

## **SECTION 00 02 00 - NOTICE TO BIDDERS**

### **NOTICE TO BIDDERS**

Notice is hereby given that sealed bids will be received:

By: Kalamazoo Public Schools  
600 W. Vine Street  
Kalamazoo, MI 49008

For: Community Education Center Remodel And  
Sitework

At: Kalamazoo Facilities Management Office, 600 W. Vine Street, Kalamazoo, MI  
49008

Until: 2:00 p.m., January 22, 2019

Bid Opening: Bids will be publicly opened and read aloud at 2:05 p.m. (local time), in  
Room 130, 600 W. Vine Street, Kalamazoo, MI 49008.

All work for the complete construction of the Project will be under one or more prime contracts with the Owner based on bids received and on combinations awarded. The Construction Manager will manage the construction of the Project.

Construction shall be in full accordance with the Bidding Documents which are on file with the Owner and may be examined by prospective bidders at the following locations:

Office of the Construction Manager  
The Skillman Corporation  
8120 Moorsbridge Rd. Suite 101  
Portage, MI 49024

Office of the Architect  
Tower Pinkster  
242 E. Kalamazoo Avenue, Suite 100  
Kalamazoo, MI 49007

The Skillman Plan Room

[www.skillmanplanroom.com](http://www.skillmanplanroom.com)

Prime and Non-Prime Contract Bidders must place an order on [www.skillmanplanroom.com](http://www.skillmanplanroom.com) to be able to download documents electronically or request printed documents. There is no cost for downloading the bidding documents. Bidders desiring printed documents shall pay for the cost of printing, shipping and handling. Reprographic Services are provided by:

**Kal-Blue, 914 East Vine Street, Kalamazoo, MI 49001 Phone 269-349-8681**

This is NOT a prevailing wage project.

**A Pre-Bid Conference will be held on January 8, 2019, at 3:00 p.m., local time, in Room 130,** 600 W. Vine Street, Kalamazoo, MI 49008. Attendance by bidders is optional, but recommended in order to clarify or answer questions concerning the Drawings and Project Manual for the Project.

Bid security in the amount of five percent (5%) of the Bid must accompany each Bid in accordance with the Instructions to Bidders.

The successful Bidders will be required to furnish Performance and Payment Bonds for one hundred percent (100%) of their Contract amount prior to execution of Contracts.

Contractors submitting bids for the performance of any Work as specified in this building Project should make such Bids to **Kalamazoo Public Schools**. Contractors are advised that the Contract as finally entered into with any successful Bidder shall be entered into with the Public School District.

The Owner reserves the right to accept or reject any Bid (or combination of Bids) and to waive any irregularities in bidding. All Bids may be held for a period not to exceed days 60 before awarding contracts.

**Kalamazoo Public Schools**

END OF SECTION 00 02 00

## **SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY**

### **PART 1 GENERAL**

#### **1.01 RELATED DOCUMENTS**

- A. Drawings and General Provisions of the Prime Contract, including amended General Conditions and other Division 1 Specification Sections, apply to Work of this Section.

#### **1.02 SUMMARY**

- A. The intent of this Section is to indicate the Work required by the Contractors and to provide information regarding the duties, responsibilities, and cooperation required by the Contractors, with similar requirements for the subcontractors and suppliers.
- B. Owners right to maintain current operations
- C. Occupancy requirements
- D. Work by Owner
- E. Permits, fees, and notices
- F. Labor and materials
- G. Verifications of existing dimensions
- H. Project security
- I. Coordination of work
- J. Time of commencement and completion
- K. Schedule of contract responsibilities

#### **1.03 WORK UNDER SEPARATE CONTRACTS**

- A. Prime Contracts are defined to include the following contracts described in the Schedule of Contract Responsibilities included hereinafter; and each is recognized to be a major part of the project, with Work to be performed concurrently and in close coordination with Work of other Prime Contracts.
- B. The "Contract Documents," as defined in the General Conditions, include "the Drawings." Although Drawings are grouped and identified by classification of the

Work, Contractors shall be responsible for their Work as specified herein and as indicated on the Drawings. Although the majority of the Drawings are "to scale," Contractors are directed to use indicated dimensions for determining material quantities and for other reasons. No additional monies will be allowed due to Contractors using "scaling instruments" to determine material quantities or for other reasons.

- C. Separate prime contracts will be awarded as per the "**Schedule of Contract Responsibilities**" (see Part 3 – Execution). Contractors shall include Work required by the Specifications and Drawings for each contract area defined in the Schedule.
- D. Work for the complete construction of the Project will be under multiple prime contracts with the Owner. The Construction Manager will manage the construction of the Project.
- E. Each Contractor shall be responsible for demolition and disposal of existing items relative to his Contract.

#### **1.04 ADMINISTRATIVE RESPONSIBILITIES OF PRIME CONTRACTORS AND CM**

- A. The Construction Manager shall be responsible for the maintenance of the Construction Schedule and management of every phase of the Work.
  - 1. Each Contractor shall read the Specifications and Drawings for other separate Contracts for fixed equipment and the like to be incorporated or attached or built in to the Work; and familiarize himself with the requirements and responsibilities of other Contracts to enable the required coordination and supervision.
  - 2. Each Contractor shall also familiarize himself with other items to be incorporated into the Work including equipment and Work by the Owner.
  - 3. Each Contractor shall cooperate with the Construction Manager in notifying him when the Work is at a stage to require the services of other Contractors and shall notify the Construction Manager in the event that such other Contractors do not carry out their responsibilities in connection with such notification.
- B. Contractors shall cooperate with and assist the Construction Manager in the preparation of construction progress and procedures, schedule of product deliveries, and their effect on the overall project progress and completion. Other Contractors shall cooperate in getting their Work and the Work of their subcontractors completed according to the schedule as prepared and maintained by the Construction Manager. Each Contractor shall immediately notify the Construction Manager of a delay in delivery of products or the scheduled date of completion that may affect the total progress of construction.

- C. The Owner will furnish the topographical survey, either as a part of these Drawings or separately, giving the general topographical lines existing at the site and the property lines.
- D. Contractors required to make connections to existing utilities, especially sewerage where gravity flow occurs, shall verify grades and locations at points of such connections and shall notify the Construction Manager of circumstances which would adversely affect the proper flow or connection to such facilities.

#### **1.05 PRIME CONTRACTORS USE OF PREMISES**

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
  - 1. Owner Occupancy: Allow for Owner occupancy and use by the public.
  - 2. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.
- B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

#### **1.06 OWNERS RIGHT TO MAINTAIN OPERATIONS**

- A. During the course of this Project, normal and customary functions and operations must be maintained. The Contract Documents are intended to define a strict separation between the school activities of students and staff from the activities of the construction project.
- B. The Construction Manager, Architect, and Owner will not tolerate any visible or audible actions initiated or responded to by any employees of Contractors on this Project toward any students, teachers, or staff members at the school system. Violators shall be promptly removed from the site.
- C. The Owner intends to instruct students, teachers, and staff to refrain from communications with Contractor's personnel working on this Project. All communication with Owner and staff shall be through the Construction Manager.

- D. Contractors must expend their best effort toward protection of the health, safety, and welfare of occupants on the Owner's property during the course of Work on this Project.
- E. Contractors and Subcontractors shall be subject to such rules and regulations for the conduct of the Work as the Owner may establish. Employees shall be properly and completely clothed while working. Bare torsos, legs and feet will not be allowed. Possession or consumption of alcoholic beverages or drugs, tobacco or other noxious behavior on the site is strictly prohibited. Violators shall be promptly removed from the site. Smoking is not permitted on school property or within school buildings.

### **1.07 OCCUPANCY REQUIREMENTS**

- A. Full Owner Occupancy: The Owner will occupy the site and existing building during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with the Owner's operations.
- B. Partial Owner Occupancy: The Owner reserves the right to occupy and to place and install equipment in completed areas of the building prior to Substantial Completion, provided such occupancy does not interfere with completion of the Work. Such placing of equipment and partial occupancy shall not constitute acceptance of the total Work.
  - 1. The Construction Manager will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied prior to Owner occupancy.
  - 2. Party which obtained general building permit shall obtain a Certificate of Occupancy from local building officials prior to Owner occupancy.
  - 3. Prior to partial Owner occupancy, mechanical and electrical systems shall be fully operational. Required inspections and tests shall have been successfully completed. Upon occupancy, the Owner will operate and maintain mechanical and electrical systems serving occupied portions of the building.
  - 4. Upon occupancy, the Owner will assume responsibility for maintenance and custodial service for occupied portions of the building.

### **1.08 WORK BY OWNER**

- A. The Owner intends to complete the following items of Work outside the provisions of these Contract Documents. Contractors shall not restrict or interfere with the Owner's right to the Project to accomplish this Work.
  - 1. Equipment and furniture except as scheduled and specified under Divisions 11 and 12 and shown on the Drawings.
  - 2. Items which may be deleted from Contracts for Work as required by the Contract Documents.

3. Existing school maintenance work.
4. The purchase and supplying of certain materials as noted in the Project Manual.
5. The Owner, under separate contract, shall provide removal of identified asbestos containing materials from the existing structure. The asbestos report is available through the Construction Manager upon request.

#### **1.09 PERMITS, FEES, AND NOTICES**

- A. Bid Category No. 1 General Trades Contractor will secure the general building permit. Each Contractor shall secure and pay for other permits, governmental fees, and licenses necessary for the proper execution and completion of the Contractors Work. Fees to relocate utilities on Owner's property shall be included in the bid of the Contractor doing the relocation.
  1. The Owner shall pay for the cost of the Building Permit.
  2. State filing fees for plan approval are the responsibility of the Owner and will be paid by the Owner.
- B. Utility Tie-Ins: Shall be arranged with local utility company and other involved parties for minimum interruption of service.
- C. Shutdowns of existing systems shall be limited to minimum time required and scheduled with other involved parties. Provide 2 days written notice of shutdown to Construction Manager and Owner.
- D. Inspections of installed work shall be performed by the governing authority as arranged for by the Contractor. Work shall not be covered until approved.
- E. Each Contractor shall give notices and comply with laws, ordinances, rules, regulations, and orders of public authorities bearing on the performance of his Work. If a Contractor observes that the Contract Documents are at variance therewith, he shall promptly notify the Construction Manager in writing, and necessary changes shall be adjusted by appropriate notification. If a Contractor performs Work knowing it to be contrary to such laws, ordinances, rules, and regulations, and without such notice to the Construction Manager, he shall assume full responsibility therefore and shall bear the costs attributable thereto.

#### **1.10 LABOR AND MATERIALS**

- A. Unless otherwise specifically noted, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the proper execution and completion of his Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

- B. Each Contractor shall enforce strict discipline and good order among his employees or other persons carrying out Work of his Contract and shall not permit employment of unfit person or persons or anyone not skilled in the task assigned to them.
- C. Prime Contractors must furnish a letter to the Construction Manager, stating that Contractor shall not assign any of its employees, agents or other individuals to perform any services in the District's facilities or program sites if that individual:
  - 1. Is listed on the Michigan Sex Offender Registry, [www.mipsor.state.mi.us](http://www.mipsor.state.mi.us).
  - 2. Is listed on the Federal Sex Offender Registry [www.nsopw.gov](http://www.nsopw.gov).
  - 3. Has no felony convictions for a minimum of (7) seven years.
  - 4. Has not passed a 5-50 drug screen, testing negative for the following drugs:
    - a. Amphetamines
    - b. Methamphetamines
    - c. Cocaine
    - d. Codeine
    - e. Methadone
    - f. Morphine
    - g. Phencyclidine (PCP)
    - h. Marijuana
- D. ID Stickers will be issued by The Skillman Corporation upon receipt of verification from the Contractor that the employee/subcontractor employee or independent contractor has a satisfactory record to work on the Project. Stickers will be numbered and numbers assigned to each worker to be worn on their hardhat. It is the Contractor's responsibility to maintain a record of contractor's name assigned each number and provide to The Construction Manager upon request.
- E. Consistent with Michigan law, possession or consumption of drugs on school property will promptly be reported to the local police. Consumption of alcoholic beverages or tobacco or other noxious behavior on school owned property is strictly prohibited. Violators shall be promptly removed from the site. Smoking is not permitted on school property or within school buildings.

**1.11 CUTTING AND PATCHING** – Refer to Section 01 73 29 (TowerPinkster) – Cutting and Patching, for provisions on this subject.

**1.12 VERIFICATIONS OF EXISTING DIMENSIONS**

- A. When verification of existing dimensions is required, the Contractor requiring said verification for the construction or fabrication of his material shall be the Contractor responsible for the procurement of the field information.

### **1.13 PROJECT SECURITY**

- A. Each Prime Contractor shall take all reasonable precautions to prevent injury, damage or loss to people and property in, on and adjacent to the project. This shall include not only their own work or property but that of other contractors and the Owner.
- B. If deemed necessary by The Construction Manager a project wide security program may be developed for the purpose of preventing damage or loss at the project site or property adjacent thereto. Once accepted by the Owner, contractors shall comply.

### **1.14 SCHEDULE OF CONTRACT RESPONSIBILITIES - SCOPE**

- A. Contractors shall submit their proposals based on the work included under each contract area as listed herein. Include Work necessary for a complete project, as shown on the Drawings and called for in the Specifications.
- B. Questions concerning the phasing or "Schedule of Contract Responsibilities" should be directed to the Construction Manager, who will be the interpreter and be responsible for this Schedule of Contract Responsibilities and Contract Breakdown, prior to submitting proposals and during construction.
- C. The requirements of Division 1 are a part of the Work of each and every contract area. The Contractor for any one contract area shall be familiar with the Work and requirements of all other contract areas.
- D. Certain Specification Sections describe Work to be performed under several contract areas. (Example: 06 10 00 - Rough Carpentry.) Provide Work of this nature as required for each contract area whether or not enumerated in the Schedule of Contract Responsibilities.
- E. The following contract areas are broken down by Specifications Section conforming basically to the CSI format.
- F. The Drawings and Specifications as furnished for each of the Contracts is for the convenience of the Contractor in preparing a proposal for this Project. However, each Contractor is responsible to review the complete set of Drawings and Specifications to assure that Work required to be installed to complete his phase of the Work is included in his proposal. This "Schedule of Contract Responsibilities" is a definition of the work as it is to be bid in separate contracts. Where a specific item of Work is not defined, but is normally inherent to a trade, or is included in the scope of the applicable technical revision, it will be the responsibility of that Contractor to include the Work in his proposal.
- G. This "Schedule of Contract Responsibilities" is to aid each Contractor in defining the Scope of Work to be included in his proposal. However, omissions from this

"Schedule of Responsibilities" do not relieve the Contractor from including in his proposal that Work which will be required to complete his Contract. Each Contractor should read the "Schedule of Contract Responsibilities" completely to familiarize himself with the Work of other Contractors that may have Work in adjacent areas and to coordinate the interfacing problems that may occur as the work is assembled and constructed.

- H. Where specific Work is to be completed under a particular phase of the Project and the Work is wholly or partially completed by other trades because of the type of work involved or jurisdictional trade agreements, the Contractor will be responsible to subcontract the Work as necessary to complete the Work included in his Contract. No delay in the Work will be allowed due to the failure of the Contractor to subcontract related work required by jurisdictional trade agreements.

**1.15 COORDINATION OF WORK**

- A. Each Contractor is responsible to coordinate his Work with the Work of other trades and other Contractors and requirements of the school system. The Contractor must make space allowances for Work of other Contractors, provide necessary openings where indicated or implied by the Drawings and Specifications. Each Contractor is responsible to protect his own Work.

**1.16 TIME OF COMMENCEMENT AND COMPLETION**

- A. The Contractor shall commence work within ten (10) days after being notified in writing to proceed and shall complete the Work within the time limitations established in the Form of Agreement.
  - 1. It is anticipated that construction will start within **(150)** calendar days after receipt of bids.
  - 2. Construction shall be complete within **(217)** consecutive calendar days, or earlier, after Notice to Proceed.

PART 2 PRODUCTS (Not Used)

**PART 3 EXECUTION**

**3.01 SCHEDULE OF CONTRACT RESPONSIBILITIES**

**3.02 GENERAL REQUIREMENTS**

- A. PROVIDED BY OWNER THROUGH THE CONSTRUCTION MANAGER
  - Section                    01 3200                    Schedules and Reports
  - Section                    01 4510                    Testing Laboratory Services
  - Section                    01 5910                    Project Office
  - Section                    01 7150                    Final Cleaning

**B. PROVIDED BY ALL CONTRACTORS AS APPLICABLE**

Section	01 1200	Multiple Contract Summary
Section	01 2300	Alternates
Section	01 2500	Contract Modification Procedures
Section	01 2800	Schedule of Values
Section	01 2900	Applications for Payment
Section	01 3100	Project Meetings
Section	01 3200	Schedules and Reports
Section	01 3300	Submittal Procedures
Section	01 4510	Testing Laboratory Services (Paragraph 1.05)
Section	01 5050	Temporary Facilities and Controls
Section	01 5460	Environment Protection
Section	01 5480	Utility Protection
Section	01 5630	Water Control
Section	01 5690	Housekeeping & Safety
Section	01 5920	Offices and Sheds
Section	01 6000	Product Requirements
Section	01 7250	Work Layout
Section	01 7300	Execution
Section	01 7329	Cutting and Patching
Section	01 7700	Contract Closeout

All contractors shall subscribe to PlanGrid for use on this project. Number of users is up to the contractor, however, at a minimum your site personnel will be required to use this product to facilitate communication. PlanGrid will be used for the current construction documentation to include, current set, addenda, ASI, As Built Conditions, QA/QC, and Punch List. Visit the [www.PlanGrid.com](http://www.PlanGrid.com) to determine subscription pricing. It is recommended that you have an office administrator to assist your field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding. Visit [www.skillmanplanroom.com](http://www.skillmanplanroom.com) for bid documents

**C. PROVIDED BY DESIGNATED CONTRACTORS**

Section	01 2100	Allowances
Section	01 5110	Temporary Electricity, Lighting and Warning Systems
Section	01 5130	Temporary Heating, Ventilation and Cooling
Section	01 5180	Temporary Fire Protection
Section	01 5210	Construction Aids and Temporary Enclosures
Section	01 5260	Rubbish Container
Section	01 5620	Dust Control

### **3.03 BID CATEGORIES**

- A. BID CATEGORY NO. 1 – General Trades  
General Requirements in Paragraph 3.02.B above.
- |         |  |
|---------|--|
| Section | 01 2100 – Allowances                                 |
| Section | 01 2300 – Alternates                                 |
| Section | 01 4000 – Quality Requirements                       |
| Section | 01 4200 – References                                 |
| Section | 01 5180 – Temporary Fire Protection                  |
| Section | 01 5210 – Construction Aids and Temporary Enclosures |
| Section | 01 5260 – Rubbish Container                          |
| Section | 01 6000 – Product Requirements                       |
| Section | 01 7300 – Execution                                  |
| Section | 01 7329 – Cutting and Patching                       |
| Section | 02 4119 – Selective Structure Demolition             |
| Section | 06 1000 – Rough Carpentry                            |
| Section | 06 4600 – Wood Trim                                  |
| Section | 07 5113 – Built-Up Asphalt Roofing                   |
| Section | 07 7100 – Roof Specialties                           |
| Section | 07 8413 – Penetration Firestopping                   |
| Section | 07 8446 – Fire-Resistive Joint Systems               |
| Section | 07 9200 – Joint Sealants                             |
| Section | 09 2216 – Non-Structural Metal Framing               |
| Section | 09 2613 – Gypsum Veneer Plastering                   |
| Section | 09 5113 – Acoustical Panel Ceilings                  |
| Section | 09 6400 – Wood Flooring                              |
| Section | 09 9123 – Interior Painting                          |
| Section | 10 1100 – Visual Display Surfaces                    |

Clarifications:

1. Furnish all architectural demo including but not limited to white boards, chalk boards, tack boards, chalk trays, wood trim, adhesive, base, chair rail, cornice, flooring, casework, and ceiling grid/tile.
2. Furnish all flooring work including but not limited to vinyl base, wood base, wood flooring, and vct flooring. Include all prep work necessary.
3. Furnish miscellaneous architectural items including but not limited to wood chair rail, cornice, finished end panel (room 304), and seal/patch all existing and new penetrations in walls and floors as noted on A104.
4. Patch plaster walls as indicated.
5. Furnish all roofing demo and patching work.

6. Per Section 01 52 10 – 1.03 B.; Furnish temporary enclosures to separate construction areas from occupied areas to prevent dust and moisture into finished and occupied areas.

7. Work Excluded

a. Sitework (included in Bid Category No. 2 – Sitework)

**B. BID CATEGORY NO. 2 – Sitework**

General requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	01 2300 – Alternates
Section	01 4000 – Quality Requirements
Section	01 4200 – References
Section	01 5620 – Dust Control
Section	01 6000 – Product Requirements
Section	01 7300 – Execution
Section	01 7329 – Cutting and Patching
Section	02 4119 – Selective Structure Demolition
Section	31 1000 – Site Clearing
Section	31 2000 – Earth Moving
Section	32 1313 – Concrete Paving
Section	32 1373 – Concrete Paving Joint Sealants
Section	32 1400 – Unit Paving
Section	32 9200 – Turf and Grasses

Clarifications:

1. Furnish all site demo including but not limited to concrete, posts, and pavers.
2. Protect all existing items that stay including but not limited to curbs, posts, fencing and the building.
3. Restore all disturbed landscaping caused by construction activities.
4. Protect wet concrete for vandalism until it has hardened. Any new concrete that is vandalized, will be replaced at not additional cost to meet specifications.

**C. BID CATEGORY NO. 3 – Plumbing & HVAC**

General requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	01 2300 – Alternates
Section	01 4000 – Quality Requirements
Section	01 4200 – References
Section	01 5130 – Temporary Heating, Ventilation and Cooling

Section	01 6000 – Product Requirements
Section	01 7300 – Execution
Section	01 7329 – Cutting and Patching
Section	02 4119 – Selective Structure Demolition
Section	07 8413 – Penetration Firestopping
Section	07 9200 – Joint Sealants
Section	08 3113 – Access Doors and Frames
Section	08 9000 – Louvers and Vents
Section	22 0500 – Common Work Results for Plumbing
Section	22 0523 – General Duty Valves for Plumbing Piping
Section	22 0529 – Hangers and Supports for Plumbing Piping and Equipment
Section	22 0553 – Identification for Plumbing Piping and Equipment
Section	22 0700 – Plumbing Insulation
Section	22 1116 – Domestic Water Piping
Section	22 1119 – Domestic Water Piping Specialties
Section	22 1316 – Sanitary Waste and Vent Piping
Section	22 1319 – Sanitary Waste Piping Specialties
Section	22 4000 – Plumbing Fixtures
Section	23 0500 – Common Work Results for HVAC
Section	23 0513 – Common Motor Requirements for HVAC Equipment
Section	23 0519 – Meters and Gages for HVAC Piping
Section	23 0523 – General Duty Valves for HVAC Piping
Section	23 0529 – Hangers and Supports for HVAC Piping and Equipment
Section	23 0553 – Identification for HVAC Piping and Equipment
Section	23 0593 – Testing, Adjusting, and Balancing for HVAC
Section	23 0700 – HVAC Insulation
Section	23 0800 – Commissioning of HVAC
Section	23 0900 – Instrumentation and Control for HVAC
Section	23 2113 – Hydronic Piping
Section	23 2123 – Hydronic Pumps
Section	23 2213 – Steam and Condensate Heating Piping
Section	23 2500 – HVAC Water Treatment
Section	23 3113 – Metal Ducts
Section	23 3115 – HVAC Air-Distribution System Cleaning
Section	23 3300 – Air Duct Accessories
Section	23 3600 – Air Terminal Units
Section	23 5700 – Heat Exchangers for HVAC
Section	23 7316 – Packaged Air Handling Units

Clarifications:

1. Furnish all plumbing and HVAC demo including but not limited to plumbing fixtures, thermostats, piping, terminal units, roof top unit, exhaust fan, and all associated accessories.
2. Furnish all HVAC and plumbing related work for a complete installation.

3. Remove and reinstall ceiling grid/tiles as needed to complete your scope of work that are not shown to be replaced.
4. Clean all existing diffusers, grilles, ductwork, and ductwork components as called out on M104.
5. Work Excluded:
  - a. Patching of walls where drinking fountains are removed (by Bid Category No. 1 – General Trades).

**D. BID CATEGORY NO. 4 – Electrical & Technology**

General Requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	01 2300 – Alternates
Section	01 4000 – Quality Requirements
Section	01 4200 – References
Section	01 5110 – Temporary Electricity, Lighting and Warning Systems
Section	01 6000 – Product Requirements
Section	01 7300 – Execution
Section	01 7329 – Cutting and Patching
Section	02 4119 – Selective Structure Demolition
Section	07 8413 – Penetration Firestopping
Section	07 9200 – Joint Sealants
Section	26 0500 – Common Work Results for Electrical
Section	26 0519 – Low-Voltage Electrical Power Conductors and Cables
Section	26 0526 – Grounding and Bonding for Electrical Systems
Section	26 0529 – Hangers and Supports for Electrical Systems
Section	26 0533 – Raceways and Boxes for Electrical Systems
Section	26 0544 – Sleeves and Sleeve Seals for Electrical Raceways and Cabling
Section	26 0553 – Identification for Electrical Systems
Section	26 0923 – Lighting Control Devices
Section	26 2726 – Wiring Devices
Section	26 2913 – Enclosed Controllers
Section	26 2923 – Variable Frequency Motor Controllers
Section	26 2413 – Surge Protection for Low-Voltage Electrical Power Circuits

Clarifications:

1. Furnish all electrical and technology associated demo.
2. Furnish all electrical and technology related work for a complete installation.
3. Remove and reinstall ceiling grid/tiles as needed to complete your scope of work that are not shown to be replaced.

4. Furnish all cutting, patching, and painting in relation to note 3 on E103 if fishing walls is not achievable.
5. Work Excluded:
  - a. Items called out to be by AV Contractor.

END OF SECTION 01 12 00