



Allies & Ross
Management and Development Corporation
200 Ross Street
Pittsburgh, PA 15219

412-456-5000

March 23, 2018

**Allies & Ross Management and Development Corporation
IFB#2017-23 –E-P-M Rebid**

New Construction of Northview Midrise Rebid

ADDENDUM NO. 3

This addendum issued March 23, 2018 becomes in its entirety a part of the Invitation for Bid IFB#2017-23Rebid as is fully set forth herein:

Item 1: **Q:** Drawing M000 HVAC general note 31, states "MC to conduct a minimum one hour walkthrough of the home with the occupants." Does this mean that we need to have a one hour training with each individual tenant? Please clarify.

A: No, this means that a one-time instructional walkthrough of a typical apartment shall be conducted with current tenants of the building to explain the operation of the apartment unit mechanical systems. Coordinate with building manager to schedule a time after building occupancy is achieved in which to conduct the walkthrough. A separate walkthrough of all mechanical building systems with the building manager is also required.

Item 2: **Q:** The sequence of operation calls for the electric / trash / mechanical room exhaust fan "to run continuously during the occupied hours of the building;" Given this is an occupied building, should the fans always run?

A: Yes

Item 3: **Q:** Do the apartment range hoods have a backdraft damper with them?

A: Range hood appliance is to be provided by General Contractor. The appliance specification section 114510 has been updated to include the damper, provided by the General Contractor. Please see attached a revised version of SECTION 114510 – APPLIANCES (Attachment 3A). This section of the specifications replaces and supersedes the previous bid documents dated "November 29, 2017 Revision #1 February 28, 2018.

Item 4: **Q:** Approximately how many colors will be required for the brick vents? Will colors be selected from standard colors, or will custom colors be required?

A: The Design intent is for the brick vents to match the adjacent exterior finish materials on the walls that they sit within. The basis of design finish materials and color selections are listed under the Division 4 and Division 7 specification sections and

should be coordinated with the Exterior Elevations. If a manufacturer's standard color range does not allow for a color match, a custom color selection will be required.

Item 5: Q: In the apartments showing fire dampers and access doors, are the access doors being referenced duct access doors per detail 2 M401?

A: Duct access doors are to be provided per detail 2 M401, but the MC shall also provide fire rated access doors ductwork that penetrates a fire rated wall partition in which the duct access door is not accessible by any other means. This condition does not occur in the apartments, as the duct access door would be accessible in the mechanical room, but it may be applicable elsewhere in the project.

Item 6: Q: Are there any existing as built drawings showing where the geo thermal piping enters the building and shows the actual building doorways? Does the piping interfere with the existing fencing?

A: As built do exist, but they have been confirmed to not accurately reflect the final installation of the geothermal piping routing into the building. The MC shall coordinate with all trades and shall conduct an investigatory site visit to determine the location of all geothermal lines entering the buildings.

Item 7: Q: Are sections of concrete allowed to be removed and replaced where geothermal piping runs under them into the building, or does the entire walkway need replaced?

A: Concrete damaged or removed by geothermal works is to be replaced from joint to joint. If one portion of concrete is affected by the geothermal work, the entire section of concrete from joint to joint is to be replaced. Determine section of sidewalk or walkway that is affected by geothermal work in field.

Item 8: Q: In the addendum 1 Multiple Contract Summary, it states the HVAC contract is responsible for temporary heating, cooling and ventilation. Is this for the course of the entire project, or after the building is weather tight? Does this apply to the buildings where geothermal work is occurring? If so how many units are in the affected buildings and how many bedrooms are in each unit?

A: Temporary heating, cooling and ventilation of building is to be provided after building is weather tight. This applies to the buildings in which geothermal work is to be completed. There are 3 buildings with a total of 22 apartment units that are affected by the geothermal work.

Item 9: Q: In the addendum 1 Multiple Contract Summary, please clarify how use charges are to be shared by each contractor (1.5 E).

A: Each Prime Contractor is responsible for the use charges of their assigned service, as listed in Section 1.5.E as their responsibility. All Prime Contractors will share in the use of these services.

Item 10: Q: Please clarify what site utilities are the responsibility of the HVAC contract (011200 1.8 A 6).

A: HVAC contractor site utilities responsibilities are solely related to the geothermal scope of work. All gas piping, domestic water and fire service utilities are to be handled under plumbing contractor.

Item 11: **Q:** On the insurance requirement, please clarify if professional liability coverage, environmental impairment liability, pollution legal liability is required for all prime contractors and the limits for each policy. Is each prime contract responsible to carry builder's risk insurance? Please clarify the general aggregate insurance amount required for each prime contractor.

A: No, professional liability coverage, environmental impairment liability, pollution legal liability is required as a part of the Northview Midrise project. No, it is not necessary for each prime contract to carry builder's risk insurance. Please refer to the IFB documents for the per occurrence and aggregate insurance amount for each type of insurance coverage requirements.

Item 12: **Q:** Spec 012900 payment procedures specifies AIA documents. However the bid documents have a special provisions notice that must be signed listing HUD forms. Please clarify which type of payment application will be required.

A: The AIA payment application will be used for the Northview Midrise project. However, the AIA documents may be modified to include language that is required by the U.S. States Department of Housing and Urban Development (HUD).


Item 13: Please see attached the revised SECTION 013100 – PROJECT MANAGEMENT AND COORDINATION. This section of the specifications replaces and supersedes the previous bid documents dated “November 29, 2017 Revision #1 February 28, 2018. (Attachment 3B)

Item 14: Please see attached the revised SECTION 015000 – TEMPORARY FACILITIES AND CONTROLS. This section of the specifications replaces and supersedes the previous bid documents dated “November 29, 2017 Revision #1 February 28, 2018 (Attachment 3C).

Item 15: Please see attached an update to the Prevailing Wage Determination dated March 23, 2018. (Attachment 3D)

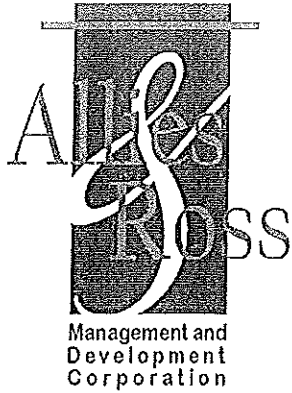
Item 16: The Proposal due date, time and location remain unchanged at March 29, 2018 at 11:00 a.m., at HACP Procurement Dept., 100 Ross St. 2nd Floor, Suite 200, Pittsburgh, PA 15219.

END OF ADDENDUM NO. 3



Mr. Kim Detrick
Agent

3-23-18
Date



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ATTACHMENT 3A - SECTION 114510 – APPLIANCES

SECTION 114510 - APPLIANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:

- 1. Cooking equipment including:
 - a. Electric ranges (in the non-accessible units)
 - b. Electric Ranges with front controls and self-cleaning function (in accessible units)
 - c. Vent Hood (in all units)
- 2. Refrigerator/freezers (in the units and community kitchen)
- 3. Cleaning appliances:
 - a. Dishwasher with hidden controls (in non-accessible units)
 - b. Dishwasher with front controls (in accessible units)
 - c. Dishwasher (Community Room)
 - d. Clothes washers (in the Common laundry rooms)
 - a. Clothes dryers (in the Common laundry rooms)

- B. Related Sections include the following:

- 1. Division 01 Section "Sustainable Building Requirements - Enterprise Green Communities"
- 2. Division 01 Section "Sustainable Building Requirements - LEED v4 BD+C: Multifamily Midrise"
- 3. Division 12 Section "Residential Casework".
- 4. Division 22 Section "Plumbing"
- 5. Division 23 Section "HVAC"

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated. Include operating characteristics, dimensions of individual appliances, and finishes for each appliance.

- B. Submittals for LEED:

- 1. Product Data: For indicated products, indicating compliance with requirements for ENERGY STAR product labeling.

- C. Submittals for Enterprise Green Communities Criteria:

- 1. Energy Efficiency
 - a. 5.1b Building Performance Standard: New Construction: mid-rise and high-rise multifamily
 - 1) Submit product data in accordance with 013520.

- b. 5.4 ENERGY STAR Appliances
 - 1) Submit product data indicating ENERGY STAR certification as noted in 013520.
 - 2. Operations, Maintenance and Resident Engagement
 - a. 8.1 Building Maintenance Manual
 - 1) Submit operations & maintenance guidance in accordance with the requirements of 013520.
 - D. Appliance Schedule: For appliances; use same designations indicated on Drawings.
 - E. Manufacturer Certificates: Signed by manufacturers certifying that products comply with requirements.
 - F. Product Test Reports: Based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified testing agency, for each product.
 - G. Research/Evaluation Reports: For each product.
 - H. Maintenance Data: For each product to include in maintenance manuals.
 - I. Warranties: Special warranties specified in this Section.
- 1.4 QUALITY ASSURANCE
- A. Installer Qualifications: An employer of workers trained and approved by manufacturer for installation and maintenance of units required for this Project.
 - B. Manufacturer Qualifications: A qualified manufacturer. Maintain, within 50 miles of Project site, a service center capable of providing training, parts, and emergency maintenance repairs.
 - B. Source Limitations: Obtain residential appliances through one source from a single manufacturer.
 - 1. Provide products from same manufacturer for each type of appliance required.
 - 2. To the greatest extent possible, provide appliances by a single manufacturer for entire Project.
 - C. Product Options: Information on Drawings and in Specifications establishes requirements for product's aesthetic effects and performance characteristics. Aesthetic effects are indicated by dimensions, arrangements, alignment, and profiles of components and assemblies as they relate to sightlines, to one another, and to adjoining construction. Performance characteristics are indicated by criteria subject to verification by one or more methods including preconstruction testing, field testing, and in-service performance.
 - D. Regulatory Requirements: Comply with provisions of the following product certifications:
 - 1. NFPA: Provide electrical appliances listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
 - 2. UL and NEMA: Provide electrical components required as part of residential appliances that are listed and labeled by UL and that comply with applicable NEMA standards.
 - 3. NAECA: Provide residential appliances that comply with NAECA standards.
 - E. Regulatory Requirements, Accessibility: Where residential appliances are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)," ANSI A117.1.
 - 1. Operable Parts: Provide controls with forward reach no higher than 48 inches above the floor, horizontal front reach no more than 25 inches, horizontal side reach no more than

- 24 inches, and that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf (22.2 N).
 - 2. Range or Cooktop: Provide knee clearance for forward approach of 27 inches high, 30 inches wide, and 11 inches horizontally; toe space clearance of 9 inches high and 17 inches horizontally; with insulated underside of cooktop to prevent burns, shocks, or abrasions. Provide top surface 34 inches above the floor, with controls that do not require reaching across burners.
 - 3. Refrigerator/Freezer: Provide 50 percent of freezer space within 54 inches of the floor.
 - F. AHAM Standards: Provide appliances that comply with the following AHAM standards:
 - 1. Electric Ranges: AHAM ER-1.
 - 2. Household Refrigerators: AHAM HRF-1.
 - 3. Household Freezers: AHAM HRF-1.
 - 4. Clothes Dryers: AHAM HLD-1
 - G. Energy Ratings: Provide residential appliances that carry labels indicating energy-cost analysis (estimated annual operating costs) and efficiency information as required by the FTC Appliance Labeling Rule.
 - 1. Provide appliances that qualify for the EPA/DOE ENERGY STAR product labeling program.
 - H. Pre-installation Conference: Conduct conference at Project site to comply with requirements in Division 1 Section "Project Management and Coordination."
- 1.5 WARRANTY
- A. Special Warranties: Manufacturer's standard form in which manufacturer of each appliance specified agrees to repair or replace residential appliances or components that fail in materials or workmanship within specified warranty period.
 - 1. Electric Range: Five-year limited warranty for surface-burner elements.
 - 2. Microwave Oven: Five-year limited warranty for defects in the magnetron tube.
 - 3. Refrigerator/Freezer: Five-year limited warranty for in-home service on the sealed refrigeration system.
 - 4. Clothes Dryer: 5-year limited warranty
 - 5. Clothes Washer: 10-year limited warranty for the inner wash basket and outer tub, and five-year limited warranty for the balance suspension system and drive transmission.

PART 2 - PRODUCTS

2.1 PRODUCT REQUIREMENTS

A. Energy Efficiency

- 1. 5.1b Building Performance Standard: New Construction: mid-rise and high-rise multifamily
 - a. Submit product data in accordance with 013520.
- 2. 5.4 ENERGY STAR Appliances
 - a. Submit product data indicating ENERGY STAR certification as noted in 013520.

2.2 MANUFACTURERS

- A. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:

1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, products specified.
2. Products: Subject to compliance with requirements, provide one of the products specified.
3. Basis-of-Design Product: The design for each residential appliance is based on the product named. Subject to compliance with requirements, provide either the named product or a comparable product by General Electric, Hotpoint or Maytag.

2.3 COOKING APPLIANCES

A. Freestanding Electric Range

1. Typical Units (Energy Star does not apply):
 - a. Basis-of-Design: GE / JB645DKWW, or comparable GE model.
 - b. Color: White.
 - c. Description: 30" wide Free-Standing Electric Range. Provide 4 conductor connection.
 - d. Features Include:
 - 1) Self-cleaning oven.
 - 2) Backsplash controls.
 - 3) Extra large clear window.
 - 4) Radiant smoothtop cooktop.
 - 5) Two oven racks, interior oven light.
 - 6) (2) 6", and (2) 9"/12" (dual) heating elements.
 - 7) Standard porcelain enamel-on-steel oven interior.
 - e. Power/Rating Requirement: 208-240 V, 40A

B. Freestanding Electric Range – Accessible Units (Energy Star does not apply):

1. Basis-of-Design: GE / JS630DFWW, or comparable GE model.
2. Color: White.
3. Description: 30" wide Slide-in Electric Range. Provide 4 conductor connection.
4. Features Include:
 - a. Self-cleaning oven.
 - b. Upfront control location.
 - c. Extra large clear window.
 - d. Radiant smoothtop cooktop.
 - e. Two oven racks, interior oven light.
 - f. (1) 6", (2) 8", and (1) 9"/6" (dual) heating elements.
 - g. Standard porcelain enamel-on-steel oven interior.
5. Power/Rating Requirement: 208-240 V, 40A

C. Electric Range Hoods – Units

1. Basis-of-Design: GE / J VX5305SJSS or comparable GE model with GEJXDA22 damper accessory
2. Color: White
3. Description: 30"W Vented Range Hood. Range hoods shall be switched on the wall with two switches within accessible reach range to control both light and fan.
4. Features Include:
 - a. Two-speed fan and dual LED light control.
 - b. Overhead light
 - c. Vertical and rear exhaust

- d. Single Mesh and Carbon Removable Grease Filters

2.4 REFRIGERATION APPLIANCES

A. Refrigerator/Freezer

1. Typical Units

- a. Basis-of-Design: GE / GIE21GTHWW, or comparable GE model.
- b. Color: White
- c. Dimensions: 32-7/8" W x 34" D x 66-3/4" H
- d. Description: Top-Freezer refrigerator with 21.0 cubic feet total and 7.3 cubic feet freezer capacity. With handles. Energy Star Rated.
- e. Features Include:
 - 1) Dual-Level interior light
 - 2) Factory-installed icemaker
 - 3) Adjustable-humidity crisper drawers
 - 4) Wire freezer shelves
 - 5) Upfront temperature controls

B. Refrigerator/Freezer – Accessible Units and Community Kitchen

- 1. Basis-of-Design: GE / GFE24JGKWW, or comparable GE model.
- 2. Color: White
- 3. Dimensions: 33-1/2" W x 33-5/8" D x 67-1/2" H
- 4. Description: French door refrigerator with 23.8 cubic feet total capacity and 7.1 cubic feet freezer capacity. With handles. Energy Star Rated.
- 5. Features Include:
 - a. Dual-Level interior light
 - b. Factory-installed icemaker
 - c. Adjustable-humidity crisper drawers
 - d. Ice & water dispenser in door
 - e. Wire freezer shelves

2.5 CLEANING APPLIANCES

A. Dishwashers - Typical Units

- a. Basis-of-Design: GE / GDF510PGJWW, or comparable GE model.
- b. Color: White
- c. Dimensions: 23-3/4" W x 24" D x 34" H
- d. Description: Front controls, Energy Star Rated.

B. Dishwashers – Accessible Units

- 1. Basis-of-Design: GE / GLDT690JWW, or comparable GE model.
- 2. Color: White
- 3. Dimensions: 24" W x 24" D x 32-11/32" H
- 4. Description: Hidden controls, ADA compliant, Energy Star Rated.

C. Dishwashers – Community Kitchen

- 1. Basis-of-Design: GE / GLDT696JSS, or comparable GE model.

2. Color: Stainless Steel
3. Dimensions: 24" W x 24" D x 32-11/32" H
4. Description: Hidden controls, ADA compliant, Energy Star Rated.

D. Washing Machines – Community Laundry Room

1. Basis-of-Design: Maytag / MHN33PRCWW
2. Color: White
3. Dimensions: 27" W x 28.81" D x 37.81" H
4. Description: Frontload, 3.1 cubic feet. Card Reader-Ready, Energy Star Rated, ADA compliant.

E. Clothes Dryer – Community Laundry Room

1. Basis-of-Design: Maytag / MDE18PRAYW
2. Color: White
3. Dimensions: 27" W x 29-1/4" D x 36" H
4. Description: Frontload, 7.4 cubic feet. Card Reader-Ready, ADA compliant.

1.2 OTHER APPLIANCES

A. Food Waste Disposers – All Units and Community Kitchen

1. Basis-of-Design: Insinkerator Badger 5, or comparable model.
2. Power: Single Phase ½ HP Heavy Duty Motor
3. Description: Food Waste Disposers shall be switched on the wall within accessible reach range to control unit.

PART 3 - EXECUTION

3.1 EXECUTION REQUIREMENTS

A. Healthy Living Environment

1. 7.2 Clothes Dryer Exhaust
 - a. Install rigid-type exhaust ductwork to connect all vented clothes dryers directly to outdoors as indicated in 013520.

3.2 EXAMINATION

- A. Examine conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.
- B. Examine roughing-in for piping systems to verify actual locations of piping connections before equipment installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.3 INSTALLATION, GENERAL

- A. General: Comply with manufacturer's written instructions.
- B. Built-in Equipment: Securely anchor units to supporting cabinets or countertops with concealed fasteners. Verify that clearances are adequate for proper functioning and rough openings are completely concealed.

- C. Freestanding Equipment: Place units in final locations after finishes have been completed in each area. Verify that clearances are adequate to properly operate equipment.
- D. Utilities: Refer to Divisions 15 and 16 for plumbing and electrical requirements.
- E. Installation standards: Refer to owner's design standards for installation of appliances. Appliances shall be installed level and true with the lines of the buildings.
 - 1. Refrigerator units to be tilted slightly backward to insure proper door closure.
 - 2. All ranges shall have anti-tip devices installed according to manufacturer's instructions. Protective shields must be provided on the section of wall directly behind all ranges and beside ranges abutting partitions or cabinetry. The protection must extend from the top of the range to the underside of the hood or cabinet above for the width of the range or more. Protective shields must be high pressure plastic laminate, enameled steel or stainless steel.
 - 3. All washing machines and dryers shall be installed with front legs mounted in floor track fastened to floor to avoid movement of machines through vibration.

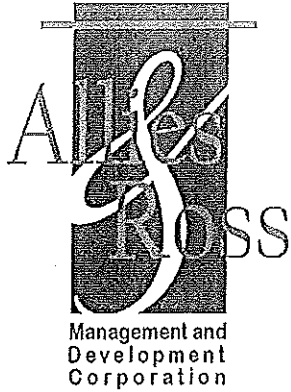
3.4 CLEANING AND PROTECTION

- A. Test each item of residential appliances to verify proper operation. Make necessary adjustments.
- B. Verify that accessories required have been furnished and installed.
- C. Remove packing material from residential appliances and leave units in clean condition, ready for operation.

3.5 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain residential appliances. Refer to Division 1 Section "Demonstration and Training."

END OF SECTION 114510



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**ATTACHMENT 3B - SECTION 013100 – PROJECT MANAGEMENT
AND COORDINATION**

SECTION 013100 - PROJECT MANAGEMENT AND COORDINATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative provisions for coordinating construction operations on Project including, but not limited to, the following:
 - 1. Coordination Drawings.
 - 2. Administrative and supervisory personnel.
 - 3. Project Website.
 - 4. Project meetings.
 - 5. Requests for Interpretation (RFIs).
- B. Contractor shall participate in coordination requirements for all work proceeding on site, not just work included in this contract. Certain areas of responsibility will be assigned to a specific contractor.
- C. Related Sections include the following:
 - 1. Division 1 Section "Summary of Work" for a description of the division of Work among separate prime contracts and responsibility for coordination activities not in this Section.
 - 2. Division 1 Section "Construction Progress Documentation" for preparing and submitting Contractor's Construction Schedule.
 - 3. Division 1 Section "Execution Requirements" for procedures for coordinating general installation and field-engineering services, including establishment of benchmarks and control points.
 - 4. Division 1 Section "Closeout Procedures" for coordinating closeout of the Contract.

1.3 DEFINITIONS

- A. RFI: Request from Contractor seeking interpretation or clarification of the Contract Documents.

1.4 COORDINATION

- A. Coordination: Coordinate construction operations included in different Sections of the Specifications to ensure efficient and orderly installation of each part of the Work. Coordinate construction operations, included in different Sections that depend on each other for proper installation, connection, and operation.
- B. Coordination: Each contractor shall coordinate its construction operations with those of other contractors, the ~~Project Coordinator~~ **Construction Manager**, and other entities to ensure efficient and orderly installation of each part of the Work. Each contractor shall coordinate its operations with operations, included in different Sections that depend on each other for proper installation, connection, and operation.
 - 1. Schedule construction operations in sequence required to obtain the best results where installation of one part of the Work depends on installation of other components, before or after its own installation.
 - 2. Coordinate installation of different components with other contractors to ensure maximum accessibility for required maintenance, service, and repair.

3. Make adequate provisions to accommodate items scheduled for later installation.
 4. Where availability of space is limited, coordinate installation of different components to ensure maximum performance and accessibility for required maintenance, service, and repair of all components, including mechanical and electrical.
- C. Prepare memoranda for distribution to each party involved, outlining special procedures required for coordination. Include such items as required notices, reports, and list of attendees at meetings.
1. Prepare similar memoranda for Owner and separate contractors if coordination of their Work is required.
- D. Administrative Procedures: Coordinate scheduling and timing of required administrative procedures with other construction activities and activities of other contractors to avoid conflicts and to ensure orderly progress of the Work. Such administrative activities include, but are not limited to, the following:
1. Preparation of Contractor's Construction Schedule.
 2. Preparation of the Schedule of Values.
 3. Installation and removal of temporary facilities and controls.
 4. Delivery and processing of submittals.
 5. Progress meetings.
 6. Preinstallation conferences.
 7. Project closeout activities.
 8. Startup and adjustment of systems.
 9. Project closeout activities.
- E. Conservation: Coordinate construction activities to ensure that operations are carried out with consideration given to conservation of energy, water, and materials.
1. Salvage materials and equipment involved in performance of, but not actually incorporated into, the Work. Refer to other Sections for disposition of salvaged materials that are designated as Owner's property.

1.5 SUBMITTALS

- A. Coordination Drawings: Prepare Coordination Drawings if limited space availability necessitates maximum utilization of space for efficient installation of different components or if coordination is required for installation of products and materials fabricated by separate entities.
1. Content: Project-specific information, drawn accurately to scale. Do not base Coordination Drawings on reproductions of the Contract Documents or standard printed data. Include the following information, as applicable:
 - a. Indicate functional and spatial relationships of components of architectural, structural, civil, mechanical, and electrical systems.
 - b. Indicate required installation sequences.
 - c. Indicate dimensions shown on the Contract Drawings and make specific note of dimensions that appear to be in conflict with submitted equipment and minimum clearance requirements. Provide alternate sketches to Architect for resolution of such conflicts. Minor dimension changes and difficult installations will not be considered changes to the Contract.
 - d. Provide for maintenance of intended ceiling heights including provisions for work to stay within truss space whenever necessary.
 2. Sheet Size: At least 8½ by 11 inches but no larger than 30 by 40 inches.
 3. Number of Copies: Submit one electronic copy of each submittal. Architect will return one copy. **Submit one copy to the Construction Manager.**

- a. Submit electronic record where Coordination Drawings are required for operation and maintenance manuals. Mark up and retain one returned copy as a Project Record Drawing.
 - b. Submit one copy to General Construction Contractor and one copy to the Construction Manager.
 - c. Submit copies needed for coordination to trades affected by work.
4. Refer to individual Sections for Coordination Drawing requirements for Work in those Sections.
- B. Key Personnel Names: Within 7 days of starting construction operations, submit a list of key personnel assignments to the **Construction Manager Architect and General Construction Contractor**, including superintendent and other personnel in attendance at Project site. Identify individuals and their duties and responsibilities; list addresses and telephone numbers, including home and office telephone numbers. Provide names, addresses, and telephone numbers of individuals assigned as standbys in the absence of individuals assigned to Project.
 1. Post copies of list in Project meeting room, in temporary field office, and by each temporary telephone. Keep list current at all times.

1.6 ADMINISTRATIVE AND SUPERVISORY PERSONNEL

- A. General: In addition to Project superintendent, provide other administrative and supervisory personnel as required for proper performance of the Work.
 1. Include special personnel required for coordination of operations with other contractors.

1.7 PROJECT MEETINGS

- A. General: Schedule and conduct meetings and conferences at Project site, unless otherwise indicated.
 1. Attendees: Inform participants and others involved, and individuals whose presence is required, of date and time of each meeting. Notify Owner and Architect of scheduled meeting dates and times.
 2. Minutes: Architect to record minutes. Record significant discussions and agreements achieved. Distribute the meeting minutes to everyone concerned, including Owner and Architect, within five days of the meeting.
- B. Preconstruction Conference: Owner **Construction Manager** shall schedule a preconstruction conference before starting construction, at a time convenient to Owner, **Construction Manager**, Prime Contractors, and Architect, but no later than 15 days after execution of the Agreement. Hold the conference at Project site or another convenient location. Conduct the meeting to review responsibilities and personnel assignments.
 1. Attendees: Authorized representatives of Owner, **Construction Manager**, Prime Contractors, Architect, and their consultants; contractors and superintendents; major subcontractors; suppliers; and other concerned parties shall attend the conference. All participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.
 2. Agenda: Discuss items of significance that could affect progress, including the following:
 - a. Tentative construction schedule.
 - b. Critical work sequencing and long-lead items.
 - c. Designation of key personnel and their duties.
 - d. Procedures for processing field decisions and Change Orders.

- e. Procedures for RFIs.
 - f. Procedures for testing and inspecting.
 - g. Procedures for processing Applications for Payment.
 - h. Distribution of the Contract Documents.
 - i. Submittal procedures.
 - j. Preparation of Record Documents.
 - k. Use of the premises and existing building.
 - l. Work restrictions.
 - m. Owner's occupancy requirements.
 - n. Responsibility for temporary facilities and controls.
 - o. Construction waste management and recycling.
 - p. Parking availability.
 - q. Office, work, and storage areas.
 - r. Equipment deliveries and priorities.
 - s. First aid.
 - t. Security.
 - u. Progress cleaning.
 - v. Working hours.
3. Minutes: ~~Construction Manager General Construction Contractor~~ will record and distribute meeting minutes.
- C. Preinstallation Conferences: ~~Construction Manager General Construction Contractor~~ shall conduct a pre-installation conference at Project site before each construction activity that requires coordination with other construction.
- 1. Attendees: Installer and representatives of manufacturers and fabricators involved in or affected by the installation and its coordination or integration with other materials and installations that have preceded or will follow, shall attend the meeting. Advise Architect and Prime Contractors of scheduled meeting dates.
 - 2. Agenda: Review progress of other construction activities and preparations for the particular activity under consideration, including requirements for the following:
 - a. The Contract Documents.
 - b. Options.
 - c. Related RFIs.
 - d. Related Change Orders.
 - e. Purchases.
 - f. Deliveries.
 - g. Submittals.
 - h. Review of mockups.
 - i. Possible conflicts.
 - j. Compatibility problems.
 - k. Time schedules.
 - l. Weather limitations.
 - m. Manufacturer's written recommendations.
 - n. Warranty requirements.
 - o. Compatibility of materials.
 - p. Acceptability of substrates.
 - q. Temporary facilities and controls.
 - r. Space and access limitations.
 - s. Regulations of authorities having jurisdiction.
 - t. Testing and inspecting requirements.
 - u. Installation procedures.
 - v. Coordination with other work.
 - w. Maintenance of design intent including ceiling heights.
 - x. Required performance results.
 - y. Protection of adjacent work.

- z. Protection of construction and personnel.
 - 3. Record significant conference discussions, agreements, and disagreements, including required corrective measures and actions.
 - 4. Reporting: Construction Manager shall distribute minutes of the meeting to each party present, to parties who should have been present, and to Architect prior to subsequent progress meeting.
 - 5. Do not proceed with installation if the conference cannot be successfully concluded. Initiate whatever actions are necessary to resolve impediments to performance of the Work and reconvene the conference at earliest feasible date.
- D. Progress Meetings: ~~Construction Manager General Construction Contractor~~ shall conduct progress meetings at weekly intervals and coordinate dates of meetings with preparation of payment requests.
- 1. Attendees: In addition to representatives of Owner, Prime Contractors, and Architect, each contractor, subcontractor, supplier, and other entity concerned with current progress or involved in planning, coordination, or performance of future activities shall be represented at these meetings. All participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.
 - 2. Agenda: Review and correct or approve minutes of previous progress meeting. Review other items of significance that could affect progress. Include topics for discussion as appropriate to status of Project.
 - a. ~~Construction Manager's General Construction Contractor's~~ Construction Schedule: Review progress since the last meeting. Determine whether each activity is on time, ahead of schedule, or behind schedule, in relation to Combined Prime Contractor's Construction Schedule. Determine how construction behind schedule will be expedited; secure commitments from parties involved to do so. Discuss whether schedule revisions are required to ensure that current and subsequent activities will be completed within the Contract Time.
 - 1) Review schedule for next period.
 - b. Review present and future needs of each entity present, including the following:
 - 1) Interface requirements.
 - 2) Sequence of operations.
 - 3) Status of submittals.
 - 4) Deliveries.
 - 5) Off-site fabrication.
 - 6) Access.
 - 7) Site utilization.
 - 8) Temporary facilities and controls.
 - 9) Work hours.
 - 10) Hazards and risks.
 - 11) Progress cleaning.
 - 12) Quality and work standards.
 - 13) Status of correction of deficient items.
 - 14) Field observations.
 - 15) RFIs.
 - 16) Status of proposal requests.
 - 17) Pending changes.
 - 18) Status of Change Orders.
 - 19) Pending claims and disputes.
 - 20) Documentation of information for payment requests.
 - 3. Minutes: ~~Construction Manager General Construction Contractor~~ will record and distribute the meeting minutes.

4. Reporting: Distribute minutes of the meeting to each party present.
 - a. Schedule Updating: ~~Construction Manager General Construction Contractor~~ will revise Construction Schedule weekly where revisions to the schedule have been made or recognized. Concurrently with the report of each meeting.
- E. Coordination Meetings: ~~Construction Manager General Construction Contractor~~ shall conduct Project Coordination Meetings at weekly intervals. Project coordination meetings are in addition to specific meetings held for other purposes, such as progress meetings and pre-installation conferences.
 1. Attendees: Each prime contractor, subcontractor, supplier, and other entity concerned with current progress or involved in planning, coordination, or performance of future activities shall be represented at these meetings. All participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.
 2. Agenda: Review and correct or approve minutes of the previous coordination meeting. Review other items of significance that could affect progress. Include topics for discussion as appropriate to status of Project.
 - a. ~~Construction Manager's General Construction Contractor's~~ Schedule: Review progress since the last coordination meeting. Determine whether each contract is on time, ahead of schedule, or behind schedule, in relation to Combined Prime Contractor's Construction Schedule. Determine how construction behind schedule will be expedited; secure commitments from parties involved to do so. Discuss whether schedule revisions are required to ensure that current and subsequent activities will be completed within the Contract Time.
 - b. Schedule Updating: Revise Combined Prime Contractor's Construction Schedule after each coordination meeting where revisions to the schedule have been made or recognized. Issue revised schedule concurrently with report of each meeting.
 - c. Review present and future needs of each contractor present, including the following:
 - 1) Interface requirements.
 - 2) Sequence of operations.
 - 3) Status of submittals.
 - 4) Deliveries.
 - 5) Off-site fabrication.
 - 6) Access.
 - 7) Site utilization.
 - 8) Temporary facilities and controls.
 - 9) Work hours.
 - 10) Hazards and risks.
 - 11) Progress cleaning.
 - 12) Quality and work standards.
 - 13) Change Orders.
 3. Reporting: ~~Construction Manager General Construction Contractor~~ shall record meeting results and distribute copies to everyone in attendance and to others affected by decisions or actions resulting from each meeting.

1.8 REQUESTS FOR INTERPRETATION (RFIs)

- A. Procedure: Immediately on discovery of the need for interpretation of the Contract Documents, and if not possible to request interpretation at Project meeting, prepare and submit an RFI in the form specified.

1. RFIs shall originate with each Prime Contractor, and be submitted to the Architect, with a copy sent to the Construction Manager. RFIs submitted by entities other than Prime Contractors will be returned with no response.
 2. Coordinate and submit RFIs in a prompt manner so as to avoid delays in each Contractor's work or work of subcontractors.
- B. Content of the RFI: Include a detailed, legible description of item needing interpretation and the following:
1. Project name.
 2. Date.
 3. Name of Prime Contractor.
 4. Name of Architect.
 5. RFI number, numbered sequentially.
 6. Specification Section number and title and related paragraphs, as appropriate.
 7. Drawing number and detail references, as appropriate.
 8. Field dimensions and conditions, as appropriate.
 9. Prime Contractor's suggested solution(s). If Prime Contractor's solution(s) impact the Contract Time or the Contract Sum, Prime Contractor shall state impact in the RFI. If previously stated impacts are not stated within 5 working days of response, no claims will be accepted.
 10. Contractor's signature.
 11. Attachments: Include drawings, descriptions, measurements, photos, Product Data, Shop Drawings, and other information necessary to fully describe items needing interpretation.
 - a. Supplementary drawings prepared by Prime Contractor shall include dimensions, thicknesses, structural grid references, and details of affected materials, assemblies, and attachments.
- C. Software-Generated RFIs: Software-generated form with substantially the same content as indicated above.
1. Attachments shall be electronic files in Adobe Acrobat PDF format.
- D. Architect's Action: Architect will review each RFI, determine action required, and return it. Allow ten working days for Architect's response for each RFI. RFIs received after 1:00 p.m. will be considered as received the following working day.
1. The following RFIs will be returned without action:
 - a. Requests for approval of submittals.
 - b. Requests for approval of substitutions.
 - c. Requests for coordination information already indicated in the Contract Documents.
 - d. Requests for adjustments in the Contract Time or the Contract Sum.
 - e. Requests for interpretation of Architect's actions on submittals.
 - f. Incomplete RFIs or RFIs with numerous errors.
 2. Architect's action may include a request for additional information, in which case Architect's time for response will start again.
 3. Architect's action on RFIs that may result in a change to the Contract Time or the Contract Sum may be eligible for Contractor to submit Change Proposal.
 - a. If Contractor believes the RFI response warrants change in the Contract Time or the Contract Sum, notify Architect and General Contractor in writing within 10 days of receipt of the RFI response.
- E. On receipt of Architect's action, update the RFI log and immediately distribute the RFI response to affected parties. Review response and notify Architect and Construction Manager within seven days if Contractor disagrees with response.

F. RFI Log: Prepare, maintain, and submit a tabular log of RFIs organized by the RFI number. Submit log monthly. Include the following:

1. Project name.
2. Name and address of Prime Contractor.
3. Name and address of Architect and Prime Contractor.
4. RFI number including RFIs that were dropped and not submitted.
5. RFI description.
6. Date the RFI was submitted.
7. Date Architect and Prime Contractor's response was received.
8. Identification of related Minor Change in the Work, Construction Change Directive, and Proposal Request, as appropriate.
9. Identification of related Field Order, Work Change Directive, and Proposal Request, as appropriate.

1.9 PROJECT WEBSITE

A. General Prime Contractor shall establish Project Website for purposes of hosting and managing project communication and documentation until Final Completion. Project Website shall include the following functions:

1. Project directory.
2. Project correspondence.
3. Meeting Minutes.
4. Contract modifications forms and logs.
5. RFI forms and logs.
6. Photo documentation.
7. Schedule and calendar management.
8. Submittals forms and logs.
9. Payment application forms.
10. Drawing and specification document hosting, viewing, and updating.
11. Archive functions.

B. Provide unlimited Project Website user licenses for use of the Owner, Construction Manager, Architect, and Architect's consultants. Provide eight hours of software training at Architect's office for Project Web site users.

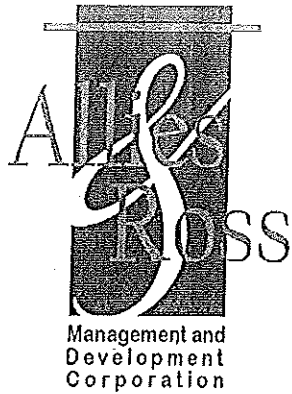
C. Upon completion of Project, provide one complete archive copy of Project Website files to Owner and to Architect in a digital storage format acceptable to the Architect.

D. Contractor, subcontractors, and other parties granted access by the Contractor to project Web site shall execute a data licensing agreement in the form of an Agreement acceptable to the Owner and Architect.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 013100



Allies & Ross
Management and Development Corporation
200 Ross Street
Pittsburgh, PA 15219

412-456-5000

Allies & Ross Management and Development Corporation
IFB#2017-23 –E-P-M Rebid

New Construction of Northview Midrise Rebid

**ATTACHMENT 3C – SECTION 015000 – TEMPORARY FACILITIES
AND CONTROLS**

SECTION 015000 - TEMPORARY FACILITIES AND CONTROLS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes requirements for temporary utilities, support facilities, and security and protection facilities.
- B. Related Sections include the following:
 - 1. Division 1 Section "Summary of Work" for limitations on utility interruptions and other work restrictions.
 - 2. Division 1 Section "Submittal Procedures" for procedures for submitting copies of implementation and termination schedule and utility reports.
 - 3. Division 1 Section "Execution Requirements" for progress cleaning requirements.
 - 4. Divisions 2 through 26 Sections for temporary heat, ventilation, and humidity requirements for products in those Sections.

1.3 DEFINITIONS

- A. Permanent Enclosure: As determined by Architect, permanent or temporary roofing is complete, insulated, and weathertight; exterior walls are insulated and weathertight; and all openings are closed with permanent construction or substantial temporary closures.

1.4 USE CHARGES

- A. General: Cost or use charges for temporary facilities shall be included in the Contract Sum. Allow other entities to use temporary services and facilities without cost, including, but not limited to, Architect, testing agencies, and authorities having jurisdiction.
- B. Natural Gas Service: General Contractor shall pay natural gas service use charges for usage if necessary for construction operations.
- C. Sewer Service: Plumbing Prime Contractor shall pay sewer service use charges for sewer usage by all entities for construction operations.
- D. Water Service: Plumbing Prime Contractor shall pay water service use charges for water used by all entities for construction operations.
- E. Electric Power Service: Electrical Prime Contractor shall pay electric power service use charges for electricity used by all entities for construction operations.

1.5 SUBMITTALS

- A. Site Plan: Show temporary facilities, utility hookups, staging areas, and parking areas for construction personnel. Plan must be submitted and approved by Owner prior to Construction Mobilization.

1.6 QUALITY ASSURANCE

- A. Electric Service: Comply with NECA, NEMA, and UL standards and regulations for temporary electric service. Install service to comply with NFPA 70.

- B. Tests and Inspections: Arrange for authorities having jurisdiction to test and inspect each temporary utility before use. Obtain required certifications and permits.

1.7 PROJECT CONDITIONS

- A. Temporary Use of Permanent Facilities: Prime Contractor of each permanent service shall assume responsibility for operation, maintenance, and protection of each permanent service during its use as a construction facility before Owner's acceptance, regardless of previously assigned responsibilities.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Chain-Link Fencing: Minimum 2-inch, 0.148-inch-thick, galvanized steel, chain-link fabric fencing; minimum 6 feet high with galvanized steel pipe posts; minimum 2-3/8-inch-OD line posts and 2-7/8-inch-OD corner and pull posts.
- B. Portable Chain-Link Fencing: Minimum 2-inch, 9-gage, galvanized steel, chain-link fabric fencing; minimum 6 feet high with galvanized steel pipe posts; minimum 2-3/8-inch-OD line posts and 2-7/8-inch-OD corner and pull posts, with 1-5/8-inch-OD top and bottom rails. Provide galvanized steel bases for supporting posts.
- C. Wood Enclosure Fence: Plywood, 6 feet high, framed with four 2-by-4-inch rails, with preservative-treated wood posts spaced not more than 8 feet apart. Provide a lockable entry gate for site control.
- D. Lumber and Plywood: Comply with requirements in Division 6 Section "Rough Carpentry."
- E. Weather-proof Enclosure: Minimum 3 5/8" steel stud framing system attached securely to floor and structure above with reinforced translucent polyethylene membrane suitable to withstand moisture migration and durable to withstand wind forces.
- F. Gypsum Board: Minimum 1/2 inch thick by 48 inches wide by maximum available lengths; regular-type panels with tapered edges. Comply with ASTM C 36/C 36M.
- G. Insulation: Unfaced mineral-fiber blanket, manufactured from glass, slag wool, or rock wool; with maximum flame-spread and smoke-developed indexes of 25 and 50, respectively.
- H. Paint: Comply with requirements in Division 9 painting Sections.

2.2 TEMPORARY FACILITIES

- A. Field Offices, General: Prefabricated or mobile units with serviceable finishes, temperature controls, and foundations adequate for normal loading.
- B. Construction Manager and General Construction Contractor Field Office will be erected and operational within ten (10) days of Notice to Proceed. The GC and CM Field Office shall be supplied and maintained by the General Contractor and Construction Manager for the duration of the project will be as follows:
 - 1. Trailer setup. Trailer to include delivery, anchoring, leveling, skirting, 2 pair entrance stairs, security grilles on windows, electric heat, air conditioning, and hot water heater. Floor plan to include conference room, office, and general reception/ drawing plan table area. Bathroom can be hooked up as a port-a-john system with separate holding tank for sanitary and potable water for washing hands with bi-weekly fill up. Location of Trailer to be approved by Owner prior to placement.
 - 2. 100 amp 120/208 volt service for electric to the trailer (Coordinate with trailer requirements) and also 4 exterior GFI 20amp circuits with 1 duplex outlet on each circuit. Include all necessary transformers, panels, breakers, permits, Utility company

coordination, metering equipment, exterior enclosure for equipment, setup fees, and also usage fees for the duration of the project.

3. 1 DSL or Cable Internet line into trailer. Include all coordination with provider, interior wiring of trailer, and all usage fees for duration of project.
4. Conference room table to be at minimum 4 feet x 10 feet
5. Ten conference table chairs without arms.
6. Eight feet of sloped drawing table with shelves below.
7. Two desk size wastebaskets and 1 large 30 gallon can with lid.
8. Dry erase marker boards: one at 4 feet by 8 feet, two at 2 feet by 2 feet and 1 set of markers and erasers.
9. Two sheets of 4x8 Homasote for mounting on walls for use as corkboards.
10. One 20-pound fire extinguishers and stands.
11. Standard First Aid kit with regular monitoring and refilling, such as performed by Zee Medical Service.
12. Small Microwave and 4 cubic foot refrigerator.
13. Refrigerated Bottled water service with bi-weekly refills.
14. Twenty plan holder sticks and mounting racks to hang holders.
15. Weekly cleaning of trailer to include garbage removal, sweeping, bathroom cleaning, and wet mopping of floors.
16. Color Printer with features similar to HPColor Laserjet 4550 series. Include toner as necessary for duration of project.
17. Color Photocopier with features similar to Savin C3528 w/max copy size capabilities to allow for copies up to 11x17 inch paper. Include toner and paper for duration of project.

C. Storage and Fabrication Sheds: Each Prime Contractor to provide their own sheds sized, furnished, and equipped to accommodate materials and equipment for construction operations.

1. Store combustible materials apart from building.

2.3 EQUIPMENT

- A. Fire Extinguishers: Portable, UL rated; with class and extinguishing agent as required by locations and classes of fire exposures. To be supplied and maintained by the General Contractor.
- B. HVAC Equipment: Unless Owner authorizes use of permanent HVAC system, provide vented, self-contained, liquid-propane-gas or fuel-oil heaters with individual space thermostatic control. To be supplied and maintained by the Heating Contractor.
 1. Use of gasoline-burning space heaters, open-flame heaters, or salamander-type heating units is prohibited.
 2. Heating Units: Listed and labeled for type of fuel being consumed, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

- A. Locate facilities where they will serve Project adequately and result in minimum interference with performance of the Work. Relocate and modify facilities as required by progress of the Work.
- B. Provide each facility ready for use when needed to avoid delay. Do not remove until facilities are no longer needed or are replaced by authorized use of completed permanent facilities.

3.2 TEMPORARY UTILITY INSTALLATION

- A. General: Install temporary service or connect to existing service.
 - 1. HVAC, Plumbing and Electrical Prime Contractors shall arrange with utility company, Owner, and existing users for time when service can be interrupted, if necessary, to make connections for temporary services.
- B. Sewers and Drainage: Provide temporary utilities to remove effluent lawfully.
 - 1. Connect temporary sewers to municipal system as directed by authorities having jurisdiction.
- C. Water Service: Install water service and distribution piping in sizes and pressures adequate for construction.
- D. Sanitary Facilities: General Contractor to provide temporary toilets for use of construction personnel. Comply with authorities having jurisdiction for type, number, location, operation, and maintenance of fixtures and facilities.
- E. Heating and Cooling: The HVAC Contractor is to provide temporary heating and cooling required by construction activities for curing or drying of completed installations or for protecting installed construction from adverse effects of low temperatures or high humidity. Select equipment that will not have a harmful effect on completed installations or elements being installed. Temporary heating and cooling for adjacent units shall also be provided by the HVAC Contractor during Geothermal Interception work.
- F. Ventilation and Humidity Control: The HVAC Contractor is to provide temporary ventilation required by construction activities for curing or drying of completed installations or for protecting installed construction from adverse effects of high humidity. Select equipment that will not have a harmful effect on completed installations or elements being installed. Coordinate ventilation requirements to produce ambient condition required and minimize energy consumption.
- G. Electric Power Service: Electrical Contractor to provide temporary electric power service and distribution system of sufficient size, capacity, and power characteristics required for construction operations. The Electrical Contractor will supply and maintain temporary electrical service for the duration of the project.
 - 1. Install temporary electric power service overhead, unless otherwise indicated.
 - 2. Connect temporary service to Owner's existing power source, as directed by Owner.
- H. Lighting: Electrical Contractor to provide temporary lighting with local switching that provides adequate illumination for construction operations, observations, inspections, and traffic conditions.
 - 1. Install and operate temporary lighting that fulfills security and protection requirements without operating entire system.
 - 2. Install lighting for Project identification sign.
 - 3. Telephone Service: All Prime Contractors are to provide superintendent with cellular telephone for use when away from field office.

3.3 SUPPORT FACILITIES INSTALLATION

- A. General: Comply with the following:
 - 1. Provide incombustible construction for offices, shops, and sheds located within construction area or within 30 feet (9 m) of building lines. Comply with NFPA 241.
 - 2. Maintain support facilities until near Substantial Completion. Remove before Substantial Completion. Personnel remaining after Substantial Completion will be permitted to use permanent facilities, under conditions acceptable to Owner.

- B. Temporary Entrance and Paved Areas: General Prime Contractor shall maintain temporary entrance to adequate for construction operations.
 - 1. Provide dust-control treatment that is nonpolluting and nontracking. Reapply treatment as required to minimize dust.
 - 2. Provide labor and material to remove snow and spread salt around the building as needed and dictated by the weather and Construction Manager Owner.
- C. Traffic Controls: Comply with requirements of authorities having jurisdiction.
 - 1. Protect existing site improvements to remain including curbs, pavement, and utilities.
 - 2. Maintain access for fire-fighting equipment and access to fire hydrants.
- D. Parking: Provide temporary parking areas for construction personnel to the extent it does not interfere with construction activities or neighboring Residential properties at the discretion of the Construction Manager Owner.
- E. Dewatering Facilities and Drains: All trades comply with requirements of authorities having jurisdiction. Maintain Project site, excavations, and construction free of water.
 - 1. Dispose of rainwater in a lawful manner that will not result in flooding Project or adjoining properties nor endanger permanent Work or temporary facilities.
 - 2. Remove snow and ice as required to minimize accumulations.
- F. Project Identification and Temporary Signs: General Prime Contractor shall provide Project identification and other signs. Install signs where indicated to inform public and individuals seeking entrance to Project. Unauthorized signs are not permitted.
 - 1. Provide temporary, directional signs for construction personnel and visitors.
 - 2. Maintain and touchup signs so they are legible at all times.
- G. Waste Disposal Facilities: Provide waste-collection containers in sizes adequate to handle waste from construction operations. Comply with requirements of authorities having jurisdiction. Comply with Division 1 Section "Execution Requirements" for progress cleaning requirements.
- H. Temporary Elevator Use: There will be no Temporary use of elevator, in order to facilitate construction.
- I. Lifts and Hoists: Each Prime is to provide facilities necessary for hoisting materials and personnel.
 - 1. Truck cranes and similar devices used for hoisting materials are considered "tools and equipment" and not temporary facilities.
- J. Existing Stair Use: Use of existing stairs is permitted. General Contractor is to provide stair protection as required. General Contractor to coordinate stair use among contractors. General Contractor to repair, as required, damage to the stairway at completion of the project.

3.4 SECURITY AND PROTECTION FACILITIES INSTALLATION

- A. General Prime Contractor shall be responsible for all Security and Protection Facilities Installation in this Section.
- B. Environmental Protection: Provide protection, operate temporary facilities, and conduct construction in ways and by methods that comply with environmental regulations and that minimize possible air, waterway, and subsoil contamination or pollution or other undesirable effects.
 - 1. Comply with work restrictions specified in Division 1 Section "Environmental Remediation."

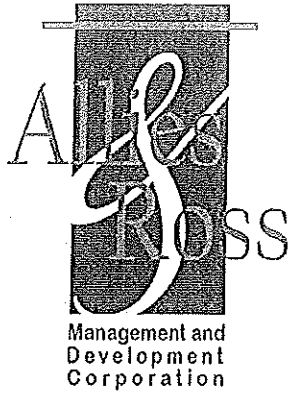
- C. Stormwater Control: Comply with authorities having jurisdiction.
- D. Tree and Plant Protection: Comply with requirements specified in Landscape Drawings.
- E. Tree and Plant Protection: Install temporary fencing located as indicated or outside the drip line of trees to protect vegetation from damage from construction operations. Protect tree root systems from damage, flooding, and erosion.
- F. Pest Control: Engage pest-control service to recommend practices to minimize attraction and harboring of rodents, roaches, and other pests and to perform extermination and control procedures at regular intervals so Project will be free of pests and their residues at Substantial Completion. Obtain extended warranty for Owner. Perform control operations lawfully, using environmentally safe materials. (per EGC and LEED requirements)
- G. Site Enclosure Fence: Before construction operations begins, furnish and install site enclosure fence in a manner that will prevent people and animals from easily entering site except by entrance gates.
 - 1. Extent of Fence: As required to enclose entire Project site or portion determined sufficient by the Construction Manager to accommodate construction operations.
 - 2. Maintain security by limiting number of keys and restricting distribution to authorized personnel. Provide Construction Manager with one set of keys.
- H. Security Enclosure and Lockup: Install substantial temporary enclosure around partially completed areas of construction. Provide lockable entrances to prevent unauthorized entrance, vandalism, theft, and similar violations of security. The General Contractor will walk the site each day to ensure a safe and secure project before leaving at the end of the day.
- I. Barricades, Warning Signs, and Lights: Comply with requirements of authorities having jurisdiction for erecting structurally adequate barricades, including warning signs and lighting.
- J. Temporary Enclosures: Provide temporary enclosures for protection of construction, in progress and completed, from exposure, foul weather, other construction operations, and similar activities. Provide temporary weathertight enclosure for building exterior.
 - 1. Where heating or cooling is needed and permanent enclosure is not complete, insulate temporary enclosures.
- K. Temporary Fire Protection: Install and maintain temporary fire-protection facilities of types needed to protect against reasonably predictable and controllable fire losses. Comply with NFPA 241.
 - 1. Prohibit smoking in construction areas.
 - 2. Supervise welding operations, combustion-type temporary heating units, and similar sources of fire ignition according to requirements of authorities having jurisdiction.
 - 3. Develop and supervise an overall fire-prevention and -protection program for personnel at Project site. Review needs with local fire department and establish procedures to be followed. Instruct personnel in methods and procedures. Post warnings and information.
 - 4. Provide temporary standpipes and hoses for fire protection. Hang hoses with a warning sign stating that hoses are for fire-protection purposes only and are not to be removed. Match hose size with outlet size and equip with suitable nozzles.
 - 5. All work which involves an open flame and/or creates sparks will require a Hot Work Permit from the Construction Manager. These permits must be obtained daily for use onsite.

3.5 OPERATION, TERMINATION, AND REMOVAL

- A. Supervision: Enforce strict discipline in use of temporary facilities. To minimize waste and abuse, limit availability of temporary facilities to essential and intended uses.

- B. Maintenance: Maintain facilities in good operating condition until removal.
 - 1. General Prime Contractor shall maintain operation of temporary enclosures, heating, cooling, humidity control, ventilation, and similar facilities on a 24-hour basis where required to achieve indicated results and to avoid possibility of damage.
- C. Temporary Facility Changeover: Do not change over from using temporary security and protection facilities to permanent facilities until Substantial Completion.
- D. Termination and Removal: Contractors shall remove each temporary facility when need for its service has ended, when it has been replaced by authorized use of a permanent facility, or no later than Substantial Completion. Complete or, if necessary, restore permanent construction that may have been delayed because of interference with temporary facility. Repair damaged Work, clean exposed surfaces, and replace construction that cannot be satisfactorily repaired.
 - 1. Materials and facilities that constitute temporary facilities are property of Contractor. Owner reserves right to take possession of Project identification signs.
 - 2. Remove temporary paving not intended for or acceptable for integration into permanent paving. Where area is intended for landscape development, remove soil and aggregate fill that do not comply with requirements for fill or subsoil. Remove materials contaminated with road oil, asphalt and other petrochemical compounds, and other substances that might impair growth of plant materials or lawns. Repair or replace street paving, curbs, and sidewalks at temporary entrances, as required by authorities having jurisdiction.
 - 3. At Substantial Completion, clean and renovate permanent facilities used during construction period. Comply with final cleaning requirements specified in Division 1 Section "Closeout Procedures." Final cleaning of the facilities will be by the General Contractor.

END OF SECTION 015000



Allies & Ross
Management and Development Corporation
200 Ross Street
Pittsburgh, PA 15219

412-456-5000

**Allies & Ross Management and Development Corporation
IFB#2017-23 –E-P-M Rebid**

New Construction of Northview Midrise Rebid

ATTATCHMENT 3D – PREVAILING WAGE RATES

General Decision Number: PA180033 01/12/2018 PA33

Superseded General Decision Number: PA20170033

State: Pennsylvania

Construction Type: Residential

County: Allegheny County in Pennsylvania.

RESIDENTIAL CONSTRUCTION PROJECTS (consisting of single family homes and apartments up to and including 4 stories)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.35 for calendar year 2018 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/05/2018
1	01/12/2018

BRPA0009-039 12/01/2017

	Rates	Fringes
BRICKLAYER.....	\$ 31.69	21.27

* CARP0142-004 01/01/2018

	Rates	Fringes
CARPENTER (Including Drywall Hanging and Asphalt Roofing)....	\$ 27.34	12.38

GARP1759-007 06/01/2017

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 33.01	16.45

ELEC0005-013 12/23/2017

	Rates	Fringes
ELECTRICIAN.....	\$ 23.75	15.00

* ELEV0006-004 01/01/2018

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 47.22	32.645+A+B

FOOTNOTE:

A. Employer contributes 8% of regular hourly rate as vacation pay credit for employees with more than 5 years of service, and 6% for 6 months to 5 years of service.

B. Eight Paid Holidays (provided employee has worked 5 consecutive days before and the working day after the holiday): New Years's Day; Memorial Day; Independence Day; Labor Day; Veteran's Day; Thanksgiving Day and the Friday after Thanksgiving Day, and Christmas Day.

IRON0003-006 06/01/2017

	Rates	Fringes
IRONWORKER, ORNAMENTAL.....	\$ 33.54	29.87

PLUM0027-005 06/01/2017

	Rates	Fringes
PLUMBER.....	\$ 39.20	21.27

SHEE0012-006 07/01/2013

	Rates	Fringes
Sheet metal worker Excluding HVAC Duct Work....	\$ 16.61	8.46

SUPA2003-001 10/31/2003

	Rates	Fringes
Drywall Finishers.....	\$ 15.08	3.40
Laborers, Unskilled.....	\$ 12.70	2.12
PAINTER (Brush and Roller).....	\$ 15.90	4.35
PLASTERER.....	\$ 18.20	5.16
Power equipment operators: (Backhoe).....	\$ 17.34	4.06
Roofer (Excluding Asphalt Roofing).....	\$ 18.70	5.19
Sheet Metal Worker (HVAC Duct Only).....	\$ 16.00	3.08

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

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

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that

classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

General Decision Number: PA180004 03/16/2018 PA4

Superseded General Decision Number: PA20170004

State: Pennsylvania

Construction Types: Heavy and Highway

Counties: Allegheny, Armstrong, Beaver, Bedford, Blair, Butler, Cambria, Cameron, Centre, Clarion, Clearfield, Clinton, Crawford, Elk, Erie, Fayette, Forest, Franklin, Fulton, Greene, Huntingdon, Indiana, Jefferson, Lawrence, McKean, Mercer, Mifflin, Potter, Somerset, Venango, Warren, Washington and Westmoreland Counties in Pennsylvania.

HEAVY AND HIGHWAY CONSTRUCTION PROJECTS (excluding sewer grouting projects and excluding sewage and water treatment plant projects)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.35 for calendar year 2018 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/05/2018
1	01/12/2018
2	01/26/2018
3	02/09/2018
4	03/16/2018

BOIL0013-005 01/01/2017

CENTRE, FRANKLIN, POTTER, CLINTON, FULTON, HUNTINDON AND MIFFLIN COUNTIES

	Rates	Fringes
BOILERMAKER.....	\$ 44.26	33.02

BOIL0154-004 01/01/2017

ALLEGHENY, ARMSTRONG, BEAVER, BEDFORD, BLAIR, BUTLER, CAMBRIA, CAMERON, CLARION, CLEARFIELD, CRAWFORD, ELK, FAYETTE, FOREST, GREENE, INDIANA, JEFFERSON, LAWRENCE, MCKEAN, MERCER, SOMERSET, VENANGO, WARREN, WASHINGTON AND WESTMORELAND COUNTIES

	Rates	Fringes
BOILERMAKER.....	\$ 40.90	27.27

BOIL0744-003 07/01/2008

ERIE COUNTY

	Rates	Fringes
BOILERMAKER.....	\$ 35.34	18.48

BRPA0005-033 05/01/2016

MIFFLIN COUNTY

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 30.81	15.71

BRPA0005-046 05/01/2016

FRANKLIN COUNTY

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.21	14.18

BRPA0005-071 05/01/2014

CLINTON COUNTY

	Rates	Fringes
BRICKLAYER.....	\$ 31.35	13.85

BRPA0009-004 12/01/2017

BEDFORD, BLAIR, CAMBRIA, CENTRE COUNTY (Halfmoon, Houston, Patton, Rush, Taylor and Worth Townships), FULTON, HUNTINGDON, and SOMERSET COUNTIES

	Rates	Fringes
Bricklayer, Stonemason & Marble Setter.....	\$ 28.81	18.68

BRPA0009-006 12/01/2017

CLEARFIELD, FOREST, JEFFERSON, VENANGO, AND CLARION (Except Brady, Madison, Perry, Porter, Redbank, and Toby Townships) COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 29.37	18.94
Marble mason.....	\$ 29.37	18.94

BRPA0009-023 12/01/2017

BEAVER COUNTY

	Rates	Fringes
BRICKLAYER.....	\$ 29.85	21.22

BRPA0009-025 12/01/2017

BUTLER, LAWRENCE, AND MERCER COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 29.45	20.70

BRPA0009-032 06/01/2017

FAYETTE (Jefferson & Washington Twps), GREENE (Except Cumberland, Dunkirk, Greene, Monongahelia Twps), INDIANA, AND WESTMORELAND (Rostraver Twp) COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 31.00	20.66

BRPA0009-033 12/01/2017

ARMSTRONG, CLARION (Brady, Madison, Perry, Tobe, Porter, Redbank Twps), FAYETTE (Except Jefferson & Washington Twps), GREENE (Cumberland, Dunkirk, Greene, Monongahelia Twps), INDIANA, AND WESTMORELAND (Except Rostrave Twp) COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 31.55	20.76

BRPA0009-034 11/01/2017

ERIE COUNTY

	Rates	Fringes
BRICKLAYER.....	\$ 27.55	19.76

BRPA0009-058 12/01/2017

ALLEGHENY, WASHINGTON (Cross Creek, Hanover, Jefferson, Mt Pleasant, Nottingham, Peters, Robinson, Smith, Union Twps) COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 31.69	21.27

BRPA0009-059 12/01/2017

CAMERON, ELK, MCKEAN, POTTER AND WARREN COUNTIES

	Rates	Fringes
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BRICKLAYER.....\$ 27.18 18.65

CARP2235-005 01/01/2018

	Rates	Fringes
PILEDRIVERMAN		
Piledriverman (welder).....	\$ 34.50	18.55
Piledriverman.....	\$ 33.55	18.55

CARP2235-006 01/01/2018

	Rates	Fringes
Diver.....	\$ 50.33	18.55
Tender.....	\$ 33.55	18.55

CARP2274-001 01/01/2018

	Rates	Fringes
CARPENTER (ALLEGHENY, ARMSTRONG, BEAVER, BUTLER, ERIE, FAYETTE, GREENE, LAWRENCE, MERCER, WASHINGTON, AND WESTMORELAND COUNTIES)		
Carpenters (Welders).....	\$ 34.12	17.77
Carpenters.....	\$ 33.17	17.77

CARPENTER (BEDFORD, BLAIR, CAMBRIA, CAMERON, CENTRE, CLARION, CLINTON, CLEARFIELD, CRAWFORD, ELK, FOREST, FRANKLIN, FULTON, HUNTINGDON, INDIANA, JEFFERSON, MCKEAN, MIFFLIN, POTTER, SOMERSET, VENANGO, AND WARREN COUNTIES)		
Carpenters (Welders).....	\$ 33.87	17.77
Carpenters.....	\$ 32.92	17.77

* ELEC0005-006 12/23/2017

ALLEGHENY, ARMSTRONG, BEDFORD, BLAIR, BUTLER CAMBRIA, CAMERON,
CENTRE (Remainder), CLARION, CLEARFIELD, ELK, FAYETTE, FULTON,
GREENE, HUNTINGDON, INDIANA, JEFFERSON, MCKEAN, SOMERSET,
VENANGO, WASHINGTON, AND WESTMORELAND COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 39.76	25.43

ELEC0056-004 06/05/2017

ERIE, FOREST AND WARREN COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 32.43	3%+22.65

ELEC0126-005 05/29/2017

ALLEGHENY, ARMSTRONG, BEAVER, BEDFORD, BLAIR, CAMBRIA, CENTRE,
CLARION, CLEARFIELD, FAYETTE, FULTON, GREENE, HUNTINGDON,

INDIANA, JEFFERSON, SOMERSET, WASHINGTON AND WESTMORELAND

	Rates	Fringes
Line Construction:		
Groundman.....	\$ 27.14	28.25%+11.00
Lineman.....	\$ 45.24	28.25%+11.00
Truck Driver.....	\$ 29.41	28.25%+11.00
Winch Truck Operator.....	\$ 31.67	28.25%+11.00

ELEC0126-007 05/29/2017

FRANKLIN AND MIFFLIN COUNTIES

	Rates	Fringes
Line Construction:		
Groundman.....	\$ 26.53	28.25%+11.00
Lineman.....	\$ 44.22	28.25%+11.00
Truck Driver.....	\$ 28.74	28.25%+11.00
Winch Truck Operator.....	\$ 30.95	28.25%+11.00

ELEC0143-007 06/01/2016

FRANKLIN and MIFFLIN COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 29.75	21.91

ELEC0712-003 01/01/2018

CRAWFORD, BEAVER, LAWRENCE AND MERCER COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 37.55	22.95

ELEC0812-008 06/01/2017

CLINTON COUNTY

	Rates	Fringes
ELECTRICIAN.....	\$ 33.59	18.61

ELEC0812-009 06/01/2017

POTTER COUNTY

	Rates	Fringes
ELECTRICIAN.....	\$ 34.60	18.64

ELEC0812-011 06/01/2017

CENTRE COUNTY (Burnside, Curtin, Liberty, Howard, Marion, Walker, Miles, Haines Townships)

Rates	Fringes
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ELECTRICIAN.....\$ 33.59 18.61

ELEC1319-004 01/01/2018

BUTLER, CAMERON, CLINTON, CRAWFORD, ELK, ERIE, FOREST,
LAWRENCE, MCKEAN, MERCER, VENANGO, WARREN AND POTTER COUNTIES

	Rates	Fringes
Line Construction:		
Equipment Operator.....	\$ 55.43	19.77
Groundmen.....	\$ 34.37	11.24
Linemen.....	\$ 55.43	21.77
Truck Driver.....	\$ 36.03	11.36

ENG10066-016 01/01/2018

	Rates	Fringes
Power equipment operators:		
(ALLEGHENY, ARMSTRONG,		
BEAVER, BLAIR, BUTLER,		
CAMBRIA, CENTRE, CLARION,		
CLEARFIELD, CRAWFORD, ERIE,		
ELK, FAYETTE, GREENE,		
INDIANA, JEFFERSON, LAWRENCE,		
MCKEAN, MERCER, SOMERSET,		
VENANGO, WARREN, WASHINGTON,		
AND WESTMORELAND COUNTIES)		
GROUP 1.....	\$ 31.29	20.78
GROUP 2.....	\$ 31.03	20.78
GROUP 3.....	\$ 27.38	20.78
GROUP 4.....	\$ 26.92	20.78
GROUP 5.....	\$ 26.67	20.78

Power equipment operators:		
(BEDFORD, CAMERON, CLINTON,		
FOREST, FRANKLIN, FULTON,		
HUNTINGDON, MIFFLIN, AND		
POTTER COUNTIES)		
GROUP 1.....	\$ 31.00	20.78
GROUP 2.....	\$ 30.72	20.78
GROUP 3.....	\$ 27.08	20.78
GROUP 4.....	\$ 26.59	20.78
GROUP 5.....	\$ 26.38	20.78

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 - Asphalt Paving Machine (Spreader), Autograde (C.M.I. and similar); Backfiller, Compactor with Blade, Backhoe - 360 and 180 degree Swing; Cableway; Caisson Drill (similar to Hugh Williams), Central Mix Plant; Cooling Plant; Concrete Paving Mixer, Concrete Pump (self-propelled); Cranes; Cranes (boom or mast over 101ft.\$.50 per each additional 50 feet inclusive of jib), Cranes (Tower Stationary- Climbing Tower Crane); Derrick; Derrick Boat; Dozer(greater than 25,000 lbs.); Dragline; Dredge; Dredge Hydraulic; Elevating Grader; Franki Pile Machine; Gradall (remote control or otherwise), Grader (power-fine grade); Hllift (4 cy. and over); Hoist 2 Drums or more (in one unit); Hydraulic Boom Truck with pivotal cab (single motor-Pitman or similar), (Boom and Mast over 101 feet will be paid an additional 50 feet inclusive of jib if used;)

Kocal; Mechanic, Locomotive (std. Gauge); Metro-chip Harvester or similar; Milling Machine (Roto Mill or similar); Mix Mobile; Mix Mobile (with Self Loading Attachment); Mucking Machine (tunnel); Pile Driver Machine; Pipe Extrusion Machine; Presplitter Drill (self contained); Refrigeration Plant (soil Stabilization) Rough Terrain Crane (25 ton over) (Boom and Mast over 101 feet will be paid an additional 50 feet inclusive of jib if used); Rough Terrain Crane (under 25 ton), Scrapers; Shovel-Power; Slip form Paver (C.M.I. and similar); Trenching Machine (30,000 lbs. and over), Trenching Machine (under 30,000 lb.), Tunnell Machine (Mark XXI Jarva or similar), Vermeer Saw, Whirley, Mechanic, Compactor with blade

GROUP 2: Asphalt plant operator; auger (tractor mtd.); auger (truck mtd.); belt loader (euclid or similar); boring machine; cable placer or layer; Directional drill over 3,000 lbs thrust; concrete batch plant (electronically synchronized); concrete belt placer (C.M.I. and similar); concrete finishing machine and spreader, concrete mixer (over 1 cy.) concrete pump (stationary); core drill (truck or skid mtd. - similar to penn drill), dozer (25,000 lbs or less); Ditch Witch Saw, force feedloader; fork lift (lull or similar); grader - power; grease unit operator (head); guard rail post driver (truck mounted) guard rail post driver (skid type); hiliift (under 4 cy.); skid steer loader; hydraulic boom truck (non-pivotal cab); job work boat (powered), jumbo operator; locomotive (narrow gauge); minor equipment operator (accumulative four units); mucking machine; multi-head saw (groover); overhead crane; roller -power- asphalt; ross carrier; side boom or tractor mounted boom; shuttle buggy (asphalt), stone crusher (screening-washing plants); stone spreader (self propelled) truck mounted drill (davey or similar); welder and repairman; well point pump operator; bidwell concrete finishing machine (or similar).

GROUP 3: Broom Finisher (C.M.I. or similar); Compactors/Rollers (static or vibratory (Self-propelled) on dirt or stone; Curb Builder; Minor Equipment Operator (two or three units); Multi-head Tie Tamper; Pavement Breaker (self-propelled or ridden); Soil Stabilizer Machine; Tire Repairman; Tractor (snaking and hauling); Well Driller and Horizontal: Winch or "A" Frame Truck (when hoisting and lowering).

GROUP 4: Ballast Regulator; Compressor; Concrete Mixer (1 cy. & under with skip); Concrete Saw (Ridden or self-propelled); Conveyor; Elevator (Material hauling only); Fork-lift (Ridden or self-propelled); Form Line Machine; Generator; Groute Pump; Heater (Machinical); Hoist (single Drum); Ladavator, Light Plant; Mulching Machine; Personnel Boat (Powered), Pulverizer, Pumps, Seeding Machine, spray Cure Machine (powered Driven); Subgrader; Tie Puller; Tugger; Welding Machine (Gas or Diesel).

GROUP 5: Deck Hand; Farm Tractor; Fireman on Boiler; Oiler; Power Broom; Side Delivery Shoulder Spreader (attachment);

IRQN0003-001 06/01/2017

ALLEGHENY, FAYETTE, WESTMORELAND, CAMBRIA, INDIANA, ARMSTRONG,

BUTLER, BEAVER, CLARION, AND WASHINGTON COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.54	29.87

IRON0003-007 06/01/2017

BLAIR, CAMERON, CENTRE, CLEARFIELD, CLINTON, ELK, JEFFERSON,
MCKEAN, AND POTTER COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 28.02	28.03

IRON0003-011 06/01/2017

CRAWFORD, ERIE, FOREST, AND WARREN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 28.91	28.03

IRON0207-002 06/01/2015

LAWRENCE, MERCER, AND VENANGO COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 28.06	22.41

IRON0404-008 07/01/2017

FRANKLIN (Remainder), HUNTINGDON (Remainder), AND MIFFLIN
COUNTIES

	Rates	Fringes
IRONWORKER, STRUCTURAL.....	\$ 31.33	28.38

IRON0549-002 12/01/2012

GREENE COUNTY

	Rates	Fringes
IRONWORKER.....	\$ 30.45	16.04

IRON0568-004 05/01/2017

BEDFORD, FRANKLIN (Southwest 1/3), FULTON, HUNTINGDON (Western
2/3), AND SOMERSET COUNTIES

	Rates	Fringes
IRONWORKER Structural, Ornamental, Reinforcing, Machinery Mover, Rigger & Machinery		

Erector, Welder, Fence

Erector.....\$ 28.31 19.46

LAB01058-001 01/01/2018

Rates Fringes

LABORER (BEDFORD, CAMERON,
CENTRE, CLINTON, CRAWFORD,
FOREST, FRANKLIN, FULTON,
HUNTINGDON, JEFFERSON,
MIFFLIN, AND POTTER COUNTIES)

GROUP 1.....\$ 24.85	22.25
GROUP 2.....\$ 25.01	22.25
GROUP 3.....\$ 25.50	22.25
GROUP 4.....\$ 25.95	22.25
GROUP 5.....\$ 26.36	22.25
GROUP 6.....\$ 23.20	22.25
GROUP 7.....\$ 25.85	22.25
GROUP 8.....\$ 27.35	22.25

Laborers: (ALLEGHENY,
ARMSTRONG, BEAVER, BLAIR,
BUTLER, CAMBRIA, CLARION,
CLEARFIELD, ELK, ERIE,
FAYETTE, GREENE, INDIANA,
LAWRENCE, MCKEAN, MERCER,
SOMERSET, VENANGO, WARREN,
WASHINGTON, AND WESTMORELAND
COUNTIES)

GROUP 1.....\$ 24.95	22.25
GROUP 2.....\$ 25.11	22.25
GROUP 3.....\$ 25.50	22.25
GROUP 4.....\$ 25.95	22.25
GROUP 5.....\$ 26.36	22.25
GROUP 6.....\$ 23.20	22.25
GROUP 7.....\$ 25.95	22.25
GROUP 8.....\$ 27.45	22.25

LABORERS CLASSIFICATIONS

GROUP 1: Asphalt curb sealer; Asphalt tamper; Batcherman (weigh) Blaster, Boatman, Brakeman, Change house attendant, Cofferdam, Concrete curing pitman, Puddler, Drill Runner's helper (Includes Drill Mounted on Truck, Track, or similar and Davey Drill Spots, Clean up, helps to maintain), Electric Brush and or Grinder, Fence Construction (Including Fence Machine Operator) Form stripper and Mover, Gabion (Erectors and Placers) Hydro jet blaster nozzleman; Landscape laborer, Manually moved emulsion sprayer, Radio actuated traffic control operator Rip rap work, scaffolds and Runways, Sheeters and Shorers (includes lagging) structural concrete Top Surfacers, Walk Behind Street Sweeper, and Wood Chipper; water boy

GROUP 2: Air tool operator (all types); Asphalt, batch & concrete plant operator (manually operated) Burner, Caisson; men (open air); Carryable pumps; Chain saw operator including attachments, Cribbing, (concrete or steel); Curb machine operator (asphalt or concrete walk behind); Diamond head Core Driller, Drill runner's helper (tunnel) Fork Lift, (walk behind), Form Setter (Road Forms Line man) Highway Slab reinforcement placers (including joint and Basket Setters) Hydraulic pipe pusher; Liner

plates (Tile or Vitrified Clay) Mechanical compacting equipment operators, Mechanical joint sealer, Dope pot and Tar Kettle, Mortar mixer (hand or machine) Muckers, Brakemen & all other Labor, (Includes installation of utility lines) Pipe Layers /Fusion /Heating Iron (Regardless of materials) Portable Single Unit Conveyor, Post Hole Auger, (2 or 4 cycle hand operated) Power wheelbarrows and buggies, Rail porter or similar; Sand blaster; Signal Man, Vibrator operator, All RAILROAD TRACK WORK TO INCLUDE THE FOLLOWING: adzing machine, ballast Router, Bolting Machine, Power Jacks, Rail Drills, Railroad Brakeman, Rail Saws, Spike Drivers (Manually or hand held tool) Spike Pullers Tamping Machine, Thermitweld

GROUP 3: Asphalt Luteman/Raker, Blacksmith, Blaster, Brick, stone and block pavers and block cutters (wood, belgian and asphalt); Cement mortar lining car pusher; Cement mortar mixer (pipe relining); Cement mortar pipe reliners; concrete saw operator (walk behind); Curb cutters and setters; Elevated roadway drainage construction; erector of overhead signs, Form setter (road forms-lead man); Grout machine operator; Guniting or dry pack gun (nozzle and machine man); Manhole or catch basin builder (Brick block concrete or any prefabrication) Miners and drillers (including lining, supporting and form workmen, setting of shields, miscellaneous equipment and jumbos); Multi-plate pipe (aligning and securing); Placing wire mesh on guniting projects; Wagon drill operators (air track or similar); Walk behind ditching machine (trencher or similar); crown screed adjuster and welder

GROUP 4: Reinforcing Steel Placer (Bending, aligning, and securing, Cadweld)

GROUP 5: High Burner, (Any burning not done from deck), Welder (Pipeline)

GROUP 6: Uniformed Flagperson, Watchman

GROUP 7: Toxic/Hazardous Waste Removal Laborer Levels C & D

GROUP 8: Toxic/Hazardous Waste Removal Laborer Levels A & B

PAIN0021-019 05/01/2014

CLINTON COUNTY

	Rates	Fringes
Painters:		
Bridge.....	\$ 32.25	15.80
Brush & Roller.....	\$ 25.95	15.80
Spray.....	\$ 27.95	15.80

PAIN0021-024 05/01/2016

FRANKLIN COUNTY

	Rates	Fringes
PAINTER		
Brush.....	\$ 23.47	12.70

PAIN0057-014 06/01/2017

ALLEGHENY, FAYETTE, GREENE, WASHINGTON COUNTIES

	Rates	Fringes
Painters:		
Bridge.....	\$ 33.95	18.43
Brush & Roller.....	\$ 27.50	18.43
Spray.....	\$ 27.50	18.43

PAIN0057-015 06/01/2016

ARMSTRONG, BEAVER, BEDFORD, BLAIR, BUTLER, CAMBRIA, CENTRE,
CLARION, CLEARFIELD, ELK, FULTON, HUNTINGTON, INDIANA,
JEFFERSON, LAWRENCE, MERCER, MIFFLIN, SOMERSET, VENANGO AND
WESTMORELAND COUNTIES

	Rates	Fringes
Painters:		
Bridge.....	\$ 33.68	17.35
Brush and Roller.....	\$ 27.38	17.35
Spray.....	\$ 27.38	17.35

PAIN0057-022 05/01/2017

	Rates	Fringes
Painters: (ERIE, McKEAN, AND WARREN (Including Columbus and Freehold twps) COUNTIES)		
Bridges, Stacks, Towers.....	\$ 24.37	17.22
Brush and Roller.....	\$ 21.87	17.22
Spray and Sandblasting.....	\$ 22.62	17.22

PAIN0057-027 06/01/2016

CAMERON, CRAWFORD, POTTER, WARREN, (Excluding Columbus and
Freehold twps)

	Rates	Fringes
PAINTER		
Brush and Roller.....	\$ 25.99	16.67

PLAS0526-002 01/01/2018

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 31.04	19.90

PLUM0027-001 06/01/2017

ALLEGHENY, ARMSTRONG, GREENE (Except extreme Eastern portion),
WASHINGTON (Except extreme Eastern portion) and WESTMORELAND
(City of Arnold and City of New Kensington Only) COUNTIES

	Rates	Fringes
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Plumbers and Pipefitters
 (Bridge Drain Pipe).....\$ 39.20 21.27

 PLUM0047-005 05/01/2013

BEAVER, BUTLER, MCKEAN, MERCER, VENANGO, CLARION, LAWRENCE,
 FOREST, WARREN, CRAWFORD, AND ERIE COUNTIES

	Rates	Fringes
Plumbers and Pipefitters		
(Bridge Drain Pipe).....	\$ 38.52	20.11

 PLUM0354-005 06/01/2012

BEDFORD, BLAIR, CAMBRIA, CAMERON, CLEARFIELD, ELK, FAYETTE,
 GREENE (Extreme Eastern portion), HUNTINGDON, INDIANA,
 JEFFERSON, SOMERSE, WASHINGTON (Extreme Eastern portion), AND
 WESTMORELAND COUNTIES

	Rates	Fringes
Plumbers and Pipefitters		
(Bridge Drain Pipe).....	\$ 35.54	19.97

 TEAM0040-001 01/01/2018

	Rates	Fringes
TRUCK DRIVER (ALLEGHENY, ARMSTRONG, BEAVER, BLAIR, BUTLER, CAMBRIA, CENTRE, CLEARFIELD, CRAWFORD, ERIE, FAYETTE, GREENE, INDIANA, JEFFERSON, LAWRENCE, MCKEAN, MERCER, SOMERSET, VENANGO, WARREN, WASHINGTON, AND WESTMORELAND)		
GROUP 1.....	\$ 28.52	18.40
GROUP 2.....	\$ 28.66	18.48
GROUP 3.....	\$ 29.13	18.78

Truck drivers: (BEDFORD,
 CAMERON, CLAIRON, CLINTON,
 ELK, FOREST, FRANKLIN,
 FULTON, HUNTINGDON, MIFFLIN,
 AND POTTER COUNTIES)

GROUP 1.....	\$ 28.36	18.29
GROUP 2.....	\$ 28.52	18.40
GROUP 3.....	\$ 28.98	18.70

FOOTNOTES: A. Hazardous/toxic waste material/work level A
 & B receive additional \$2.50 per hour above classification
 rate

B. Hazardous/toxic waste materials/Work level C & D receive
 \$1.00 per hour above classification

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - Single Axle (2 axles including steering axle);

Includes partsman and warehoueman

GROUP 2 - Tandem - Tri-Axle - Semi-Tractor Trailer
(combination) (3 axles or more including steering axle)

GROUP 3 - Specialty Vehicles; Heavy equipment whose capacity exceeds that for which state licenses are issued specifically refers to units in excess of eight (8) feet width (such as Euclids, Atley Wagon, Payloader, Tournawagons, and similar equipment when not self loaded); Tar and Asphalt Distributors Trucks, Heavy Duty Trailer, such as Low Boy, High Boy

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

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

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of

the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1. Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter

* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION