

## **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: Phoenix High School Addition & Remodeling

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

Until: 2:00 p.m., December 19, 2018

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 November 27, 2018, at 3:00 p.m., local time, in the cafeteria** at Phoenix High School, 1411 Oakland Drive, 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 10 and 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 **(180)** calendar days after receipt of bids.
  2. Construction shall be complete within **(526)** 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 4500S | Masonry Inspection Report   |
| Section | 01 4510  | Testing Laboratory Services |
| Section | 01 5140  | Temporary Telephone         |
| 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 5140	Temporary Telephone
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 7310	Cutting and Patching
Section	01 7700	Contract Closeout

All Contractors shall provide their Superintendents with radios capable of handling multiple channels and compatible with radios used by the Construction Manager.

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 5150	Temporary Water
Section	01 5180	Temporary Fire Protection
Section	01 5210	Construction Aids and Temporary Enclosures
Section	01 5260	Rubbish Container
Section	01 5320	Tree and Plant Protection
Section	01 5330	Barricades

Section	01 5620	Dust Control
Section	01 5680	Erosion Control
Section	01 7200	Field Engineering

### **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 5180 – Temporary Fire Protection
Section	01 5210 – Construction Aids and Temporary Enclosures
Section	01 5260 – Rubbish Container
Section	01 5330 – Barricades
Section	01 7200 – Field Engineering
Section	02 4119 – Selective Structure Demolition
Section	06 1000 – Rough Carpentry
Section	07 4213.19 – Insulated Metal Wall Panels
Section	07 8413 – Penetration Firestopping
Section	07 9200 – Joint Sealants
Section	07 9513.13 – Interior Expansion Joint Cover Assemblies
Section	07 9513.16 – Exterior Expansion Joint Cover Assemblies
Section	08 1113 – Hollow Metal Doors and Frames
Section	08 1416 – Flush Wood Doors
Section	08 3113 – Access Doors and Frames
Section	08 3313 – Coiling Counter Doors
Section	08 7100 – Door Hardware
Section	08 9119 – Fixed Louvers
Section	09 9113 – Exterior Painting
Section	09 9123 – Interior Painting
Section	10 1100 – Visual Display Surfaces
Section	10 1200 – Display Cases
Section	10 1419 – Dimensional Letter Signage
Section	10 1453 – Traffic Signage
Section	10 1463 – Electronic Message Signage
Section	10 2113 – Toilet Compartments
Section	10 2800 – Toilet, Bath, and Laundry Accessories
Section	10 4413 – Fire Protection Cabinets
Section	10 4416 – Fire Extinguishers
Section	10 5113 – Metal Lockers
Section	11 1313 – Loading Dock bumpers
Section	11 3300 – Retractable Stairs
Section	11 6623 – Gymnasium Equipment
Section	11 6643 – Interior Scoreboards
Section	12 2413 – Roller Window Shades
Section	12 3200 – Manufactured Wood Casework

Clarifications:

1. Provide all architectural demo including but not limited to lockers, ceiling tile, ceiling grid, drywall, masonry, casework, doors, frames, hardware, soffit, interior concrete, railings, flooring (including grinding away mastic), etc.
2. Provide all sawcutting and concrete removal where indicated in the construction documents. Any additional areas not indicated in the construction documents will be by the Bid Category needing the work done.
3. Install all owner provided architectural items as noted. Remove and relocate architectural items as noted; this includes the lockers.
4. Provide marquee sign, bumper stops, safety chain, and aluminum lettering.
5. Provide aluminum lettering for the street address on the exterior of the building.
6. Provide all wood blocking, wood sheathing, and column underlayment wraps. "Bid Category 7 – Roofing" is providing blocking associated with the roofing.
7. Provide temp protection of doors, frames, casework, and countertops until final cleaning as directed by Skillman.
8. Provide and coordinate retractable stairs (foldable ladder and ceiling hatch) with structural steel contractor who is providing and installing steel grate system.
9. Provide all site furnishings. Items embedded in concrete are to be given to "Bid Category 2 – Concrete" for them to install.
10. Provide all interior and exterior painting. Include wall patching at anchor holes.
11. Provide caulking of all items provided and installed by this bid category.
12. Provide and maintain flooring protection throughout the duration of the project where floors are to remain.
13. Include a total of 900 man-hours at laborer's pay rate (including all fringe benefits and payroll expenses) to be used per Skillman's direction. At the end of the job, unused hours will be converted to a dollar amount per Wage Scale and returned to the Owner through a deduct Change Order.

14. Provide all aluminum work at the exterior sign including but not limited to the aluminum box and column wraps.

15. Work Excluded

- a. Demo work at new louver locations are by “Bid Category 4 – Masonry”.
- b. Demo of site concrete and loading docks by “Bid Category 3 – Sitework”.
- c. Demo of North buildings (Unit C) by “Bid Category 3 – Sitework”.
- d. Hardware for Aluminum Doors by “Bid Category 8 – Aluminum Glass & Glazing”.
- e. Painting and staining of Wood Floor by “Bid Category 10 – Wood Athletic Flooring”.

**B. BID CATEGORY NO. 2 - Concrete**

General requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	02 4119 – Selective Structure Demolition
Section	03 3000 – Cast-In-Place Concrete
Section	07 2100 – Thermal Insulation
Section	07 9200 – Joint Sealants
Section	12 9300 – Site Furnishings
Section	32 1313 – Concrete Paving
Section	32 1373 – Concrete Paving Joint Sealants

Clarifications:

- 1. Install bollards, “Bid Category 5 – Structural & Miscellaneous Steel” to supply bollards and sleeves. This bid category to include filling bollards with concrete and installing thermoplastic sleeves.
- 2. Install embeds that are within concrete.

**C. BID CATEGORY NO. 3 - Sitework**

General requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	01 5320 – Tree and Plant Protection
Section	01 5620 – Dust Control
Section	01 5680 – Erosion Control
Section	02 4116 – Structure Demolition
Section	02 4119 – Selective Structure Demolition
Section	22 1113 – Facility Water Distribution Piping
Section	22 1313 – Facility Sanitary Sewers
Section	31 1000 – Site Clearing

Section	31 2000 – Earth Moving
Section	31 3116 – Termite Control
Section	32 1216 – Asphalt Paving
Section	32 1723 – Pavement Markings
Section	32 3223 – Segmental Retaining Wall
Section	32 9200 – Turf and Grasses
Section	32 9300 – Plants
Section	33 0100 – Excavating
Section	33 4100 – Storm Utility Drainage Piping

Clarifications:

1. Provide all site/civil demo including but not limited to landscaping, bushes, trees, sidewalks, concrete, sanitary, HMA, leeching basin, loading docks, footings, foundations, underground utilities, and north buildings (Unit C).
2. Relocate sheds as indicated.
3. Remove and replace existing fence where sanitary line is being demoed (SE corner of lot).
4. Provide all civil work including but not limited to catch basins, storm water, sanitary sewer, water service, manholes, retaining walls, Stormtech chambers, below slab insulation, perimeter insulation, and all associated accessories for a complete installation.
  - a. Bring storm water, sanitary sewer, and water service (including Fire Department Connection) to within 5' of the building. "Bid Category 13 – Plumbing & HVAC" and "Bid Category 12 – Fire Suppression" has all work within 5' of the building and interior.
5. Provide site remediation including topsoil and seeding at all areas disturbed by construction activities.
6. Remove and replace existing irrigation system as required.
7. Maintain snow plowing of the laydown and parking areas as needed to keep the area safe and accessible.

D. BID CATEGORY NO. 4 – Masonry

General Requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	02 4119 – Selective Structure Demolition
Section	04 0110 – Masonry Cleaning
Section	04 2000 – Unit Masonry

Section	07 1900 – Water Repellents
Section	07 2100 – Thermal Insulation
Section	07 2726 – Fluid-Applied Membrane Air Barriers
Section	07 8446 – Fire-Resistive Joint Systems
Section	07 9200 – Joint Sealants

Clarifications:

1. Demo masonry and infill as needed for beam pockets.
2. Provide all work associated with creating openings for the new louvers including but not limited to saw cutting, removal of debris, lintel installation, salvaging brick, and tooth-in brick.
3. Provide precast concrete benches.
4. Per “Top of Wall Detail at Acoustic Deck” on G 003, furnish grout in deck flutes at rated/smoke tight CMU walls at acoustic deck.
5. Install all embeds supplied by “Bid Category 5 – Structural & Miscellaneous Steel” that are within masonry walls.
6. Provide all caulking of masonry to masonry joints and where masonry abuts dissimilar material.

E. BID CATEGORY NO. 5 – Structural & Miscellaneous Steel

General Requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	01 5330 – Barricades
Section	02 4119 – Selective Structure Demolition
Section	05 1200 – Structural Steel Framing
Section	05 2100 – Steel Joist Framing
Section	05 3100 – Steel Decking
Section	05 5000 – Metal Fabrications
Section	05 5213 – Pipe and Tube Railings
Section	05 5313 – Bar Grating

Clarifications:

1. Provide lintels needed at new louver openings.
2. Supply bollards to “Bid Category 2 – Concrete” for them to install, this includes the thermoplastic sleeves.
3. Work Excluded:



- a. Installing items embedded in Masonry – by Bid Category 4 – Masonry.
- b. Installing items embedded in Concrete – by Bid Category 2 – Concrete.
- c. Installing acoustical insulation in acoustic decking – by Bid Category 7 – Roofing.

F. BID CATEGORY NO. 6 – Metal Studs, Drywall and Acoustical

General Requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	02 4119 – Selective Structure Demolition
Section	05 4000 – Cold-Formed Metal Framing
Section	06 1600 – Sheathing
Section	07 2413 – Polymer-Based Exterior Insulation and Finish System (EIFS)
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 2900 – Gypsum Board
Section	09 5113 – Acoustical Panel Ceilings
Section	09 5123 – Acoustical Tile Ceilings
Section	09 5423 – Linear Metal Ceilings
Section	09 8433 – Sound-Absorbing Wall Units

Clarifications:

- 1. Provide wall patching of existing drywall walls as noted.
- 2. Provide continuous perimeter vent with insect screen as noted.
- 3. Provide all sealants and firestopping where drywall butts up to drywall or dissimilar material.

G. BID CATEGORY NO. 7 - Roofing

General Requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	02 4119 – Selective Structure Demolition
Section	06 1000 – Rough Carpentry
Section	07 5113 – Built-Up Asphalt Roofing
Section	07 5323 – Ethylene-Propylene-Diene-Monomer (EPDM) Roofing
Section	07 6200 – Sheet Metal Flashing and Trim
Section	07 7100 – Roof Specialties
Section	07 7129 – Manufactured Roof Expansion Joints

Section 07 7200 – Roof Accessories

Clarifications:

1. Tie new roof system into existing roof system. Coordinate with existing roof warranty as to not void its warranty.
2. Provide all roofing demo and patching needed.
3. Provide all blocking and decking covered by and associated with roofing.
4. “Bid Category 5 - Structural & Miscellaneous Steel” is providing the acoustical decking insulation, this bid category is to install the insulation in the flutes.

H. BID CATEGORY NO. 8 – Aluminum Glass & Glazing

General Requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	02 4119 – Selective Structure Demolition
Section	07 9200 – Joint Sealants
Section	07 9200 – Joint Sealants
Section	08 4113 – Aluminum-Framed Entrances and Storefronts
Section	08 4413 – Glazed Aluminum Curtain Walls
Section	08 4523 – Fiberglass-Sandwich-Panel Assemblies
Section	08 5113 – Aluminum Windows
Section	08 7100 – Door Hardware
Section	08 8000 – Glazing

Clarifications:

1. Provide all door hardware associated with your scope of work.
2. Provide caulking of all items installed by this Bid Category.
3. Include final cleaning of all items installed at Substantial Completion or Skillman’s direction.
4. Work Excluded:
  - a. Blocking – by Bid Category 1 – General Trades
  - b. Hardware for wood doors – by Bid Category 1 – General Trades

I. BID CATEGORY NO. 9 – Flooring

General Requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	02 4119 – Selective Structure Demolition
Section	07 9200 – Joint Sealants

Section	09 3000 – Tiling
Section	09 6500 – Resilient Flooring
Section	09 6513 – Resilient Base and Accessories
Section	09 6813 – Tile Carpeting
Section	09 6816 – Sheet Carpeting

Clarifications:

1. Provide and install all flooring patch needed from floor demo operations and as noted. Included flooring patch where plumbing fixtures are removed. Concrete infill where concrete was demoed by “Bid Category 2 – Concrete”.
2. Work Excluded:
  - a. Wood Flooring by “Bid Category 10 – Wood Athletic Flooring”.

J. BID CATEGORY NO. 10 – Wood Athletic Flooring

General Requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	09 6466 – Wood Athletic Flooring

Clarifications:

1. Provide all floor prep required for the installation of the new materials per plans and specifications.

K. BID CATEGORY NO. 11 – Bleachers

General Requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	07 8413 – Penetration Firestopping
Section	07 9200 – Joint Sealants
Section	12 6600 – Telescoping Stands

L. BID CATEGORY NO. 12 – Fire Suppression

General Requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	02 4119 – Selective Structure Demolition
Section	07 8413 – Penetration Firestopping
Section	07 9200 – Joint Sealants
Section	21 0500 – Common Work Results for Fire Suppression
Section	21 1000 – Water Based Fire Suppression Systems

Clarifications:

1. Provide all fire caulking of penetrations created by this Bid Category.

2. Provide all underground work for the Fire Department Connection inside the building and up to 5' outside of the building. "Bid Category 3 – Sitework" has the underground lines after 5' outside the building.
3. Store materials as so no rust or weathering will happen. Clean the piping as needed to prep for paint where it gets painted.
4. Provide all sawcutting, concrete removal, and concrete infill for any work that is needed but not shown on the drawings. All sawcutting shown on drawings is by "Bid Category 1 – General Trades".

K. BID CATEGORY NO. 13 – Plumbing & HVAC

General requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	01 5130 – Temporary Heating, Ventilation and Cooling
Section	01 5150 – Temporary Water
Section	02 4119 – Selective Structure Demolition
Section	07 8413 – Penetration Firestopping
Section	07 9200 – Joint Sealants
Section	22 0500 – Common Work Results for Plumbing
Section	22 0513 – Common Motor Requirements for Plumbing Equipment
Section	22 0519 – Meters and Gages for Plumbing Piping
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 1113 – Facility Water Distribution Piping
Section	22 1116 – Domestic Water Piping
Section	22 1119 – Domestic Water Piping Specialties
Section	22 1313 – Facility Sanitary Sewers
Section	22 1316 – Sanitary Waste and Vent Piping
Section	22 1319 – Sanitary Waste Piping Specialties
Section	22 1413 – Facility Storm Drainage Piping
Section	22 1423 – Storm Drainage Piping Specialties
Section	22 3100 – Domestic Water Softeners
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 0900 – Instrumentation and Control for HVAC
Section	23 0993 – Sequence of Operations for HVAC Controls
Section	23 1123 – Facility Natural Gas Piping
Section	23 2113 – Hydronic Piping
Section	23 2123 – Hydronic Pumps
Section	23 2300 – Refrigerant Piping
Section	23 2500 – HVAC Water Treatment
Section	23 3113 – Metal Ducts
Section	23 3300 – Air Duct Accessories
Section	23 3423 – HVAC Power Ventilators
Section	23 3600 – Air Terminal Units
Section	23 3713 – Diffusers, Registers, and Grilles
Section	23 5100 – Breechings, Chimneys, and Stacks
Section	23 6200 – Packaged Compressor and Condenser Units
Section	23 7313 – Modular Indoor Central Station Air Handling Units
Section	23 8126 – Split System Air Conditioners
Section	23 8221 – Self Contained Vertical Unit Ventilators

Clarifications:

1. Provide all plumbing and HVAC demo.
  - a. Turn items over to Owner as noted.
2. Provide all underground sanitary, storm and water lines inside the building and up to 5' outside of the building. "Bid Category 3 – Sitework" has the underground sanitary, storm, and water lines after 5' outside the building.
3. Provide all gas piping to the generator.
4. Provide insulated sheet metal where were unused portions of louver are not used. Refer to notes on M310.
5. Provide all fire caulking of penetrations this Bid Category creates. Provide caulking of all equipment installed by this Bid Category as noted.
6. Provide all sawcutting, concrete removal, and concrete infill for any work that is needed but not shown on the drawings. All sawcutting shown on drawings is by "Bid Category 1 – General Trades".
7. Provide any concrete equipment pads needed that are not called out on the drawings. Ones identified on the drawings by "Bid Category 2 – Concrete".
8. Provide all temporary heating, cooling, and humidity control required for construction.

L. BID CATEGORY NO. 14 – Electrical & Technology

General requirements in Paragraph 3.02.B above.

Section	01 2100 – Allowances
Section	01 5110 – Temporary Electricity, Lighting and Warning Systems
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 0543 – Underground Ducts and Raceways 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 0943 – Network Lighting Controls
Section	26 2200 – Low Voltage Transformers
Section	26 2416 – Panelboards
Section	26 2726 – Wiring Devices
Section	26 2913 – Enclosed Controllers
Section	26 2923 – Variable Frequency Motor Controllers
Section	26 3213 – Engine Generators
Section	26 3600 – Transfer Switches
Section	26 4313 – Surge Protection for Low-Voltage Electrical Power
Circuits	
Section	26 5100 – Interior Lighting
Section	26 5600 – Exterior Lighting
Section	27 0500 – Common Work Results for Communications
Section	27 0526 – Grounding and Bonding for Communications Systems
Section	27 0528 – Pathways for Communications Systems
Section	27 0529 – Hangers and Supports for Communications Systems
Section	27 0536 – Cable Tray for Communications Systems
Section	27 0553 – Identification for Communications Systems
Section	27 1100 – Communications Equipment Room Fittings
Section	27 1116 – Communications Racks, Frames, and Enclosures
Section	27 1323 – Communications Optical Fiber Backbone Cabling
Section	27 1513 – Communications Copper Horizontal Cabling
Section	28 3100 – Fire Detection and Alarm

Clarifications:

1. Provide all electrical/technology demo. Turn items over to owner as noted and requested.

2. Provide all rough-ins needed for the HVAC controls contractor “Bid Category 13 – Plumbing & HVAC”.
3. Provide all electrical sitework including light pole bases and generator.
4. Provide all fire caulking for penetrations created by this Bid Category.
5. Provide all sawcutting, concrete removal, and concrete infill for any work that is needed but not shown on the drawings. All sawcutting shown on drawings is by Bid Category 3 – General Trades.
6. Coordinate any utility shut downs with Skillman. This work will need to be done on off hours or temp power and lighting will need to be supplied to the contractors.

END OF SECTION 01 12 00