisdiction (* denotes special jurisdictional

note) :

ASHTABULA*, GEAUGA*, LAKE

Each job site shall be allowed a ratio of
2 Apprentice for every 3
Journeymen Wireman or fraction thereof:
1 to 3 Journeymen to 2 Apprentices
4 to 6 Journeymen to 4 Apprentices
7 to 9 Journeymen to 6 Apprentices

Construction Electrician and Construction Wireman
Ratio

There shall be a minimum ratio of one inside
Journeyman Wireman to every (4) employees of
different classifications per jobsite. An Inside
Journeyman Wireman is required on the project as the
fifth (5th) worker or when apprentices are used

Special Jurisdictional Note : The following townships In Ashtabula County are EXCLUDED: Orwell,
Colebrook, Williamsfield, Wayne and Windsor.

In Geauga County the following townships are INCLUDED: Burton, Chardon, Claridon, Hambden,
Huntsburg, Montville, Munson, Newbury and Thompson.

The scope of work for the light commercial agreement shall apply to the following small medical
clinics, stand-alone doctor and dentist offices with up to 600 amp service (not attached to a hospital),
gas stations/convenience stores, fast food restaurants and franchised chain restaurants including
independent bars and taverns, places of worship, funeral homes, nursing homes, assisted living
facilities and day-care facilities under 15,000 sq ft, small office, retail/wholesale facilities under 15,000
sq ft with less than 10 units attached, storage units, car washes, express hotels and motels (4 stories
or less) without conference or restaurants facilities, residential units (subject to Davis Bacon Rates)
small stand-alone manufacturing facilities when free standing and not part of a larger facility (less than
15,000 sq ft) solar projects (500 panels or less) unless other wise covered under this agreement,
lighting retrofits (when not associated with remodels involving branch re-circuiting) Lighting retrofits
shall be defined as the changing of lamps and ballasts in existing light fixtures and shall also include
the one for one replacement of existing fixtures.

Details :

High Pay: 45 feet above ground or floor shall be paid \$2.00 over Journeyman Scale.
If required to climb on steel, potain crane, etc., that is High Time.

NOTE: If approved scaffolding with handrails, toe boards, netting, bucket trucks, JLG, decks with proper
handrails are used No High Time Shall be paid.

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 673 Lightning Rod

Change # : LCN01-2020fbLoc673

Craft : Electrical Effective Date : 07/30/2020 Last Posted : 07/30/2020

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Electrical Lightning Protection	\$30.44		\$7.50	\$0.91	\$0.00	\$2.84	\$1.83	\$0.00	\$0.00	\$0.00	\$43.52	\$58.74
Experience Level												
Lightning Protection Installer 1st day-6 months	50.00	\$15.22	\$7.50	\$0.46	\$0.00	\$0.41	\$0.92	\$0.00	\$0.00	\$0.00	\$24.51	\$32.12
Lightning Protection Installer 2nd 6 months	55.00	\$16.74	\$7.50	\$0.50	\$0.00	\$0.45	\$1.01	\$0.00	\$0.00	\$0.00	\$26.20	\$34.57
Lightning Protection Installer 3rd 6th months	60.00	\$18.26	\$7.50	\$0.55	\$0.00	\$0.89	\$1.10	\$0.00	\$0.00	\$0.00	\$28.30	\$37.44
Lightning Protection Installer 4th 6 months	65.00	\$19.79	\$7.50	\$0.59	\$0.00	\$0.97	\$1.19	\$0.00	\$0.00	\$0.00	\$30.04	\$39.93
Lightning Protection Installer 3rd Year	70.00	\$21.31	\$7.50	\$0.64	\$0.00	\$1.52	\$1.28	\$0.00	\$0.00	\$0.00	\$32.25	\$42.90
Lightning Protection Installer 4th Year	80.00	\$24.35	\$7.50	\$0.73	\$0.00	\$1.73	\$1.46	\$0.00	\$0.00	\$0.00	\$35.77	\$47.95
Lightning Protection Installer 5th Year	90.00	\$27.40	\$7.50	\$0.82	\$0.00	\$1.95	\$1.65	\$0.00	\$0.00	\$0.00	\$39.32	\$53.01

Special Calculation Note :

Ratio :

1- 3 Journeyman to 2 Apprentice
4-6 Journeyman to 4 Apprentice
7-9 Journeyman to 6 Apprentice

Special Jurisdictional Note :

Details :

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, GEAUGA, LAKE

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 673 Voice Data Video

Change # : LCN01-2020fbLoc673VDV

Craft : Voice Data Video Effective Date : 06/25/2020 Last Posted : 06/25/2020

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Electrical Installer Technician	\$27.30		\$10.38	\$0.82	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$40.46	\$54.11
Communication Technician	\$28.55		\$10.38	\$0.86	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$41.75	\$56.03
Senior Technician	\$29.55		\$10.38	\$0.89	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$42.78	\$57.56
Security Tech Level I	\$27.30		\$10.38	\$0.82	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$40.46	\$54.11
Security Tech Level II	\$28.55		\$10.38	\$0.86	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$41.75	\$56.03
Security Tech Level III	\$29.55		\$10.38	\$0.89	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$42.78	\$57.56
Audio Visual Tech Level I	\$27.30		\$10.38	\$0.82	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$40.46	\$54.11
Audio Visual Tech Level II	\$28.55		\$10.38	\$0.86	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$41.75	\$56.03
Audio Visual Tech Level III	\$29.55		\$10.38	\$0.89	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$42.78	\$57.56
Apprentice	Percent											
1st 6 Months	55.00	\$15.02	\$10.38	\$0.45	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$27.81	\$35.31
2nd 6 Months	65.00	\$17.75	\$10.38	\$0.53	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$30.62	\$39.49
2nd yr	75.00	\$20.48	\$10.38	\$0.61	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$33.43	\$43.66
3rd yr	80.00	\$21.84	\$10.38	\$0.66	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$34.84	\$45.76
4th yr	85.00	\$23.20	\$10.38	\$0.70	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$36.25	\$47.85
5th yr	90.00	\$24.57	\$10.38	\$0.74	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$37.65	\$49.94

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio :

1 to 3 Journeyman to 2 Apprentice
4 to 6 Journeyman to 4 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA*, GEAUGA*, LAKE

7 to 9 Journeyman to 6 Apprentices

Special Jurisdictional Note : In Ashtabula County the following townships are excluded: (Orwell, Colebrook, Williamsfield, Wayne and Windsor). In Geauga County the following townships are included: (Burton, Chardon, Claridon, Hambden, Huntsburg, Montville, Munson, Newbury and Thompson)

Details :

The following work is EXCLUDED from the Teledata Technician work scope:

The installation of computer systems in industrial applications such as assembly lines, robotics, computer controller manufacturing systems.

The installation of conduit and/ or raceways shall be installed by Inside Wireman . On sites where there is no Inside Wireman employed, the Teledata Technician may install raceway, or conduit not greater than 10 ft.

Fire Alarm work is excluded on all new construction sites or wherever the fire alarm system is installed in conduit

All HVAC control work.

*Installer Technician: Successful completion of the Installer/Technician Apprenticeship Program or have been certified by the IBEW/NECA Joint Apprenticeship and Training Program as an Installer/Technician.

*Communications Technician: At least 2 years experience as a Installer/Technician and a minimum of 12 hours continuous related education or have been certified by an IBEW/NECA Joint Apprenticeship Training Program as a Communication Technician.

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71
DOT Traffic Signal Highway Lighting Cleveland

Change # : LCN1-2021fbLoc71DOTClev

Craft : Lineman Effective Date : 03/16/2021 Last Posted : 03/16/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrical Lineman	\$38.33		\$6.75	\$1.15	\$0.38	\$0.00	\$8.05	\$0.00	\$0.00	\$0.00	\$54.66	\$73.82
Traffic Signal & Lighting Journeyman	\$38.33		\$6.75	\$1.15	\$0.38	\$0.00	\$8.05	\$0.00	\$0.00	\$0.00	\$54.66	\$73.82
Equipment Operator	\$34.49		\$6.75	\$1.03	\$0.34	\$0.00	\$7.24	\$0.00	\$0.00	\$0.00	\$49.85	\$67.09
Groundman 0 to 1 Year	\$23.00		\$6.75	\$0.69	\$0.23	\$0.00	\$4.83	\$0.00	\$0.00	\$0.00	\$35.50	\$47.00
Groundman 1 Year or more	\$26.83		\$6.75	\$0.80	\$0.27	\$0.00	\$5.63	\$0.00	\$0.00	\$0.00	\$40.28	\$53.70
Traffic Apprentice	Percent											
1st 1,000 Hours	60.00	\$23.00	\$6.75	\$0.69	\$0.23	\$0.00	\$4.83	\$0.00	\$0.00	\$0.00	\$35.50	\$47.00
2nd 1,000 Hours	65.00	\$24.91	\$6.75	\$0.75	\$0.25	\$0.00	\$5.23	\$0.00	\$0.00	\$0.00	\$37.89	\$50.35
3rd 1,000 Hours	70.01	\$26.83	\$6.75	\$0.80	\$0.27	\$0.00	\$5.63	\$0.00	\$0.00	\$0.00	\$40.28	\$53.70
4th 1,000 Hours	75.00	\$28.75	\$6.75	\$0.86	\$0.29	\$0.00	\$6.04	\$0.00	\$0.00	\$0.00	\$42.69	\$57.06
5th 1,000 Hours	80.00	\$30.66	\$6.75	\$0.92	\$0.31	\$0.00	\$6.44	\$0.00	\$0.00	\$0.00	\$45.08	\$60.42
6th 1,000 Hours	90.00	\$34.50	\$6.75	\$1.04	\$0.35	\$0.00	\$7.25	\$0.00	\$0.00	\$0.00	\$49.89	\$67.14

Special Calculation Note :

Ratio :

1 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN

Special Jurisdictional Note :

Details :

A groundman when directed shall assist a Journeymen in the performance of his/her work on the ground, including the use of hand tools. Under no circumstances shall this classification climb poles, towers, ladders, or work from an elevated platform or bucket truck. This classification shall not perform work normally assigned to an apprentice lineman. There shall be no more than one (1) Groundman for each two (2) Journeyman except when performing DOT Traffic Signal or Highway lighting work where the ratio can be two (2) Groundman for each Journeyman or Operator.

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 Cleveland Commercial Projects

Change # : LCN1-2021fbLoc71Clev

Craft : Lineman Effective Date : 03/16/2021 Last Posted : 03/16/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrical Lineman	\$50.76		\$6.75	\$1.52	\$0.51	\$0.00	\$11.67	\$0.40	\$0.00	\$0.00	\$71.61	\$96.99
Cable Splicer	\$50.76		\$6.75	\$1.52	\$0.50	\$0.00	\$10.67	\$0.40	\$0.00	\$0.00	\$70.60	\$95.98
Equip. Operator	\$45.68		\$6.75	\$1.37	\$0.46	\$0.00	\$10.51	\$0.40	\$0.00	\$0.00	\$65.17	\$88.01
Groundman 0 to 12 months	\$30.46		\$6.75	\$0.91	\$0.30	\$0.00	\$7.01	\$0.40	\$0.00	\$0.00	\$45.83	\$61.06
Groundman 1 year plus	\$35.53		\$6.75	\$1.07	\$0.36	\$0.00	\$8.17	\$0.40	\$0.00	\$0.00	\$52.28	\$70.04
Apprentice Linemen	Percent											
1st 1000 Hrs	60.00	\$30.46	\$6.75	\$0.91	\$0.30	\$0.00	\$7.01	\$0.40	\$0.00	\$0.00	\$45.83	\$61.05
2nd 1000 Hrs	65.00	\$32.99	\$6.75	\$0.99	\$0.33	\$0.00	\$7.59	\$0.40	\$0.00	\$0.00	\$49.05	\$65.55
3rd 1000 Hrs	70.00	\$35.53	\$6.75	\$1.07	\$0.36	\$0.00	\$8.17	\$0.40	\$0.00	\$0.00	\$52.28	\$70.05
4th 1000 Hrs	75.00	\$38.07	\$6.75	\$1.14	\$0.38	\$0.00	\$8.76	\$0.40	\$0.00	\$0.00	\$55.50	\$74.54
5th 1000 Hrs	80.00	\$40.61	\$6.75	\$1.22	\$0.41	\$0.00	\$9.34	\$0.40	\$0.00	\$0.00	\$58.73	\$79.03
6th 1000 Hrs	85.00	\$43.15	\$6.75	\$1.29	\$0.43	\$0.00	\$9.92	\$0.40	\$0.00	\$0.00	\$61.94	\$83.51
7th 1000 Hrs	90.00	\$45.68	\$6.75	\$1.37	\$0.46	\$0.00	\$10.51	\$0.40	\$0.00	\$0.00	\$65.17	\$88.02

Special Calculation Note : Other is Health Reimbursement Account

Ratio :

1 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN

Special Jurisdictional Note :

Details :

A groundman when directed shall assist a Journeymen in the performance of his/her work on the ground, including the use of hand tools. Under no circumstances shall this classification climb poles, towers, ladders, or work from an elevated platform or bucket truck. This classification shall not perform work normally assigned to an apprentice lineman. There shall be no more than one (1) Groundman for each two (2) Journeyman except when performing DOT Traffic Signal or Highway lighting work where the ratio can be two (2) Groundman for each Journeyman or Operator.

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 Cleveland Municipal Power & Transit

Change # : LCON1-2021fbLoc71Clev

Craft : Lineman Effective Date : 03/16/2021 Last Posted : 03/16/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrical Lineman	\$47.73		\$6.75	\$1.43	\$0.48	\$0.00	\$10.50	\$0.40	\$0.00	\$0.00	\$67.29	\$91.16
Cable Splicer	\$47.73		\$6.75	\$1.43	\$0.48	\$0.00	\$10.50	\$0.40	\$0.00	\$0.00	\$67.29	\$91.16
Equip. Operator	\$42.96		\$6.75	\$1.29	\$0.43	\$0.00	\$9.45	\$0.40	\$0.00	\$0.00	\$61.28	\$82.76
Groundman 0 to 12 months	\$28.64		\$6.75	\$0.86	\$0.29	\$0.00	\$6.30	\$0.40	\$0.00	\$0.00	\$43.24	\$57.56
Groundman 1 Year or More	\$33.41		\$6.75	\$1.00	\$0.33	\$0.00	\$7.35	\$0.40	\$0.00	\$0.00	\$49.24	\$65.94
Apprentice Linemen	Percent											
1st 1000 Hrs	60.00	\$28.64	\$6.75	\$0.86	\$0.29	\$0.00	\$6.30	\$0.40	\$0.00	\$0.00	\$43.24	\$57.56
2nd 1000 Hrs	65.00	\$31.02	\$6.75	\$0.93	\$0.31	\$0.00	\$6.82	\$0.40	\$0.00	\$0.00	\$46.23	\$61.75
3rd 1000 Hrs	70.00	\$33.41	\$6.75	\$1.00	\$0.33	\$0.00	\$7.35	\$0.40	\$0.00	\$0.00	\$49.24	\$65.95
4th 1000 Hrs	75.00	\$35.80	\$6.75	\$1.07	\$0.36	\$0.00	\$7.88	\$0.40	\$0.00	\$0.00	\$52.26	\$70.16
5th 1000 Hrs	80.00	\$38.18	\$6.75	\$1.15	\$0.38	\$0.00	\$8.40	\$0.40	\$0.00	\$0.00	\$55.26	\$74.36
6th 1000 Hrs	85.00	\$40.57	\$6.75	\$1.22	\$0.41	\$0.00	\$8.93	\$0.40	\$0.00	\$0.00	\$58.28	\$78.57
7th 1000 Hrs	90.00	\$42.96	\$6.75	\$1.29	\$0.43	\$0.00	\$9.45	\$0.40	\$0.00	\$0.00	\$61.28	\$82.76

Special Calculation Note : Other is Health Reimbursement Account

Ratio :

1 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN

Special Jurisdictional Note :**Details :**

A groundman when directed shall assist a Journeymen in the performance of his/her work on the ground, including the use of hand tools. Under no circumstances shall this classification climb poles, towers, ladders, or work from an elevated platform or bucket truck. This classification shall not perform work normally assigned to an apprentice lineman. There shall be no more than one (1) Groundman for each two (2) Journeyman except when performing DOT Traffic Signal or Highway lighting work where the ratio can be two (2) Groundman for each Journeyman or Operator.

Prevailing Wage Rate

Skilled Crafts

Name of Union: Electrical Local 71 High Tension Pipe Type Cable

Change # : LCN01-2021fbLoc7

Craft : Lineman Effective Date : 03/16/2021 Last Posted : 03/16/2021

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Electrical Lineman	\$45.61	\$6.75	\$1.37	\$0.46	\$0.00	\$10.95	\$0.60	\$0.00	\$0.00	\$65.74	\$88.54
Certified Lineman Welder	\$45.61	\$6.75	\$1.37	\$0.46	\$0.00	\$10.95	\$0.60	\$0.00	\$0.00	\$65.74	\$88.54
Certified Cable Splicer	\$45.61	\$6.75	\$1.37	\$0.46	\$0.00	\$10.95	\$0.60	\$0.00	\$0.00	\$65.74	\$88.54
Operator A	\$40.88	\$6.75	\$1.23	\$0.41	\$0.00	\$9.81	\$0.60	\$0.00	\$0.00	\$59.68	\$80.12
Operator B	\$36.20	\$6.75	\$1.09	\$0.36	\$0.00	\$8.69	\$0.60	\$0.00	\$0.00	\$53.69	\$71.79
Operator C	\$29.12	\$6.75	\$0.87	\$0.29	\$0.00	\$6.99	\$0.60	\$0.00	\$0.00	\$44.62	\$59.18
Groundman 0-12 months Exp	\$22.81	\$6.75	\$0.68	\$0.23	\$0.00	\$5.47	\$0.60	\$0.00	\$0.00	\$36.54	\$47.94
Groundman 0-12 months Exp w/CDL	\$25.09	\$6.75	\$0.75	\$0.25	\$0.00	\$6.02	\$0.60	\$0.00	\$0.00	\$39.46	\$52.01
Groundman 1 yr or more	\$25.09	\$6.75	\$0.75	\$0.25	\$0.00	\$6.02	\$0.60	\$0.00	\$0.00	\$39.46	\$52.01
Groundman 1 yr or more w/CDL	\$29.65	\$6.75	\$0.85	\$0.28	\$0.00	\$6.50	\$0.60	\$0.00	\$0.00	\$44.63	\$59.46
Equipment Mechanic A	\$36.20	\$6.75	\$1.09	\$0.36	\$0.00	\$8.69	\$0.60	\$0.00	\$0.00	\$53.69	\$71.79
Equipment Mechanic B	\$32.66	\$6.75	\$0.98	\$0.33	\$0.00	\$7.84	\$0.60	\$0.00	\$0.00	\$49.16	\$65.49
Equipment Mechanic C	\$29.12	\$6.75	\$0.87	\$0.29	\$0.00	\$6.99	\$0.60	\$0.00	\$0.00	\$44.62	\$59.18
X-Ray Technician	\$45.61	\$6.75	\$1.37	\$0.46	\$0.00	\$10.95	\$0.60	\$0.00	\$0.00	\$65.74	\$88.54

Apprentice	Percent											
1st 1000 hrs	60.00	\$27.37	\$6.75	\$0.82	\$0.27	\$0.00	\$6.57	\$0.60	\$0.00	\$0.00	\$42.38	\$56.06
2nd 1000 hrs	65.00	\$29.65	\$6.75	\$0.89	\$0.30	\$0.00	\$7.12	\$0.60	\$0.00	\$0.00	\$45.31	\$60.13
3rd 1000 hrs	70.00	\$31.93	\$6.75	\$0.96	\$0.32	\$0.00	\$7.66	\$0.60	\$0.00	\$0.00	\$48.22	\$64.18
4th 1000 hrs	75.00	\$34.21	\$6.75	\$1.03	\$0.34	\$0.00	\$8.21	\$0.60	\$0.00	\$0.00	\$51.14	\$68.24
5th 1000 hrs	80.00	\$36.49	\$6.75	\$1.09	\$0.36	\$0.00	\$8.76	\$0.60	\$0.00	\$0.00	\$54.05	\$72.29
6th 1000 hrs	85.00	\$38.77	\$6.75	\$1.16	\$0.39	\$0.00	\$9.30	\$0.60	\$0.00	\$0.00	\$56.97	\$76.35
7th 1000 hrs	90.00	\$41.05	\$6.75	\$1.23	\$0.41	\$0.00	\$9.85	\$0.60	\$0.00	\$0.00	\$59.89	\$80.41

Special Calculation Note : Other is Health Retirement Account

Operator "A"

John Henry Rock Drill, D-6 (or equivalent) and above, Trackhoe Digger, (320 Track excavator), Cranes (greater then 25 tons and less than 45 tons).

Operator "B"

Cranes (greater than 6 tons and up to 25 tons), Backhoes, Road Tractor, Dozer up to D-5, Pressure Digger- wheeled or tracked, all Tension wire Stringing equipment.

Operator "C"

Trench, Backhoe, Riding type vibratory Compactor, Ground Rod Driver, Boom Truck (6 ton & below), Skid Steer Loaders, Material Handler.

*All Operators of cranes 45 ton or larger shall be paid the journeyman rate of pay. \$0.30 is for Health Retirement Account.

Ratio :

1 Journeyman to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARRISON, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, RICHLAND, ROSS, SCIOTO, SHELBY, STARK, SUMMIT, TRUMBULL,

TUSCARAWAS, UNION, VINTON, WARREN,
WASHINGTON, WAYNE

Special Jurisdictional Note :

Details :

Heli - Arc Welding will be paid \$.30 above Journeyman rate. Additional compensation of 10% over the Journeyman Lineman and Journeyman Technician for performing work on structures outside of buildings such as water towers, smoke stacks, radio and television towers, more than 75' above the ground.

1st 1000 hrs	60.00	\$25.93	\$6.75	\$0.78	\$0.26	\$0.00	\$6.22	\$0.60	\$0.00	\$0.00	\$40.54	\$53.51
2nd 1000 hrs	65.00	\$28.09	\$6.75	\$0.84	\$0.28	\$0.00	\$6.74	\$0.60	\$0.00	\$0.00	\$43.30	\$57.35
3rd 1000 hrs	70.00	\$30.25	\$6.75	\$0.91	\$0.30	\$0.00	\$7.26	\$0.60	\$0.00	\$0.00	\$46.07	\$61.20
4th 1000 hrs	75.00	\$32.42	\$6.75	\$0.97	\$0.32	\$0.00	\$7.78	\$0.60	\$0.00	\$0.00	\$48.84	\$65.04
5th 1000 hrs	80.00	\$34.58	\$6.75	\$1.04	\$0.35	\$0.00	\$8.30	\$0.60	\$0.00	\$0.00	\$51.62	\$68.90
6th 1000 hrs	85.00	\$36.74	\$6.75	\$1.10	\$0.37	\$0.00	\$8.82	\$0.60	\$0.00	\$0.00	\$54.38	\$72.75
7th 1000 hrs	90.00	\$38.90	\$6.75	\$1.17	\$0.39	\$0.00	\$9.34	\$0.60	\$0.00	\$0.00	\$57.15	\$76.60

Special Calculation Note : Other is Health Retirement Account

Operator "A"

John Henry Rock Drill, D-6 (or equivalent) and above, Trackhoe Digger, (320 Track excavator), Cranes (greater then 25 tons and less than 45 tons).

Operator "B"

Cranes (greater than 6 tons and up to 25 tons), Backhoes, Road Tractor, Dozer up to D-5, Pressure Digger- wheeled or tracked, all Tension wire Stringing equipment.

Operator "C"

Trench, Backhoe, Riding type vibratory Compactor, Ground Rod Driver, Boom Truck (6 ton & below), Skid Steer Loaders, Material Handler.

Ratio :

(1) Journeyman Lineman to (1) Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARRISON, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, RICHLAND, ROSS, SCIOTO, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note : 0.30 is for Health Retirement Account.

Details :

Heli - Arc Welding will be paid \$.30 above Journeyman rate. Additional compensation of 10% over the Journeyman Lineman and Journeyman Technician for performing work on structures outside of buildings such

as water towers, smoke stacks, radio and television towers, more than 75' above the ground.

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 Voice Data Video Outside

Change # : LCR01-2017fbLoc71VDV

Craft : Voice Data Video Effective Date : 10/18/2017 Last Posted : 10/18/2017

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Electrical Installer Technician I	\$23.46	\$5.50	\$0.70	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$29.96	\$41.69
Installer Technician II	\$22.37	\$5.50	\$0.67	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$28.84	\$40.03
Equipment Operator I	\$22.37	\$5.50	\$0.67	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$28.84	\$40.03
Equipment Operator II	\$18.43	\$5.50	\$0.55	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$24.78	\$33.99
Installer/Repair Outside	\$22.37	\$5.50	\$0.67	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$28.84	\$40.03
Ground Driver W/CDL	\$15.83	\$5.50	\$0.47	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$22.10	\$30.01
Groundman	\$13.24	\$5.50	\$0.40	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$19.44	\$26.06
Cable Splicer	\$23.46	\$5.50	\$0.70	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$29.96	\$41.69

Special Calculation Note :

Ratio :

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARRISON, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE,

MONTGOMERY, MORGAN, MORROW,
MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE,
PORTAGE, PREBLE, RICHLAND, ROSS, SCIOTO,
SHELBY, STARK, SUMMIT, TRUMBULL,
TUSCARAWAS, UNION, VINTON, WARREN,
WASHINGTON, WAYNE

Special Jurisdictional Note :

Details :

Cable Splicer: Inspect and test lines or cables, analyze results, and evaluate transmission characteristics. Cover conductors with insulation or seal splices with moisture-proof covering. Install, splice, test, and repair cables using tools or mechanical equipment. This will include the splicing of fiber.

Journeyman Technician I: Must know all aspects of telephone and cable work. This is to include aerial, underground, and manhole work. Must know how to climb and run bucket. Must have all the tools required to perform these tasks. Must be able to be responsible for the safety of the crew at all times. Must also have CDL license and have at least 5 years experience.

Installer/Repairman: Perform tasks of repairing, installing, and testing phone and CATV services.

Technician II: Have at least three years of telephone and CATV experience. Must have the knowledge of underground, aerial, and manhole work. Must be able to climb and operate bucket. Must have CDL. Must have all tools needed to perform these tasks.

Equipment Operator I: Able to operate a digger derrick or bucket truck. Have at least 5 years of experience and must have a valid CDL license.

Equipment Operator II: Able to operate a digger derrick or bucket truck. Have at least 3 years of experience and must have a valid CDL license.

Groundman W/CDL: Must have a valid CDL license and be able to perform tasks such as: climbing poles, pulling downguys, making up material, and getting appropriate tools for the job. Must have at least 5 year's experience.

Groundman: Perform tasks such as: climbing poles, pulling downguys, making up material, and getting appropriate tools for the job. Experience 0-5 years.

Prevailing Wage Rate Skilled Crafts

Name of Union: Elevator Local 17

Change # : LCN01-2022sksLoc17

Craft : Elevator Effective Date : 06/08/2022 Last Posted : 06/08/2022

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Elevator Mechanic	\$56.25	\$16.03	\$10.71	\$0.65	\$4.50	\$9.50	\$2.12	\$0.00	\$0.00	\$99.76	\$127.89
Helper	\$39.38	\$16.03	\$10.71	\$0.65	\$2.36	\$9.50	\$1.48	\$0.00	\$0.00	\$80.11	\$99.80
Apprentice	Percent										
Apprentice											
0-6months Probation	50.01	\$28.13	\$0.00	\$0.00	\$0.00	\$1.69	\$0.00	\$1.06	\$0.00	\$30.88	\$44.95
1st year	55.00	\$30.94	\$16.03	\$10.71	\$0.65	\$1.86	\$9.50	\$1.17	\$0.00	\$70.86	\$86.33
2nd year	65.00	\$36.56	\$16.03	\$10.71	\$0.65	\$2.19	\$9.50	\$1.38	\$0.00	\$77.02	\$95.30
3rd year	70.00	\$39.38	\$16.03	\$10.71	\$0.65	\$2.36	\$9.50	\$1.48	\$0.00	\$80.11	\$99.79
4th year and Assistant Mechanic	80.00	\$45.00	\$16.03	\$10.71	\$0.65	\$2.70	\$9.50	\$1.69	\$0.00	\$86.28	\$108.78

Special Calculation Note : Vacation 6% for employees under 5 years based on regular hourly rate for all hours worked. 8% for employees over 5 years based on regular hourly rate for all hours worked. Other is Holiday Pay

Ratio :

- 1 Journeyman to 1 Apprentice
- 1 Journeyman to 1 Helper
- 1 Journeyman to 1 Assistant Mechanic

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, ERIE, GEAUGA, LAKE, LORAIN

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Glazier Local 181

Change # : LCN01-2021sksLoc181

Craft : Glazier Effective Date : 12/31/2021 Last Posted : 12/22/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Glazier	\$32.32		\$7.92	\$11.58	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.22	\$68.38
Apprentice	Percent											
1st 6 months	50.00	\$16.16	\$7.92	\$1.02	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.50	\$33.58
2nd 6 months	50.00	\$16.16	\$7.92	\$1.02	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.50	\$33.58
3rd 6 months	50.00	\$16.16	\$7.92	\$5.19	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29.67	\$37.75
4th 6 months	55.00	\$17.78	\$7.92	\$5.61	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31.71	\$40.59
5th 6 months	60.00	\$19.39	\$7.92	\$6.02	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.73	\$43.43
6th 6 months	70.00	\$22.62	\$7.92	\$6.86	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.80	\$49.12
7th 6 months	80.00	\$25.86	\$7.92	\$7.69	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.87	\$54.79
8th 6 months	90.00	\$29.09	\$7.92	\$8.53	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.94	\$60.48

Special Calculation Note : No special calculations for this classification.

Ratio :

2 Journeymen to 1 Apprentice
3 Journeymen to 1 Apprentice Thereafter

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, ERIE*, GEAUGA,
HURON, LAKE, LORAIN, MEDINA*, PORTAGE*,
SUMMIT*

Special Jurisdictional Note : Start at the intersection of Route 305 and the eastern boundary line of Portage County. Follow Route 305 west onto Route 82, follow Route 82 west to the intersection of Routes 82,8 and 271, follow Route 271 south to Medina County line west to Route 94, follow Route 94 south to Route 303, follow Route 303 west to Route 252, follow Route 252 south to Route 18, follow Route 18 west to Route 301, follow 301 south to Route 162, follow Route 162 west to Route 58, follow Route 58 south to the Ashland County line, follow the Ashland County line. The eastern part of Route 4 north to Lake Erie is the jurisdiction of Local 181. Local 181 has the jurisdiction on all projects built on the property which borders on the above Routes and/or intersections, wherever a County line is the divider between Local 181 and another Union, the jurisdiction is only to the county line.

Details :

High Pay: All work is defined for the purpose of the agreement as being work which requires that the employee be supported by equipment that hangs from or suspends from the wall or roof of a building or structure. This work shall receive an additional \$1.50 per hour.

Prevailing Wage Rate Skilled Crafts

Name of Union: Ironworker Local 17

Change # : LCN01-2020fbLoc17

Craft : Ironworker Effective Date : 12/24/2020 Last Posted : 12/24/2020

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Ironworker	\$33.83		\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$59.04	\$75.95
Apprentice	Percent											
1st 6 Months	50.00	\$16.91	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$42.13	\$50.58
2nd 6 Months	55.00	\$18.61	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$43.82	\$53.12
2nd Year 1st 6 Months	70.00	\$23.68	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$48.89	\$60.73
2nd Year 2nd 6 Months	75.00	\$25.37	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$50.58	\$63.27
3rd Year 1st 6 Months	80.00	\$27.06	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$52.27	\$65.81
3rd Year 2nd 6 Months	85.00	\$28.76	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$53.97	\$68.34
4th Year 1st 6 Months	90.00	\$30.45	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$55.66	\$70.88
4th Year 2nd 6 Months	95.00	\$32.14	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$57.35	\$73.42

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio :

- 4 Journeymen to 1 Apprentice on Structural Work
- 3 Journeymen to 1 Apprentice on Rod Work
- 2 Journeymen to 1 Apprentice on Finishing, Steel Sash, Stairway and Ornamental Work
- 1 Apprentice for every Sheeting Gang
- 1 Journeymen to 2 Apprentice Roadway Signage and

Jurisdiction (* denotes special jurisdictional note) :

- ASHTABULA, CUYAHOGA, ERIE, GEAUGA, HURON, LAKE, LORAIN, MEDINA, PORTAGE, SUMMIT

Sound Barriers

2 Journeymen to 2 Apprentice Unloading and Erection of Light Gauge Metal Trusses

Special Jurisdictional Note : West Boundary Line :Sandusky, Ohio: Boundary lines between Local 17 & Local 55 are as follows: Columbus Ave north to Sandusky Bay (and/or Lake Erie): Columbus Ave South to present Route 4: Route 4 South to present Route 99: from Route 99 south to old Route 224- all territory to the west of the boundary line to be the jurisdiction of Local 55.All territory to the East of the boundary line to be the jurisdiction of Local 17.Kelly's Island to be within jurisdiction of Local 17.All bridges,tunnels,viaducts,etc, relative to these boundary lines shall be the jurisdiction of Local 17

South Boundary Line:Canton, Ohio: Boundary lines between Local 17 & Local 550 are as follows: All territory north of old Route 224 line to be the jurisdiction of Local 17. All bridges,tunnels,viaducts,signs,etc, relative to old Route 224 line to be within the jurisdiction of Local 17. All territory south of old Route 224 line is to be within the jurisdiction of Local 550, except for everything within the city limits of Barberton which shall be the jurisdiction of Local 17.

Reading from West to East: Route old 224 line: Greenwich Ave-Wooster Road or East Ave. Route old 224 line: New 224 line including Cloverleaf: East Waterloo Road: New 224 line-Attwood Road-Old 224. This will be considered to be the old Route 224 line,except for the city limits of Barberton, Ohio which shall be the jurisdiction of Local 17

Southeast Boundary : Between local 17 and Local 207 are as follows: West of a line from Middlefield to Shalersville to Deerfield, shall be under the jurisdiction of local 17. East of a line from Middlefield, to Shalersville to Deerfield, shall be under the jurisdiction of Local 207.

Local 17 & Local 207 have agreed that the Ohio County of Ashtabula shall be as follows: Everything North of Route 6, starting at the Geauga County line, proceeding east to State Route 45, shall be under the jurisdiction of Local 17. Everything South, starting at the Geauga County line shall be under local 207.

North Boundary: The East boundary line and the West boundary line continuing North halfway across Lake Erie.

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Labor Local 310

Change # : LCN01-2022sksLabor310

Craft : Laborer Effective Date : 05/11/2022 Last Posted : 05/11/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Laborer Group 1	\$29.67		\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$51.14	\$65.97
Group 2	\$30.15		\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$51.62	\$66.69
Group 3	\$29.92		\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$51.39	\$66.35
Group 4	\$26.57		\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$48.04	\$61.33
Group 5	\$24.07		\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$45.54	\$57.58
Group 6	\$26.22		\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$47.69	\$60.80
Group 7	\$30.17		\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$51.64	\$66.72
Group 8	\$30.32		\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$51.79	\$66.95
Group 9	\$24.52		\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$45.99	\$58.25
Group 10	\$20.52		\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$41.99	\$52.25
Group 11	\$29.82		\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$51.29	\$66.20
Group 12	\$30.06		\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$51.53	\$66.56
Group 13	\$31.17		\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$52.64	\$68.22
Apprentice	Percent											
1-1000 hours	60.02	\$17.81	\$7.07	\$0.00	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$28.08	\$36.98
1001-2000 hours	70.00	\$20.77	\$7.07	\$5.60	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$36.64	\$47.02
2001-3000 hours	80.00	\$23.74	\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$45.21	\$57.07
3001-4000 hours	90.02	\$26.71	\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$48.18	\$61.53
4001 plus	100.00	\$29.67	\$7.07	\$11.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.00	\$0.00	\$51.14	\$65.97

Special Calculation Note : Other is Supplemental Unemployment Benefit (SUB).

Ratio :

3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

CUYAHOGA, GEAUGA, LAKE

Special Jurisdictional Note :

Details :

Group 1 - Building and construction Laborers and Tenders; Asbestos Removal - hazardous materials; unloading of furniture and fixtures.

Group 2 - Gunite Operating (Machines of all type).

Group 3 - Laborers on swinging scaffolds; air track and wagon drill.

Group 4 - Drywall stocking and handling.

Group 5 - General Landscaping.

Group 6 - Final Clean-up (must perform clean-up duties for entire work shift, and excludes demolition work).

Group 7 - Blasters, Shooters, Caissons, Well Cylinder, Cofferdams, Mine Workers without air, acid brick tenders.

Group 8 - Top man on free standing radial stack; bellman and bottom man in blast furnace and stove.

Group 9 - Sewer jet.

Group 10 - Heat tender.

Group 11 - Firebrick.

Group 12 - Mason tender handling carbon block and bottom block for blast furnace stoves, stacks etc.

Group 13 - Lansing Burners.

Prevailing Wage Rate Skilled Crafts

Name of Union: Laborer HevHwy 1A

Change # : LCN01-2022sksHevHwy1A

Craft : Laborer Group 1 Effective Date : 06/01/2022 Last Posted : 06/01/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Laborer Group 1	\$36.18		\$7.70	\$3.95	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$48.38	\$66.47
Group 2	\$36.35		\$7.70	\$3.95	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$48.55	\$66.73
Group 3	\$36.68		\$7.70	\$3.95	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$48.88	\$67.22
Group 4	\$37.13		\$7.70	\$3.95	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$49.33	\$67.90
Watch Person	\$27.25		\$7.70	\$3.95	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$39.45	\$53.08
Apprentice Percent												
0-1000 hrs	60.00	\$21.71	\$7.70	\$3.95	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$33.91	\$44.76
1001-2000 hrs	70.00	\$25.33	\$7.70	\$3.95	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$37.53	\$50.19
2001-3000 hrs	80.00	\$28.94	\$7.70	\$3.95	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$41.14	\$55.62
3001-4000 hrs	90.00	\$32.56	\$7.70	\$3.95	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$44.76	\$61.04
More than 4000 hrs	100.00	\$36.18	\$7.70	\$3.95	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$48.38	\$66.47

Special Calculation Note : Watchman have no Apprentices. Tunnel Laborer rate with air-pressurized add \$1.00 to the above wage rate.

Ratio :

- 1 Journeymen to 1 Apprentice
- 3 Journeymen to 1 Apprentice thereafter

Jurisdiction (* denotes special jurisdictional note) :

LAKE

Special Jurisdictional Note : Hod Carriers and Common Laborers - Heavy, Highway, Sewer, Waterworks, Utility, Airport, Railroad, Industrial and Building Site, Sewer Plant, Waste Water Treatment Facilities Construction

Details :

Group 1

Laborer (Construction); Plant Laborer or Yardman, Right-of-way Laborer, Landscape Laborer, Highway Lighting Worker, Signalization Worker, (Swimming) Pool Construction Laborer, Utility Man, *Bridge Man, Handyman, Joint Setter, Flagperson, Carpenter Helper, Waterproofing Laborer, Slurry Seal, Seal Coating,

Surface Treatment or Road Mix Laborer, Riprap Laborer & Grouter, Asphalt Laborer, Dump Man (batch trucks), Guardrail & Fence Installer, Mesh Handler & Placer, Concrete Curing Applicator, Scaffold Erector, Sign Installer, Hazardous Waste (level D), Diver Helper, Zone Person and Traffic Control.

*Bridge Man will perform work as per the October 31, 1949, memorandum on concrete forms, by and between the United Brotherhood of Carpenters and Joiners of America and the Laborers' International Union of North America, which states in; "the moving, cleaning, oiling and carrying to the next point of erection, and the stripping of forms which are not to be re-used, and forms on all flat arch work shall be done by members of the Laborers' International Union of North America."

Group 2

Asphalt Raker, Screwman or Paver, Concrete Puddler, Kettle Man (pipeline), All Machine-Driven Tools (Gas, Electric, Air), Mason Tender, Brick Paver, Mortar Mixer, Skid Steer, Sheeting & Shoring Person, Surface Grinder Person, Screedperson, Water Blast, Hand Held Wand, Power Buggy or Power Wheelbarrow, Paint Striper, Plastic fusing Machine Operator, Rodding Machine Operator, Pug Mill Operator, Operator of All Vacuum Devices Wet or Dry, Handling of all Pumps 4 inches and under (gas, air or electric), Diver, Form Setter, Bottom Person, Welder Helper (pipeline), Concrete Saw Person, Cutting with Burning Torch, Pipe Layer, Hand Spiker (railroad), Underground Person (working in sewer and waterline, cleaning, repairing and reconditioning). Tunnel Laborer (without air), Caisson, Cofferdam (below 25 feet deep), Air Track and Wagon Drill, Sandblaster Nozzle Person, Hazardous Waste (level B), ***Lead Abatement, Hazardous Waste (level C)

***Includes the erecting of structures for the removal, including the encapsulation and containment of Lead abatement process.

Group 3

Blast and Powder Person, Muckers will be defined as shovel men working directly with the miners, Wrencher (mechanical joints & utility pipeline), Yarnier, Top Lander, Hazardous Waste (level A), Concrete Specialist, Curb Setter and Cutter, Grade Checker, Concrete Crew in Tunnels. Utility pipeline Tappers, Waterline, Caulker, Signal Person will receive the rate equal to the rate paid the Laborer classification for which the Laborer is signaling.

Group 4

Miner, Welder, Gunite Nozzle Person

A.) The Watchperson shall be responsible to patrol and maintain a safe traffic zone including but not limited to barrels, cones, signs, arrow boards, message boards etc.

The responsibility of a watchperson is to see that the equipment, job and office trailer etc. are secure.

Prevailing Wage Rate Skilled Crafts

Name of Union: Operating Engineers - Building Local 18 - Zone I (A)

Change # : LCN02-2022sksLoc18

Craft : Operating Engineer Effective Date : 05/25/2022 Last Posted : 05/25/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Operator Group A	\$44.06		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$60.31	\$82.34
Operator Group B	\$43.91		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$60.16	\$82.11
Operator Group C	\$42.46		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$58.71	\$79.94
Operator Group D	\$41.68		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$57.93	\$78.77
Operator Group E	\$41.36		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$57.61	\$78.29
Operator Group F	\$34.28		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$50.53	\$67.67
Master Mechanic	\$45.06		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$61.31	\$83.84
Crane 200'-299'	\$46.06		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$62.31	\$85.34
Crane 300' and over	\$46.56		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$62.81	\$86.09
Mobile Concrete Pumps 200'-299'	\$45.06		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$61.31	\$83.84
Mobile Concrete Pumps 300' and over	\$45.56		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$61.81	\$84.59
Apprentice	Percent											
1st Year	59.81	\$26.35	\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$42.60	\$55.78
2nd Year	69.77	\$30.74	\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$46.99	\$62.36
3rd Year	79.73	\$35.13	\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$51.38	\$68.94
4th Year	89.70	\$39.52	\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$55.77	\$75.53

Special Calculation Note : Other & Misc is Education & Safety and National Training Fund.

Ratio :

Jurisdiction (* denotes special jurisdictional

For every (3) Operating Engineer Journeymen employed by the company, there may be employed (1) Registered Apprentice. An apprentice, while employed as part of a crew per Article VIII, paragraph 77, will not be subject to the apprenticeship ratios in this collective bargaining agreement.

note) :

ASHTABULA, CUYAHOGA, ERIE, GEAUGA, HURON, LAKE, LORAIN, MEDINA

Special Jurisdictional Note :

Details :

Note: There will be a 5% increase for the apprentices on top of the percentages listed above provided they are operating mobile equipment. Operating Engineers employed on any piece of equipment requiring a Certified Crane Operator (CCO) certification or employed on cranes involved in pile driving operations shall be paid a premium of one dollar (\$1.00) per hour in addition to the crane rate or any escalated rate that may be in effect.

Group A - A-Frames; " Boiler Operators, Compressor Operators, Hydraulic Pumps & Power Pacs when mounted on a crane or regardless of where said equipment is mounted (piggy-back operation)"; Boom Trucks (all types); Cableways; Cherry Pickers; Combination - Concrete Mixers & Towers; Concrete Pumps; Cranes (all types); Cranes- compact: Track or rubber over 4000lbs. capacity; Cranes- self erecting: stationary, track or truck (all configurations); Derricks (all types); Draglines; Dredges (dipper, clam or suction) 3-man crew; Elevating Graders or Euclid Loaders; Floating Equipment; Gradalls; Helicopter Operators, hoisting building materials; Helicopter Winch Operators, hoisting building materials; Hoes (All types); Hoists (two or more drums); Lift Slab or Panel Jack Operators; Locomotives (all types); Maintenance Engineers (Mechanic and/or Welder); Mixers, paving (multiple drum); Mobile Concrete Pumps with booms; Panelboards, (all types on site); Pile Drivers; Power Shovels; Robotics Equipment Operator/Mechanic; Rotary Drills (all), used on caissons work, wells (all types), Geothermal work and sub-structure work; Rough Terrain Forklifts with Winch/Hoist (when used as a crane); Side Booms; Slip Form Pavers; Straddle Carriers (Building Construction on site); Trench Machines (over 24" wide); Tug Boats; Tunnel Boring Machine (TBM).

Group B - Asphalt Pavers; Bulldozers; CMI type Equipment; End Loaders; Horizontal Directional Drill Locator; Horizontal Directional Drill Operator; Instrument Man; Kolman-type Loaders (Dirt Loading); Lead Greasemen; Mucking Machines; Power Graders; Power Scoops; Power Scrapers; Push Cats; Rotomills; Vermeer Type Concrete Saw.

Group C - Air Compressors, Pressurizing Shafts or Tunnels; Articulating/Straight bed end dumps if assigned by the employer (minus \$4.00 per hour from Group C); All Asphalt Rollers; Fork Lifts; Hoists (with one drum); House Elevators (except those automatic call button controlled); Hydro Excavator (all types C rate) (F rate if a second person is needed) Helper rate; Laser Screeds and like equipment; Man Lifts; Modular Moving and Placement machine (C Rate) (F Rate if second person is needed); Mud Jacks; Portable Hydraulic Gantry (lift system C rate) (F Rate if a second person is needed); Power Boilers (over 15 lbs. pressure); Pump Operators (installing or operating Well Points or other types of Dewatering Systems); Pressure Grouting; Trenchers (24" and under); Utility Operators.

Group D - Brokks with a manufacture's weight of 3,500 lbs. and above; Compressors, on building construction; Conveyors, used for handling building materials; Generators; Guniting Machines; Mixers, more than one bag capacity; Mixers, one bag capacity (side loader); Pavement Breakers (hydraulic or cable); Post Drivers; Post Hole Diggers; Road Widening Trenchers; Rollers; Welder Operators.

Group E - Backfillers and Tampers; Batch Plants; Bar and Joint Installing Machines; Bull Floats; Burlap and Curing Machines; Cleaning Machine Operator (decontamination included); Clefplanes; Concrete Spreading Machines; Crushers; Deckhands; Drum Fireman (asphalt); Farm-type, Tractor, pulling attachments; Finishing Machines; Forklifts (masonry work only); Form Trenchers; High Pressure Pumps (over 1/2" discharge); Hydro

Seeders; Pumps (4" and over discharge), provided it is not part of a de-watering system discharged into a common header; Self-Propelled Power Spreaders; Self-Propelled Sub Graders; Submersible Pump (4" and over discharge), provided it is not part of a dewatering system discharged into a common header; Tire Repairman; Tractors, pulling sheepsfoot rollers or graders; Vibratory Compactors with integral power.

Group F - Apprentice/Helpers, Oiler, Signalmen; Barrier Moving Machines (additional duty, paid same rate); Bobcat-type and/or Skid Steer Loader; Bobcat-type and/or Skid Steer Loader with any and all attachments; Brokks with a manufacture's weight less than 3,500 lbs.; Cranes – compact, track or rubber under 4000 lbs. capacity; Geodimeter; Grade Checker; Grinders (all); Inboard/Outboard Motor Boat Launches; Light Plant Operators; Planers (all types); Power Boilers (less than 15 lbs. pressure); Power Driven Heaters (oil fired); Power Scrubbers; Power Sweepers; Pumps (under 4 inch discharge); Rod Man; Rotomills; Saw (concrete Vermeer-type); Submersible Pumps (under 4 inch discharge); Vac Alls; Cutting, burning and fabricating on equipment and their attachments.

Master Mechanic - Master Mechanic

Crane 200' -299' - Boom & Jib 200' feet and over

Crane 300' and Over - Boom & Jib 300' and over

Prevailing Wage Rate Skilled Crafts

Name of Union: Operating Engineers - HevHwy Zone I

Change # : LCN01-2022sksLoc18hevhwyl

Craft : Operating Engineer Effective Date : 05/25/2022 Last Posted : 05/25/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Operator Class A	\$41.68		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$57.93	\$78.77
Operator Class B	\$41.58		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$57.83	\$78.62
Operator Class C	\$40.54		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$56.79	\$77.06
Operator Class D	\$39.32		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$55.57	\$75.23
Operator Class E	\$34.03		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$50.28	\$67.29
Master Mechanic	\$41.93		\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$58.18	\$79.14
Apprentice												
	Percent											
1st Year	50.00	\$20.84	\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$37.09	\$47.51
2nd Year	60.00	\$25.01	\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$41.26	\$53.76
3rd Year	70.00	\$29.18	\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$45.43	\$60.01
4th Year	80.00	\$33.34	\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$49.59	\$66.27
Field Mech Trainee												
1st year	50.00	\$20.84	\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$37.09	\$47.51
2nd year	60.00	\$25.01	\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$41.26	\$53.76
3rd year	70.00	\$29.18	\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$45.43	\$60.01
4th year	80.00	\$33.34	\$9.01	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.05	\$49.59	\$66.27

Special Calculation Note : Other: Education & Safety Fund is \$0.09 per hour. *Misc is National Training

Ratio :

For every (3) Operating Engineer Journeymen employed by the company, there may be employed (1) Registered Apprentice or Trainee Engineer through the referral when they are available. An Apprentice, while employed as part of a crew per Article VIII, paragraph

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, ERIE, GEAUGA, LAKE, LORAIN, MEDINA, PORTAGE, SUMMIT

69 will not be subject to the apprenticeship ratios in this collective bargaining agreement

Special Jurisdictional Note :

Details :

**Apprentices will receive a 10% increase on top of the percentages listed above provided they are operating mobile equipment. Mechanic Trainees will receive 10% if required to have a CDL.

Class A - Air Compressors on Steel Erection; Asphalt Plant Engineers (Cleveland District Only); Barrier Moving Machine; Boiler Operators, Compressor Operators, or Generators, when mounted on a rig; Boom Trucks (all types); Cableways; Cherry Pickers; Combination- Concrete Mixers & Towers; Concrete Plants (over 4 yd capacity); Concrete Pumps; Cranes (all types); Compact Cranes track or rubber over 4,000 pounds capacity; Cranes self-erecting stationary, track or truck; Derricks (all types); Draglines; Dredges dipper, clam or suction; Elevating Graders or Euclid Loaders; Floating Equipment (all types); Gradalls; Helicopter Crew (Operator- hoist or winch); Hoes (all types); Hoisting Engines; Hoisting Engines, on shaft or tunnel work; Hydraulic Gantry (lifting system); Industrial-type Tractors; Jet Engine Dryer (D8 or D9) diesel Tractors; Locomotives (standard gauge); Maintenance Operators/Technicians (class A); Mixers, paving (single or double drum); Mucking Machines; Multiple Scrapers; Piledriving Machines (all types); Power Shovels, Prentice Loader; Quad 9 (double pusher); Rail Tamper (with automatic lifting and aligning device); Refrigerating Machines (freezer operation); Rotary Drills, on caisson work; Rough Terrain Fork Lift with winch/hoist; Side Booms; Slip Form Pavers; Survey Crew Party Chiefs; Tower Derricks; Tree Shredders; Trench Machines (over 24" wide); Truck Mounted Concrete Pumps; Tug Boats; Tunnel Machines and /or Mining Machines; Wheel Excavators.

Class B - Asphalt Pavers; Automatic Subgrade Machines, self-propelled (CMI-type); Bobcat-type and /or Skid Steer Loader with hoe attachment greater than 7000 lbs.; Boring Machine Operators (more than 48 inches); Bulldozers; Concrete Saws, Vermeer type; Endloaders; Horizontal Directional Drill (50,000 ft. lbs. thrust and over); Hydro Milling Machine; Kolman-type Loaders (production type-dirt); Lead Greasemen; Lighting and Traffic Signal Installation Equipment includes all groups or classifications; Maintenance Operators/Technicians, Class B; Material Transfer Equipment (shuttle buggy) Asphalt; Pettibone-Rail Equipment; Power Graders; Power Scrapers; Push Cats; Rotomills (all), Grinders and Planners of all types, Groovers (excluding walk-behinds); Trench Machines (24 inch wide and under).

Class C - A-Frames; Air Compressors, on tunnel work (low Pressure); Articulating/straight bed end dumps if assigned (minus \$4.00 per hour); Asphalt Plant Engineers (Portage and Summit Counties only); Bobcat-type and/or skid steer loader with or without attachments; Drones; Highway Drills (all types); HydroVac/Excavator (when a second person is needed, the rate of pay will be "Class E"); Locomotives (narrow gauge); Material Hoist/Elevators; Mixers, concrete (more than one bag capacity); Mixers, one bag capacity (side loader); Power Boilers (over 15 lbs. pressure); Pump Operators (installing or operating well Points); Pumps (4 inch and over discharge); Railroad Tie Inserter/Remover; Rollers, Asphalt; Rotovator (lime-soil Stabilizer); Switch & Tie Tampers (without lifting and aligning device); Utilities Operators, (small equipment); Welding Machines and Generators.

Class D - Backfillers and Tampers; Ballast Re-locator; Bar and Joint Installing Machines; Batch Plant Operators; Boring Machine Operators (48 inch or less); Bull Floats; Burlap and Curing Machines; Concrete Plants (capacity 4 yds. and under); Concrete Saws (multiple); Conveyors (highway); Crushers; Deckhands; Farm type tractors, with attachments (highway); Finishing Machines; Firemen, Floating Equipment (all types); Fork Lifts (highway), except masonry; Form Trenchers; Hydro Hammers; Hydro Seeders; Pavement Breakers (hydraulic or cable); Plant Mixers; Post Drivers; Post Hole Diggers; Power Brush Burners; Power Form Handling Equipment; Road Widening Trenchers; Rollers (brick, grade, macadam); Self-Propelled Power Spreaders; Self-Propelled Sub-Graders; Steam Firemen; Survey Instrument men; Tractors, pulling sheepsfoot rollers or graders; Vibratory Compactors, with integral power.

Class E - Compressors (portable, Sewer, Heavy and Highway); Cranes-Compact, track or rubber under 4,000

pound capacity; Drum Firemen (asphalt plant); Fueling and greasing (Primary Operator with Specialized CDL Endorsement Add \$3.00/hr); Generators; Inboard-Outboard Motor Boat Launches; Masonry Fork Lifts; Oil Heaters (asphalt plant); Oilers/Helpers; Power Driven Heaters (oil fired); Power Scrubbers; Power Sweepers; Pumps (under 4 inch discharge); Signalperson; Survey Rodmen or Chairmen; Tire Repairmen; VAC/ALLS.
Master Mechanic - Master Mechanic

Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Local 505

Change # : LCN01-2021sksLoc505

Craft : Drywall Finisher Effective Date : 12/31/2021 Last Posted : 12/22/2021

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Painter Drywall Finisher	\$30.14		\$7.92	\$6.08	\$0.40	\$0.00	\$4.02	\$0.00	\$0.00	\$0.00	\$48.56	\$63.63
Apprentice	Percent											
1st 6 months	55.00	\$16.58	\$7.42	\$1.84	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.24	\$34.53
2nd 6 months	55.00	\$16.58	\$7.42	\$1.94	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.34	\$34.63
3rd 6 months	55.00	\$16.58	\$7.42	\$2.39	\$0.40	\$0.00	\$2.21	\$0.00	\$0.00	\$0.00	\$29.00	\$37.29
4th 6 months	65.00	\$19.59	\$7.42	\$2.49	\$0.40	\$0.00	\$2.61	\$0.00	\$0.00	\$0.00	\$32.51	\$42.31
5th 6 months	75.03	\$22.61	\$7.42	\$2.94	\$0.40	\$0.00	\$3.02	\$0.00	\$0.00	\$0.00	\$36.39	\$47.70
6th 6 months	85.00	\$25.62	\$7.42	\$3.04	\$0.40	\$0.00	\$3.42	\$0.00	\$0.00	\$0.00	\$39.90	\$52.71

Special Calculation Note : No special calculation for this classification.

Ratio :

2 Journeyman to 1 Apprentice
3 Journeyman to 1 Apprentice after 9 total tapers

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE,
LORAIN, PORTAGE*, SUMMIT*

Special Jurisdictional Note : Portage & Summit North of the East-West Turnpike.

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Local 639

Change # : LCNO1-2015fbLoc639

Craft : Painter Effective Date : 06/10/2015 Last Posted : 06/10/2015

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Painter Metal Finisher/Helpers											
Top Helper Class A	\$19.09	\$3.65	\$0.00	\$0.00	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$23.40	\$32.94
Top Helper Class B	\$19.09	\$3.65	\$0.65	\$0.00	\$1.03	\$0.00	\$0.37	\$0.00	\$0.00	\$24.79	\$34.33
Top Helper Class C	\$19.09	\$3.65	\$1.00	\$0.00	\$1.76	\$0.00	\$0.37	\$0.00	\$0.00	\$25.87	\$35.41
Helper Class A	\$14.69	\$3.65	\$0.00	\$0.00	\$0.51	\$0.00	\$0.00	\$0.00	\$0.00	\$18.85	\$26.19
Helper Class B	\$14.69	\$3.65	\$0.65	\$0.00	\$0.79	\$0.00	\$0.28	\$0.00	\$0.00	\$20.06	\$27.40
Helper Class C	\$14.69	\$3.65	\$1.00	\$0.00	\$1.64	\$0.00	\$0.28	\$0.00	\$0.00	\$21.26	\$28.60
New Hire 90 Days	\$11.00	\$3.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14.65	\$20.15

Special Calculation Note : Other is Sick and Personal Time

Ratio :

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY,

SCIOTO, SENECA, SHELBY, STARK, SUMMIT,
TRUMBULL, TUSCARAWAS, UNION, VAN WERT,
VINTON, WARREN, WASHINGTON, WAYNE,
WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note :

Details :

Top Helper: Shall perform the responsibilities of a Helper and be responsible for the setup, break down, safety and quality of the company's product.

Helper : Shall be responsible for performing tasks in refinishing, compliance with safety procedures, setting up and breaking down job sites, scaffolding and swing stages and preparing surfaces for refinishing including but not limited to, masking and stripping and cleaning, oxidizing, polishing and scratch removal on various surfaces

Class A Workers: Less than 1 Year of Service.

Class B Workers: More than 1 and less than 8 Years of Service.

Class C Workers: More than 8 Years of Service.

Metal Polisher Scope of Work: Polishing, buffing, stripping, coloring, lacquering, spraying, cleaning and maintenance of ornamental and architectural metals, iron, bronze, nickel, aluminum and stainless steel and in mental specialty work, various stone finishes, stone specialty work and any other work pertaining to the finishing of metal, stones, woods, and any window washing/cleaning done in conjunction with this work, using chemicals, solvents, coatings and hand applied lacquer thinner, removing scratches from mirror finished metals, burnishing of bronze, statuary finishes on exterior and interior surfaces and the use of all tools required to perform such work, including but not limited to polishes, spray equipment and scaffolding.

Swing State Rate: All work on scaffold 4 sections or higher, including any boom lifts and swing stage scaffolds including the rigging and derigging of hanging/suspended swing stage systems and rappelling/bolson chair work, ADD \$1.50 per hour.

Prevailing Wage Rate

Skilled Crafts

Name of Union: Painter Local 639 Zone 1 Sign

Change # : LCN01-2021fbLoc639

Craft : Painter Effective Date : 06/29/2021 Last Posted : 06/29/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Painter Sign Erector Service/Patteren/Metal Fab/Neon Class A	\$24.35		\$7.16	\$5.57	\$0.25	\$0.71	\$0.00	\$1.00	\$0.00	\$0.00	\$39.04	\$51.22
Painter Sign Erector/Service/Patteren/Metal Fab/Neon Class B	\$24.35		\$7.16	\$5.57	\$0.25	\$1.42	\$0.00	\$1.00	\$0.00	\$0.00	\$39.75	\$51.93
Painter Sign Erector/Service/Patteren/Metal Fab/Neon Class C	\$24.35		\$7.16	\$5.57	\$0.25	\$2.13	\$0.00	\$1.00	\$0.00	\$0.00	\$40.46	\$52.64
Painter Sign Erector/Service/Patteren/Metal Fab/Neon Class D	\$24.35		\$7.16	\$5.57	\$0.25	\$2.84	\$0.00	\$1.00	\$0.00	\$0.00	\$41.17	\$53.35
Computer Operator, Router, Spray Painter/Wood Class A	\$22.83		\$7.16	\$5.57	\$0.25	\$0.68	\$0.00	\$0.96	\$0.00	\$0.00	\$37.45	\$48.87
Computer Operator, Router, Spray Painter/Wood Class B	\$22.83		\$7.16	\$5.57	\$0.25	\$1.36	\$0.00	\$0.96	\$0.00	\$0.00	\$38.13	\$49.55
Computer Operator, Router, Spray Painter/Wood Class C	\$22.83		\$7.16	\$5.57	\$0.25	\$2.04	\$0.00	\$0.96	\$0.00	\$0.00	\$38.81	\$50.23
Computer Operator, Router, Spray Painter/Wood Class D	\$22.83		\$7.16	\$5.57	\$0.25	\$2.72	\$0.00	\$0.96	\$0.00	\$0.00	\$39.49	\$50.91
Final Assembly,Helper Class A	\$18.33		\$7.16	\$5.57	\$0.25	\$0.60	\$0.00	\$0.84	\$0.00	\$0.00	\$32.75	\$41.92
Final Assembly,Helper Class B	\$18.33		\$7.16	\$5.57	\$0.25	\$1.20	\$0.00	\$0.84	\$0.00	\$0.00	\$33.35	\$42.52
Final Assembly,Helper Class C	\$18.33		\$7.16	\$5.57	\$0.25	\$1.80	\$0.00	\$0.84	\$0.00	\$0.00	\$33.95	\$43.12
Final Assembly,Helper Class D	\$18.33		\$7.16	\$5.57	\$0.25	\$2.40	\$0.00	\$0.84	\$0.00	\$0.00	\$34.55	\$43.72
Apprentice	Percent											
1-2000 hrs	50.00	\$12.18	\$7.16	\$5.57	\$0.25	\$0.00	\$0.00	\$0.67	\$0.00	\$0.00	\$25.83	\$31.91
2001-3000 hrs	55.00	\$13.39	\$7.16	\$5.57	\$0.25	\$0.50	\$0.00	\$0.70	\$0.00	\$0.00	\$27.57	\$34.27
3001-4000 hrs	60.00	\$14.61	\$7.16	\$5.57	\$0.25	\$0.53	\$0.00	\$0.74	\$0.00	\$0.00	\$28.86	\$36.17
4001-5000 hrs	65.00	\$15.83	\$7.16	\$5.57	\$0.25	\$0.55	\$0.00	\$0.77	\$0.00	\$0.00	\$30.13	\$38.04
5001-6000 hrs	70.00	\$17.04	\$7.16	\$5.57	\$0.25	\$1.15	\$0.00	\$0.80	\$0.00	\$0.00	\$31.97	\$40.50

6001-7000 hrs	85.00	\$20.70	\$7.16	\$5.57	\$0.25	\$1.29	\$0.00	\$0.90	\$0.00	\$0.00	\$35.87	\$46.22
7001-8000 hrs	90.00	\$21.92	\$7.16	\$5.57	\$0.25	\$1.33	\$0.00	\$0.93	\$0.00	\$0.00	\$37.16	\$48.11

Special Calculation Note : Other is for paid holidays. Apprentice Pay Rate should be based on proper Classification.

Ratio :

Jurisdiction (* denotes special jurisdictional note) :
 ASHLAND, ASHTABULA, CUYAHOGA, GEAUGA,
 LAKE, MEDINA, PORTAGE, RICHLAND, SUMMIT

Special Jurisdictional Note :

Details :

- Class A Worker: More than 1 year but less than 2 years.
- Class B Worker: More than 2 years but less than 10 years.
- Class C Worker: More than 10 years but less than 20 years.
- Class D Worker: More than 20 years

Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Local 707

Change # : LCN01-2021sksLoc707

Craft : Painter Effective Date : 12/31/2021 Last Posted : 12/22/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Painter Brush Roll	\$28.11		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$46.66	\$60.71
Paperhanger	\$28.11		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$46.66	\$60.71
Sandblasting & Buffing	\$28.51		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$47.06	\$61.32
Spray Painting	\$28.81		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$47.36	\$61.76
REPAINT Brush Roll & Paperhanger	\$26.61		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$45.16	\$58.46
REPAINT Sandblasting & Buffing	\$27.01		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$45.56	\$59.07
REPAINT Spray Painting	\$27.31		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$45.86	\$59.51
Apprentice - Painter	Percent											
1st 6 months	45.00	\$12.65	\$7.92	\$1.59	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.56	\$28.88
2nd 6 months	50.00	\$14.06	\$7.92	\$1.64	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24.01	\$31.04
3rd 6 months	55.00	\$15.46	\$7.92	\$2.13	\$0.40	\$0.00	\$2.28	\$0.00	\$0.00	\$0.00	\$28.19	\$35.92
4th 6 months	60.00	\$16.87	\$7.92	\$2.17	\$0.40	\$0.00	\$2.49	\$0.00	\$0.00	\$0.00	\$29.85	\$38.28
5th 6 months	65.00	\$18.27	\$7.92	\$2.52	\$0.40	\$0.00	\$2.70	\$0.00	\$0.00	\$0.00	\$31.81	\$40.95
6th 6 months	70.00	\$19.68	\$7.92	\$2.56	\$0.40	\$0.00	\$2.91	\$0.00	\$0.00	\$0.00	\$33.47	\$43.31
7th 6 months	75.00	\$21.08	\$7.92	\$3.45	\$0.40	\$0.00	\$3.11	\$0.00	\$0.00	\$0.00	\$35.96	\$46.50
8th 6 months	80.00	\$22.49	\$7.92	\$3.45	\$0.40	\$0.00	\$3.32	\$0.00	\$0.00	\$0.00	\$37.58	\$48.82

Special Calculation Note : Apprentice pay based on percentage of above appropriate classification.

Ratio :

1 Apprentice to 1 Journeyman

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE,

Special Jurisdictional Note : Portage & Summit North of the East-West Turnpike.

Details :

Application of Catalytic materials under class 3 hazardous per MSDS - .65 per hour above the Job Classification basic hourly rate.

Application of Catalytic materials under class 4 hazardous per MSDS - 1.00 per hour above the Job Classification basic hourly rate.

Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Local 707 HvyHwy

Change # : LCN01-2021sksLoc707Ind

Craft : Painter Effective Date : 12/31/2021 Last Posted : 12/22/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Painter Bridge Class 1 Bridge Blaster	\$34.37		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$52.92	\$70.10
Class 2 Bridge Painter, Rigger/Containment Builder, Spot Blaster	\$31.37		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$49.92	\$65.60
Class 3 Equipment Operator/Field Mechanic, Grit Reclamation, Paint Mixer, Traffic Control Boat Person, Driver (0-5 Years Exp.)	\$24.37		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$42.92	\$55.10
Class 3 Equipment Operator/Field Mechanic, Grit Reclamation, Paint Mixer, Traffic Control Boat Person, Driver (5 Plus Years Exp.)	\$27.37		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$45.92	\$59.60
Class 4 Concrete Sealing, Concrete Blasting/Power Washing/Etc	\$23.37		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$41.92	\$53.60
Class 5 Quality Control. Quality Assurance, Traffic Safety, Competent Person	\$27.37		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$45.92	\$59.60
Apprentice - Painter	Percent											
1st 6 months	45.00	\$15.47	\$7.92	\$1.59	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.38	\$33.11
2nd 6 months	50.02	\$17.19	\$7.92	\$1.64	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.15	\$35.75

3rd 6 months	55.00	\$18.90	\$7.92	\$2.13	\$0.40	\$0.00	\$2.28	\$0.00	\$0.00	\$0.00	\$31.63	\$41.09
4th 6 months	60.00	\$20.62	\$7.92	\$2.17	\$0.40	\$0.00	\$2.49	\$0.00	\$0.00	\$0.00	\$33.60	\$43.91
5th 6 months	65.00	\$22.34	\$7.92	\$2.52	\$0.40	\$0.00	\$2.70	\$0.00	\$0.00	\$0.00	\$35.88	\$47.05
6th 6 months	70.00	\$24.06	\$7.92	\$2.56	\$0.40	\$0.00	\$2.91	\$0.00	\$0.00	\$0.00	\$37.85	\$49.88
7th 6 months	75.00	\$25.78	\$7.92	\$3.45	\$0.40	\$0.00	\$3.11	\$0.00	\$0.00	\$0.00	\$40.66	\$53.55
8th 6 months	80.00	\$27.50	\$7.92	\$3.45	\$0.40	\$0.00	\$3.32	\$0.00	\$0.00	\$0.00	\$42.59	\$56.33

Special Calculation Note : Apprentice pay based on percentage of above appropriate classification.

Ratio :

1 Apprentice to 1 Journeyman

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN, PORTAGE*, SUMMIT*

Special Jurisdictional Note : Portage & Summit North of the East-West Turnpike.

Details :

Painter Bridge Class 2 is Defined as; Bridge Painter, Rigger, Containment Builder

Application of Catalytic materials under class 3 hazardous per MSDS - .65 per hour above the Job Classification basic hourly rate.

Application of Catalytic materials under class 4 hazardous per MSDS - 1.00 per hour above the Job Classification basic hourly rate.

* Concrete Sealing: on highway work, scaling of concrete surfaces, the treating and sealing of bridge decks, the painting and staining of concrete, including the abutments, barricades, noise barriers, lane dividers, etc.

Prevailing Wage Rate Skilled Crafts

Name of Union: Pipefitter Local 120

Change # : LCNO1-2022sksLoc120

Craft : Sprinkler Fitter Effective Date : 07/20/2022 Last Posted : 07/20/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Sprinkler Fitter	\$44.07		\$12.10	\$10.70	\$1.14	\$0.00	\$3.40	\$0.30	\$0.00	\$0.00	\$71.71	\$93.75
Apprentice	Percent											
1st year	48.72	\$21.47	\$5.35	\$0.00	\$1.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.96	\$38.70
2nd year	50.56	\$22.28	\$11.40	\$6.10	\$1.14	\$0.00	\$0.85	\$0.30	\$0.00	\$0.00	\$42.07	\$53.21
3rd year	58.57	\$25.81	\$11.40	\$6.10	\$1.14	\$0.00	\$0.85	\$0.30	\$0.00	\$0.00	\$45.60	\$58.51
4th year	69.78	\$30.75	\$11.40	\$6.10	\$1.14	\$0.00	\$0.85	\$0.30	\$0.00	\$0.00	\$50.54	\$65.92
5th year	77.79	\$34.28	\$11.40	\$6.10	\$1.14	\$0.00	\$0.85	\$0.30	\$0.00	\$0.00	\$54.07	\$71.21

Special Calculation Note : OTHER IS :SUPPLEMENTAL UNEMPLOYMENT BENEFITS

Ratio :

- 1 Journeymen to 1 Apprentice per project
- 2 - 4 Journeymen to 2 Apprentices
- 5 - 7 Journeymen to 3 Apprentices

3 Journeymen to 1 Apprentice on jobs with 9 or more journeymen

Jurisdiction (* denotes special jurisdictional note) :

CUYAHOGA, GEAUGA, LAKE, LORAIN

Special Jurisdictional Note :

Details :

Sprinklerfitter duties shall include: installation, dismantling, maintenance, repairs, adjustments and corrections of all fire protection and extinguishing systems; consist of handling and installing of all piping and appurtenances pertaining to sprinkler equipment including both overhead and underground water mains, fire hydrants and hydrants mains, stand pipes, hose connections, tank heaters, air lines, thermal systems and their connections; all operating and actuating lines and devices and their protective covering; all fire stopping of sprinkler piping systems; all tanks, pumps and city connections; fire protection systems using emulsify, spray, water fog, CO2 gas, foam and other fire control agents, settling of all fire pumps and tank filling pumps, air compressors and their connections; all work related to sprinkler inspections (included but not limited to: adjustments, maintenance, repair, testing, etc.)

Prevailing Wage Rate Skilled Crafts

Name of Union: Pipefitter Local 120

Change # : LCN01-2022sksLoc120

Craft : Pipefitter Effective Date : 07/20/2022 Last Posted : 07/20/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Pipefitter	\$44.07		\$12.10	\$10.70	\$1.14	\$0.00	\$3.40	\$0.30	\$0.00	\$0.00	\$71.71	\$93.75
Apprentice	Percent											
1st year	48.72	\$21.47	\$5.35	\$0.00	\$1.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.96	\$38.70
2nd year	50.56	\$22.28	\$11.40	\$6.10	\$1.14	\$0.00	\$0.85	\$0.30	\$0.00	\$0.00	\$42.07	\$53.21
3rd year	58.57	\$25.81	\$11.40	\$6.10	\$1.14	\$0.00	\$0.85	\$0.30	\$0.00	\$0.00	\$45.60	\$58.51
4th year	69.78	\$30.75	\$11.40	\$6.10	\$1.14	\$0.00	\$0.85	\$0.30	\$0.00	\$0.00	\$50.54	\$65.92
5th year	77.79	\$34.28	\$11.40	\$6.10	\$1.14	\$0.00	\$0.85	\$0.30	\$0.00	\$0.00	\$54.07	\$71.21

Special Calculation Note : OTHER IS :SUPPLEMENTAL UNEMPLOYMENT BENEFITS

Ratio :

- 1 Journeymen to 1 Apprentice per project
- 2-4 Journeymen to 2 Apprentices per project
- 5-7 Journeymen to 3 Apprentices per project

3 to 1 on jobs with 9 or more journeymen

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, MEDINA*, SUMMIT*

Special Jurisdictional Note : Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson, that portion of Medina County North of State Route 18 and Smith Road and including work within the corporate limits of the City of Medina.

Details :

Under pipefitter duties shall include - steam and hot water heating boilers and related controls such as automatic feedwater and low water cut-offs, safety relief valves and gas trains; steam regulators, traps, steam valves, steam heaters, steam and hot water heating coils; feedwater lines to boilers, condensate pumps, condensate tanks and related piping to boilers, expansion tanks and controls on hot water heating systems; refrigeration and air conditioning systems that are separate from one another and are connected through piping; install, calibrate and maintain pneumatic temperature controls and piping for heating and cooling devices; piping, pumps and controls on the fluent water system in water treatment plants; hose cabinets and automatic fire sprinkler systems; underground water supply piping and devices; all fire stopping of piping systems; to operate a pipe cutting machine, to thread pipe by machine or hand dies; to do oxyacetylene and electric welding on iron and steel pipes when required; to perform other tasks when assigned.

Prevailing Wage Rate Skilled Crafts

Name of Union: Pipefitter Local 120 Mechanical Equipment

Change # : LCN01-2022sksLoc120

Craft : Pipefitter Effective Date : 07/20/2022 Last Posted : 07/20/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Pipefitter Mechanical Equipment Service A-2	\$33.48		\$12.10	\$10.70	\$1.14	\$0.00	\$3.40	\$0.30	\$0.00	\$0.00	\$61.12	\$77.86
Pipefitter Mechanical Equipment Service A-1	\$29.96		\$12.10	\$10.70	\$1.14	\$0.00	\$3.40	\$0.30	\$0.00	\$0.00	\$57.60	\$72.58
MES Trainees	Percent											
1st year	56.75	\$19.00	\$5.70	\$0.00	\$1.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.84	\$35.34
2nd year	60.51	\$20.26	\$5.70	\$3.80	\$1.14	\$0.00	\$1.70	\$0.30	\$0.00	\$0.00	\$32.90	\$43.03
3rd year	66.82	\$22.37	\$5.70	\$3.80	\$1.14	\$0.00	\$1.70	\$0.30	\$0.00	\$0.00	\$35.01	\$46.20
4th year	77.36	\$25.90	\$5.70	\$3.80	\$1.14	\$0.00	\$1.70	\$0.30	\$0.00	\$0.00	\$38.54	\$51.49
5th year	83.69	\$28.02	\$5.70	\$3.80	\$1.14	\$0.00	\$1.70	\$0.30	\$0.00	\$0.00	\$40.66	\$54.67

Special Calculation Note : OTHER IS :SUPPLEMENTAL UNEMPLOYMENT BENEFITS

Ratio :

3 Journeymen to 1 Apprentice
2 Intermediate Servicemen to 1 Serviceman
Trainee per shop

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, MEDINA*, SUMMIT*

Special Jurisdictional Note : Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson, that portion of Medina County North of Route 18 and Smith Road and including work within the corporate limits of the City of Medina.

Details :

Work scope but not limited to: Mechanical Service and Maintenance work normally performed by contractors, either by contracts or emergency call basis, who are equipped to handle all work relating to evacuation, charging, start-up, inspection, operating, maintenance and service call necessary to keep mechanical system and controls of a refrigeration , air conditioning, heating and/or ventilation or any other newly installed, remodeled, revamped or redesigned mechanical system in operational order; all fire stopping and piping systems. Shall include but not limited to all maintaining, cleaning, adjusting, repairing, overhauling, starting and balancing of any system or component part thereof, regardless of size or location, including all other service and maintenance work assigned to the employer by the customer. Shall also be allowed to do the following installation work: All residential humidifiers and dehumidifiers, all window type units, all residential heating and cooling systems, excluding steam and hot water, and when a building is not new construction, all refrigeration systems up to 20 tons, split air conditioning systems up to 50 tons, and package or self-contained air conditioning units up to 50 tons.

Prevailing Wage Rate Skilled Crafts

Name of Union: Plasterer Local 526

Change # : OCR01-2022sksLoc80

Craft : Plaster Effective Date : 06/03/2022 Last Posted : 06/03/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Plasterer	\$30.45		\$8.10	\$6.45	\$0.50	\$0.00	\$5.58	\$0.18	\$0.00	\$0.00	\$51.26	\$66.49
Apprentice	Percent											
Apprentice 1st yr	50.00	\$15.23	\$8.10	\$6.45	\$0.50	\$0.00	\$5.58	\$0.18	\$0.00	\$0.00	\$36.03	\$43.65
2nd yr	60.00	\$18.27	\$8.10	\$6.45	\$0.50	\$0.00	\$5.58	\$0.18	\$0.00	\$0.00	\$39.08	\$48.22
3rd yr	75.00	\$22.84	\$8.10	\$6.45	\$0.50	\$0.00	\$5.58	\$0.18	\$0.00	\$0.00	\$43.65	\$55.07
4th yr	90.00	\$27.41	\$8.10	\$6.45	\$0.50	\$0.00	\$5.58	\$0.18	\$0.00	\$0.00	\$48.22	\$61.92

Special Calculation Note : Other is for Substance abuse and training.

Ratio :

1 Journeymen to 1 Apprentice
3 Journeymen to 1 Apprentice.

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE,
LORAIN

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Plumber Local 55

Change # : LCN01-2022sksLoc55Plum

Craft : Plumber Effective Date : 06/08/2022 Last Posted : 06/08/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)		
Classification											
Plumber	\$40.00	\$10.47	\$9.63	\$1.23	\$0.00	\$7.10	\$0.01	\$0.00	\$0.00	\$68.44	\$88.44
Yard Piping	\$24.36	\$6.94	\$2.91	\$0.69	\$0.00	\$1.59	\$0.30	\$0.00	\$0.00	\$36.79	\$48.97
Shopman (When in the field)	\$21.75	\$8.13	\$5.59	\$0.10	\$0.00	\$3.85	\$0.00	\$0.00	\$0.00	\$39.42	\$50.30
Shopman (when in the field) After 5/1/10	\$14.71	\$7.09	\$1.80	\$0.10	\$0.00	\$1.20	\$0.00	\$0.00	\$0.00	\$24.90	\$32.26
Plumber Light Commercial Journeymen	\$26.62	\$7.74	\$2.28	\$0.69	\$0.00	\$3.58	\$0.01	\$0.00	\$0.00	\$40.92	\$54.23
Apprentice Light Commercial Trainee											
0-3 Months	\$13.32	\$0.00	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13.82	\$20.48
4-6 Months	\$13.74	\$3.09	\$0.00	\$0.46	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17.29	\$24.16
7-12 Months	\$13.89	\$3.72	\$0.33	\$0.63	\$0.00	\$1.13	\$0.00	\$0.00	\$0.00	\$19.70	\$26.64
2dn Year	\$15.14	\$3.75	\$0.35	\$0.65	\$0.00	\$1.20	\$0.00	\$0.00	\$0.00	\$21.09	\$28.66
3rd Year	\$16.38	\$3.76	\$0.36	\$0.68	\$0.00	\$1.28	\$0.00	\$0.00	\$0.00	\$22.46	\$30.65
Apprentice Initiated AFTER 5/1/10	Percent										
1-6 Months	44.47	\$17.79	\$6.43	\$0.24	\$0.95	\$0.00	\$1.56	\$0.00	\$0.00	\$26.97	\$35.86
7-12 Months	51.08	\$20.43	\$6.53	\$0.44	\$1.00	\$0.00	\$2.01	\$0.01	\$0.00	\$30.42	\$40.64
2nd year 1-6	54.38	\$21.75	\$7.17	\$0.85	\$1.05	\$0.00	\$3.06	\$0.01	\$0.00	\$33.89	\$44.77
2nd year 7-12	56.04	\$22.42	\$7.23	\$2.85	\$1.05	\$0.00	\$3.78	\$0.01	\$0.00	\$37.34	\$48.54
3rd year 1-6	63.22	\$25.29	\$7.64	\$2.80	\$1.05	\$0.00	\$4.00	\$0.01	\$0.00	\$40.79	\$53.43

3rd year 7-12	67.97	\$27.19	\$7.76	\$3.63	\$1.05	\$0.00	\$4.62	\$0.01	\$0.00	\$0.00	\$44.26	\$57.85
4th year	74.27	\$29.71	\$7.89	\$4.07	\$1.05	\$0.00	\$4.98	\$0.01	\$0.00	\$0.00	\$47.71	\$62.56
5th year	80.67	\$32.27	\$8.01	\$4.51	\$1.05	\$0.00	\$5.33	\$0.01	\$0.00	\$0.00	\$51.18	\$67.31

Special Calculation Note : OTHER IS: SUPPLEMENTAL UNEMPLOYMENT

Ratio :

1 Journeymen 1 Apprentice

Light Commercial Ratio

1-2 Journeymen to 1 Trainee

3 Journeymen to 2 Trainees

4-5 Journeymen to 3 Trainees

6-8 Journeymen to 4 Trainees

9-10 Journeymen to 5 Trainees

11-13 Journeymen to 6 Trainees

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, MEDINA*, SUMMIT*

Special Jurisdictional Note : Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson, that portion of Medina County North of Route 18 and Smith Road and the corporate limits of the City of Medina.

Details :

The Plumber Shopman will have charge of the Employer's shop and warehouse containing plumbing and heating supplies and equipment, and perform such duties as are customarily required by a Plumber or a Plumber's Shopman, including casual delivery of tools and equipment necessary for installation of Plumbing and Heating facilities. One field shopman per shop may be hired after employing the 1st apprentice, and a second field shopman per shop may be hired after employing the 5th apprentice. These shopmen may work in the field performing primarily non-mechanical work. The plumber shopman's duties do not include the installation of plumbing.

The Plumber Light Commercial Rate can be used for the following: Any private construction project covered by this agreement shall be eligible for designation as a Market Recovery Project (Lt Commercial). The Market Recovery (Lt Commercial) wage rate shall be determined project specific by the business manager. The Market Recovery rate (Lt Commercial) may be utilized on all new, repair, remodeling, alteration, and/or maintenance (interior and exterior) of "Private Enterprise Projects"; including office buildings, service buildings, retail establishments, churches, motels/hotels, and strip shopping centers which fall under this agreement.

Prevailing Wage Rate Skilled Crafts

Name of Union: Roofer Local 44

Change # : LCN01-2021fbLoc44

Craft : Roofer Effective Date : 05/21/2021 Last Posted : 05/21/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Roofer	\$35.35		\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$55.49	\$73.17
Waterproofer	\$35.80		\$9.10	\$9.35	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$54.59	\$72.49
Applicant & Helper Trainees												
0 to 1851 hrs	\$13.75		\$0.50	\$0.50	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$15.09	\$21.96
1852 to 3350 hrs	\$19.44		\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$39.58	\$49.30
3351 to 4850 hrs	\$24.75		\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$44.89	\$57.27
4851 to 6350 hrs	\$28.28		\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$48.42	\$62.56
6351 to 7550 hrs	\$31.82		\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$51.96	\$67.87
7551 hrs	\$35.35		\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$55.49	\$73.17
Apprentice	Percent											
Start of school	38.90	\$13.75	\$0.50	\$0.50	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$15.09	\$21.97
600 hrs worked/72 school hrs	45.00	\$15.91	\$0.50	\$0.50	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$17.25	\$25.20
1200 hrs worked/144 school hrs	50.00	\$17.67	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$37.82	\$46.65
1800 hrs worked/216 school hrs	55.00	\$19.44	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$39.58	\$49.30
2400 hrs worked/ 288 school hrs	60.00	\$21.21	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$41.35	\$51.96
3000 hrs worked/360 school hrs	70.00	\$24.75	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$44.89	\$57.26
3600 hrs	80.00	\$28.28	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$48.42	\$62.56

worked/432 school hrs												
4200 hrs worked/504 school hrs	90.00	\$31.82	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$51.96	\$67.86
4800 hrs/576 school hrs	100.00	\$35.35	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$55.49	\$73.17

Special Calculation Note : Other is for Drug Testing.

Ratio :

2 Journeymen to 1 Apprentice
1 Applicant/Helper Trainee

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, ERIE, GEAUGA,
LAKE, LORAIN*, SANDUSKY

Special Jurisdictional Note : Lorain (The Ohio Turnpike North)

Details :

\$0.04 for "Other" is for Drug Testing

Prevailing Wage Rate Skilled Crafts

Name of Union: Sheet Metal Local 33 (Cleveland)

Change # : LCN01-2022sksLoc33Clev

Craft : Sheet Metal Worker Effective Date : 06/01/2022 Last Posted : 06/01/2022

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Sheet Metal Worker	\$40.61		\$8.89	\$15.38	\$1.44	\$0.00	\$2.81	\$0.00	\$0.00	\$0.00	\$69.13	\$89.43
Apprentice	Percent											
1st year	50.02	\$20.31	\$8.89	\$3.09	\$0.18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32.47	\$42.63
2nd year	54.97	\$22.32	\$8.89	\$3.40	\$1.44	\$0.00	\$2.81	\$0.00	\$0.00	\$0.00	\$38.86	\$50.02
3rd year	59.97	\$24.35	\$8.89	\$3.71	\$1.44	\$0.00	\$2.81	\$0.00	\$0.00	\$0.00	\$41.20	\$53.38
4th year	74.96	\$30.44	\$8.89	\$4.64	\$1.44	\$0.00	\$2.81	\$0.00	\$0.00	\$0.00	\$48.22	\$63.44
5th year This applies for any apprentice whi is a 5th yr as of May 1, 2022 until completion of their apprenticeship	74.96	\$30.44	\$8.89	\$4.64	\$1.44	\$0.00	\$2.81	\$0.00	\$0.00	\$0.00	\$48.22	\$63.44

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio :

- 1 Journeyman to 1 Apprentice
- 2 Journeymen to 1 Apprentice
- 3 Journeymen to 2 Apprentices
- 4 Journeymen to 2 Apprentices
- 5 Journeymen to 3 Apprentices
- 6 Journeymen to 3 Apprentices

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Sheet Metal Local 33 Industrial Door

Change # : LCN01-2022sksLoc33Industrial DoorClev

Craft : Sheet Metal Worker Effective Date : 08/01/2022 Last Posted : 07/27/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Sheet Metal Worker	\$23.92		\$8.66	\$5.55	\$0.17	\$0.00	\$2.15	\$0.00	\$0.00	\$0.00	\$40.45	\$52.41
Trainees	Percent											
1st 60 days Probationary Perios	52.00	\$12.44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12.44	\$18.66
61st day-12 months	58.00	\$13.87	\$8.66	\$1.92	\$0.17	\$0.00	\$1.41	\$0.00	\$0.00	\$0.00	\$26.03	\$32.97
2nd yr	68.00	\$16.27	\$8.66	\$1.92	\$0.17	\$0.00	\$1.59	\$0.00	\$0.00	\$0.00	\$28.61	\$36.74
3rd yr	73.00	\$17.46	\$8.66	\$1.92	\$0.17	\$0.00	\$1.69	\$0.00	\$0.00	\$0.00	\$29.90	\$38.63
4th yr	80.00	\$19.14	\$8.66	\$1.92	\$0.17	\$0.00	\$1.80	\$0.00	\$0.00	\$0.00	\$31.69	\$41.25
5th yr	86.00	\$20.57	\$8.66	\$1.92	\$0.17	\$0.00	\$1.91	\$0.00	\$0.00	\$0.00	\$33.23	\$43.52

Special Calculation Note :

Ratio :

Jurisdiction (* denotes special jurisdictional note) :

ASHLAND, ASHTABULA, CARROLL, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DEFIANCE, ERIE, FULTON, GEAUGA, HANCOCK, HENRY, HOLMES, HURON, LAKE, LORAIN, LUCAS, MAHONING, MEDINA, OTTAWA, PAULDING, PORTAGE, PUTNAM, RICHLAND, SANDUSKY, SENECA, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, WAYNE, WILLIAMS, WOOD

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Truck Driver HevHwy 436

Change # : LCN01-2015fbLoc436

Craft : Truck Driver Effective Date : 08/12/2015 Last Posted : 08/12/2015

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Truck Driver - Straight and Dump Trucks including Asphalt-Straight Fuel - Warehousemen-Straight Fuel	\$26.90	\$4.80	\$10.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.75	\$55.20
Semi Fuel-Semi Tractor Drivers-Darts-Tank Asphalt Spreaders-Low Boys. Carryall Drivers-Rockers-Hilifts-Forklifts-Xtra long Trailers etc.	\$27.40	\$4.80	\$10.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.25	\$55.95

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio :

Jurisdiction (* denotes special jurisdictional note) :

CUYAHOGA, LAKE, GEAUGA

Special Jurisdictional Note :

Details :

Eculids include: Darts, Tank, Asphalt Spreaders, Low Boys, Carry-All Drivers, Tourna-Rockers, High-Lifts, Fork-Lifts, Extra Long Trailers and Semi-Tractor and Tri-Axle Trailer, Tandem Tractor and Tandem Trailer, Tandem Trailer and Tri-Axle Trailer, Tag Along Trailer, Expandable Trailers or towing requiring road permits. Ready-Mix (Agitator or non-agitator) Bulk Concrete Drivers, dry Batch Trucks, Articulated End Dump, Bus Drivers.

Holiday Pay = 7 holidays X (8 hours X BHR)/2080 hours per year.

This pay is only for those employee's who started driving before 1976.

To be eligible to receive holiday pay an employee must have worked at least one (1) day in the period fourteen (14) calendar days prior to the holiday and/or in the fourteen (14) day calendar period after the holiday.

Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Statewide HwyHwy

Change # : OCR01-2022sksCementHwyHwy

Craft : Cement Mason Effective Date : 05/05/2022 Last Posted : 05/05/2022

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Cement Mason	\$32.49		\$8.45	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$51.26	\$67.50
Apprentice Percent												
1st Year	70.00	\$22.74	\$8.45	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$41.51	\$52.88
2nd Year	80.00	\$25.99	\$8.45	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$44.76	\$57.76
3rd Year	90.00	\$29.24	\$8.45	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$48.01	\$62.63

Special Calculation Note : Other \$0.07 is for International Training Fund

Ratio :

1 Journeymen to 1 Apprentice
2 to 1 thereafter

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ALLEN, ASHLAND, ASHTABULA*,
ATHENS, AUGLAIZE, BELMONT, BROWN,
BUTLER, CARROLL, CHAMPAIGN, CLARK,
CLERMONT, CLINTON, COLUMBIANA,
COSHOCOTON, CRAWFORD, CUYAHOGA*,
DARKE, DEFIANCE, DELAWARE, ERIE,
FAIRFIELD, FAYETTE, FRANKLIN, FULTON*,
GALLIA, GEAUGA*, GREENE, GUERNSEY,
HAMILTON, HANCOCK*, HARDIN, HARRISON,
HENRY*, HIGHLAND, HOCKING, HOLMES,
HURON, JACKSON, JEFFERSON, KNOX, LAKE*,
LAWRENCE, LICKING, LOGAN, LORAIN,
LUCAS*, MADISON, MAHONING, MARION,
MEDINA, MEIGS, MERCER, MIAMI, MONROE,
MONTGOMERY, MORGAN, MORROW,
MUSKINGUM, NOBLE, OTTAWA, PAULDING,
PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE,
PUTNAM*, RICHLAND, ROSS, SANDUSKY,
SCIOTO, SENECA, SHELBY, STARK, SUMMIT,
TRUMBULL, TUSCARAWAS, UNION, VAN WERT,
VINTON, WARREN, WASHINGTON, WAYNE,
WILLIAMS, WOOD*, WYANDOT

Special Jurisdictional Note : (A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site, Heavy

Construction, Airport Construction Or Railroad Construction Work, Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work, Pollution Control, Sewer Plant, Waste & Water Plant, Water Treatment Facilities Construction.

*For Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work, Pollution Control, Sewer Plant, Waste & Water Plant, Water Treatment Facility Construction work in the following Counties: Ashtabula, Cuyahoga, Fulton, Geauga, Hancock, Henry, Lake, Lucas, Putnam and Wood Counties, those counties will use the Cement Mason Statewide Heavy Highway Exhibit B District 1 Wage Rate.

Details :

This rate replaces the previous Cement Mason Heavy Highway Statewide Rates (Exhibit A and Exhibit B rates), except for Cement Mason Statewide Heavy Highway Exhibit B Dist 1. sks