

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

### **NOTICE TO PRE-QUALIFIED TIER 1 BIDDERS**

Notice is hereby given that sealed bids will be received for a Public CMc Project under IC 5-32:

By: The Skillman Corporation

For: Greenfield Central High School Auditorium Renovation and Addition – Bid Package No. 2

At: Thursday, June 23, 2022, at 700 North Broadway St., Greenfield, IN 46140

Until: 2:00 PM(local time)

Bid Opening: Bids will be publicly opened and read aloud at 2:00 PM (local time) at 700 North Broadway Street, Greenfield, IN 46140 in the Boardroom

All work for the complete construction of the Project will be under one or more sub-contracts with the Construction Manager based on bids received from pre-qualified tier 1 bidders and on combinations awarded. Award of contracts will be in accordance with Indiana Public Bidding Laws. The Construction Manager will not self-perform any of the work on this project.

Construction shall be in full accordance with the Bidding Documents which are on file with the Owner and Construction Manager 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](http://www.skillmanplanroom.com)

Greenfield Central Community School Corp.  
110 W. North St.  
Greenfield, IN 46140

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

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

**A Pre-Bid Conference will be held on Wednesday, June 8, 2022 at 2:00 PM local time, via Microsoft Teams.**

## Microsoft Teams meeting

**Join on your computer or mobile app**

[Click here to join the meeting](#)

**Or call in (audio only)**

[+1 317-762-3960,,476646518#](#) United States, Indianapolis

Phone Conference ID: 476 646 518#

[Find a local number](#) | [Reset PIN](#)

Attendance by bidders is optional, but recommended, 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 Dual Obligatee Performance and Payment Bonds for one hundred percent (100%) of their Contract amount prior to execution of Contracts.

Subcontractors submitting bids for the performance of Work as specified in this building Project should make such Bids to **The Skillman Corporation**. Contractors shall enter into a sub-contract with The Skillman Corporation as the Construction Manager CMc for the Owner.

The Owner and the Construction Manager reserve their rights 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.

**THE SKILLMAN CORPORATION**

## **SECTION 00 02 00 - NOTICE TO CONTRACTORS - PRE-QUALIFICATION**

Date: May 23, 2022

Re: Greenfield Central High School Auditorium Renovation and Addition – Package No. 2  
810 N. Broadway  
Greenfield, IN 46140

### **The Skillman Corporation Project No. 221700**

All first tier subcontractors wishing to bid and contract for this project must be prequalified in order to participate in the bidding process and to be considered for an award of contract. The prequalification process will be administered by the Owner's Construction Manager as Constructor (CMc), The Skillman Corporation.

The following are the Bid Categories under consideration for this project.

<b>01 – General Trades</b>	<b>06 - Glazing</b>	<b>08 - Flooring</b>	<b>10 – Auditorium Seating</b>	<b>12 – Plumbing/HVAC</b>
<b>03 - Masonry</b>	<b>07 - Drywall</b>	<b>09 - Painting</b>	<b>11 – Fire Suppression</b>	<b>13 – Electrical/Technology</b>

In order to prequalify, first tier subcontractors must submit their completed Prequalification Form conforming to the requirements set forth below by no later than **June 16, 2022**. The CMc reserves the right to extend this deadline in its sole discretion. The Prequalification Form is available for pick up by interested first tier subcontractors at The Skillman Corporation's Office. Prequalification Form will also be available via email, requests shall be sent to Andrew Huehls at [ahuehls@skillman.com](mailto:ahuehls@skillman.com). Bid documents will be available on or after May 26, 2022.

Prequalification requirements set forth by Greenfield Central Community School Corporation are as follows:

- Performance & Payment Bond from company with a rating of A+ VII, A VII or A- VII by A. M. Best and lawfully authorized to do business in the jurisdiction in which the Project is located.
- Must be able to obtain Insurance in the amount of \$1 Million Commercial General Liability; \$2 Million Aggregate; \$5 Million Umbrella from company with a rating of A+ VII, A VII or A- VII by A. M. Best and lawfully authorized to do business in the jurisdiction in which the Project is located.
- Provide an arbitration and litigation history on all construction contracts in the last 10 years.
- Provide record of safety history to include EMR, DART, TRIR and history of OSHA violations.
- Provide history of contracting with or hiring minority, women, and veteran business enterprises on prior projects.
- Sub-contractors must commit and be able to comply with applicable laws including but not limited to the requirements detailed in the bidding documents and found in applicable public works and contract statutes.
- First tier subcontractors may be found to be unqualified for this project if the CMc, Architect, or Owner determines that: (i) the above requirements have not been satisfied, (ii) a history of non-compliance by the first tier subcontractor that has negatively impacted the schedule, budget, safety or quality of a project, (iii) if the first tier subcontractor's experience on comparable projects is insufficient, or (iv) the first tier subcontractor's available manpower is insufficient based on its current workload.

**Dr. Harold Olin, 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 Subcontract, 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 Subcontractors 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. Sub 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 Sub 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 Sub contracts will be awarded as per the "**Schedule of Contract Responsibilities**" (see Part 3 – Execution). Subcontractors 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 Sub contracts with the Owner. The Construction Manager will manage the construction of the Project.
- E. Each Subcontractor shall be responsible for demolition and disposal of existing items relative to his Contract.

#### **1.04 ADMINISTRATIVE RESPONSIBILITIES OF SUB 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 Subcontractor 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 Subcontractor shall also familiarize himself with other items to be incorporated into the Work including equipment and Work by the Owner.
  - 1. Each Subcontractor shall cooperate with the Construction Manager in notifying him when the Work is at a stage to require the services of other Subcontractors 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. Subcontractors 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 Subcontractors 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 Subcontractor 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. Subcontractors 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 SUB CONTRACTORS USE OF PREMISES**

- A. Subcontractors 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.

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

- A. Subcontractors 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.
- B. 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, and other noxious behavior on the site is strictly prohibited. Violators shall be promptly removed from the site. Smoking is not permitted on the project site.

#### **1.07 OCCUPANCY REQUIREMENTS**

- A. 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. The Construction Manager will 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. Subcontractors 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 6, 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. The purchase and supplying of certain materials as noted in the Project Manual.

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

- A. The Construction Manager will secure the general building permit for the Owner. Each Subcontractor 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 Subcontractor 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 Subcontractor shall give notices and comply with laws, ordinances, rules, regulations, and orders of public authorities bearing on the performance of his Work. If a Subcontractor 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 Subcontractor 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 Subcontractor 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 Subcontractor 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. E-Verify Compliance: Pursuant to I.C. 22-5-1.7, Subcontractor shall enroll in and verify the work eligibility status of all newly hired employees of Subcontractor through the E-Verify Program (Program). Subcontractor 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, Subcontractor must execute an affidavit affirming that the Subcontractor does not knowingly employ an unauthorized alien and confirming Subcontractor'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 Construction Manager.
- d. The Owner is requiring that all contractors' personnel and their onsite employees (trade employees) and subcontractors submit an expanded criminal history check through SafeVendor, a product of Safe Hiring Solutions. Please visit [www.safevisitorsolutions.com/safevendor-app-agreement](http://www.safevisitorsolutions.com/safevendor-app-agreement) to create your account with SafeVendor. (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.

## **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 Subcontractor requiring said verification for the construction or fabrication of his material shall be the Subcontractor responsible for the procurement of the field information.



### **1.13 PROJECT SECURITY**

- A. Each Sub 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, Subcontractors shall comply.

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

- A. Subcontractors 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: 06100 - 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 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.
- F. This "Schedule of Contract Responsibilities" is to aid each Subcontractor in defining the Scope of Work to be included in his proposal. However, omissions from this "Schedule of Responsibilities" do not relieve the Subcontractor from including in his proposal that Work which will be required to complete his Contract. Each Subcontractor should read the "Schedule of Contract Responsibilities" completely to familiarize himself with the Work of other Subcontractors that may

have Work in adjacent areas and to coordinate the interfacing problems that may occur as the work is assembled and constructed.

G. 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 Subcontractor 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 Subcontractor to subcontract related work required by jurisdictional trade agreements.

**1.15 COORDINATION OF WORK**

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

**1.16 TIME OF COMMENCEMENT AND COMPLETION**

A. The Subcontractor 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 683 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 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              |
- 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 34 00	BIM Requirements
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 Subcontractors shall provide their Superintendents with radios capable of handling multiple channels and compatible with radios used by the Construction Manager.

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

C. PROVIDED BY DESIGNATED CONTRACTORS

Section	01 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. **BID CATEGORY NO. 2 – PRECAST (PREVIOUSLY BID)**

General Requirements in Paragraph 3.02.B above.

Section	01 53 30	Barricades
Section	01 72 00	Field Engineering
Section	03 45 00	Precast Architectural Concrete
Section	07 92 00	Joint Sealers

#### **Project Specific Clarifications:**

1. Field verify as-built embed plate survey provided by Bid Category No. 1 Contractor prior to commencement of precast erection.
2. Regarding Specification Section 07 92 00 – Joint Sealants, all contractors are to provide caulking for their work in accordance with the Contract Documents. In general, the Contractor whose work creates the joint to be caulked (in the normal sequence of work) is to provide the joint sealant.
3. Assume more than one mobilization. Two (2) panels will be left out on the north side for access by other contractors; panels to be installed at a later date.
4. Provide drinking water, hand washing stations and hand sanitizer for your labor force.
5. Assume two (2) mobilizations. At least two (2) precast panels will be left out on the north side for access by other contractors; installation of these precast panels will require a separate mobilization at a later date.
6. Furnish and install all embed plates required to be cast into the precast panels for the Bid Category No. 4 Structural Steel Contractor's connections.
7. Furnish all embeds to the Bid Category No. 1 General Trades Contractor which are required to be cast into the concrete foundations; include detailed setting plans.
8. The Contractor's BIM Coordinator is required to produce three-dimensional CAD file drawings formatted to be imported into Navisworks for 3D Coordination. These files are to include all components needed to coordination with 3D MEP Coordination files. These files are needed per the master schedule after approved shop drawings for specific areas of the building as scheduled. The Contractors BIM Coordinator and Site Forman are required to attend and participate in 3D Coordination Meetings and update their three-dimensional CAD file drawings from coordination through as-built.

#### B. **BID CATEGORY NO. 4 - STRUCTURAL STEEL (PREVIOUSLY BID)**

General Requirements in Paragraph 3.02.B above.

Section	01 53 30	Barricades
Section	01 72 00	Field Engineering
Section	05 12 00	Structural Steel Framing
Section	05 12 13	Architecturally Exposed Structural Steel
Section	05 12 21	Structural Cast Steel Components
Section	05 21 00	Steel Joist Framing

Section	05 31 23	Steel Decking
Section	05 50 00	Metal Fabrications
Section	05 51 00	Metal Stairs
Section	05 52 10	Pipe and Tube Railings

**Project Specific Clarifications:**

1. Any cleaning or de-mucking of column pads prior to column installation will be the responsibility of Bid Category No. 4 Contractor.
2. Coordinate all required roof openings with the MEP/FP Contractors; provide reinforcing at all roof openings as required.
3. Field verify as-built anchor bolt survey provided by Bid Category No. 1 Contractor prior to commencement of steel erection.
4. Furnish all embedded items which are to be cast into concrete footings, concrete foundation walls, concrete piers, etc. to the Bid Category No. 1 Contractor.
5. The Contractor's BIM Coordinator is required to produce three-dimensional CAD file drawings formatted to be imported into Navisworks for 3D Coordination. These files are to include all components needed to coordination with 3D MEP Coordination files. These files are needed per the master schedule after approved shop drawings for specific areas of the building as scheduled. The Contractors BIM Coordinator and Site Forman are required to attend and participate in 3D MEP Coordination Meetings and update their three-dimensional CAD file drawings from coordination through as-built.
6. Assume more than one mobilization is required as indicated in the Guideline Schedule.
7. Provide traffic control measures when required for your work.
8. Provide drinking water, hand washing stations and hand sanitizer for your labor force.

**C. BID CATEGORY NO. 5 – ROOFING (PREVIOUSLY BID)**

General Requirements in Paragraph 3.02.B above.

Section	01 52 60	Rubbish Container
Section	06 10 53	Rough Carpentry
Section	07 53 23	EPDM Roofing (Ballasted)
Section	07 54 19	PVC Roofing
Section	07 62 00	Sheet Metal Flashing and Trim
Section	07 72 00	Acoustical Smoke Vents
Section	07 72 05	Roof Hatches
Section	07 92 00	Joint Sealers

**Project Specific Clarifications:**

1. Provide dumpsters and rubbish containers for your own work.
2. Provide traffic control measures when required for your work.
3. Regarding Specification Section 06 10 53 – Misc. Rough Carpentry; The Bid Category No. 5 Contractor is responsible for all wood blocking and sheathing required for roof installation, including inside parapet wall sheathing, MEP curbs, metal roof copings, roof hatches, etc. This includes any "Densdeck" type sheathing or plywood required at the inside face and top of parapet walls.

4. Regarding Specification Section 07 92 00 – Joint Sealants, all contractors are to provide caulking for their work in accordance with the Contract Documents. In general, the Contractor whose work creates the joint to be caulked (in the normal sequence of work) is to provide the joint sealant.
5. Coordinate all roof openings, sleeves, etc. with the MEP/FP Contractors.
6. Assume more than one mobilization is required as indicated in the Guideline Schedule
7. Provide drinking water, hand washing stations and hand sanitizer for your labor force.
8. Include the early purchase of all roofing materials required for the project. Storage costs for these materials, based on the preliminary installation dates indicated in the Guideline Schedule, are to be included by the Bid Category No. 5 Contractor. After receipt of the roofing materials, Bid Category No. 5 Contractor may bill for the roofing materials as Stored Materials.

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

General Requirements in Paragraph 3.02.B above.

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
Section	02 41 19	Selective Demolition
Section	03 11 26	Stadium Savers Permanent Tier Forming
Section	03 30 00	Cast-In-Place Concrete
Section	03 35 00	Polished Concrete
Section	03 39 00	Concrete Curing and Sealing
Section	05 72 00	Decorative Metal Railings
Section	06 10 53	Rough Carpentry
Section	06 62 00	Solid Surface Fabrications
Section	07 13 10	Sheet Waterproofing
Section	07 21 13	Board Insulation
Section	07 42 13	Flat Metal Wall Panels
Section	07 42 14	Formed Metal Wall Panels
Section	07 46 16	Woodgrain Aluminum Soffits and Ceilings
Section	07 92 00	Joint Sealers
Section	07 95 13	Expansion Joint Cover Assemblies
Section	08 11 13	Steel Doors
Section	08 12 13	Steel Frames
Section	08 14 16	Flush Wood Doors

Section	08 31 00	Access Doors and Panels
Section	08 33 10	Overhead Coiling Fire Doors
Section	08 33 14	Counter Shutters
Section	08 71 00	Hardware
Section	09 44 00	Epoxy Terrazzo
Section	10 11 00	Visual Display Boards
Section	10 21 13	Plastic Toilet Compartments
Section	10 26 05	Wall Protection
Section	10 28 13	Toilet Accessories
Section	10 44 00	Signage
Section	10 44 13	Fire Extinguishers and Cabinets
Section	10 70 00	Canopies
Section	11 61 13	Theatre Acoustic Shell
Section	11 61 23	Theatre Portable Platforms
Section	11 61 33	Theatre Rigging, Curtains & Tracks
Section	12 32 16	Plastic-Laminate Casework
Section	14 24 00	Elevators
Section	14 42 16	Wheelchair Lift
Section	31 20 00	Earth Moving
Section	31 25 13	Erosion Control
Section	32 16 16	Asphalt Paving
Section	32 13 16	Concrete Paving
Section	33 11 00	Water Utility Distributing Piping
Section	33 31 00	Sanitary Utility Sewerage Piping
Section	33 41 00	Storm Utility Drainage Piping

**Project Specific Clarifications:**

1. Provide all selective demolition required for the project; include advance demolition of “pockets” required at existing Natatorium CMU/brick wall required for new steel connections at Natatorium Roof framing; include temporary flashing and waterproofing both prior to and after new steel is erected.
2. Clean and de-muck top of foundation walls immediately prior to the start of precast erection work.
3. Provide all erosion control measures.
4. Provide all site clearing and site demolition work.
5. Provide and maintain concrete washout pit/dumpsters.
6. Provide temporary access roads, haul roads, construction entrances and construction fencing/gates as indicated on the Site Logistics Plan dated May 24, 2022. Include installation, maintenance, and removal of same when and as directed by the Construction Manager. Provide a 2<sup>nd</sup> set of construction gates, pole mounted, north of the Stadium just south of the driveway serving the east student parking lot.
7. Provide a full height, dust proof, temporary partition at the Natatorium Pool Deck prior to demolition of the existing exterior wall. Make provisions to ensure that the supply/exhaust/return ductwork continues to service the pool area (not the construction zone).

8. Provide field engineering and layout for your own work.
9. Provide traffic control measures when required for your work.
10. Provide road cleaning/sweeping for entire project duration.
11. Provide temporary sanitary facilities for entire project duration.
12. Provide final As-Built survey for utility work.
13. Provide all foundation/footing excavation and backfill including drainage course under slab on grade.
14. Provide all slab on grade work including hot water and winter blanket protection, as required, based on the construction schedule.
15. Provide grouting of all column bases.
16. Provide bituminous coating at all column bases if indicated on the construction documents.
17. All spoils from excavation work generated by Bid Category No. 1 shall be removed from site by Bid Category No. 1.
18. Provide foundation underdrainage as indicated.
19. Provide dumpsters and rubbish containers for the duration of the project. Bid Category Nos. 3, 5 and 7 shall provide dumpsters and rubbish containers for their own work.
20. Provide excavation for all curbs and walks.
21. Provide all site concrete including aggregate sub-base. Provide asphalt paving including aggregate sub-base. Provide pavement markings and signage.
22. Underground storm and sanitary lines will be installed to a point five (5) feet outside foundation walls by Bid Category No. 1 Contractor.
23. Bid Category No. 1 Contractor is responsible for joint sealant at hollow metal frames installed within masonry openings.
24. Include 150 laborer hours and 150 carpenter hours for use at the discretion of the Construction Manager.
25. Bid Category No. 1 Contractor shall stub the domestic water and fire services into the building; provide flanged connections located three (3) feet above the finished floor.
26. Bid Category No. 6 Contractor shall provide all hardware required for aluminum/glass doors that are included within their scope of work. Bid Category No. 1 Contractor shall furnish permanent cores for these doors for installation by Bid Category No. 6 Contractor.
27. Regarding any references to "GC" or "General Contractor" indicated on the Contract Documents, this work is the responsibility of the Bid Category No. 1 Contractor.
28. Regarding Specification Section 06 10 53 – Misc. Rough Carpentry; The Bid Category No. 4 Contractor is responsible for all wood blocking and sheathing required for roof installation including inside parapet wall sheathing, MEP curbs, metal roof copings, roof hatches, etc. This includes any "Densdeck" type sheathing or plywood required at the inside face and top of parapet walls. The Bid Category No. 7 Contractor is responsible for wood blocking and plywood within the Metal Stud Walls, plywood attached to metal stud walls (including plywood or wood studs required at all window openings including at CMU openings). The Bid Category No. 1 Contractor is responsible for all other wood blocking required in the Contract Document including but not



limited to temporary enclosures for winter conditions at all window and door openings.

29. Regarding Specification Section 07 92 00 – Joint Sealants, all contractors are to provide caulking for their work in accordance with the Contract Documents. In general, the Contractor whose work creates the joint to be caulked (in the normal sequence of work) is to provide the joint sealant.
30. Provide plywood covered frames or reinforced plastic for window openings, overhead door openings, and hinged plywood at door openings to maintain temperatures necessary to perform the work and provide security. Provide protection against adverse weather so that the building and materials will not be damaged, and against unauthorized entry. Protection shall be provided well in advance of finishing operations to prevent penetration of dust or moisture into finished areas.
31. Provide five (5) Construction grade padlocks keyed alike with freeze protection for gates/doors with a minimum of ten (10) keys for distribution to designated contractors and the Construction Administrator.
32. Lock all construction gates at the end of each workday for the entire project duration.
33. Provide damp-proofing and rigid insulation at the exterior foundation walls and slab on grade as indicated.
34. Receive and install all steel embeds and anchor bolts furnished by Bid Category Nos. 2 and 4 Contractors.
35. The Contractor's BIM Coordinator is required to produce three-dimensional CAD file drawings formatted to be imported into BIM Collaborate for 3D Coordination. These files are to include all components needed to coordination with 3D MEP Coordination files. These files are needed per the master schedule after approved shop drawings for specific areas of the building as scheduled. The Contractors BIM Coordinator and Site Forman are required to attend and participate in 3D Coordination Meetings and update their three-dimensional CAD file drawings from coordination through as-built.
36. Supply adequate manpower and sweeping compound as required to maintain "construction clean" conditions, on a weekly basis, of the jobsite for the entire project duration.
37. Provide drinking water, hand washing stations and hand sanitizer for your labor force.

E. BID CATEGORY NO. 3 – MASONRY

General Requirements in Paragraph 3.02.B above.

Section	01 52 60	Rubbish Container
Section	04 05 13	Masonry Mortar and Grout
Section	04 21 00	Unit Masonry
Section	07 21 13	Board Insulation
Section	07 27 26	Air/Water Resistive Barrier
Section	07 84 00	Firestopping
Section	07 92 00	Joint Sealers

**Project Specific Clarifications:**

1. Provide dumpsters and rubbish containers for your own work.
2. Provide traffic control measures when required for your work.
3. Regarding Specification Section 07 92 00 – Joint Sealants, all contractors are to provide caulking for their work in accordance with the Contract Documents. In general, the Contractor whose work creates the joint to be caulked (in the normal sequence of work) is to provide the joint sealant.
4. Coordinate all required wall openings with the MEP Contractors.
5. Provide Fluid Applied Air and Vapor Barrier, along with rigid insulation, at all surfaces requiring same as indicated in the bid documents.
6. Provide drinking water, hand washing stations and hand sanitizer for your labor force.

F. **BID CATEGORY NO. 6 – GLAZING**

General Requirements in Paragraph 3.02.B above.

Section	07 92 00	Joint Sealers
Section	08 41 13	Aluminum Entrances and Storefronts
Section	08 44 13	Glazed Aluminum Curtain Walls
Section	08 71 00	Hardware
Section	08 80 00	Glazing
Section	08 81 17	Fire Rated Glass
Section	09 84 20	Glass Wall Panel Systems

**Project Specific Clarifications:**

1. Provide traffic control measures when required for your work.
2. Regarding Specification Section 07 92 00 – Joint Sealants, all contractors are to provide caulking for their work in accordance with the Contract Documents. In general, the Contractor whose work creates the joint to be caulked (in the normal sequence of work) is to provide the joint sealant.
3. Bid Category No. 6 Contractor shall provide all hardware required for aluminum/glass doors that are included within their scope of work. Bid Category No. 1 Contractor shall furnish permanent cores for these doors for installation by Bid Category No. 6 Contractor.
4. Provide drinking water, hand washing stations and hand sanitizer for your labor force.
5. Breakdown/remove all crates and pallets from the building on a weekly basis and place same inside dumpsters provided by Bid Category No. 1 Contractor.

G. **BID CATEGORY NO. 7 – DRYWALL**

General Requirements in Paragraph 3.02.B above.

Section	01 52 60	Rubbish Container
Section	05 40 00	Cold Formed Metal Framing
Section	06 10 53	Rough Carpentry
Section	06 16 43	Gypsum Sheathing
Section	07 21 13	Board Insulation
Section	07 21 16	Batt Insulation
Section	07 84 00	Firestopping

Section	07 92 00	Joint Sealers
Section	09 21 16	Gypsum Board Assemblies
Section	09 51 00	Acoustical Ceilings
Section	09 84 10	Acoustic Panels and Diffusers

**Project Specific Clarifications:**

1. Provide dumpsters and rubbish containers for your own work.
2. Provide traffic control measures when required for your work.
3. Regarding Specification Section 06 10 53 – Misc. Rough Carpentry; The Bid Category No. 4 Contractor is responsible for all wood blocking and sheathing required for roof installation including inside parapet wall sheathing, MEP curbs, metal roof copings, roof hatches, etc. This includes any “Densdeck” type sheathing or plywood required at the inside face and top of parapet walls. The Bid Category No. 7 Contractor is responsible for wood blocking and plywood within the Metal Stud Walls, plywood attached to metal stud walls (including plywood or wood studs required at all window openings). The Bid Category No. 1 Contractor is responsible for all other wood blocking required in the Contract Document including but not limited to temporary enclosures for winter conditions at all window and door openings.
4. Regarding Specification Section 07 92 00 – Joint Sealants, all contractors are to provide caulking for their work in accordance with the Contract Documents. In general, the Contractor whose work creates the joint to be caulked (in the normal sequence of work) is to provide the joint sealant.
5. Bid Category No. 1 Contractor is responsible for joint sealant at hollow metal frames installed within masonry openings; Bid Category No. 7 Contractor is responsible for joint sealant at hollow metal frames installed within drywall partitions.
6. Coordinate all required wall openings with the MEP Contractors.
7. Include 100 carpenter man hours for use at the discretion of the Construction Manager.
8. Breakdown/remove all crates and pallets from the building on a weekly basis and place same inside dumpsters provided by Bid Category No. 7 Contractor.
9. The Contractor’s BIM Coordinator is required to produce three-dimensional CAD file drawings formatted to be imported into BIM Collaborate for 3D Coordination. These files are to include all components needed to coordination with 3D MEP Coordination files. These files are needed per the master schedule after approved shop drawings for specific areas of the building as scheduled. The Contractors BIM Coordinator and Site Forman are required to attend and participate in 3D Coordination Meetings and update their three-dimensional CAD file drawings from coordination through as-built
10. Provide drinking water, hand washing stations and hand sanitizer for your labor force.

H. **BID CATEGORY NO. 8 – FLOORING**

General Requirements in Paragraph 3.02.B above.

Section	09 30 00	Tiling
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Section	09 55 00	Wood Flooring
Section	09 65 00	Resilient Flooring
Section	09 67 40	Epoxy Flooring
Section	09 68 50	Carpet Tile

**Project Specific Clarifications:**

1. Provide traffic control measures when required for your work.
2. Breakdown/remove all crates and pallets from the building on a weekly basis and place same inside dumpsters provided by Bid Category No. 1 Contractor.
3. Provide drinking water, hand washing stations and hand sanitizer for your labor force.

**I. BID CATEGORY NO. 9 – PAINTING**

General Requirements in Paragraph 3.02.B above.

Section	07 92 00	Joint Sealers
Section	09 72 00	Wallcovering
Section	09 91 00	Painting

**Project Specific Clarifications:**

1. Breakdown/remove all crates and pallets from the building on a weekly basis and place same inside dumpsters provided by Bid Category No. 1 Contractor.
2. Include 150 painter man hours for use at the discretion of the Construction Manager.
3. Provide drinking water, hand washing stations and hand sanitizer for your labor force.

**J. BID CATEGORY NO. 10 – AUDITORIUM SEATING**

General Requirements in Paragraph 3.02.B above.

Section	12 61 00	Fixed Seating
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**Project Specific Clarifications:**

1. Breakdown/remove all crates and pallets from the building on a weekly basis and place same inside dumpsters provided by Bid Category No. 7 Contractor.
2. Provide drinking water, hand washing stations and hand sanitizer for your labor force.

**K. BID CATEGORY NO. 11 – FIRE SUPPRESSION**

General Requirements in Paragraph 3.02.B above.

Section	21 05 01	Basic Fire Suppression Requirements
Section	21 05 02	Agreement and Waiver for The Use of Electronic Files
Section	21 05 02a	Electronic Files – Heapy Release Form to Contractors
Section	21 05 04	Basic Fire Suppression Materials and Methods
Section	21 05 05	Firestopping
Section	21 05 07	Piping Materials and Methods for Fire Suppression
Section	21 05 09	Excavation, Backfill and Surface Restoration

Section	21 05 19	Meters and Gauges for Fire Suppression Piping
Section	21 05 29	Hangers and Supports for Fire Suppression Piping
Section	21 05 30	Bases and Supports for Fire Suppression Equipment
Section	21 05 53	Identification of Fire Suppression Piping and Equipment
Section	21 13 13	Fire Suppression Sprinkler System
Section	21 13 14	Fire Suppression Standpipe System
Section	21 13 15	Fire Suppression Equipment
Section	21 31 13	Electric Driven Centrifugal Fire Pump

**Project Specific Clarifications:**

1. Provide housekeeping pads for your own work/equipment.
2. Breakdown/remove all crates and pallets from the building on a weekly basis and place same inside dumpsters provided by Bid Category No. 1 Contractor.
3. The Contractor's BIM Coordinator is required to produce three-dimensional CAD file drawings formatted to be imported into BIM Collaborate for 3D Coordination. These files are to include all components needed to coordination with 3D MEP Coordination files. These files are needed per the master schedule after approved shop drawings for specific areas of the building as scheduled. The Contractors BIM Coordinator and Site Forman are required to attend and participate in 3D Coordination Meetings and update their three-dimensional CAD file drawings from coordination through as-built.
4. Provide drinking water, hand washing stations and hand sanitizer for your labor force

**L. BID CATEGORY NO. 12 – PLUMBING/MECHANICAL**

General Requirements in Paragraph 3.02.B above.

Section	01 51 30	Temporary Heating, Ventilation and Cooling
Section	01 51 50	Temporary Water
Section	07 92 00	Joint Sealers
Section	22 05 01	Basic Plumbing Requirements
Section	22 05 02	Agreement and Waiver for The Use of Electronic Files
Section	22 05 02a	Electronic Files – Heapy Release Form to Contractors
Section	22 05 04	Basic Plumbing Materials and Methods
Section	22 05 05	Firestopping
Section	22 05 07	Piping Materials and Methods
Section	22 05 09	Excavation, Backfill and Surface Restoration
Section	22 05 23	General Duty Valves for Plumbing Piping
Section	22 05 29	Hangers and Supports for Plumbing Piping
Section	22 05 30	Bases and Supports for Plumbing Equipment
Section	22 05 53	Identification of Plumbing Piping and Equipment
Section	22 07 19	Plumbing Piping Insulation
Section	22 10 12	Interior Gas Piping
Section	22 11 16	Interior Domestic Water Piping
Section	22 11 19	Interior Domestic Water Piping Specialties

Section	22 13 16	Interior Drainage and Vent Systems
Section	22 13 19	Drainage Systems Specialties
Section	22 13 29	Plumbing Pumps - Drainage
Section	22 33 00	Domestic Water Heaters
Section	22 42 00	Plumbing Fixtures
Section	23 05 01	Basic HVAC Requirements
Section	23 05 02	Agreement and Waiver for Use of Electronic Files
Section	23 05 02a	Electronic Files - Heapy Release Form to Contractors
Section	23 05 04	Basic HVAC Materials and Methods
Section	23 05 05	Firestopping
Section	23 05 07	Piping Materials and Methods
Section	23 05 13	Electrical Requirements for HVAC Equipment
Section	23 05 14	Adjustable Frequency Motor Controller
Section	23 05 19	Gauges for HVAC Piping
Section	23 05 23	General Duty Valves for HVAC Piping
Section	23 05 29	Hangers and Supports for HVAC Piping
Section	23 05 30	Bases and Supports for HVAC Equipment
Section	23 05 49	Vibration Control for HVAC
Section	23 05 50	Flexible HVAC Pipe Connectors
Section	23 05 53	Identification of HVAC Piping and Equipment
Section	23 05 93	Testing, Adjusting and Balancing for HVAC
Section	23 07 13	Duct Insulation
Section	23 07 16	HVAC Equipment Insulation
Section	23 07 19	HVAC Pipe Insulation
Section	23 09 23	Building Automation System For HVAC
Section	23 09 25	Instrumentation and Control Devices For HVAC
Section	23 09 47	Control Power and Wiring For HVAC
Section	23 21 13	Hydronic Piping
Section	23 21 14	Expansion Tanks (Pressurized Diaphragm/Bladder)
Section	23 21 23	Hydronic Pumps
Section	23 25 00	Water Treatment Systems
Section	23 31 13	HVAC Ductwork
Section	23 33 00	Air Duct Accessories
Section	23 34 00	HVAC Fans
Section	23 36 16	Air Terminal Units (Vav Reheat & Shutoff) (DDC Control)
Section	23 37 00	Air Outlets and Inlets
Section	23 51 17	Breechings, Chimneys and Stacks Factory Double Wall
Section	23 52 20	Hot Water High Efficiency Condensing Boilers
Section	23 73 00	Modular Air Handling Units
Section	23 81 28	Dx Mini Split Systems
Section	23 82 16	Duct Heating Coils
Section	23 82 39	Unit Heaters - Cabinet/Propeller
Section	23 83 16	Radiant Floor Heating System – Hydronic
Section	31 20 00	Earth Moving

**Project Specific Clarifications:**

1. Provide traffic control measures when required for your work.
2. Provide housekeeping pads for your own work/equipment.
3. Underground storm and sanitary lines will be installed to a point five (5) feet outside foundation walls by Bid Category No. 1 Contractor. All work from this point shall be by Bid Category No. 12 Contractor.
4. Seal all penetrations around your work that passes through walls, floors and roofs.
5. Provide 120V power to all Temperature Control/BAS panels including conduit, conductors, final connections, etc.
6. Furnish all Variable Frequency Motor Controllers required for Mechanical Equipment; installation shall be by Bid Category No. 10 Contractor.
7. Breakdown/remove all crates and pallets from the building on a weekly basis and place same inside dumpsters provided by Bid Category No. 1 Contractor.
8. All spoils from excavation work generated by Bid Category No. 12 Contractor shall be removed from site by Bid Category No. 12 Contractor.
9. Bid Category No. 12 Contractor is responsible for planning/coordinating their underground sanitary work so that the existing sanitary lines from the adjacent buildings, which run underneath the Auditorium Addition, remain fully functional at all times.
10. The Contractor's BIM Coordinator is required to produce three-dimensional CAD file drawings formatted to be imported into BIM Collaborate for 3D Coordination. These files are to include all components needed to coordination with 3D MEP Coordination files. These files are needed per the master schedule after approved shop drawings for specific areas of the building as scheduled. The Contractors BIM Coordinator and Site Forman are required to attend and participate in 3D Coordination Meetings and update their three-dimensional CAD file drawings from coordination through as-built.
11. Provide drinking water, hand washing stations and hand sanitizer for your labor force.

**M. BID CATEGORY NO. 13 – ELECTRICAL/TECHNOLOGY**

General Requirements in Paragraph 3.02.B above.

Section	01 51 10	Temporary Electricity, Lighting and Warning Systems
Section	26 05 01	Basic Electrical Requirements
Section	26 05 02	Agreement and Waiver for Use of Electronic Files
Section	26 05 02a	Electronic Files - Heapy Release Form to Contractors
Section	26 05 04	Basic Electrical Materials and Methods
Section	26 05 05	Firestopping
Section	26 05 09	Excavation, Backfill and Surface Restoration
Section	26 05 19a	Low-Voltage Electrical Power Conductors - Copper
Section	26 05 19b	Low-Voltage Electrical Power Conductors – Aluminum

Section	26 05 20	Low-Voltage Electrical Power Cables – Metal Clad “Mc” Cable
Section	26 05 26	Grounding and Bonding for Electrical Systems
Section	26 05 33	Raceways and Boxes for Electrical Systems
Section	26 05 36	Special Wireways and Raceways - For Electrical Systems
Section	26 05 43	Manholes, Handholes, Underground Ducts and Raceways for Electrical Systems
Section	26 05 44	Theater Cable Sleeves
Section	26 05 53	Identification for Electrical Systems
Section	26 05 65	Specific Wiring Applications
Section	26 09 23	Lighting Control Devices
Section	26 09 43.16	Network Lighting Controls (BAS Interface)
Section	26 09 61	Theatrical Lighting Control and Equipment
Section	26 22 14	Distribution Transformers
Section	26 24 16	Panelboards
Section	26 27 13	Electricity Metering / Building Service - Secondary
Section	26 27 16	Electrical Cabinets and Enclosures
Section	26 27 26	Wiring Devices and Coverplates
Section	26 27 39	Elevator Power Module and Wiring
Section	26 28 13	Fuses
Section	26 28 16	Disconnect Switches
Section	26 33 23	Central Battery Equipment
Section	26 41 00	Facility Lightning Protection System
Section	26 43 13	Surge Protection Devices (SPD's) for Low-Voltage Electrical Power Circuits
Section	26 51 13	Interior Luminaires, Lamps, and Ballasts
Section	26 52 00	Exit and Emergency Lighting
Section	26 56 00	Exterior Lighting
Section	27 05 01	Basic Communications Requirements
Section	27 05 02	Agreement and Waiver for Use of Electronic Files
Section	27 05 02a	Electronic Files - Heapy Release Form to Contractors
Section	27 05 04	Basic Communications Materials and Methods
Section	27 05 05	Firestopping
Section	27 05 26	Grounding and Bonding for Communications Systems
Section	27 05 28	Communications Systems Pathways and Support Equipment
Section	27 05 53	Identification for Communications Systems
Section	27 11 00	Communications Equipment Room Fittings
Section	27 13 23	Communications Optical Fiber Backbone Cabling
Section	27 15 13	Communications Copper Horizontal Cabling
Section	27 51 25	Ip Based Building Paging – Intercom System
Section	27 51 28	Auditorium Sound Reinforcement System
Section	28 31 00	Extension of Existing Fire Detection and Alarm System



**Project Specific Clarifications:**

1. Fabricate all conduit and box assemblies and ship same to the Bid Category No. 2 Contractor; include marked up locations, complete with dimensions, on the precast shop drawings.
2. Provide traffic control measures when required for your work.
3. Provide housekeeping pads for your own work/equipment.
4. All spoils generated by Bid Category No. 13 Contractor shall be removed from site.
5. Receive, hoist, distribute and install all Variable Frequency Controllers furnished by Bid Category No. 12 Contractor.
6. Seal all penetrations around your work that passes through walls, floors and roofs.
7. Breakdown/remove all crates and pallets from the building on a weekly basis and place same inside dumpsters provided by Bid Category No. 1 Contractor.
8. All spoils from excavation work generated by Bid Category No. 13 Contractor shall be removed from site by Bid Category No. 13 Contractor
9. The Contractor's BIM Coordinator is required to produce three-dimensional CAD file drawings formatted to be imported into BIM Collaborate for 3D Coordination. These files are to include all components needed to coordination with 3D MEP Coordination files. These files are needed per the master schedule after approved shop drawings for specific areas of the building as scheduled. The Contractors BIM Coordinator and Site Forman are required to attend and participate in 3D Coordination Meetings and update their three-dimensional CAD file drawings from coordination through as-built.
10. Provide drinking water, hand washing stations and hand sanitizer for your labor force.

END OF SECTION 01 12 00