

SECTION 00 02 00 - NOTICE TO BIDDERS

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received:

By: Shelbyville Central Schools
1121 E. State Road 44
Shelbyville, IN 46176

For: Coulston Elementary School Renovation
121 N. Knightstown Rd.
Shelbyville, IN 46176
&
Shelbyville Middle School Renovation
1200 W McKay Rd.
Shelbyville, IN 46176

At: Shelbyville Central Schools, 1121 E. State Rd. 44, Shelbyville, IN 46176

Until: 1:00pm (local time), June 7, 2022

Bid Opening: Bids will be publicly opened and read aloud at 1:00pm (local time), at Shelbyville Central Schools, 1121 E. State Rd.44, Shelbyville, IN 46176, in the Board Room.

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 May 17, 2022 at 10:00am, local time, at Coulston Elementary School, 121 N Knightstown Rd., Shelbyville, IN 46716. 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 **Shelbyville Central 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.

Shelbyville Central Schools
By: Michelle Babcock, Business Manager

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.

1.06 OWNERS RIGHT TO MAINTAIN OPERATIONS

- B. 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.
- C. 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.
- D. 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.
- E. 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 Subcontracts and must provide the case verification number of all employees working on the project.
 6. Prohibits contractors down to the 4th Tier Subcontract from paying employees in cash.
 7. Requirement to retain payroll records for 3 years
 8. All contractors down to the 4th Tier Subcontract 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 Subcontract 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 08 20 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 **773** 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

B. PROVIDED BY ALL CONTRACTORS AS APPLICABLE

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

General Clarifications for All Contractors:

1. Contractors shall refer to Guideline Schedule and include in their bid all necessary cold weather procedures or admixtures as required to meet the schedule.
2. Any sleeves or passthroughs are to be coordinated between the Contractor requiring the sleeve or passthrough and the General Trades Contractor. General Trades Contractor should receive the sleeve material from other Contractor for installation by General Trades Contractor within their Work, i.e. concrete slabs, block walls, metal and drywall walls, etc.
3. All Contractors are responsible to protect adjacent finishes from damage during construction activities.

4. All Contractors' field superintendent is to have a tablet with capabilities to access eComm and PlanGrid.
5. Regarding specification section 07 92 05 – Joint Sealers, 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.
6. Regarding specification section 07 84 00 – Firestopping, all Contractors are to provide firestopping for penetrations created by their work in accordance with the Contract Documents.
7. Regarding specification section 01 73 10 – Cutting and Patching, any Contractor performing cutting for any demolition outlined in their scope of work is also responsible for patching these areas to receive finishes in accordance with the Contract Documents. Note, this clarification takes precedent over drawing notes that may say otherwise.
8. Equipment bases and pads shall be provided by the Contractor installing the equipment.
9. Any Contractor performing excavation work shall daylight (hydro-vacuum excavation) all existing utilities to confirm depths, sizes and locations prior to starting any excavation work.

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

All contractors shall subscribe to PlanGrid for use on this project. Number of users is up to the contractor, however, at a minimum your site personnel will be required to use this product to facilitate communication. PlanGrid will be used for the current construction documentation to include current set, addenda, ASI, As Built Conditions, QA/QC, and Punch List. Visit the www.PlanGrid.com 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 for bid documents

C. PROVIDED BY DESIGNATED CONTRACTORS

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

Section	01 56 20	Dust Control
Section	01 56 80	Erosion Control
Section	01 57 60	Project Signs
Section	01 72 00	Field Engineering

3.03 BID CATEGORIES

A. BID CATEGORY NO. 1 – GENERAL TRADES

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 23 00	Alternates
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

COULSTON ELEMENTARY SCHOOL VOLUMES 2-3:

Section	02 41 19	Selective Demolition
Section	03 20 00	Concrete Reinforcing
Section	03 30 00	Cast-In-Place Concrete
Section	04 01 00	Masonry Repairs
Section	04 05 13	Masonry Mortar and Grout
Section	04 20 00	Unit Masonry
Section	04 21 00	Unit Masonry
Section	05 12 00	Structural Steel Framing
Section	05 31 00	Steel Decking
Section	05 50 00	Metal Fabrications
Section	06 10 53	Rough Carpentry
Section	07 21 13	Rigid Insulation
Section	07 21 16	Batt Insulation
Section	07 84 00	Firestopping
Section	07 92 00	Masonry Sealants
Section	07 92 05	Joint Sealers
Section	08 11 13	Steel Doors
Section	08 12 13	Steel Frames
Section	08 14 16	Flush Wood Doors
Section	08 41 13	Aluminum Entrances and Storefronts
Section	08 71 00	Hardware
Section	08 80 00	Glazing

Section	09 21 16	Gypsum Board Assemblies
Section	09 67 40	Epoxy Flooring
Section	09 77 20	Fiberglass Reinforced Panels
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	11 66 23	Wall Padding
Section	31 10 00	Site Clearing
Section	31 20 00	Earth Moving
Section	31 25 13	Erosion and Sedimentation Control
Section	32 12 16	Asphalt Paving
Section	32 13 13	Concrete Paving
Section	32 31 13	Chain Link Fences and Gates – PVC Coated
Section	32 31 32	Wood Composite Fences and Gates
Section	32 92 00	Turf and Grasses
Section	33 10 00	Water Distribution
Section	33 40 00	Storm Drainage

SHELBYVILLE MIDDLE SCHOOL VOLUMES 4-5:

Section	02 41 19	Selective Demolition
Section	03 20 00	Concrete Reinforcing
Section	03 30 00	Cast-In-Place Concrete
Section	03 39 00	Concrete Curing and Sealing
Section	04 05 13	Masonry Mortar and Grout
Section	04 21 00	Unit Masonry
Section	05 12 00	Structural Steel Framing
Section	05 31 00	Steel Decking
Section	05 50 00	Metal Fabrications
Section	05 52 10	Pipe and Tube Railings
Section	06 10 53	Rough Carpentry
Section	07 13 10	Sheet Waterproofing
Section	07 21 13	Board Insulation
Section	07 21 16	Batt Insulation
Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers
Section	08 11 13	Steel Doors
Section	08 12 13	Steel Frames
Section	08 14 16	Flush Wood Doors
Section	08 71 00	Hardware
Section	08 80 00	Glazing
Section	09 21 16	Gypsum Board Assemblies
Section	09 65 66	Polyethene Floor System
Section	09 67 40	Epoxy Flooring
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 51 15	Standard Metal Lockers
Section	11 13 20	Projection Screens
Section	11 61 33	Theatre Rigging, Curtains, and Tracks
Section	11 66 23	Gymnasium Equipment
Section	12 66 16	Telescoping Bleachers
Section	14 24 00	Hydraulic Elevators

Project Specific Clarifications Applicable to Both Buildings

1. Regarding any references to “GC” or “General Contractor” indicated on the Contract Documents, this work is the responsibility of the General Trades Contractor.
2. The General Trades Contractor is responsible to remove dirt and mud that is tracked on the roadways
3. The General Trades Contractor is to mow the grass and maintain the weeds within the and adjacent to the construction fencing.
4. The General Trades Contractor is responsible for snow and ice removal within the construction fencing. All walk paths and entrances shall be adequately treated with ice melt or sand to prevent ice build-up.
5. All final connections to equipment and furnishings (not integral to equipment) interior and exterior, shall be made by Plumbing & Mechanical and Electrical & Technology Contractors. Coordinate with other trades as necessary.
6. General Trades Contractor is responsible for installation and maintenance of temporary partitions to allow for phased construction. See forthcoming phasing plan for additional information.
7. General Trades Contractor to provide downspout boots or adapters and all associated storm sewer piping at and below grade. Roofing Contractor to provide down spouts. Exact location of down spouts is to be coordinated between Roofing and General Trades Contractors.
8. General Trades Contractor to provide all in wall wood blocking. Coordinate exact locations of blocking with other Contractors.
9. General Trades Contractor is responsible to provide cement backer board for tile as required in specification 09 30 00 – Tiling. All other work required for tiling installation is by Flooring Bid Category.
10. General Trades Contractor to review floor slab moisture mitigation included in this scope of Work.
11. General Trades Contractor to include the removal, staging, protection, and reinstallation of kitchen equipment to perform this scope of Work. Utilities are to be disconnected and reconnected by Plumbing & Mechanical and Electrical & Technology Contractors. The intent is to relocate and stage all equipment to gymnasium for temporary storage.

B. BID CATEGORY NO. 2 - ROOFING

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 23 00	Alternates

COULSTON ELEMENTARY SCHOOL VOLUMES 2-3:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers

SHELBYVILLE MIDDLE SCHOOL VOLUMES 4-5:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers

Project Specific Clarifications Applicable to Both Buildings

1. Roofing Contractor is responsible for all wood blocking and plywood required for roof systems including MEP curbs, metal roof coping, flashings, gutters, roof hatches, or the like, interfacing with the roofing.
2. Roofing Contractor shall coordinate roof penetrations with the appropriate trades to ensure that all penetrations conform with the roof systems installation requirements. Provide all material necessary to seal these penetrations.
3. Roofing Contractor to furnish and install roofing gutters and downspouts and include tie into downspout boot or adapter. Downspout boot or adapter is to be provided and installed by General Trades Contractor. Coordinate exact locations of downspouts with General Trades Contractor.
4. Roofing Contractor to inform the Construction Manager within 10 business days of the Pre-Award Conference of any known material lead time concerns.
5. Regarding rooftop mechanical equipment demolition and installation, it is the responsibility of the Plumbing and Mechanical Contractor to remove any equipment scheduled for removal or demolition. The Plumbing & Mechanical Contractor is then responsible for any temporary roof patching of openings and penetrations to create a weather tight roof system. All permanent patching and sealing of roof openings and penetrations is to be performed by the Roofing Contractor. It is the responsibility of the Plumbing & Mechanical Contractor to coordinate with the Roofing Contractor to provide advance notice when a permanent opening or penetration is ready to be sealed. Note, the Plumbing & Mechanical Contractor should take care to minimize roofing damage when performing demolition activities.
6. The allowance for roof deck repair referenced on the Roof Plans is included as part of the Contingency Allowance listed in 01 21 00 – Contract

C. BID CATEGORY NO. 3 - FLOORING

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 23 00	Alternates

COULSTON ELEMENTARY SCHOOL VOLUMES 2-3:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers
Section	09 30 00	Tiling
Section	09 65 00	Resilient Flooring
Section	09 68 50	Carpet Tile

SHELBYVILLE MIDDLE SCHOOL VOLUMES 4-5:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers
Section	09 65 00	Resilient Flooring

Project Specific Clarifications Applicable to Both Buildings

1. Flooring Contractor to include costs to prepare sub-floor and underlayments as required to perform his work, including but not limited to thresholds, patching, adhesives, edge strips, reducer strips, sleepers, vapor barriers, fasteners, leveling compounds and other, per manufacturer recommendations.
2. Flooring Contractor to review floor slab moisture mitigation included in this scope of Work.
3. General Trades Contractor is responsible to provide cement backer board for tile as required in specification 09 30 00 – Tiling. All other work required for tiling installation is by Flooring Bid Category.
4. In addition to the Contingency Allowance listed in 01 21 00 – Contract Allowances, Flooring Contractor is to include all labor and material required for installation of Mapei Planiseal VS Fast or equal product as an allowance. The area to be included is entirety of resilient flooring, carpet tile, and broadloom carpet locations.

D. BID CATEGORY NO. 4 - PAINTING

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 23 00	Alternates

COULSTON ELEMENTARY SCHOOL VOLUMES 2-3:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers
Section	09 91 00	Painting
Section	09 96 56	Epoxy Coatings
Section	09 97 00	Special Coatings

SHELBYVILLE MIDDLE SCHOOL VOLUMES 4-5:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers
Section	09 91 00	Painting
Section	09 96 56	Epoxy Coatings

Project Specific Clarifications Applicable to Both Buildings

1. Painting Contractor is responsible for painting exposed sheet metal to match room finishes. Review HVAC Demolition Note 3 for additional information.

E. BID CATEGORY NO. 5 – ACOUSTICAL TREATMENTS & CEILINGS

General requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 23 00	Alternates

COULSTON ELEMENTARY SCHOOL VOLUMES 2-3:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers
Section	09 51 00	Acoustical Ceilings

SHELBYVILLE MIDDLE SCHOOL VOLUMES 4-5:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers
Section	09 51 00	Acoustical Ceilings

Project Specific Clarifications Applicable to Both Buildings

1. In addition to the Contingency Allowance listed in 01 21 00 – Contract Allowances, Acoustical Treatment & Ceilings Contractor is to include an additional allowance of 40-man hours for replacement of damaged ceiling materials to be performed at the direction of the Construction Manager.

F. BID CATEGORY NO. 6 - CASEWORK

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 23 00	Alternates

COULSTON ELEMENTARY SCHOOL VOLUMES 2-3:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers
Section	12 32 16	Plastic-Laminate Casework

SHELBYVILLE MIDDLE SCHOOL VOLUMES 4-5:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers

Project Specific Clarifications Applicable to Both Buildings

1. Casework Contractor is to provide all necessary penetrations to casework (from factory or field modified and finished) as required by the Contract Documents or as to accommodate the electrical, mechanical, or plumbing. Contractors to coordinate exact locations of these penetrations.
2. Casework Contractor to provide wood blocking and supports that casework sits on. In wall wood blocking is provided by General Trades Contractor. Coordinate exact location of in wall blocking.

G. **BID CATEGORY NO. 7 – PLUMBING & MECHANICAL**

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 23 00	Alternates
Section	01 51 30	Temporary Heating, Ventilation and Cooling
Section	01 51 50	Temporary Water

COULSTON ELEMENTARY SCHOOL VOLUMES 2-3:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers
Section	22 05 01	General Provisions
Section	22 05 02	Assignment of Miscellaneous Work
Section	22 05 03	Completion and Startup
Section	22 05 04	Demolition
Section	22 05 05	Concrete Pads and Curbs
Section	22 05 19	Meters and Gauges
Section	22 05 29	Basic Piping Requirements
Section	22 05 41	Trenching, Backfilling and Compacting (Interior)
Section	22 05 53	Identification of Piping and Equipment
Section	22 05 64	Painting
Section	22 05 76	Drainage Piping Cleanouts
Section	22 07 19	Plumbing Pipe and Equipment Insulation
Section	22 11 16	Domestic Water Piping System
Section	22 11 19	Domestic Water Piping Specialties
Section	22 13 16	Sanitary Waste and Vent Piping
Section	22 13 19	Sanitary Drains
Section	22 31 00	Water Softeners
Section	22 42 00	Plumbing Fixtures and Trim
Section	22 70 16	Natural Gas Piping
Section	23 05 01	General Provisions
Section	23 05 02	Assignment of Miscellaneous Work
Section	23 05 03	Completion and Startup
Section	23 05 04	Demolition
Section	23 05 05	Concrete Pads and Curbs
Section	23 05 13	Common Motor Requirements
Section	23 05 19	Meters and Gauges
Section	23 05 29	Basic Piping Requirements
Section	23 05 30	Prefabricated Roof Curbs and Supports

Section	23 05 48	Vibration and Seismic Controls for Piping and Equipment
Section	23 05 53	Identification of Piping and Equipment
Section	23 05 64	Painting
Section	23 05 93	Testing, Adjusting and Balancing
Section	23 07 13	Duct Insulation
Section	23 07 19	HVAC Pipe and Equipment Insulation
Section	23 09 13	Instrumentation and Control Devices (Issued by Addendum)
Section	23 09 13.43	Temperature Control Dampers
Section	23 09 13.50	Air Flow Measuring Stations
Section	23 09 93	Sequence of Operation for Controls (Issued by Addendum)
Section	23 10 00	Variable Frequency Motor Controllers
Section	23 21 01	Chilled Water Piping System
Section	23 21 05	Heating Water Piping Systems
Section	23 21 13	Condensate Drain Piping System
Section	23 21 23	Hydronic Pumps
Section	23 23 00	Refrigerant Piping System
Section	23 25 16	Hydronic Systems Water Treatment
Section	23 31 00	HVAC Ducts and Casings
Section	23 31 16	Non-Metal Ducts
Section	23 33 00	Air Duct Accessories
Section	23 34 00	HVAC Fans
Section	23 36 16	Variable-Air-Volume Terminal Units
Section	23 37 00	Air Outlets and Inlets
Section	23 40 00	HVAC Air Cleaning Devices (Filters)
Section	23 57 19	Heat Exchangers
Section	23 62 23	Water Chillers
Section	23 73 00	Air-Handling Units
Section	23 73 01	Coils
Section	23 81 00	Packaged Heating and Cooling Units
Section	23 81 11	Ductless Split Systems
Section	23 82 19	Fan and Coil Units
Section	23 82 93	Terminal Heating Units

SHELBYVILLE MIDDLE SCHOOL VOLUMES 4-5:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers
Section	21 13 13	Wet Pipe Sprinkler System
Section	22 05 01	General Provisions
Section	22 05 02	Assignment of Miscellaneous Work
Section	22 05 03	Completion and Startup
Section	22 05 04	Demolition
Section	22 05 05	Concrete Pads and Curbs
Section	22 05 19	Meters and Gauges
Section	22 05 29	Basic Piping Requirements
Section	22 05 41	Trenching, Backfilling and Compacting (Interior)

Section	22 05 53	Identification of Piping and Equipment
Section	22 05 64	Painting
Section	22 05 76	Drainage Piping Cleanouts
Section	22 07 19	Plumbing Pipe and Equipment Insulation
Section	22 11 16	Domestic Water Piping System
Section	22 11 19	Domestic Water Piping Specialties
Section	22 13 16	Sanitary Waste and Vent Piping
Section	22 13 19	Sanitary Drains
Section	22 14 13	Storm Drainage Piping
Section	22 31 00	Water Softeners
Section	22 42 00	Plumbing Fixtures and Trim
Section	22 70 16	Natural Gas Piping System
Section	23 05 01	General Provisions
Section	23 05 02	Assignment of Miscellaneous Work
Section	23 05 03	Completion and Startup
Section	23 05 04	Demolition
Section	23 05 05	Concrete Pads and Curbs
Section	23 05 13	Common Motor Requirements
Section	23 05 19	Meters and Gauges
Section	23 05 29	Basic Piping Requirements
Section	23 05 30	Prefabricated Roof Curbs and Supports
Section	23 05 48	Vibration and Seismic Controls for Piping and Equipment
Section	23 05 50	Noise Control
Section	23 05 53	Identification of Piping and Equipment
Section	23 05 64	Painting
Section	23 05 93	Testing, Adjusting and Balancing
Section	23 07 13	Duct Insulation
Section	23 07 19	HVAC Pipe and Equipment Insulation
Section	23 09 13	Instrumentation and Control Devices
Section	23 09 13.43	Temperature Control Dampers
Section	23 09 13.50	Air Flow Measuring Stations
Section	23 09 93	Sequence of Operation for Controls
Section	23 10 00	Variable Frequency Motor Controllers
Section	23 21 05	Heating Water Piping Systems
Section	23 21 13	Condensate Drain Piping System
Section	23 23 00	Refrigerant Piping System
Section	23 25 16	Hydronic Systems Water Treatment
Section	23 31 00	HVAC Ducts and Casings
Section	23 31 16	Non-Metal Ducts
Section	23 33 00	Air Duct Accessories
Section	23 33 53	Duct Lining
Section	23 34 00	HVAC Fans
Section	23 37 00	Air Outlets and Inlets
Section	23 40 00	HVAC Air Cleaning Devices (Filters)
Section	23 73 00	Air-Handling Units
Section	23 73 01	Coils
Section	23 81 00	Packaged Heating and Cooling Units

Section	23 81 11	Ductless Split Systems
Section	23 82 19	Fan and Coil Units
Section	23 83 40	Terminal Heating Units

Project Specific Clarifications Applicable to Both Buildings

1. Plumbing and Mechanical Contractor to provide submittals for long lead equipment within 10 business days of receipt of notice to proceed.
2. General Trades Contractor to include the removal, staging, protection, and reinstallation of kitchen equipment to perform this scope of Work. Utilities are to be disconnected and reconnected by Plumbing & Mechanical and Electrical & Technology Contractors. The intent is to relocate and stage all equipment to gymnasium for temporary storage.
3. Regarding rooftop mechanical equipment demolition and installation, it is the responsibility of the Plumbing & Mechanical Contractor to remove any equipment scheduled for removal or demolition. The Plumbing & Mechanical Contractor is then responsible for any temporary roof patching of openings and penetrations to create a weather tight roof system. All permanent patching and sealing of roof openings and penetrations is to be performed by the Roofing Contractor. It is the responsibility of the Plumbing & Mechanical Contractor to coordinate with the Roofing Contractor to provide advance notice when a permanent opening or penetration is ready to be sealed. Note, the Plumbing & Mechanical Contractor should take care to minimize roofing damage when performing demolition activities.
4. The temperature controls low voltage wiring is the responsibility of the Plumbing & Mechanical Contractor.

H. **BID CATEGORY NO. 8 – ELECTRICAL & TECHNOLOGY**

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 23 00	Alternates
Section	01 51 10	Temporary Electricity, Lighting and Warning Systems

COULSTON ELEMENTARY SCHOOL VOLUMES 2-3:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers
Section	26 05 00	Alternates
Section	26 05 01	General Provisions
Section	26 05 02	Assignments of Miscellaneous Work
Section	26 05 03	Completion and Startup
Section	26 05 04	Demolition
Section	26 05 05	Concrete Pads and Curbs
Section	26 05 19	Low Voltage Electrical Power Conductors and Cables
Section	26 05 26	Grounding and Bonding
Section	26 05 33	Raceways and Boxes
Section	26 05 36	Cable Trays

Section	26 05 40	Trenching, Backfilling and Compacting
Section	26 05 53	Identification of Electrical Systems
Section	26 05 64	Painting
Section	26 08 01	Performance Testing
Section	26 24 15	Switchboards (Molded Case Breakers)
Section	26 24 16	Panelboards
Section	26 27 17	Handholes
Section	26 27 26	Wiring Devices
Section	26 28 00	Low Voltage Circuit Protective Devices
Section	26 29 00	Low Voltage Controllers
Section	26 32 13.13	Engine Generator Sets
Section	26 36 23	Automatic Transfer Switches
Section	26 43 13	Surge Protection Devices (SPD) For Low Voltage Electrical Power Circuits
Section	26 51 00	Interior Lighting
Section	26 56 00	Exterior Lighting
Section	27 05 00	Common Work Results for Communications
Section	27 05 01	Scoreboard
Section	27 05 28	Pathways and Communications Systems
Section	27 15 00	Security System
Section	27 15 00.23	Audio Video Communications
Section	27 15 43	Communications Faceplates and Connectors
Section	27 51 13	Paging Systems
Section	27 53 15	Gymnasium Audio Systems
Section	28 10 00	Access Control
Section	28 31 00	Addressable Fire Alarm System

SHELBYVILLE MIDDLE SCHOOL VOLUMES 4-5:

Section	07 84 00	Firestopping
Section	07 92 05	Joint Sealers
Section	26 05 01	General Provisions
Section	26 05 02	Assignments of Miscellaneous Work
Section	26 05 03	Completion and Startup
Section	26 05 04	Demolition
Section	26 05 19	Low Voltage Electrical Power Conductors and Cables
Section	26 05 26	Grounding and Bonding
Section	26 05 33	Raceways and Boxes
Section	26 05 40	Trenching, Backfilling and Compacting
Section	26 05 53	Identification of Electrical Systems
Section	26 05 64	Painting
Section	26 08 01	Performance Testing
Section	26 09 61	Theatrical Lighting Control and Equipment
Section	26 22 13	Low Voltage Distribution Transformers
Section	26 24 16	Panelboards
Section	26 27 26	Wiring Devices
Section	26 28 00	Low Voltage Circuit Protective Devices

Section	26 29 00	Low Voltage Controllers
Section	26 43 13	Surge Protection Devices (SPD) For Low Voltage Electrical Power Circuits
Section	26 51 00	Interior Lighting
Section	26 56 00	Exterior Lighting
Section	27 05 28	Pathways and Communications Systems
Section	27 15 00.23	Audio Video Communications Horizontal Cabling
Section	27 41 16	Integrated Audio/Video Systems and Equipment
Section	28 31 00	Fire Detection and Alarm (Med.Large)

Project Specific Clarifications Applicable to Both Buildings

1. General Trades Contractor to include the removal, staging, protection, and reinstallation of kitchen equipment to perform this scope of Work. Utilities are to be disconnected and reconnected by Plumbing & Mechanical and Electrical & Technology Contractors. The intent is to relocate and stage all equipment to gymnasium for temporary storage.
2. The temperature controls low voltage wiring is the responsibility of the Plumbing and Mechanical Contractor, power wiring is the responsibility of the Electrical & Technology Contractor.

END OF SECTION 01 12 00