

SECTION 00 02 00 - NOTICE TO BIDDERS

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received:

By: Zionsville Community Schools
900 Mulberry St.
Zionsville, IN 46077

For: ZCS New Early Learning Center/Educational Services Center
Zionsville, IN

At: Zionsville Community Schools
900 Mulberry Street
Zionsville, IN 46077

Until: 2:00PM (local time), July 23, 2025

Bid Opening: Bids will be publicly opened and read aloud at 2:00 PM (local time), at
Zionsville Community Schools, 900 Mulberry Street, Zionsville, IN
46077.

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
3834 S. Emerson Avenue, Building A
Indianapolis, IN 46203

The Skillman Plan Room
www.skillmanplanroom.com

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

Eastern Engineering 9901 Allisonville Road, Fishers, IN 46038, Phone 317-598-0661.

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

A Pre-Bid Conference will be held on June 26, 2025 at 1:00pm, local time, via Microsoft Teams.

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 292 156 139 612 4

Passcode: dk2UZ9vN

Dial in by phone

[+1 317-762-3960,,695431012#](#) United States, Indianapolis

[Find a local number](#)

Phone conference ID: 695 431 012#

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 **Zionsville Community Schools (a public building corporation)**. Contractors are advised that the Contract as finally entered into with any successful Bidder may be entered into with either the School Corporation or the Building Corporation or certain portions of the Contract may be entered into by both the School Corporation and the Building Corporation.

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 **60** days before awarding contracts.

Zionsville Community Schools

By: Matthew Doublestein

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 into the Work; and familiarize himself with the requirements and responsibilities of other Contracts to enable the required coordination and supervision.
 - 2. Each Contractor shall also familiarize himself with other items to be incorporated into the Work including equipment and Work by the Owner.
 - 3. Each Contractor shall cooperate with the Construction Manager in notifying him when the Work is at a stage to require the services of other Contractors and shall notify the Construction Manager in the event that such other Contractors do not carry out their responsibilities in connection with such notification.
- B. Contractors shall cooperate with and assist the Construction Manager in the preparation of construction progress and procedures, schedule of product deliveries, and their effect on the overall project progress and completion. Other Contractors shall cooperate in getting their Work and the Work of their subcontractors completed according to the schedule as prepared and maintained by the Construction Manager. Each Contractor shall immediately notify the Construction Manager of a delay in delivery of products or the scheduled date of completion that may affect the total progress of construction.
- C. The Owner will furnish the topographical survey, either as a part of these Drawings or separately, giving the general topographical lines existing at the site and the property lines.

- D. Contractors required to make connections to existing utilities, especially sewerage where gravity flow occurs, shall verify grades and locations at points of such connections and shall notify the Construction Manager of circumstances which would adversely affect the proper flow or connection to such facilities.

1.05 PRIME CONTRACTORS USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
 - 1. Owner Occupancy: Allow for Owner occupancy and use by the public.
 - 2. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.
- B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.
- C. The erection of signage other than what is specified in the contract documents is prohibited.
- D. The use of drones on the property is restricted without prior written permission. Operators must be licensed and have insurance specific to the operation of aerial drones.
- E. Photographs or other imagery of the work in progress or renderings of the project shall not include any personal identifiable information of the project, the property, the Owner, or any occupants.

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

1.08 WORK BY OWNER

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

2. Items which may be deleted from Contracts for Work as required by the Contract Documents.
3. Existing school maintenance work.
4. The purchase and supplying of certain materials as noted in the Project Manual.
5. The Owner, under separate contract, shall provide removal of identified asbestos containing materials from the existing structure. The asbestos report is available through the Construction Manager upon request.

1.09 PERMITS, FEES, AND NOTICES

- A. 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. Fees to relocate utilities on Owner's property shall be included in the bid of the Contractor doing the relocation.
 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 days written notice of shutdown to Construction Manager and Owner.
- D. Inspections of installed work shall be performed by the governing authority as arranged for by the Contractor. Work shall not be covered until approved.
- E. Each Contractor shall give notices and comply with laws, ordinances, rules, regulations, and orders of public authorities bearing on the performance of his Work. If a Contractor observes that the Contract Documents are at variance therewith, he shall promptly notify the Construction Manager in writing, and necessary changes shall be adjusted by appropriate notification. If a Contractor performs Work knowing it to be contrary to such laws, ordinances, rules, and regulations, and without such notice to the Construction Manager, he shall assume full responsibility therefore and shall bear the costs attributable thereto.

1.10 LABOR AND MATERIALS

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

- B. Each Contractor shall enforce strict discipline and good order among his employees or other persons carrying out Work of his Contract and shall not permit employment of unfit person or persons or anyone not skilled in the task assigned to them.
- C. 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. E-Verify Compliance: 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 (4th) tier.

- G. The Owner is requiring that all contractors' personnel and their onsite employees and subcontractors submit to expanded history and child protection index check. Contractors shall enroll in the Safe Vendor Program through Safe Hiring Solutions www.safehiringsolutions.com. Enrollment in Safe Vendor will ensure contractors employees are vetted in accordance with I.C. 20-26-5-10 for expanded criminal history and expanded child protection index check. Contractor is responsible for the cost of enrollment and employee background check. 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/subcontractors employees shall provide name, address, picture state driver's license or picture identification card and/or Safe Vendor Card to The Skillman Corporation Site Manager upon request.
- H. 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:
1. Tier 1 –General/Prime Contractors to self-perform 15% of their total Contract.
 2. Qualification thru the Department of Administration or INDOT requirement in accordance with IC 4-13.6-4.
 - a. **Bids shall not be considered unless (1) the Prime Bidder and (2) all lower tiered subcontractors whose subcontract value is estimated to be \$300,000 or more are qualified at the time of the bid in accordance with IC 4 – 13.6 – 4.**
 3. 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.
 4. Minimum Insurance Requirements \$1M/occurrence \$2M/aggregate. However, check your bidding requirements as the Owners may have higher limit requirements.
 5. Mandatory enrollment in E-Verify by all contractors down to the 4th Tier Sub Contracts and must provide the case verification number of all employees working on the project.

6. Prohibits contractors down to the 4th Tier Sub Contract from paying employees in cash.
 7. Requirement to retain payroll records for 3 years
 8. All contractors down to the 4th Tier Sub Contract must comply with Fair Labor Act, Indiana's Workers Compensation and Unemployment Compensation Insurance.
 9. Mandatory Training Requirements based upon number of employees.
 10. Failure to comply may result in debarment from public works projects for up to 4 years.
- I. All contractors down to the 4th Tier Sub Contract must maintain general liability insurance in at least the following amounts: Each Occurrence Limit of \$1,000,000 and General Aggregate Limit of \$2,000,000. Other requirements and limits may apply see specification section 00 50 00 Schedule of Insurance Requirements.

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 **60** calendar days after receipt of bids.
 2. Construction shall be complete within **689** consecutive calendar days, or earlier, after Notice to Proceed.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.01 SCHEDULE OF CONTRACT RESPONSIBILITIES

3.02 GENERAL REQUIREMENTS

A. PROVIDED BY OWNER THROUGH THE CONSTRUCTION MANAGER

| | | |
|---------|----------|--|
| Section | 01 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 | 07 05 23 | Pressure Testing an Air Barrier System for Air Tightness |
| 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 2 300 | 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 29 | Cutting and Patching |
| Section | 01 77 00 | Contract Closeout |

Section 01 91 13 General Commissioning Requirements

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

Autodesk Build is replacing **PlanGrid**. **Autodesk Build** does not require users to purchase a license. **Contractors** will be invited to the project and required to use this tool. **Autodesk Build** will be used as the **Current Set** and **As-Built Record Drawings**. Additionally, it will be used to track **Issues** for **Safety, QA/QC, Non-Compliance Issues, Work Completion List** and **Punch List**.

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 30 | Water Control |
| Section | 01 56 80 | Erosion Control |
| Section | 01 57 60 | Project Signs |
| Section | 01 72 00 | Field Engineering |

3.03 BID CATEGORIES

A. **BID CATEGORY NO. 1 – GENERAL TRADES**

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|----------|--|
| 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 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 |
| Section | 03 06 30.01 | Concrete Schedule |
| Section | 03 30 00 | Cast-in-Place Concrete |
| Section | 05 58 13 | Column Covers |
| Section | 05 73 00 | Decorative Metal Railings |
| Section | 06 10 00 | Rough Carpentry |
| Section | 06 16 00 | Sheathing |
| Section | 06 20 23 | Interior Finish Carpentry |
| Section | 06 42 00 | Wood Paneling |
| Section | 07 05 23 | Pressure Testing an Air Barrier System for Air Tightness |
| Section | 07 13 00 | Sheet Waterproofing |
| Section | 07 84 13 | Penetration Firestopping |
| Section | 07 84 43 | Joint Firestopping |
| Section | 07 92 00 | Joint Sealants |
| 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 31 13 | Access Doors and Frames |
| Section | 08 33 13 | Coiling Counter Doors |
| Section | 08 33 23 | Overhead Coiling Doors |
| Section | 08 36 13 | Sectional Doors |
| Section | 08 71 00 | Door Hardware |
| Section | 08 81 13 | Decorative Glass Glazing |
| Section | 08 91 19 | Fixed Louvers |
| Section | 09 66 23 | Resinous Matrix Terrazzo Flooring |
| Section | 09 67 11 | Fluid-Applied Cementitious Urethane Flooring |
| Section | 09 67 12 | Fluid-Applied Epoxy Aggregate Flooring |
| Section | 09 67 23 | Decorative Resinous Flooring (Aggregate) |
| Section | 10 11 00 | Visual Display Units |
| Section | 10 14 19 | Dimensional Letter Signage |
| Section | 10 14 23.16 | Interior Panel Signage |
| Section | 10 21 13.19 | Solid Polymer Toilet Compartments |
| Section | 10 21 23 | Cubicles |
| Section | 10 22 39 | Operable (Folding Panel) Partitions |
| Section | 10 26 00 | Wall and Door Protection |
| Section | 10 28 00 | Toilet, Bath, and Laundry Accessories |
| Section | 10 41 16 | Lock Box |
| Section | 10 43 13 | Defibrillator Cabinets |
| Section | 10 44 13 | Fire Extinguisher Cabinets |
| Section | 10 44 16 | Fire Extinguishers |
| Section | 11 13 00 | Loading Dock Equipment |
| Section | 11 31 00 | Residential Appliances |
| Section | 11 52 13 | Front Projection Screens |
| Section | 11 68 13 | Playground Equipment and Structures |
| Section | 12 21 13 | Horizontal Louver Blinds |
| Section | 12 24 13 | Roller Window Shades |

| | | |
|---------|-----------|------------------------------------|
| Section | 12 93 00 | Site Furnishings and Amenities |
| Section | 14 24 00 | Hydraulic Elevators |
| Section | 31 10 00 | Site Clearing |
| Section | 31 20 00 | Earth Moving |
| Section | 31 23 19 | Dewatering |
| Section | 31 25 00 | Erosion Control |
| Section | 31 32 00 | Geotextile |
| Section | 31 50 00 | Excavation Support and Protection |
| Section | 32 13 13. | Concrete Paving |
| Section | 32 18 16 | Playground Protective Surfacing |
| Section | 32 31 13 | Chain Link Fences and Gates |
| Section | 32 31 19 | Decorative Metal Fences and Gates |
| Section | 32 91 13 | Soil Preparation |
| Section | 32 92 00 | Turf and Grasses |
| Section | 32 93 00 | Plants |
| Section | 33 05 00 | Common Work Results for Utilities |
| Section | 33 11 13 | Facility Water Distribution Piping |
| Section | 33 13 13 | Facility Sanitary Sewers |
| Section | 33 41 00 | Storm Utility Drainage Piping |
| Section | 33 46 00 | Subdrainage |

Clarifications:

1. Contractor is responsible for private utility locates prior to any excavation or earthmoving. In locations where anticipated utility cannot be located, Contractor shall hydro-vacuum excavate to locate unknown utility.
2. Contractor is responsible to supply dumpsters and rubbish containers for all Contractors and Work for duration of the project. Masonry and Metal Stud & Drywall Contractors are to provide their own dumpsters for their Work.
3. Provide road and parking lot cleaning and sweeping for the duration of the project.
4. Provide and maintain all erosion control measures, including all inspections and documentation required by IDEM following rain events.
5. Provide temporary sanitary facilities for all Contractors for duration of project. Placement of sanitary facilities to be coordinated with Construction Manager.
6. Contractor is responsible to provide and maintain concrete washout for all concrete spoils.
7. All in wall blocking is the responsibility of the Metal Studs & Drywall Contractor. "Wall blocking" is to be considered any dimensional lumber, sheathing, plywood, danbacking, metal strapping or similar material. Specific locations of wood products by this Contractor are noted in other clarifications.
8. In locations where clips, sheathing, nailers, etc. are depicted outside of the wall line (finished face) to support a finish material or product, the Contractor installing the finish material or product is also responsible for all substrate materials.

9. Contractor is responsible to provide (6) knock down frames with temporary doors and locking hardware for use in temporary partitions as directed by the Construction Manager.
10. Furnish and provide all FRP and Store Front Door hardware to the Aluminum Storefront & Glazing Contractor. This material is to be shipped directly from the supplier to Storefront & Glazing Contractor's shop.
11. Contractor to include sweeping compound and 500 man hours for general building, site cleanup, or other work to be performed by a Skilled Laborer at the direction of Construction Manager.
12. Contractor to include 200 man hours for Skilled Carpenter for use at the discretion of the Construction Manager.
13. This Contractor is responsible for all 07 84 13 – Penetration Firestopping and 07 84 43 – Joint Firestopping for the entire project. This includes top and bottom wall conditions and wall penetrations. This Contractor shall coordinate with other Prime Contractors in order to install this Work prior to access being covered or restricted.
14. This Contractor is responsible for all joint sealants excluding 00 42 00 – Unit Masonry Systems, 07 24 19 – EIFS Systems, 08 41 13 – Aluminum Framed Entrances and Storefront Systems and 09 96 63 – Interior Finish Systems (interior and exterior seal).
15. Contractor is responsible for all access doors noted on Architectural Drawings. Any access doors required to support MEPF equipment access not noted on Architectural Drawings is the responsibility of MEPF Contractor installing the equipment.
16. General Trades Contractor shall coordinate with Asphalt Contractor during the cement stabilization process to verify that parking lot and drive subgrade is accurate to 0.1'.
17. Contractor shall include the door hardware allowance of \$35,000 as noted in 01 21 00 – Contract Allowances.
18. In regards to 07 05 23 – Pressure Testing an Air Barrier System for Air Tightness, the Owner / Construction Manager is responsible for hiring and paying for CMTA service. This Contractor shall review this specification in detail and perform Work as part of this Contract in accordance to this specification to achieve the desired test result. Costs related to rework or corrective action as part of this Contract due to failed pressure test is the responsibility of this Contractor.
19. Contractor is responsible for pouring concrete at all metal pan stair locations.
20. Contractor is responsible to install, maintain and remove temporary elevator shaft platforms for all Prime Contractors to work from during installation of any Work at top of elevator shaft.
21. Contractor is responsible for hauling excavation spoils created by their own Work. All spoils are to be removed from site.
22. This Contractor is responsible for all concrete Work noted for the entire project excluding dedicated equipment pads for MEPF Contractors.
23. The General Trades Contractor shall refer to Guideline Schedule and include in their bid all necessary cold weather concrete procedures or admixtures as required to meet the schedule.

24. All embedded metal fabrications including, but not limited to, anchor bolts, weld plates, angles, and leveling plates, will be furnished by the Structural Steel Contractor and installed by the General Trades Contractor. Installation shall be within required tolerances and anchor bolt assemblies shall be placed with templates only. General Trades Contractor shall supply as-built drawings to steel erector for coordination prior to steel placement.
25. Grouting of base plates will be by the Structural Steel Contractor.
26. Masonry reinforcement shall be furnished and installed by the Masonry Contractor.
27. Section 07 21 00 – Thermal Insulation that is below finished slab on grade elevation shall be provided by the General Trades Contractor. Section 07 21 00 Thermal Insulation cavity wall insulation behind the masonry veneer shall be provided by the Masonry Contractor. All other Section 07 21 00 Thermal Insulation shall be provided by Drywall Contractor.
28. In reference to Detail 19 / A-502 (typical), the Metal Studs, Drywall & Acoustic Ceiling Contractor is responsible for 6” cold formed metal framing, batt insulation, 5/8” glass-mat gypsum wall sheathing, 5/8” wall sheathing, 5/8” gypsum wallboard, 2x wood-preservative treated lumber, plywood faced foam insulation/sheathing (4.1”) vapor-permeable, fluid-applied membrane air barrier and air barrier transition membrane.
29. In reference to Detail 20 / A-502 (typical), the General Trades Contractor is responsible for 2.5” thick polyisocyanurate board insulation, air / vapor barrier transition membrane and thermal break unfaced mineral wool insulation board.
30. The General Trades Contractor shall coordinate with Utility Companies for services as it pertains to this contractor’s scope of work, as necessary.
31. Contractor shall include any sleeves indicated per plans passing through their work.
32. All metal bollards and covers shall be furnished by the Structural Steel Contractor for installation by the General Trades Contractor.
33. Unless noted otherwise, General Trades Contractor shall remove from site and properly dispose of all demolition debris and material.
34. General Trades Contractor shall provide and install the downspout boot tie-ins for the storm sewer system.
35. Contractor is responsible to saw cut, demolish and dispose of over paved stone and binder asphalt. Reference Exterior Logistics Plan for locations of over paving.

B. BID CATEGORY NO. 2 – ASPHALT PAVING

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|----------|-------------------|
| Section | 31 20 00 | Earth Moving |
| Section | 32 12 16 | Asphalt Paving |
| Section | 32 17 13 | Parking Bumpers |
| Section | 32 17 23 | Pavement Markings |

Clarifications:

1. Contractor is responsible to over pave select locations with stone and binder by 2'-0". See Exterior Site Logistics Plan for locations of over paving.
2. Contractor is responsible to pave through parking lot islands with stone and binder course asphalt. See Exterior Site Logistics Plan for locations of over paving.
3. Contractor shall include in base bid the cost of additional mobilizations to complete paving work as outlined in Guideline Schedule.
4. Contractor shall include in base bid the cost to clean and properly prepare binder course asphalt to receive surface course.
5. Asphalt Contractor shall coordinate with General Trades Contractor during the cement stabilization process to verify that parking lot and drive subgrade is accurate to 0.1'.
6. Contractor is responsible for hauling excavation spoils created by their own Work. All spoils are to be removed from site.

C. BID CATEGORY NO. 3 – MASONRY

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|----------|--|
| Section | 01 52 60 | Rubbish Container |
| Section | 04 20 00 | Unit Masonry |
| Section | 04 72 00 | Cast Stone Masonry |
| Section | 07 05 23 | Pressure Testing an Air Barrier System for Air Tightness |
| Section | 07 21 00 | Thermal Insulation |
| Section | 07 92 00 | Joint Sealants |

Clarifications:

1. Contractor is responsible for all joint sealant work specific to the masonry system(s).
2. Contractor is responsible for dumpsters and rubbish containers for own Work.
3. At the conclusion of masonry work (or phase), this Contractor shall repair construction areas damaged by Masonry Equipment. The expectation is filling ruts and back dragging stone areas to achieve pre-work conditions.
4. Contractor shall prepare punched openings at guaranteed dimensions within the tolerance of Aluminum Storefront & Glazing Contractor. Contractor shall construct to approved aluminum storefront shop drawings.
5. In regards to 07 05 23 – Pressure Testing an Air Barrier System for Air Tightness, the Owner / Construction Manager is responsible for hiring and paying for CMTA service. This Contractor shall review this specification in detail and perform Work as part of this Contract in accordance to this specification to achieve the desired test result. Costs related to rework or corrective action as part of this Contract due to failed pressure test is the responsibility of this Contractor.
6. Masonry reinforcement shall be furnished and installed by the Masonry Contractor.
7. Section 07 21 00 Thermal Insulation that is below grade shall be provided by the General Trades Contractor. Section 07 21 00 Thermal Insulation cavity

wall insulation behind the masonry veneer shall be provided by the Masonry Contractor. All other Section 07 21 00 Thermal Insulation shall be provided by Drywall Contractor.

8. In reference to Detail 20 / A-502 (typical), the General Trades Contractor is responsible for 2.5" thick polyisocyanurate board insulation, air / vapor barrier transition membrane and thermal break unfaced mineral wool insulation board.
9. Contractor shall refer to Guideline Schedule and include in their bid all necessary cold weather masonry installation procedures and mortar admixtures as required to meet schedule.
10. Contractor shall include any sleeves indicated per plans passing through their work.
11. Masonry Contractor is responsible for fabrication and installation of loose lintels for the Masonry scope of work.
12. Masonry Contractor is responsible to provide temporary construction water for their Work.

D. BID CATEGORY NO. 4 - STRUCTURAL STEEL & GLUE LAMINATE

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|----------|------------------------------|
| Section | 01 53 30 | Barricades |
| Section | 05 12 00 | Structural Steel 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 |
| Section | 06 15 13 | Wood Roof Decking |
| Section | 06 18 00 | Glued-Laminated Construction |

Clarifications:

1. Grouting of base plates will be by the Structural Steel Contractor.
2. All embedded metal fabrications including, but not limited to, anchor bolts, weld plates, angles, and leveling plates, will be furnished by the Structural Steel Contractor and installed by the General Trades Contractor.
3. All metal bollards and covers shall be furnished by the Structural Steel Contractor for installation by the General Trades Contractor.
4. The Structural Steel, Roofing, Mechanical, Electrical and Plumbing Contractors shall coordinate with each other regarding roof penetration frames.
5. Contractor is responsible for protection of wood roof decking as portrayed in drawing details and outlined in specifications.

E. BID CATEGORY NO. 5 - ROOFING

General requirements in Paragraph 3.02.B above.

| | | |
|---------|----------|--|
| Section | 06 16 00 | Sheathing |
| Section | 07 05 23 | Pressure Testing an Air Barrier System for Air Tightness |
| Section | 07 21 00 | Thermal Insulation |

| | | |
|---------|----------|--|
| Section | 07 31 13 | Asphalt Shingles |
| 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 |

Clarifications:

1. In regards to 07 05 23 – Pressure Testing an Air Barrier System for Air Tightness, the Owner / Construction Manager is responsible for hiring and paying for CMTA service. This Contractor shall review this specification in detail and perform Work as part of this Contract in accordance to this specification to achieve the desired test result. Costs related to rework or corrective action as part of this Contract due to failed pressure test is the responsibility of this Contractor.
2. Roofing Contractor is responsible for all wood blocking, sheathing, insulation and plywood required for roof systems including MEP curbs, metal roof coping, flashings, gutters, roof hatches, or the like, interfacing with roofing.
3. Roofing Contractor shall coordinate roof penetrations with the appropriate trades and ensure that all penetrations conform with the roof systems installation requirements. Provide all material necessary to seal these penetrations.
4. Roofing Contractor to provide roofing gutters and downspouts and include tie into storm piping system. Downspout boots shall be provided by the General Trades Contractor.
5. Roofing Contractor is responsible for top of wall parapets at all walls (both metal stud and masonry walls). This includes the plywood or sheathing, blocking or nailers, membrane flashing, metal coping and flashings, and all necessary fasteners and joint sealants.

F. BID CATEGORY NO. 6 – METAL STUDS, DRYWALL & ACOUSTIC CEILINGS

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|-------------|--|
| Section | 01 52 60 | Rubbish Container |
| Section | 05 40 00 | Cold-Formed Metal Framing |
| Section | 06 16 00 | Sheathing |
| Section | 07 05 23 | Pressure Testing an Air Barrier System for Air Tightness |
| Section | 07 21 00 | Thermal Insulation |
| Section | 07 24 19 | Water-Drainage Exterior Insulation and Finish System |
| Section | 07 27 13 | Self-Adhering Air Barriers |
| Section | 07 27 26.02 | Vapor-Permeable, Fluid-Applied Membrane Air Barrier |
| Section | 07 42 13.23 | Metal Composite Material Wall Panels |
| Section | 07 92 00 | Joint Sealants |
| Section | 07 92 19 | Acoustical Joint Sealants |
| Section | 08 31 13 | Access Doors and Frames |

| | | |
|---------|-------------|---|
| Section | 09 21 16 | Gypsum Board Assemblies |
| Section | 09 51 13 | Acoustical Panel Ceilings |
| Section | 09 54 23 | Linear Metal Ceilings |
| Section | 09 84 33.13 | Abuse-Resistant Sound-Absorbing Wall Unit |
| Section | 09 84 36 | Sound-Absorbing Ceiling Units |
| Section | 09 96 63 | Interior Finish System |

Clarifications:

1. All in wall blocking is the responsibility of the Metal Studs & Drywall Contractor. "Wall blocking" is to be considered any dimensional lumber, sheathing, plywood, danbacking, metal strapping or similar material.
2. All wall blocking is to be coordinated with MEP Contractors to ensure rough-in routing is maintained.
3. All wall blocking for items such as casework, restroom accessories, furniture, electronics, etc. is to be installed following review and coordination with approved submittals and shop drawings.
4. In locations where clips, sheathing, nailers, etc. are depicted outside of the wall line (finish face) to support a finish material or product, the Contractor installing the finish material or product is also responsible for all substrate materials.
5. Contractor is responsible for dumpsters and rubbish containers for own Work.
6. Contractor to include 250 man hours by Skilled Carpenter for use at discretion of the Construction Manager.
7. Contractor to include 250 man hours by Skilled Drywall Finisher for use at discretion of the Construction Manager.
8. Contractor to include 5,000 SF ACT-1 materials and installation for use at discretion of the Construction Manager.
9. Metal Stud and Drywall Contractor is responsible for the tile backer board at all tiling locations. Reference Specification Section 09 30 00 – Tiling for additional information.
10. Contractor is responsible for joint sealants for complete 07 24 19 - Water-Drainage Exterior Insulation and Finish System.
11. Contractor is responsible for joint sealants for complete 09 96 63 - Interior Finish System.
12. Contractor shall prepare punched openings at guaranteed dimensions within the tolerance of Aluminum Storefront & Glazing Contractor.
13. In regards to 07 05 23 – Pressure Testing an Air Barrier System for Air Tightness, the Owner / Construction Manager is responsible for hiring and paying for CMTA service. This Contractor shall review this specification in detail and perform Work as part of this Contract in accordance to this specification to achieve the desired test result. Costs related to rework or corrective action as part of this Contract due to failed pressure test is the responsibility of this Contractor.
14. Section 07 21 00 – Thermal Insulation that is below finished slab on grade elevation shall be provided by the General Trades Contractor. Section 07 21 00 Thermal Insulation cavity wall insulation behind the masonry veneer shall be provided by the Masonry Contractor. All other Section 07 21 00 Thermal

Insulation shall be provided by Drywall Contractor.

15. In reference to Detail 19 / A-502 (typical), the Metal Studs, Drywall & Acoustic Ceiling Contractor is responsible for 6" cold formed metal framing, batt insulation, 5/8" glass-mat gypsum wall sheathing, 5/8" wall sheathing, 5/8" gypsum wallboard, 2x wood-preservative treated lumber, plywood faced foam insulation/sheathing (4.1") vapor-permeable, fluid-applied membrane air barrier and air barrier transition membrane.
16. In reference to Detail 20 / A-502 (typical), the General Trades Contractor is responsible for 2.5" thick polyisocyanurate board insulation, air / vapor barrier transition membrane and thermal break unfaced mineral wool insulation board.
17. Provide clips, anchors, supports and other accessories that interface between steel framing and steel studding.
18. Contractor shall include Type XP (or similar) mold and mildew resistant drywall for the entire project.
19. Contractor shall include galvanized metal strapping at all transitions or corners of plywood face foam insulation/sheathing. This allows for proper anchoring of metal panels mechanical fasteners at these locations.

G. BID CATEGORY NO. 7 – ALUMINUM STOREFRONT & GLAZING

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|-------------|--|
| Section | 05 73 13 | Glazed Decorative Metal Railings |
| Section | 07 05 23 | Pressure Testing an Air Barrier System for Air Tightness |
| Section | 07 21 00 | Thermal Insulation |
| Section | 07 92 00 | Joint Sealants |
| Section | 08 16 13 | Fiberglass Doors |
| Section | 08 41 13 | Aluminum-Framed Entrances and Storefronts |
| Section | 08 56 00 | Special Function Windows |
| Section | 08 80 00 | Glazing |
| Section | 08 88 53.01 | Security Glazing – Forced Entry Resistance |
| Section | 09 84 53 | Sound Barrier Mullion Trim Cap |

Clarifications:

1. Contractor is responsible for shims, aluminum sill, aluminum flashing, and all interior/exterior backer rod and sealant at all window locations. This is to include "joint sealant, fill shim space with sprayed polyurethane foam sealant" as noted in Detail 19 / A-502 (typical).
2. Contractor is responsible to install all aluminum door hardware furnished by the General Trades Contractor.
3. Include all access control/electrified door hardware wiring internal to aluminum frames and doors to nearest accessible ceilings. Final connection and power supply to be provided by Electrical/Technology Contractor.
4. Contractor is responsible for interior and exterior sealant at perimeter of all aluminum frames to create sealed building envelop.

5. Contractor is expected to expedite procurement and shipping of frames and glazing at all punched openings. Punched openings to be installed with guaranteed dimensions.
6. In regards to 07 05 23 – Pressure Testing an Air Barrier System for Air Tightness, the Owner / Construction Manager is responsible for hiring and paying for CMTA service. This Contractor shall review this specification in detail and perform Work as part of this Contract in accordance to this specification to achieve the desired test result. Costs related to rework or corrective action as part of this Contract due to failed pressure test is the responsibility of this Contractor.

H. BID CATEGORY NO. 8 – FLOORING

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|-------------|--|
| Section | 09 01 91 | Moisture Resistant/Water-Proof Flooring Adhesive For Concrete Slabs |
| Section | 09 30 00 | Tiling |
| Section | 09 65 13 | Resilient Base and Accessories |
| Section | 09 65 19 | Resilient Tile Flooring |
| Section | 09 68 13 | Tile Carpeting |
| Section | 12 48 26.01 | Entrance Carpet Tile |

Clarifications:

1. Include 120 hours of additional floor preparation over above requirements noted in drawings and specifications.

I. BID CATEGORY NO. 9 – PAINTING

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|----------|------------------------------------|
| Section | 09 91 23 | Interior Painting |
| Section | 09 96 00 | High-Performance Coatings |
| Section | 9 72 16 | Vinyl-Coated Fabric Wall Coverings |

Clarifications:

1. Contractor to include 400 man hours by Skilled Painter for use at discretion of the Construction Manager.

J. BID CATEGORY NO. 10 – CASEWORK

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|----------|---|
| Section | 06 41 13 | Wood-Veneer-Faced Architectural Cabinets |
| Section | 06 61 16 | Solid Surface Fabrications |
| Section | 12 32 16 | Manufactured Plastic Laminate-Faced (Educational) Casework |

Clarifications:

1. In locations where clips, sheathing, nailers, etc. are depicted outside of the wall line (finish face) to support a finish material or product, the Contractor installing the finish material or product is also responsible for all substrate materials.

2. Contractor is responsible for wood blocking / shims at base of all casework products.
3. Contractor shall install chain stops (or similar per submittal review) at every casework door opening toward an adjacent wall surface.

K. BID CATEGORY NO. 11 – FOOD SERVICE EQUIPMENT

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|----------|--|
| Section | 07 05 23 | Pressure Testing an Air Barrier System for Air Tightness |
| Section | 11 40 00 | Food Service Equipment |

L. BID CATEGORY NO. 12 – FIRE SUPPRESSION

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|----------|--|
| Section | 07 05 23 | Pressure Testing an Air Barrier System for Air Tightness |
| Section | 21 05 00 | Common Work Results for Fire Suppression |
| Section | 21 10 00 | Water-Based Fire Suppression Systems |

Clarifications:

1. All wall blocking is to be coordinated with MEP Contractors to ensure rough-in routing is maintained.
2. In locations where clips, sheathing, nailers, etc. are depicted outside of the wall line (finish face) to support a finish material or product, the Contractor installing the finish material or product is also responsible for all substrate materials.
3. Contractor is responsible for all sleeves and seals required for their own penetrations.
4. In regards to 07 05 23 – Pressure Testing an Air Barrier System for Air Tightness, the Owner / Construction Manager is responsible for hiring and paying for CMTA service. This Contractor shall review this specification in detail and perform Work as part of this Contract in accordance to this specification to achieve the desired test result. Costs related to rework or corrective action as part of this Contract due to failed pressure test is the responsibility of this Contractor.
5. Contractor is responsible for hauling excavation spoils created by their own Work. All spoils are to be removed from site.
6. Contractor is responsible for concrete equipment pads for their own work.
7. Contractor is responsible to provide exact locations of required sleeves to Contractor responsible for footing, foundation, or wall construction.

M. BID CATEGORY NO. 13 – PLUMBING

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|----------|--|
| Section | 07 05 23 | Pressure Testing an Air Barrier System for Air Tightness |
| Section | 08 31 13 | Access Doors and Frames |
| 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 Gages for Plumbing Piping |
| 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 53 | Identification for Plumbing Piping and Equipment |
| Section | 22 07 00 | Plumbing Insulation |
| Section | 22 08 00 | Commissioning of Plumbing Systems |
| Section | 22 11 13 | Facility Water Distribution Piping |
| 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 12 16 | Above-Ground, Potable-Water Storage Tanks |
| Section | 22 13 16 | Sanitary, Waste, and Vent Piping System |
| Section | 22 13 23 | Sanitary Waste Interceptors |
| Section | 22 14 13 | Facility Storm Drainage Piping |
| Section | 22 14 29 | Sump Pumps |
| Section | 22 31 00 | Domestic Water Softeners |
| Section | 22 33 00 | Electric Domestic Water Heaters |
| Section | 22 40 00 | Plumbing Fixtures |
| Section | 22 47 00 | Drinking Fountains and Water Coolers |

Clarifications:

1. Contractor to include all temporary patching and sealing of roof system for their roof penetrations to ensure watertight conditions during construction.
2. Contractor is responsible for roof curbs for equipment within scope of work.
3. Contractor is responsible for own equipment pads.
4. Critical long-lead equipment items are to have all submittals and shop drawings submitted for review within four weeks of Notice to Proceed. Equipment includes, but not limited to: Water Heaters, Hydronic Pumps, Water Softeners, etc.
5. All wall blocking is to be coordinated with MEP Contractors to ensure rough-in routing is maintained.
6. In locations where clips, sheathing, nailers, etc. are depicted outside of the wall line (finish face) to support a finish material or product, the Contractor installing the finish material or product is also responsible for all substrate materials.
7. Reference kitchen equipment drawings for plumbing requirements.
8. Contractor is responsible for all sleeves and seals required for their own penetrations.
9. Contractor is responsible for access doors and frames not noted on Architectural Drawings but required to access work in this contract. Install as outlined in specifications.
10. In regards to 07 05 23 – Pressure Testing an Air Barrier System for Air Tightness, the Owner / Construction Manager is responsible for hiring and

paying for CMTA service. This Contractor shall review this specification in detail and perform Work as part of this Contract in accordance to this specification to achieve the desired test result. Costs related to rework or corrective action as part of this Contract due to failed pressure test is the responsibility of this Contractor.

11. Contractor is responsible for hauling excavation spoils created by their own Work. All spoils are to be removed from site.
12. Contractor is responsible to provide exact locations of required sleeves to Contractor responsible for footing, foundation, or wall construction.

N. BID CATEGORY NO. 14 – HVAC

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|----------|--|
| Section | 07 05 23 | Pressure Testing an Air Barrier System for Air Tightness |
| Section | 08 31 13 | Access Doors and Frames |
| Section | 23 05 00 | Common Work Results for HVAC |
| Section | 23 05 13 | Common Motor Requirements for HVAC Equipment |
| 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 48 | Vibration Controls for HVAC Piping and Equipment |
| Section | 23 05 53 | Identification for HVAC Piping and Equipment |
| Section | 23 07 00 | HVAC Insulation |
| Section | 23 08 00 | Commissioning of HVAC Systems |
| Section | 23 09 00 | Instrumentation and Control for HVAC |
| Section | 23 09 93 | HVAC Sequence of Operation |
| Section | 23 21 13 | Hydronic Piping |
| Section | 23 21 16 | Geothermal Loop Heat Exchanger |
| Section | 23 21 23 | Hydronic Pumps |
| Section | 23 23 00 | Refrigerant Piping |
| Section | 23 25 00 | HVAC Water Treatment |
| Section | 23 29 23 | Variable-Frequency Motor Controllers |
| Section | 23 31 13 | Metal Ducts |
| Section | 23 33 00 | Air Duct Accessories |
| Section | 23 34 23 | HVAC Power Ventilators |
| Section | 23 37 13 | Diffusers, Registers, and Grilles |
| Section | 23 37 23 | HVAC Gravity Ventilators |
| Section | 23 73 14 | Custom Indoor Air Handling Units |
| Section | 23 81 00 | Ground Source Heat Pumps |
| Section | 23 81 23 | Computer-Room Air-Conditioners |
| Section | 23 82 39 | Unit Heaters |
| Section | 31 23 19 | Dewatering |

Clarifications:

1. Contractor to include all temporary patching and sealing of roof system for their roof penetrations to ensure watertight conditions during construction.
2. Contractor is responsible for roof curbs for equipment within scope of work.
3. Electrical Contractor is responsible for all in wall rough-in locations for temperature control. Low voltage wiring for temperature control is by the HVAC Contractor.
4. Contractor is responsible for own equipment pads.
5. Critical long-lead equipment items are to have all submittals and shop drawings submitted for review within four weeks of Notice to Proceed. Equipment includes, but not limited to: Chillers, AHUs, ACUs, Hydronic Pumps, VAVs, VFDs, etc.
6. All wall blocking is to be coordinated with MEP Contractors to ensure rough-in routing is maintained.
7. In locations where clips, sheathing, nailers, etc. are depicted outside of the wall line (finish face) to support a finish material or product, the Contractor installing the finish material or product is also responsible for all substrate materials.
8. Reference kitchen equipment drawings for HVAC requirements.
9. Contractor is responsible for all sleeves and seals required for their own penetrations.
10. Contractor is responsible for access doors and frames not noted on Architectural Drawings but required to access work on this contract. Install as outlined in specifications.
11. Contractor is responsible for dewatering required for excavation and drilling of the well field.
12. Contractor is responsible for access doors and frames not noted on Architectural Drawings but required to access work in this contract. Install as outlined in specifications.
13. In regards to 07 05 23 – Pressure Testing an Air Barrier System for Air Tightness, the Owner / Construction Manager is responsible for hiring and paying for CMTA service. This Contractor shall review this specification in detail and perform Work as part of this Contract in accordance to this specification to achieve the desired test result. Costs related to rework or corrective action as part of this Contract due to failed pressure test is the responsibility of this Contractor.
14. Contractor is responsible for hauling excavation spoils created by their own Work. All spoils are to be removed from site.
15. Contractor is responsible to provide exact locations of required sleeves to Contractor responsible for footing, foundation, or wall construction.

O. BID CATEGORY NO. 15 – ELECTRICAL & TECHNOLOGY

General Requirements in Paragraph 3.02.B above.

| | | |
|---------|----------|--|
| Section | 01 51 10 | Temporary Electricity, Lighting and Warning Systems |
| Section | 07 05 23 | Pressure Testing an Air Barrier System for Air Tightness |
| Section | 08 31 13 | Access Doors and Frames |
| 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 | Conduit 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 73 | Power System Studies |
| Section | 26 08 00 | Commissioning of Electrical Systems |
| Section | 26 09 13 | Electrical Power Monitoring |
| Section | 26 09 23 | Lighting Control Devices |
| Section | 26 22 00 | Low-Voltage Transformers |
| Section | 26 24 13 | Switchboards |
| Section | 26 24 16 | Panelboards |
| 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 31 00 | Photovoltaic Collectors |
| Section | 26 32 13 | Engine Generators |
| 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 | 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 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 13 | Communications Entrance Protection |
| Section | 27 13 23 | Communications Fiber Optical Backbone Cabling |
| Section | 27 15 11 | Conductors and Cables for Intercom, Public Address and Mass Notification Systems |
| Section | 27 15 17 | Communications Copper Horizontal Cabling (Augmented Cat 6A) |
| Section | 27 15 53 | Misc. Communications Audio/Video Cabling |
| Section | 27 41 12 | Communications Audio-Video Mounts |
| Section | 27 41 17 | Integrated A/V Control System and Equipment |

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| | | (Boardroom & Safety Room) |
| Section | 27 51 17 | Classroom Sound Reinforcement Systems |
| Section | 27 51 24 | Multipurpose Audio Video Systems |
| Section | 27 51 25 | IP Based Intercommunications and Program Systems (ELC & ESC) |
| 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 31 11 | Digital, Addressable Fire-Alarm System |
| Section | 28 48 00 | Emergency Responder Radio Communication System Testing |
| Section | 28 48 10 | Emergency Responder Radio Communication System Installation |

Clarifications:

1. Contractor to include all temporary patching and sealing of roof system for their roof penetrations to ensure watertight conditions during construction.
2. Contractor is responsible for all in wall rough-in locations for temperature control. Low voltage wiring for temperature control is by the HVAC Contractor
3. Contractor is responsible for own equipment pads.
4. Contractor is responsible for final connection of all hard-wired equipment and furnishings, either Contractor or Owner provided.
5. All wall blocking is to be coordinated with MEP Contractors to ensure rough-in routing is maintained.
6. In locations where clips, sheathing, nailers, etc. are depicted outside of the wall line (finish face) to support a finish material or product, the Contractor installing the finish material or product is also responsible for all substrate materials.
7. Reference kitchen equipment drawings for electrical and technology requirements.
8. Contractor is responsible for all sleeves and seals required for their own penetrations.
9. Critical long-lead equipment items are to have all submittals and shop drawings submitted for review within four weeks of Notice to Proceed. Equipment includes, but not limited to: Switchgear, Generator, Transformer, etc.
10. Contractor shall not install any raceways, cabling, gear or equipment service the elevator(s) until directed by Construction Manager following approval of elevator shop drawings and pre-installation meetings.
11. Contractor is responsible for access doors and frames not noted on Architectural Drawings but required to access work in this contract. Install as outlined in specifications.
12. In regards to 07 05 23 – Pressure Testing an Air Barrier System for Air Tightness, the Owner / Construction Manager is responsible for hiring and paying for CMTA service. This Contractor shall review this specification in detail and perform Work as part of this Contract in accordance to this specification to achieve the desired test result. Costs related to rework or

corrective action as part of this Contract due to failed pressure test is the responsibility of this Contractor.

13. Contractor is responsible for hauling excavation spoils created by their own Work. All spoils are to be removed from site.
14. Contractor is responsible to provide exact locations of required sleeves to Contractor responsible for footing, foundation, or wall construction.
15. Contractor is responsible for final connection of all hard-wired equipment and furnishings, either Contractor or Owner provided.

END OF SECTION 01 12 00