### SECTION 00 02 00 - NOTICE TO BIDDERS

### **NOTICE TO BIDDERS**

Notice is hereby given that sealed bids will be received:

By: Whitley County Consolidated Schools

107 N. Walnut Street Columbia City, IN 46725

For: New Columbia City High School

1600 S. State Road 9 Columbia City, IN 46725

At: Ralph Bailey Administration Center

107 N. Walnut Street Columbia City, IN 46725

Until: 12:00 PM (E.S.T) April 26, 2017

Bid Opening: Bids will be publicly opened and read aloud at 1:00 PM (E.S.T.) on April

26, 2017 in the Ralph Bailey Administration Center.

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 8006 Aetna Street Merrillville, IN 46410 The Skillman Plan Room www.skillmanplanroom.com

<u>Prime and Non-Prime Contract Bidders</u> must place an order on <u>www.skillmanplanroom.com</u> 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:

Reprographic Arts, 1017 Franklin St., Michigan City, IN 46360, Phone (219) 872-9111

WAGE SCALE: Wage Scale does not apply to this project.

A Pre-Bid Conference will be held on April 12, 2017 at 1:00 PM (E.S.T.) at the Ralph Bailey Administration Center. 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 ten percent (10%) 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 **Whitley County Consolidated Schools**. Contractors are advised that the Contract as finally entered into with any successful Bidder may be entered into with the **Whitley County Consolidated Schools**.

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 <u>60 days</u> before awarding contracts.

**Whitley County Consolidated Schools** 

By: Patricia O'Connor, Superintendent

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. 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.

#### 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.

# 1.07 OCCUPANCY REQUIREMENTS

A. Full Owner Occupancy: The Owner will occupy the site and existing buildings 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 and shown on the Drawings.
  - 2. Items which may be deleted from Contracts for Work as required by the Contract Documents.
  - 3. The purchase and supplying of certain materials as noted in the Project Manual.
  - 4. The Owner, under separate contract, shall provide removal of identified asbestos containing materials from the existing houses. The asbestos report is available through the Construction Manager upon request.

# 1.09 PERMITS, FEES, AND NOTICES

- A. The Construction Manager will secure the general building permit for the Owner. Each Contractor shall secure and pay for other permits, governmental fees, and licenses necessary for the proper execution and completion of his Work, which are applicable at the time the bids are also received.
  - 1. 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 weeks 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. 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.
- D. Contractors will conduct criminal background checks (extent of and/or service to be used will be established by the Owner) on every employee assigned to work on the Project and clear them through the National Sex Offender Registry prior to their assignment to Project. Contractors will require the same of sub-contractors.

- E. ID Badges 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.
- F. <u>E-Verify Compliance</u>: Pursuant to I.C. 22-5-1.7, Contractor shall enroll in and verify the work eligibility status of all newly hired employees of Contractor through the E-Verify Program (Program). Contractor is not required to verify the work eligibility status of all newly hired employees through the Program if the Program no longer exists. Also pursuant to I.C. 22-5-1.7, Contractor must execute an affidavit affirming that the Contractor does not knowingly employ an unauthorized alien and confirming Contractor's enrollment in the Program, unless the Program no longer exists, shall be filed with the Owner prior to the execution of this contract. This contract shall not be deemed fully executed until such affidavit is delivered to the Owner.

Contractor and its subcontractors shall not knowingly employ or contract with an unauthorized alien or retain an employee or contract with a person that contractor or its subcontractor subsequently learns is an unauthorized alien. If Contractor violates this provision the Owner shall require Contractor to remedy the violation not later than thirty (30) days after the Owner notifies Contractor. If Contractor fails to remedy the violation within the thirty (30) day period, the Owner shall terminate the contract for breach of contract. If Owner terminates the contract, Contractor shall be liable to the Owner for actual damages in addition to any other contractual remedies. There is a rebuttable presumption that Contractor did not knowingly employ an unauthorized alien if Contractor verified the work eligibility status of the employee through the Program.

Prior to performing any work, Contractor shall require each subcontractor to certify to Contractor that the subcontractor does not knowingly employ or contract with an unauthorized alien and has enrolled in the Program. Contractor shall maintain on file a certification from each subcontractor throughout the duration of this contract or project which is the subject of this contract. If Contractor determines that a subcontractor is in violation of this provision, Contractor may terminate its contract with the subcontractor for such violation. In Accordance with I.C. 5-16-13 Contractor must provide the E-Verify Case Number of every employee that works on the project. This requirement includes the contractor's subs and suppliers to the fourth (4<sup>th</sup>) tier.

G. The Owner is requiring that all contractors' personnel and their onsite employees (trade employees) and subcontractors submit an expanded history check through Safe Hiring Solutions, P.O. Box 295, Danville, IN 46122, 1-888-215-8296. (Contractor is responsible for the cost of this background check). This should meet with the Owner's approval prior to the employee starting work on the project. All contractors' personnel and employees, once cleared for work will be issued a project identification badge that must be worn at all times while on site. All contractors will

be expected to provide the required name, address, picture state driver's license or picture state identification card information to The Skillman Corporation Site Manager no later than 24 hours in advance of the employee coming to work at the project site.

- H. The new Public Works Law pursuant to Indiana Code 5-16-13 Requirements for Contractors on Public Works Projects enacted by the Indiana Legislator requires, in addition to requirements already in effect, contractors to comply with the following:
  - a. Tier 1 –General/Prime Contractors to self-perform 15% of their total Contract.
  - b. Qualification thru the Department of Administration or INDOT. For work on Local Unit Government Projects qualification is only required on contracts of \$300,000 per IC 4-13.6-4.
  - c. **Include Written Drug Testing Plan** that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6 **with Bid.**
  - d. Minimum Insurance Requirements \$1M/occurrence \$2M/aggregate. However, check your bidding requirements as the Owners may have higher limit requirements.
  - e. Mandatory enrollment in E-Verify by all contractors down to the 4<sup>th</sup> Tier Sub Contracts and must provide the case verification number of all employees working on the project.
  - f. Prohibits contractors down to the 4<sup>th</sup> Tier Sub Contract from paying employees in cash.
  - g. Requirement to retain payroll records for 3 years
  - h. All contractors down to the 4<sup>th</sup> Tier Sub Contract must comply with Fair Labor Act, Indiana's Workers Compensation and Unemployment Compensation Insurance.
  - i. Mandatory Training Requirements based upon number of employees.
  - j. Failure to comply may result in debarment from public works projects for up to 4 years.

#### 1.11 CUTTING AND PATCHING

A. Refer to Section 01 73 10 – 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 <u>20</u> calendar days after receipt of bids.
  - 2. Construction shall be complete by **December 6, 2019.**

# PART 3 - EXECUTION

# 3.01 SCHEDULE OF CONTRACT RESPONSIBILITIES

# 3.02 GENERAL REQUIREMENTS

A. PROVIDED BY OWNER THROUGH THE CONSTRUCTION MANAGER

Section	01 32 00	Schedules and Reports
Section	01 45 10	Testing Laboratory Services
Section	01 59 10	Project Office
Section	01 71 50	Final Cleaning
Section	23 05 93	Testing, Adjusting, and Balancing for HVAC

# B. PROVIDED BY ALL CONTRACTORS AS APPLICABLE

Section	01 12 00	Multiple Contract Summary
Section	01 23 00	Alternates
Section	01 25 00	Contract Modification Procedures
Section	01 28 00	Schedule of Values
Section	01 29 00	Applications for Payment
Section	01 31 00	Project Meetings
Section	01 32 00	Schedules and Reports
Section	01 33 00	Submittal Procedures
Section	01 40 00	Quality Requirements
Section	01 45 10	Testing Laboratory Services (Paragraph 1.05)
Section	01 50 50	Temporary Facilities and Controls
Section	01 54 60	Environment Protection
Section	01 54 80	Utility Protection
Section	01 56 30	Water Control
Section	01 56 90	Housekeeping & Safety
Section	01 59 20	Offices and Sheds
Section	01 60 00	Product Requirements
Section	01 72 50	Work Layout
Section	01 73 10	Cutting and Patching
Section	01 77 00	Contract Closeout

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

# C. PROVIDED BY DESIGNATED CONTRACTORS

Section	01 21 00	Allowances
Section	01 51 10	Temporary Electricity, Lighting and Warning Systems
Section	01 51 30	Temporary Heating, Ventilation and Cooling
Section	01 51 50	Temporary Water
Section	01 51 60	Temporary Sanitary Facilities
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Container
Section	01 53 10	Fences (Temporary Security)
Section	01 53 20	Tree and Plant Protection
Section	01 53 30	Barricades
Section	01 55 00	Access Roads and Parking Areas
Section	01 56 20	Dust Control
Section	01 56 80	Erosion Control
Section	01 57 60	Project Signs
Section	01 72 00	Field Engineering

# 3.03 BID CATEGORIES

# A. <u>BID CATEGORY NO. 01 - SITEWORK</u>

DID CHILDC	71(1 1(O, O1 D	TIE WORK
General Requi	rements in Para	graph 3.02.B above.
Section	01 21 00	Allowances
Section	01 51 50	Temporary Water
Section	01 53 10	Fences (Temporary Security)
Section	01 53 20	Tree and Plant Protection
Section	01 55 00	Access Roads and Parking Areas
Section	01 56 20	Dust Control
Section	01 56 80	Erosion Control
Section	01 72 00	Field Engineering
Section	02 41 16	Structure Demolition
Section	10 14 23.12	Exterior Panel Signage
Section	10 14 26	Post and Panel Signage
Section	10 75 00	Flagpoles
Section	11 68 33	Athletic Field Equipment
Section	12 93 00	Site Furnishings and Amenities
Section	31 10 00	Site Clearing
Section	31 20 00	Earth Moving (As Applicable)
Section	32 13 13.00	Site Concrete Paving
Section	32 13 73	Concrete Paving Joint Sealants
Section	32 14 00	Unit Paving
Section	32 18 13	Synthetic Grass Surfacing
Section	32 18 13.01	Manufacturer's Guarantee
Section	32 31 13	Fences and Gates
Section	32 31 19	Ornamental Fences and Gates
Section	32 32 23	Segmental Retaining Walls
Section	32 84 00	Planting Irrigation
Section	32 92 00.00	Turf and Grasses
Section	32 93 00	Plants
Section	32 93 13	Ground Covers and Mulches
Section	33 11 13	Facility Water Distribution Piping
Section	33 13 13	Facility Sanitary Sewers
Section	33 13 43	Facility Packaged Sewage Pumping Stations
Section	33 41 00	Storm Utility Drainage Piping
Section	33 46 00	Subdrainage
Section	33 46 14	Track and Field Drainage Systems

# Clarification No. 1:

Private utility locates may be required. The **Bid Category No. 1 Contractor** is to include in their bid, any costs associated with having a private utility company identify all utilities outside the public utility boundaries.

#### Clarification No. 2:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

#### Clarification No. 3:

The **Bid Category No. 1 Contractor** shall provide dewatering as required to perform their scope of work without causing delays to the overall schedule.

#### Clarification No. 4:

The **Bid Category No. 1 Contractor** is to provide snow removal from parking areas, roads and building access points throughout the duration of the project. The **Bid Category No. 1 Contractor** is also to provide trimming of vegetation within a 5' perimeter of the project limits on a biweekly basis throughout the duration of the project.

#### Clarification No. 5:

Regarding Section 31 20 00-Earth Moving, the **Bid Category No. 1 Contractor** shall provide all earth moving required for their work shown on the site drawings, including establishing the building pads extended to 5' around building perimeter to 10'' below finish floor elevations. Provide gradual transition between lines FB and GE at the High School. The **Bid Category No. 3 Contractor** is responsible for all earth moving shown on Foundation, Structural and Architectural Drawings, including thickened slabs, recessed/raised slab on grade, etc. from these elevations. The **Bid Category No. 3** Contractor shall stockpile excavation spoil at agreed upon areas outside the building footprint for re-use or hauling off-site by the **Bid Category No. 1 Contractor.** 

### Clarification No. 6:

The **Bid Category No. 1 Contractor** is responsible to provide all underground utilities (sanitary sewer, storm sewer, water lines and fire protection line) to within 5'-0" of the building perimeter where the **Bid Category No. 19 Contractor** will provide final connections. All cleanouts, excavation and backfill as required to make final connections is by the **Bid Category No. 19 Contractor**. The courtyards are considered to be inside the building perimeter. **Bid Category No. 1 Contractor** shall provide all downspout lines turned up to building exterior. **Bid Category No. 7** shall make final connections.

#### Clarification No. 7:

Regarding Section 017200- Field Engineering, **Bid Category No. 1 Contractor** shall provide Field Engineering required for work on Site Drawings including the Certified Survey. **Bid Category No. 3 Contractor** shall provide Field Engineering inside the building and at the exterior perimeter required for all work shown on Foundation, Structural, or Architectural Drawings.

### Clarification No. 8

Regarding Section 01 51 50; The **Bid Category No. 1 Contractor** shall provide temporary water supply near the staging area shown on Sheet SLF for the **Bid Category No. 3 and 4 Contractors** use. Once enclosed the **Bid Category No. 19 Contractor** shall provide convenient locations throughout the building(s) for use by all trades.

# Clarification No. 9:

Regarding the existing barn just south of the school's main entrance drive shown to be removed; the **Bid Category No. 1 Contractor** shall remove the western portion of the barn only. The main barn and approximately 30' of the western portion shall remain with the electric service staying intact for approximately two years. The **Bid Category No. 3 Contractor** shall build a new exterior wall to close the end wall created by the **Bid Category No. 1 Contractor**, including insulation and siding. **Bid Category No. 1 Contractor** shall remobilize to remove the portion of barn and electrical service left in use after the Owner has vacated.

### Clarification No. 10:

The **Bid Category No. 1 Contractor** shall remove house driveway entrances, including removal of culvert and re-shaping and seeding of drainage ditch.

### Clarification No. 11:

The **Bid Category No. 1 Contractor** shall include all costs to abandon all existing utilities shown to be removed.

#### Clarification No. 12:

The gas line service to the high school building is by the utility company to the meter. Gas lines servicing outbuildings are the responsibility of the **Bid Category No. 20 Contractor**.

#### Clarification No. 13:

The **Bid Category No. 1 Contractor** shall board up vacated houses until demolition occurs.

#### Clarification No. 14:

The **Bid Category No. 1 Contractor** shall install and maintain a temporary fence around storm detention ponds in addition to all fencing shown on Sheet SLF.

# Clarification No. 15:

The **Bid Category No. 1 Contractor** shall abandon all wells and septic systems at the house removals. File appropriate documents with authorities having jurisdiction.

# B. BID CATEGORY NO. 02 - ASPHALT

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 55 00	Access Roads and Parking Areas
Section	01 72 00	Field Engineering
Section	10 14 53	Traffic Signage
Section	32 12 16	Asphalt Paving
Section	32 18 24	Running Track Surfacing

# Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# C. <u>BID CATEGORY NO. 03 - GENERAL TRADES</u>

General Requirements in Paragraph 3.02.B above.

General R	-	ragraph 3.02.B above.
Section	01 21 00	Allowances
Section	01 51 60	Temporary Sanitary Facilities
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Container
Section	01 53 30	Barricades
Section	01 57 60	Project Signs
Section	01 72 00	Field Engineering
Section	03 06 30.01	Concrete Schedule
Section	03 06 30.02	Typical Slab Depression Legend
Section	03 06 30.03	Concrete Mix Design Submittal
Section	03 30 00	Cast-In-Place Concrete
Section	03 35 19	Colored Concrete Finishing
Section	05 54 10	Trench and Access Covers
Section	05 73 00	Decorative Metal Railings
Section	05 73 13	Glazed Decorative Metal Railing
Section	06 10 00	Rough Carpentry (As Applicable)
Section	06 16 00	Sheathing
Section	06 17 53	Shop-Fabricated Wood Trusses
Section	06 20 13	Exterior Finish Carpentry
Section	06 20 23	Interior Finish Carpentry
Section	06 41 13	Wood-Veneer-Faced Architectural Cabinets
Section	06 61 16	Solid Surface Fabrications
Section	07 11 13	Bituminous Dampproofing (As Applicable)
Section	07 13 00	Sheet Waterproofing
Section	07 84 13	Penetration Firestopping (As Applicable)
Section	07 84 43	Joint Firestopping
Section	07 92 00	Joint Sealants (As Applicable)
Section	07 95 13.13	Interior Expansion Joint Cover Assemblies
Section	08 11 13	Hollow Metal Doors and Frames
Section	08 14 16	Flush Wood Doors
Section	08 14 33	Stile and Rail Wood Doors
Section	08 31 13	Access Doors and Frames
Section	08 33 13	Coiling Counter Doors
Section	08 33 23	Overhead Coiling Doors
Section	08 34 73	Sound-Control Door and Borrowed Lite
		Assemblies
Section	08 36 13	Sectional Doors
Section	08 71 00	Door Hardware
Section	09 64 00	Wood Flooring
Section	09 67 11	Fluid-Applied Urethane Flooring (Kitchen)
Section	09 67 12	Fluid-Applied Epoxy Flooring (Mechanical
		Rooms - Containment)

Section	09 67 23	Resinous Flooring
Section	10 11 00	Visual Display Units
Section	10 12 00.16	Custom Display Cases
Section	10 14 19	Dimensional Letter Signage
Section	10 14 23.16	Interior Panel Signage
Section	10 14 63	Electronic Message Signage
Section	10 21 13.23	Phenolic Toilet Compartments
Section	10 22 13	Wire Mesh Partitions
Section	10 22 39	Operable (Folding Panel) Partitions
Section	10 22 39.13	Operable Glass-Panel Partitions
Section	10 28 00	Toilet, Bath, and Laundry Accessories
Section	10 43 13	Defibrillator Cabinets
Section	10 44 13	Fire Extinguisher Cabinets
Section	10 44 16	Fire Extinguishers
Section	10 51 13	Metal Lockers
Section	10 51 26.23	Phenolic Lockers
Section	10 57 00	Wardrobe and Closet Specialties
Section	10 73 26	Walkway Coverings
Section	11 05 13	Common Motor Requirements for Equipment (As
		Applicable)
Section	11 11 00	Laundry Equipment
Section	11 13 00	Loading Dock Equipment
Section	11 19 00	Detention Equipment
Section	11 31 00	Residential Appliances
Section	11 52 13	Front Projection Screens
Section	11 57 00	Vocational Shop Equipment
Section	11 58 00	Art Room Equipment
Section	11 61 13	Theatre Acoustical Shells
Section	11 61 33	Theatre Rigging, Curtains and Tracks
Section	11 61 34	Theatre Pit Filler Platforms
Section	11 61 43	Acoustical Curtains
Section	11 66 00	Athletic Equipment
Section	11 66 00.01	Athletic Equipment Schedule
Section	12 21 13	Horizontal Louver Blinds
Section	12 24 13	Roller Window Shades
Section	12 48 13	Entrance Floor Mats and Frames
Section	12 61 13	Upholstered Audience Seating
Section	13 34 13	Glazed Structures
Section	13 34 16	Grandstands
Section	13 34 17	Angle Frame Bleachers
Section	13 34 23	Modular Pressbox
Section	13 48 00	Sound, Vibration, and Seismic Control
Section	14 24 00	Hydraulic Elevators
Section	14 42 20	Convertible Stairway Lifts
Section	31 20 00	Earth Moving (As Applicable)

#### Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Clarification No. 2:

The **Bid Category No. 3 Contractor** is to include his bid, sweeping compound and 1000 man-hours for general building and site clean-up (or other work) to be performed by a skilled laborer at the direction of the Construction Manager throughout the duration of the project. At the end of the project, unused hours will be converted into a dollar amount and returned to the Owner as a deduct Change Order.

#### Clarification No. 3:

Regarding Specification Section 07 84 13 - Penetration Firestopping and Section 07 92 00 - Joint Sealants; all contractors are to provide Firestopping and Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

# Clarification No. 4:

Regarding Specification Section 08 71 00 - Door Hardware; the **Bid Category No. 3 Contractor** is to furnish the Door Hardware required for **Bid Category No. 8 Contractor** to install as required by the Contract Documents. The **Bid Category No. 3 Contractor** is to coordinate the turnover of the hardware to the **Bid Category No. 8 Contractor** in a timely manner to prevent any delays to the installation.

#### Clarification No. 5:

Regarding any references to "GC" or "General Contractor" indicated on the Contract Documents, this work is the responsibility of the **Bid Category No. 3 Contractor.** 

# Clarification No. 6:

Regarding Specification Section 06 10 00 Rough Carpentry; the **Bid Category No. 7 Contractor** is responsible to provide all blocking or backing required for roof installation including MEP curbs, roof hatches, coping, fascia, parapet, etc. shown or required on the contract documents. The **Bid Category No. 9 Contractor** is responsible to provide all wood blocking, sheathing or backing within and/or attached to metal stud wall assemblies. The **Bid Category No. 3 Contractor** is responsible to provide all other wood blocking, sheathing or backing required on the contract documents.

# Clarification No. 7:

Regarding Specification Section 06 16 00 Sheathing; the **Bid Category No. 7 Contractor** is responsible to provide all sheathing required for roof installation required on the contract documents. The **Bid Category No. 9 Contractor** is responsible to provide all sheathing attached to metal stud framing assemblies. The **Bid Category No. 3 Contractor** is responsible to provide all other sheathing required on the contract documents.

# Clarification No. 8:

Regarding Specification Section 07 11 13 - Bituminous Dampproofing; the **Bid Category No. 4 Contractor** shall provide all dampproofing required for mortar parge coat on masonry surfaces. The **Bid Category No. 3 Contractor** shall provide all other dampproofing required per the contract documents.

#### Clarification No. 9:

Regarding Section 31 20 00 - Earth Moving, the **Bid Category No. 1 Contractor** shall provide all earth moving required for their work shown on the site drawings, including establishing the building pads extended to 5' around building perimeter to 10'' below finish floor elevations. Provide gradual transition between lines FB and GE at the High School. The **Bid Category No. 3 Contractor** is responsible for all earth moving shown on Foundation, Structural and Architectural Drawings, including thickened slabs, recessed/raised slab on grade, etc. from these elevations. The **Bid Category No. 3** Contractor shall stockpile excavation spoil at agreed upon areas outside the building footprint for re-use or hauling off-site by the **Bid Category No. 1 Contractor.** 

#### Clarification No. 10:

**Bid Category No. 4 Contractor** shall provide drilled and adhesive anchored wall dowels shown on Detail 4/S3.6.

### Clarification No. 11:

Regarding Section 01 72 00 - Field Engineering, **Bid Category No. 1 Contractor** shall provide Field Engineering required for work on Site Drawings including the Certified Survey. **Bid Category No. 3 Contractor** shall provide Field Engineering inside the building and at the exterior perimeter required for all work shown on Foundation, Structural, or Architectural Drawings.

# Clarification No. 12:

Concrete equipment pads and housekeeping pads shown or required for plumbing, mechanical and electrical equipment are the responsibility of the contractor installing or providing the equipment.

#### Clarification No. 13

The **Bid Category No. 3 Contractor** is responsible to provide the Greenhouse. **Bid Category No. 19, 20, and 22 Contractors** shall make connections to equipment. The **Bid Category No. 18 Contractor** shall be responsible for all fire protection work in this area.

# Clarification No. 14:

For construction access, a 2<sup>nd</sup> floor window is to be left out and installed at a later date on the north elevation of Unit B, including stopping the masonry at slab on deck elevation. The **Bid Category No. 4 and 8** Contractors shall remobilize to complete this work. The **Bid Category No. 3 Contractor** shall construct a temporary enclosure with access doors and a secondary interior guardrail system to creating a loading platform. All Contractors utilizing the opening are responsible to open, close, and ensure safe use while using, including safety of others working in the area.

### Clarification No. 15:

Regarding Section 01 52 10; No masonry or storefront will be installed at unit B's connecting link to allow access to the courtyard until the courtyard is complete. Further, no doors will be installed on frames or storefronts at any other entrance until a later date. The **Bid Category No. 3 Contractor** shall temporarily close these areas with hinged doors, and remove when directed by the Construction Manager. The **Bid Category No. 3, 4 and 8 Contractors** shall remobilize to install these areas when directed by the Construction Manager.

### Clarification No. 16:

Regarding the existing barn just south of the school's main entrance drive shown to be removed; the **Bid Category No. 1 Contractor** shall remove the western portion of the barn only. The main barn and approximately 30' of the western portion shall remain with the electric service staying intact for approximately two years. The **Bid Category No. 3 Contractor** shall build a new exterior wall to close the end wall created by the **Bid Category No. 1 Contractor** shall remobilize to remove the portion of barn and electrical service left in use after the Owner has vacated.

#### Clarification No. 17:

The **Bid Category No. 3 Contractor** is to provide access roads sufficient to support structural steel erection cranes within the building perimeter as coordinated with the **Bid Category No. 5 Contractor**. Provide access roads, using sub-grade material as specified for permanent construction. Access roads are to be of a width and thickness equivalent to the volume of material required for the area and located to accommodate steel erection. At the appropriate time, distribute material as required for new construction and as directed by the Construction Manager.

# D. BID CATEGORY NO. 04 - MASONRY

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 52 60	Rubbish Container (As Applicable)
Section	04 20 00	Unit Masonry
Section	04 20 00.01	Masonry Inspection Report
Section	04 72 00	Cast Stone Masonry
Section	05 12 00	Structural Steel Framing (As Applicable)
Section	07 11 13	Bituminous Dampproofing (As Applicable)
Section	07 21 00	Thermal Insulation (As Applicable)
Section	07 92 00	Joint Sealants (As Applicable)
Section	10 41 16	Lock Box

# Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

#### Clarification No. 2:

Regarding Specification Section 07 92 00 - Joint Sealants; all contractors are to provide Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

#### Clarification No. 3:

**Bid Category No. 4 Contractor** shall provide all masonry and steel lintels indicated on or required by Drawings S1.11 thru S1.23. All Steel Beam Lintels shown on Detail 1/S4.4 which are supported by columns shall be provided by **Bid Category No. 5 Contractor** and coordinated with **Bid Category No. 4 Contractor**.

# Clarification No. 4:

**Bid Category No. 5 Contractor** shall furnish all Bearing Plates and layout drawings, as required for and/or indicated on Structural Drawings to **Bid Category No. 4 Contractor** for installation. Bid **Category No. 4 Contractor** shall provide Bearing Plates indicated on Detail 2/S4.4.

#### Clarification No. 5:

Regarding Specification Section 07 11 13 Bituminous Dampproofing; the **Bid Category No. 4 Contractor** shall provide all dampproofing required for mortar parge coat on masonry surfaces. The **Bid Category No. 3 Contractor** shall provide all other dampproofing required per the contract documents.

### Clarification No. 6:

Regarding Section 07 21 00; **Bid Category No. 4 Contractor** shall provide all, cavity wall spray foam insulation required. The **Bid Category No. 9 Contractor** shall provide all other insulation per this Section.

#### Clarification No. 7:

**Bid Category No. 4 Contractor** shall provide drilled and adhesive anchored wall dowels shown on Detail 4/S3.6.

#### Clarification No. 8:

For construction access, a 2<sup>nd</sup> floor window is to be left out and installed at a later date on the north elevation of Unit B, including stopping the masonry at slab on deck elevation. The **Bid Category No. 4 and 8** Contractors shall remobilize to complete this work. The **Bid Category No. 3 Contractor** shall construct a temporary enclosure with access doors and a secondary interior guardrail system to creating a loading platform. All Contractors utilizing the opening are responsible to open, close, and ensure safe use while using, including safety of others working in the area.

#### Clarification No. 9:

Regarding Section 01 52 10; No masonry or storefront will be installed at unit B's connecting link to allow access to the courtyard until the courtyard is complete. Further, no doors will be installed on frames or storefronts at any other entrance until a later date. The **Bid Category No. 3 Contractor** shall temporarily close these areas with hinged doors, and remove when directed by the Construction Manager. The **Bid Category No. 3, 4 and 8 Contractors** shall remobilize to install these areas when directed by the Construction Manager.

# E. BID CATEGORY NO. 05 - STRUCTURAL STEEL

General requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 53 30	Barricades
Section	05 12 00	Structural Steel Framing (As Applicable)
Section	05 21 00	Steel Joist Framing
Section	05 31 00	Steel Decking
Section	05 50 00	Metal Fabrications
Section	05 51 00	Metal Stairs
Section	05 52 13	Pipe and Tube Railings

### Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Clarification No. 2:

**Bid Category No. 4 Contractor** shall provide all masonry and steel lintels indicated on or required by Drawings S1.11 thru S1.23. All Steel Beam Lintels shown on Detail 1/S4.4 which are supported by columns shall be provided by **Bid Category No. 5 Contractor** and coordinated with **Bid Category No. 4 Contractor**.

### Clarification No. 3:

**Bid Category No. 5 Contractor** shall furnish all Bearing Plates and layout drawings, as required for and/or indicated on Structural Drawings to **Bid Category No. 4 Contractor** for installation. Bid **Category No. 4 Contractor** shall provide Bearing Plates indicated on Detail 2/S4.4.

### Clarification No. 4:

The **Bid Category No. 3 Contractor** is to provide access roads sufficient to support structural steel erection cranes within the building perimeter as coordinated with the **Bid Category No. 5 Contractor**. Provide access roads, using sub-grade material as specified for permanent construction. Access roads are to be of a width and thickness equivalent to the volume of material required for the area and located to accommodate steel erection. At the appropriate time, distribute material as required for new construction and as directed by the Construction Manager.

# F. BID CATEGORY NO. 06 - PRE-ENGINEERED STEEL BUILDING

General Requirements in Paragraph 3.02.B above.

Section 13 34 19 Metal Building Systems

Section 13 34 19.01 Guarantee Form

# Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# G. BID CATEGORY NO. 07 - ROOFING & SHEET METAL

General Requirements in Paragraph 3.02.B above.

1		C 1
Section	01 21 00	Allowances
Section	01 52 60	Rubbish Container (As Applicable)
Section	06 10 00	Rough Carpentry (As Applicable)
Section	06 16 00	Sheathing (As Applicable)
Section	07 21 00	Thermal Insulation (As Applicable)
Section	07 31 13	Asphalt Shingles
Section	07 42 13.16	Metal Plate Wall Panels
Section	07 42 13.19	Insulated Metal Wall Panels
Section	07 54 00	Thermoplastic Membrane Roofing (PVC and KEE)
Section	07 62 00	Sheet Metal Flashing and Trim
Section	07 71 00	Roof Specialties
Section	07 72 00	Roof Accessories
Section	07 92 00	Joint Sealants (As Applicable)

# Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Clarification No. 2:

Regarding Specification Section 07 92 00 - Joint Sealants; all contractors are to provide Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

#### Clarification No. 3:

Regarding Specification Section 06 10 00 - Rough Carpentry; the **Bid Category No. 7 Contractor** is responsible to provide all blocking or backing required for roof installation including MEP curbs, roof hatches, coping, fascia, parapet, etc. shown or required on the contract documents. The **Bid Category No. 9 Contractor** is responsible to provide all wood blocking, sheathing or backing within and/or attached to metal stud wall assemblies. The **Bid Category No. 3 Contractor** is responsible to provide all other wood blocking, sheathing or backing required on the contract documents.

### Clarification No. 4:

Regarding Specification Section 06 16 00 - Sheathing; the **Bid Category No. 7 Contractor** is responsible to provide all sheathing required for roof installation required on the contract documents. The **Bid Category No. 9 Contractor** is responsible to provide all sheathing attached to metal stud framing assemblies. The **Bid Category No. 3 Contractor** is responsible to provide all other sheathing required on the contract documents.

# Clarification No. 5:

The **Bid Category No. 1 Contractor** is responsible to provide all underground utilities (sanitary sewer, storm sewer, water lines and fire protection line) to within 5'-0" of the building perimeter where the **Bid Category No. 19 Contractor** will provide final connections. All cleanouts, excavation and backfill as required to make final connections is by the **Bid Category No. 19 Contractor**. The courtyards are considered to be inside the building perimeter. **Bid Category No. 1 Contractor** shall provide all downspout lines turned up to building exterior. **Bid Category No. 7** shall make final connections.

# H. BID CATEGORY NO. 08 - ALUMINUM, GLASS & GLAZING

General Requirements in Paragraph 3.02.B above.

Section	on 01 21 00	Allowances
Section	on 07 92 00	Joint Sealants (As Applicable)
Section	on 08 12 16	Interior Aluminum Doors and Frames
Section	on 08 13 16	Aluminum Doors
Section	on 08 16 13	Fiberglass Doors
Section	on 08 41 13	Aluminum-Framed Entrances and Storefronts
Section	on 08 45 23	Fiberglass-Sandwich-Panel Assemblies
Section	on 08 51 14	Aluminum Windows (Sliding)
Section	on 08 56 00	Special Function Windows
Section	on 08 80 00	Glazing
Section	on 08 81 13	Decorative Glass Glazing
Section	on 08 83 00	Mirrors
Section	on 08 81 13	Decorative Glass Glazing

#### Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Clarification No. 2:

Regarding Section 07 92 00 - Joint Sealants; all contractors are to provide Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

#### Clarification No. 3:

Regarding Specification Section 08 71 00 - Door Hardware; the **Bid Category No. 3 Contractor** is to furnish the Door Hardware required for **Bid Category No. 8 Contractor** to install as required by the Contract Documents. The **Bid Category No. 3 Contractor** is to coordinate the turnover of the hardware to the **Bid Category No. 8 Contractor** in a timely manner to prevent any delays to the installation.

#### Clarification No. 4:

For construction access, a 2<sup>nd</sup> floor window is to be left out and installed at a later date on the north elevation of Unit B, including stopping the masonry at slab on deck elevation. The **Bid Category No. 4 and 8** Contractors shall remobilize to complete this work. The **Bid Category No. 3 Contractor** shall construct a temporary enclosure with access doors and a secondary interior guardrail system to creating a loading platform. All Contractors utilizing the opening are responsible to open, close, and ensure safe use while using, including safety of others working in the area.

# Clarification No. 5:

Regarding Section 01 52 10; No masonry or storefront will be installed at unit B's connecting link to allow access to the courtyard until the courtyard is complete. Further, no doors will be installed on frames or storefronts at any other entrance until a later date. The **Bid Category No. 3 Contractor** shall temporarily close these areas with hinged doors, and remove when directed by the Construction Manager. The **Bid Category No. 3, 4 and 8 Contractors** shall remobilize to install these areas when directed by the Construction Manager.

# I. BID CATEGORY NO. 09 - DRYWALL & CEILINGS

General Requirements in Paragraph 3.02.B above.		
Section	01 21 00	Allowances
Section	01 52 60	Rubbish Container
Section	05 40 00	Cold-Formed Metal Framing
Section	06 10 00	Rough Carpentry (As Applicable)
Section	06 16 00	Sheathing (As Applicable)
Section	07 21 00	Thermal Insulation (As Applicable)
Section	07 24 19	Water-Drainage Exterior Insulation and Finish (EIFS)
Section	07 27 23	Boardstock Air Barrier
Section	07 27 26	Closed-Cell, Medium-Density, Spray
		Polyurethane Foam Air Barrier
Section	07 84 13	Penetration Firestopping (As Applicable)
Section	07 92 00	Joint Sealants (As Applicable)
Section	07 92 19	Acoustical Joint Sealants
Section	09 21 16	Gypsum Board Assemblies
Section	09 26 13	Gypsum Veneer Plastering
Section	09 51 13	Acoustical Panel Ceilings
Section	09 54 23	Linear Metal Ceilings
Section	09 54 24	Linear Wood Ceilings
Section	09 54 36	Suspended Decorative Grids
Section	09 84 00	Acoustical Wall Treatment
Section	09 84 01	Wood Acoustical Wall Treatment
Section	09 84 05	Abuse-Resistant Acoustical Panels
Section	09 84 10	Acoustical Ceiling Treatment
Section	09 96 63	Interior Finish System
Section	10 21 23	Cubicles
Section	10 26 00	Wall and Door Protection

#### Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

### Clarification No. 2:

Regarding Specification Section 07 84 13 - Penetration Firestopping and Section 07 92 00 Joint Sealants; all contractors are to provide Firestopping and Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

### Clarification No. 3:

The **Bid Category No. 9 Contractor** is to include in his bid, 120 man-hours for replacement of stained or damaged ceiling tile to be performed by a skilled carpenter at the direction of the Construction Manager throughout the duration of the project. At the end of the project, unused hours will be converted into a dollar amount and returned to the Owner as a deduct Change Order.

# Clarification No. 4:

Regarding Specification Section 06 10 00 - Rough Carpentry; the **Bid Category No. 7 Contractor** is responsible to provide all blocking or backing required for roof installation including MEP curbs, roof hatches, coping, fascia, parapet, etc. shown or required on the contract documents. The **Bid Category No. 9 Contractor** is responsible to provide all wood blocking, sheathing or backing within and/or attached to metal stud wall assemblies. The **Bid Category No. 3 Contractor** is responsible to provide all other wood blocking, sheathing or backing required on the contract documents.

### Clarification No. 5:

Regarding Specification Section 06 16 00 - Sheathing; the **Bid Category No. 7 Contractor** is responsible to provide all sheathing required for roof installation required on the contract documents. The **Bid Category No. 9 Contractor** is responsible to provide all sheathing attached to metal stud framing assemblies. The **Bid Category No. 3 Contractor** is responsible to provide all other sheathing required on the contract documents.

### Clarification No. 6:

Regarding Section 07 21 00; **Bid Category No. 4 Contractor** shall provide all, cavity wall spray foam insulation required. The **Bid Category No. 9 Contractor** shall provide all other insulation per this Section.

#### Clarification No. 7:

For construction access, a 2<sup>nd</sup> floor window is to be left out and installed at a later date on the north elevation of Unit B, including stopping the masonry at slab on deck elevation. The **Bid Category No. 4 and 8** Contractors shall remobilize to complete this work. The **Bid Category No. 3 Contractor** shall construct a temporary enclosure with access doors and a secondary interior guardrail system to creating a loading platform. All Contractors utilizing the opening are responsible to open, close, and ensure safe use while using, including safety of others working in the area.

# J. BID CATEGORY NO. 10 - TILE FLOORING

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	07 92 00	Joint Sealants (As Applicable)
Section	09 01 60	Concrete Floor Moisture Content and PH Testing
		(Supplemental) (As Applicable)
Section	09 30 00	Tiling

# Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Clarification No. 2:

Regarding Specification Section 07 92 00 - Joint Sealants; all contractors are to provide Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

#### Clarification No. 3:

For construction access, a 2<sup>nd</sup> floor window is to be left out and installed at a later date on the north elevation of Unit B, including stopping the masonry at slab on deck elevation. The **Bid Category No. 4 and 8** Contractors shall remobilize to complete this work. The **Bid Category No. 3 Contractor** shall construct a temporary enclosure with access doors and a secondary interior guardrail system to creating a loading platform. All Contractors utilizing the opening are responsible to open, close, and ensure safe use while using, including safety of others working in the area.

# K. BID CATEGORY NO. 11 - TERRAZZO FLOORING

General Requirements in Paragraph 3.02.B above.

	•	0 1
Section	01 21 00	Allowances
Section	07 92 00	Joint Sealants (As Applicable)
Section	09 01 60	Concrete Floor Moisture Content and PH
		Testing (Supplemental) (As Applicable)
Section	09 66 23	Resinous Matrix Terrazzo Flooring

# Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Clarification No. 2:

Regarding Specification Section 07 92 00 - Joint Sealants; all contractors are to provide Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

# L. <u>BID CATEGORY NO. 12 - CARPET & RESILIENT FLOORING</u>

General Requirements in Paragraph 3.02.B above. 01 21 00 Allowances Section Section 07 92 00 Joint Sealants (As Applicable) Section Concrete Floor Moisture Content and PH 09 01 60 Testing (Supplemental) (As Applicable) Resilient Base and Accessories Section 09 65 13 **Resilient Sheet Flooring** Section 09 65 16 Section 09 65 19 Resilient Tile Flooring Section 09 68 13 Tile Carpeting Section 09 68 16 **Sheet Carpeting** 

### Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

#### Clarification No. 2:

Regarding Specification Section 07 92 00 - Joint Sealants; all contractors are to provide Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

# M. BID CATEGORY NO. 13 - SPORTS FLOORING

General Requirements in Paragraph 3.02.B above.

	1	C 1
Section	07 92 00	Joint Sealants (As Applicable)
Section	09 01 60	Concrete Floor Moisture Content and PH
		Testing (Supplemental) (As Applicable)
Section	09 64 66	Wood Athletic Flooring
Section	09 65 66	Resilient Athletic Flooring

# Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Clarification No. 2:

Regarding Specification Section 07 92 00 - Joint Sealants; all contractors are to provide Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

# N. <u>BID CATEGORY NO. 14 - PAINTING & WALL COVERING</u>

General Requirements in Paragraph 3.02.B above.

	1	$\mathcal{C}^{-1}$
Section	01 21 00	Allowances
Section	06 64 00	Plastic Paneling
Section	07 92 00	Joint Sealants (As Applicable)
Section	09 72 16	Vinyl-Coated Fabric Wall Covering
Section	09 77 13	Stretched-Fabric Wall Systems
Section	09 91 13	Exterior Painting
Section	09 91 23	Interior Painting
Section	09 93 00	Staining and Transparent Finishing
Section	09 96 00	High-Performance Coatings
Section	09 97 37	Dry Erase Coatings

#### Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

#### Clarification No. 2:

Regarding Specification Section 07 92 00 - Joint Sealants; all contractors are to provide Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

#### Clarification No. 3:

The **Bid Category No. 14 Contractor** is responsible for caulking all hollow metal frames.

### Clarification No. 4:

The **Bid Category No. 14 Contractor** is to include in his bid, 160 man-hours at a skilled painter's rate for general touch-up painting to be performed at the direction of the Construction Manager throughout the duration of the project. These hours are not intended to be utilized to address punch list items. At the end of the project, unused hours will be converted into a dollar amount and returned to the Owner as a deduct Change Order.

# O. <u>BID CATEGORY NO. 15 - EDUCATIONAL CASEWORK & EQUIPMENT</u>

General Requirements in Paragraph 3.02.B above.

01 21 00 Allowances Section Section 07 92 00 Joint Sealants (As Applicable) Section Common Motor Requirements for Equipment 11 05 13 (As Applicable) **Laboratory Fume Hoods** Section 11 53 13 Manufactured Metal Casework Section 12 31 00 Section 12 32 16 Manufactured Plastic Laminate-Faced

(Educational) Casework

# Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Clarification No. 2:

Regarding Specification Section 07 92 00 - Joint Sealants; all contractors are to provide Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

# P. <u>BID CATEGORY NO. 16 - TELESCOPING STANDS</u>

General Requirements in Paragraph 3.02.B above. Section 12 66 00.00 Telescoping Stands

# Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Q. <u>BID CATEGORY NO. 17 - FOOD SERVICE EQUIPMENT</u>

General Requirements in Paragraph 3.02.B above.

Section 11 05 13 Common Motor Requirements for Equipment

(As Applicable)

Section 11 40 00 Food Service Equipment

# Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# R. BID CATEGORY NO. 18 - FIRE PROTECTION

General Requirements in Paragraph 3.02.B above.

	1	<i>U</i> 1
Section	01 21 00	Allowances
Section	07 84 13	Penetration Firestopping (As Applicable)
Section	07 92 00	Joint Sealants (As Applicable)
Section	21 05 00	Common Work Results for Fire Suppression
Section	21 10 00	Water-Based Fire Suppression Systems

# Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Clarification No. 2:

Regarding Specification Section 07 84 13 - Penetration Firestopping and Section 07 92 00 Joint Sealants; all contractors are to provide Firestopping and Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

### Clarification No. 3:

Concrete equipment pads and housekeeping pads shown or required for plumbing, mechanical and electrical equipment are the responsibility of the contractor installing or providing the equipment.

# Clarification No. 4:

The **Bid Category No. 3 Contractor** is responsible to provide the Greenhouse. **Bid Category No. 19, 20, and 22 Contractors** shall make connections to equipment. The **Bid Category No. 18 Contractor** shall be responsible for all fire protection work in this area.

### Clarification No. 5:

For construction access, a 2<sup>nd</sup> floor window is to be left out and installed at a later date on the north elevation of Unit B, including stopping the masonry at slab on deck elevation. The **Bid Category No. 4 and 8** Contractors shall remobilize to complete this work. The **Bid Category No. 3 Contractor** shall construct a temporary enclosure with access doors and a secondary interior guardrail system to creating a loading platform. All Contractors utilizing the opening are responsible to open, close, and ensure safe use while using, including safety of others working in the area.

# S. BID CATEGORY NO. 19 - PLUMBING

General Requirements in Paragraph 3.02.B above.		
Section	01 21 00	Allowances
Section	01 51 50	Temporary Water
Section	07 84 13	Penetration Firestopping (As Applicable)
Section	07 92 00	Joint Sealants (As Applicable)
Section	22 00 01	Mechanical Bidders List of Materials and
		Subcontractors
Section	22 05 00	Common Work Results for Plumbing
Section	22 05 01	Basic Plumbing Materials and Methods
Section	22 05 13	Common Motor Requirements for Plumbing Equipment
Section	22 05 19	Meters and Gauges for Plumbing Equipment
Section	22 05 23	General-Duty Valves for Plumbing Piping
Section	22 05 29	Hangers and Supports for Plumbing Piping and
		Equipment
Section	22 05 33	Heat Tracing for Plumbing Piping
Section	22 05 53	Identification for Plumbing Piping and Equipment
Section	22 07 00	Plumbing Insulation
Section	22 11 16	Domestic Water Piping
Section	22 11 19	Domestic Water Piping Specialties
Section	22 11 23	Domestic Water Pumps
Section	22 11 24	Domestic Water Packaged Booster Pumps
Section	22 13 16	Sanitary, Waste, and Vent Piping System
Section	22 14 13	Facility Storm Drainage Piping
Section	22 14 29	Sump Pumps
Section	22 15 19	General-Service Packaged Air Compressors and
		Receivers System
Section	22 31 00	Domestic Water Softeners
Section	22 33 00	Electric Domestic Water Heaters
Section	22 34 00	Fuel-Fired Domestic Water Heaters
Section	22 40 00	Plumbing Fixtures
Section	22 47 00	Drinking Fountains and Water Coolers
Section	31 20 00	Earth Moving (As Applicable)

# Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Clarification No. 2:

Regarding Specification Section 07 84 13 - Penetration Firestopping and Section 07 92 00 - Joint Sealants; all contractors are to provide Firestopping and Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

### Clarification No. 3:

Concrete equipment pads and housekeeping pads shown or required for plumbing, mechanical and electrical equipment are the responsibility of the contractor installing or providing the equipment.

# Clarification No. 4:

Regarding any references to "PC" or "Plumbing Contractor" indicated on the Contract Documents, this work is the responsibility of the **Bid Category No. 19 Contractor.** 

### Clarification No. 5:

The **Bid Category No. 1 Contractor** is responsible to provide all underground utilities (sanitary sewer, storm sewer, water lines and fire protection line) to within 5'-0" of the building perimeter where the **Bid Category No. 19 Contractor** will provide final connections. All cleanouts, excavation and backfill as required to make final connections is by the **Bid Category No. 19 Contractor**. The courtyards are considered to be inside the building perimeter. **Bid Category No. 1 Contractor** shall provide all downspout lines turned up to building exterior. **Bid Category No. 7** shall make final connections.

# Clarification No. 6

Regarding Section 01 51 50; The **Bid Category No. 1 Contractor** shall provide temporary water supply near the staging area shown on Sheet SLF for the **Bid Category No. 3 and 4 Contractors** use. Once enclosed the **Bid Category No. 19 Contractor** shall provide convenient locations throughout the building(s) for use by all trades.

#### Clarification No. 7:

The **Bid Category No. 3 Contractor** is responsible to provide the Greenhouse. **Bid Category No. 19, 20, and 22 Contractors** shall make connections to equipment. The **Bid Category No. 18 Contractor** shall be responsible for all fire protection work in this area.

#### Clarification No. 8:

For construction access, a 2<sup>nd</sup> floor window is to be left out and installed at a later date on the north elevation of Unit B, including stopping the masonry at slab on deck elevation. The **Bid Category No. 4 and 8** Contractors shall remobilize to complete this work. The **Bid Category No. 3 Contractor** shall construct a temporary enclosure with access doors and a secondary interior guardrail system to creating a loading platform. All Contractors utilizing the opening are responsible to open, close, and ensure safe use while using, including safety of others working in the area.

# Clarification No. 9:

The **Bid Category No. 19 and 22 Contractors** shall haul excavation spoils from site.

#### T. BID CATEGORY NO. 20 - MECHANICAL

	Consul Descriptions and in Demograph 2 02 Desk ave		
General Requirements in Paragraph 3.02.B above.			
	Section	01 21 00	Allowances
	Section	01 51 30	Temporary Heating, Ventilation and Cooling
	Section	07 84 13	Penetration Firestopping (As Applicable)
	Section	07 92 00	Joint Sealants (As Applicable)
	Section	23 05 00	Common Work Results for HVAC
	Section	23 05 13	Common Motor Requirements for HVAC Equipment
	Section	23 05 16	Expansion Fittings and Loops for HVAC Piping
	Section	23 05 19	Meters and Gages for HVAC Piping
	Section	23 05 23	General-Duty Valves for HVAC Piping
	Section	23 05 29	Hangers and Supports for HVAC Piping and Equipment
	Section	23 05 33	Heat Tracing for HVAC Piping
	Section	23 05 48	Vibration and Seismic Controls for HVAC
			Piping and Equipment
	Section	23 05 53	Identification for HVAC Piping and Equipment
	Section	23 07 00	HVAC Insulation
	Section	23 09 00	HVAC Direct Digital Controls
	Section	23 09 93	HVAC Sequence of Operation
	Section	23 11 23	Facility Natural Gas Piping
	Section	23 21 13	Hydronic Piping
	Section	23 21 23	Hydronic Pumps
	Section	23 23 00	Refrigerant Piping
	Section	23 23 01	Refrigerant Piping for Variable Refrigerant Flow System
	Section	23 25 00	HVAC Water Treatment
	Section	23 29 23	Variable-Frequency Motor Controllers
	Section	23 36 00	Air Terminal Units
	Section	23 52 16	Condensing Boilers
	Section	23 55 33	Gas-Fired Unit Heaters
	Section	23 64 26	Packaged Air-Cooled Rotary-Screw Chillers
	Section	23 73 13	Modular Indoor Central-Station Air-Handling Units
	Section	23 73 14	Custom Indoor Air Handling Units
	Section	23 73 15	Energy Recovery Equipment
	Section	23 81 23	Computer-Room Air-Conditioners
	Section	23 81 26	Split-System Air-Conditioners
	Section	23 82 20	Blower Coil Units
	Section	23 82 25	Variable Refrigerant Flow - VRF
	Section	23 82 39	Unit Heaters

# Clarification No. 1:

Concrete equipment pads and housekeeping pads shown or required for plumbing, mechanical and electrical equipment are the responsibility of the contractor installing or providing the equipment.

#### Clarification No. 2:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Clarification No. 3:

Regarding Specification Section 07 84 13 - Penetration Firestopping and Section 07 92 00 - Joint Sealants; all contractors are to provide Firestopping and Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

### Clarification No. 4:

Regarding any references to "MC" or "Mechanical Contractor" indicated on the Contract Documents, this work is the responsibility of the **Bid Category No. 20 Contractor.** 

# Clarification No. 5:

The **Bid Category No. 3 Contractor** is responsible to provide the Greenhouse. **Bid Category No. 19, 20, and 22 Contractors** shall make connections to equipment. The **Bid Category No. 18 Contractor** shall be responsible for all fire protection work in this area.

### Clarification No. 6:

For construction access, a 2<sup>nd</sup> floor window is to be left out and installed at a later date on the north elevation of Unit B, including stopping the masonry at slab on deck elevation. The **Bid Category No. 4 and 8** Contractors shall remobilize to complete this work. The **Bid Category No. 3 Contractor** shall construct a temporary enclosure with access doors and a secondary interior guardrail system to creating a loading platform. All Contractors utilizing the opening are responsible to open, close, and ensure safe use while using, including safety of others working in the area.

### Clarification No. 7:

The gas line service to the high school building is by the utility company to the meter. Gas lines servicing outbuildings are the responsibility of the **Bid Category No. 20 Contractor**.

# U. BID CATEGORY NO. 21 - VENTILATION

General Requirements in Paragraph 3.02.B above.

Section 01 21 00 Allowances Section 05 70 00 Decorative Metal Penetration Firestopping (As Applicable) Section 07 84 13 Section 07 92 00 Joint Sealants (As Applicable) Section Louvers and Vents 08 90 00 Section 11 05 13 Common Motor Requirements for Equipment (As Applicable) Metal Ducts Section 23 31 13

beetion	23 31 13	Metal Bacts
Section	23 31 16	Nonmetal Ducts
Section	23 33 00	Air Duct Accessories
Section	23 34 23	<b>HVAC Power Ventilators</b>
Section	23 37 13	Diffusers, Registers, and Grilles
Section	23 37 23	HVAC Gravity Ventilators
Section	23 51 00	Breechings, Chimneys, and Stacks
Section	23 80 54	Dust Collection System

Section 23 80 61 Fume Collection Systems (Electrostatic Precipitator)

## Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Clarification No. 2:

Regarding Specification Section 07 84 13 - Penetration Firestopping and Section 07 92 00 - Joint Sealants; all contractors are to provide Firestopping and Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

# Clarification No. 3:

For construction access, a 2<sup>nd</sup> floor window is to be left out and installed at a later date on the north elevation of Unit B, including stopping the masonry at slab on deck elevation. The **Bid Category No. 4 and 8** Contractors shall remobilize to complete this work. The **Bid Category No. 3** Contractor shall construct a temporary enclosure with access doors and a secondary interior guardrail system to creating a loading platform. All Contractors utilizing the opening are responsible to open, close, and ensure safe use while using, including safety of others working in the area.

# Clarification No. 4:

Concrete equipment pads and housekeeping pads shown or required for plumbing, mechanical and electrical equipment are the responsibility of the contractor installing or providing the equipment.

# V. <u>BID CATEGORY NO. 22 - ELECTRICAL</u>

General Requirements in Paragraph 3.02.B above.

General Requi	tements in Para	graph 3.02.B above.
Section	01 21 00	Allowances
Section	01 51 10	Temporary Electricity, Lighting and Warning Systems
Section	07 84 13	Penetration Firestopping (As Applicable)
Section	07 92 00	Joint Sealants (As Applicable)
Section	11 66 43	Interior Scoreboards
Section	11 68 43	Exterior Scoreboards
Section	26 00 50	General Electrical Requirements
Section	26 05 05	Electrical Testing
Section	26 05 19	Low-Voltage Electrical Power Conductors and Cables
Section	26 05 26	Grounding and Bonding for Electrical Systems
Section	26 05 29	Hangers and Supports for Electrical Systems
Section	26 05 33	Raceways and Boxes for Electrical Systems
Section	26 05 37	Wire Mesh Type Cable Trays
Section	26 05 43	Underground Ducts and Raceways for Electrical
		Systems
Section	26 05 53	Identification for Electrical Systems
Section	26 05 72	Power System Studies
Section	26 08 00	Commissioning of Electrical Systems
Section	26 09 23	Lighting Control Devices
Section	26 09 43	Network Lighting Controls
Section	26 09 61	Theatrical Lighting Control and Equipment
Section	26 22 00	Low-Voltage Transformers
Section	26 24 00	Mini-Power Centers
Section	26 24 13	Switchboards
Section	26 24 16	Panelboards
Section	26 25 00	Enclosed Bus Assemblies
Section	26 27 13	Utility Electric Metering
Section	26 27 26	Wiring Devices
Section	26 28 13	Fuses
Section	26 28 16	Enclosed Switches and Circuit Breakers
Section	26 29 13	Enclosed Controllers
Section	26 32 13	Engine Generators
Section	26 33 23	Battery Inverter Equipment
Section	26 36 00	Transfer Switches
Section	26 40 02	Underground Electrical Service
Section	26 51 00	Interior Lighting
Section	26 56 00	Exterior Lighting
Section	26 56 68	Exterior Athletic Lighting
Section	27 01 00	Operation and Maintenance of Communications
		Systems
Section	27 01 11	Demonstration, Training and Warranty of
		Communications Systems
Section	27 05 00	Common Work Results for Communications

Section	27 05 01	Basic AV Communications Systems
		Requirements
Section	27 05 26	Grounding and Bonding for Communications
		Systems
Section	27 05 28	Pathways for Communications Systems
Section	27 05 53	Identification for Communications Systems
Section	27 11 00	Communications Equipment Room Fittings
Section	27 11 00TM	Manufacturers Material List
Section	27 13 23	Communications Fiber Optical Backbone
		Cabling
Section	27 13 23TM	Manufacturers Material List
Section	27 15 17	Communications Copper Horizontal Cabling
		(Augmented Cat 6A)
Section	27 15 17TM	Manufacturers Material List
Section	27 15 53	Miscellaneous Communications Audio/Video
		Cabling
Section	27 15 53TM	Manufacturers Material List
Section	27 41 01	Professional Audio/Video System
Section	27 51 25	IP Based Intercommunications and Program
		Systems
Section	27 53 15	Synchronous Wireless Clock Systems
Section	28 05 10	Common Work Results for Electronic Safety and
		Security
Section	28 05 23	Conductors and Cables for Electronic Safety and
		Security
Section	28 13 10	Access Control
Section	28 16 00	Intrusion Detection
Section	28 23 11	IP Video Surveillance
Section	28 31 11	Digital, Addressable Fire-Alarm System
Section	31 20 00	Earth Moving (As Applicable)
		<b>C</b> , <b>11</b> /

# Clarification No. 1:

All contractors shall subscribe to PlanGrid for use on this project. The number of users is up to the contractor. PlanGrid will be used for the current construction documentation to include, current set, addenda, SI's, RFI's, As-Built Conditions, QA/QC, and Punch Lists. Visit <a href="www.PlanGrid.com">www.PlanGrid.com</a> to determine subscription pricing. At a minimum, onsite personnel will be required to use this product to facilitate communication. It is recommended that an office administrator assist field personnel. PlanGrid is a tool for the construction phase and will not be used for bidding.

# Clarification No. 2:

Concrete equipment pads and housekeeping pads shown or required for plumbing, mechanical and electrical equipment are the responsibility of the contractor installing or providing the equipment.

# Clarification No. 3:

Regarding Specification Section 07 84 13 - Penetration Firestopping and Section 07 92 00 - Joint Sealants; all contractors are to provide Firestopping and Joint Sealants in accordance with the Contract Documents. In general, the Contractor whose work creates a joint that requires firestopping or joint sealant (in the normal sequence of work) is to provide the firestopping or joint sealant.

# Clarification No. 4:

Regarding any references to "EC" or "Electrical Contractor" indicated on the Contract Documents, this work is the responsibility of the **Bid Category No. 22 Contractor.** 

### Clarification No. 5:

The **Bid Category No. 3 Contractor** is responsible to provide the Greenhouse. **Bid Category No. 19, 20, and 22 Contractors** shall make connections to equipment. The **Bid Category No. 18 Contractor** shall be responsible for all fire protection work in this area.

#### Clarification No. 6:

For construction access, a 2<sup>nd</sup> floor window is to be left out and installed at a later date on the north elevation of Unit B, including stopping the masonry at slab on deck elevation. The **Bid Category No. 4 and 8** Contractors shall remobilize to complete this work. The **Bid Category No. 3 Contractor** shall construct a temporary enclosure with access doors and a secondary interior guardrail system to creating a loading platform. All Contractors utilizing the opening are responsible to open, close, and ensure safe use while using, including safety of others working in the area.

# Clarification No. 7:

The Bid Category No. 19 and 22 Contractors shall haul excavation spoil from site.

# W. BID CATEGORY NO. 23 – Low-Voltage Systems

(The work	of the followin	g specification sections is to be bid at a later date)
Section	27 15 11	Conductors and Cables for Intercom, Public
		Address and Mass Notifications Systems
Section	27 21 19	Data Communications Switches
Section	27 21 33	Data Communications Wireless Access Points
Section	27 31 25	Voice Over IP Telephone System
Section	27 41 33	Integrated A/V Equipment (Video Projectors)
Section	27 41 43	Integrated A/V Equipment (Televisions)
Section	27 41 53	Integrated A/V Accessories (Blu Ray, Carts, HDMI,
		Etc.)
Section	27 41 54	Integrated A/V Integrated A/V Accessories (Remote
		Origination Carts)
Section	27 41 63	Television Studio
Section	27 41 65	Radio Broadcasting
Section	27 51 16	Public Address and Mass Notification Systems
Section	27 51 17	Sound Reinforcement System