

SECTION 00 02 00 - NOTICE TO BIDDERS

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received:

By: Mason Public Schools
201 West Ash Street, Suite 2A
Mason, MI 48854

For: North Aurelius Elementary School Addition & Remodeling
115 N Aurelius Rd
Mason, MI 48854

At: Mason City Hall
Mason Public Schools
ATTN: Ron Drzewicki-Superintendent
201 West Ash Street, Suite 2A
Mason, MI 48854

Until: 2:00 P.M. local time, February 07, 2019

Bid Opening: Bids will be publicly opened and read aloud at approximately 2:15pm (local time), at Mason City Hall, 201 West Ash Street, Mason MI, 48854, in the Maple 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
8120 Moorsbridge Rd. Suite 101
Portage, MI 49024

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 (**FREE**) documents electronically or request printed documents. **There is no cost for downloading the bidding documents.** Bidders desiring printed documents shall pay for the cost of printing, shipping and handling. Reprographic Services are provided by:

Kal-Blue, 914 East Vine Street, Kalamazoo, MI 49001 Phone 269-349-8681

A Pre-Bid Conference will be held on Thursday, January 17, 2019, at 2:00pm, local time, in the Maple Room at Mason City Hall. Attendance by bidders is optional, but recommended, to clarify or answer questions concerning the Drawings and Project Manual for the Project.

Prevailing Wage is Not Applicable to this Project.

Bid security in the amount of five percent (5%) of the Bid must accompany each Bid in accordance with the Instructions to Bidders.

The successful Bidders will be required to furnish Performance and Payment Bonds for one hundred percent (100%) of their Contract amount prior to execution of Contracts.

Contractors submitting bids for the performance of any Work as specified in this building Project should make such Bids to **Mason Public Schools**. Contractors are advised the Contract as finally entered with any successful Bidder shall be entered with Mason Public Schools.

The Owner reserves the right to accept or reject any Bid (or combination of Bids) and to waive any irregularities in bidding. All Bids may be held for a period not to exceed **90** days before awarding contracts.

Mason Public Schools
Mr. Ron Drzewicki

END OF SECTION 00 02 00

SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and General Provisions of the Prime Contract, including amended General Conditions and other Division 1 Specification Sections, apply to Work of this Section.

1.02 SUMMARY

- A. The intent of this Section is to indicate the Work required by the Contractors and to provide information regarding the duties, responsibilities, and cooperation required by the Contractors, with similar requirements for the subcontractors and suppliers.
- B. Owners right to maintain current operations
- C. Occupancy requirements
- D. Work by Owner
- E. Permits, fees, and notices
- F. Labor and materials
- G. Verifications of existing dimensions
- H. Project security
- I. Coordination of work
- J. Time of commencement and completion
- K. Schedule of contract responsibilities

1.03 WORK UNDER SEPARATE CONTRACTS

- A. Prime Contracts are defined to include the following contracts described in the Schedule of Contract Responsibilities included hereinafter; and each is recognized to be a major part of the project, with Work to be performed concurrently and in close coordination with Work of other Prime Contracts.
- B. The "Contract Documents," as defined in the General Conditions, include "the Drawings." Although Drawings are grouped and identified by classification of the Work, Contractors shall be responsible for their Work as specified herein and as indicated on the Drawings. Although the majority of the Drawings are "to scale,"

Contractors are directed to use indicated dimensions for determining material quantities and for other reasons. No additional monies will be allowed due to Contractors using "scaling instruments" to determine material quantities or for other reasons.

- C. Separate prime contracts will be awarded as per the **"Schedule of Contract Responsibilities"** (see Part 3 – Execution). Contractors shall include Work required by the Specifications and Drawings for each contract area defined in the Schedule.
- D. Work for the complete construction of the Project will be under multiple prime contracts with the Owner. The Construction Manager will manage the construction of the Project.
- E. Each Contractor shall be responsible for demolition and disposal of existing items relative to his Contract.

1.04 ADMINISTRATIVE RESPONSIBILITIES OF PRIME CONTRACTORS AND CM

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

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

1.05 PRIME CONTRACTORS USE OF PREMISES

- A. General: During the construction period, the Prime Contractors jointly shall have full use of the premises for construction operations, including use of the site. Each Prime Contractor's use of the premises is limited only by the Owner's right to perform work or to retain other Contractors on portions of the Project.
- B. 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.
- C. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

1.06 OWNERS RIGHT TO MAINTAIN OPERATIONS

- A. During the course of this Project, normal and customary functions and operations must be maintained. The Contract Documents are intended to define a strict separation between the school activities of students and staff from the activities of the construction project.
- B. The Construction Manager, Architect, and Owner will not tolerate any visible or audible actions initiated or responded to by any employees of Contractors on this Project toward any students, teachers, or staff members at the school system. Violators shall be promptly removed from the site.
- C. The Owner intends to instruct students, teachers, and staff to refrain from communications with Contractor's personnel working on this Project. All communication with Owner and staff shall be through the Construction Manager.

- D. Contractors must expend their best effort toward protection of the health, safety, and welfare of occupants on the Owner's property during the course of Work on this Project.
- E. Contractors and Subcontractors shall be subject to such rules and regulations for the conduct of the Work as the Owner may establish. Employees shall be properly and completely clothed while working. Bare torsos, legs and feet will not be allowed. Possession or consumption of alcoholic beverages or drugs, tobacco or other noxious behavior on the site is strictly prohibited. Violators shall be promptly removed from the site. Smoking is not permitted on school property or within school buildings.

1.07 OCCUPANCY REQUIREMENTS

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

1.08 WORK BY OWNER

- A. The Owner intends to complete the following items of Work outside the provisions of these Contract Documents. Contractors shall not restrict or interfere with the Owner's right to the Project to accomplish this Work.
 - 1. Equipment and furniture except as scheduled and specified under Divisions 11 and 12 and shown on the Drawings.
 - 2. Items which may be deleted from Contracts for Work as required by the Contract Documents.
 - 3. Existing school maintenance work.

4. The purchase and supplying of certain materials as noted in the Project Manual.
5. The Owner, under separate contract, shall provide removal of identified asbestos and/or hazardous materials from the existing structure. The asbestos report is available through the Construction Manager upon request.

1.09 PERMITS, FEES, AND NOTICES

- A. Bid Category No. 1 General Trades Contractor will secure and pay for 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 the Contractors Work. Fees to relocate utilities on Owner's property shall be included in the bid of the Contractor doing the relocation.
 1. The General Trades Contractor shall be reimbursed for the direct cost of the Building Permit through the Contract Allowance.
 2. State filing fees for plan approval are the responsibility of the Owner and will be paid by the Owner.
- B. Utility Tie-Ins: Shall be arranged with local utility company and other involved parties for minimum interruption of service.
- C. Shutdowns of existing systems shall be limited to minimum time required and scheduled with other involved parties. Provide 2 days written notice of shutdown to Construction Manager and Owner.
- D. Inspections of installed work shall be performed by the governing authority as arranged for by the Contractor. Work shall not be covered until approved.
- E. Each Contractor shall give notices and comply with laws, ordinances, rules, regulations, and orders of public authorities bearing on the performance of his Work. If a Contractor observes that the Contract Documents are at variance therewith, he shall promptly notify the Construction Manager in writing, and necessary changes shall be adjusted by appropriate notification. If a Contractor performs Work knowing it to be contrary to such laws, ordinances, rules, and regulations, and without such notice to the Construction Manager, he shall assume full responsibility therefore and shall bear the costs attributable thereto.

1.10 LABOR AND MATERIALS

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

- B. Each Contractor shall enforce strict discipline and good order among his employees or other persons carrying out Work of his Contract and shall not permit employment of unfit person or persons or anyone not skilled in the task assigned to them.
- C. Prime Contractors must furnish a letter to the Construction Manager, stating that Contractor shall not assign any of its employees, agents or other individuals to perform any services in the District's facilities or program sites if that individual:
 - 1. Is listed on the Michigan Sex Offender Registry, www.mipsor.state.mi.us.
 - 2. Is listed on the Federal Sex Offender Registry www.nsopw.gov.
 - 3. Has not passed a 5-50 drug screen, testing negative for the following drugs:
 - a. Amphetamines
 - b. Methamphetamines
 - c. Cocaine
 - d. Codeine
 - e. Methadone
 - f. Morphine
 - g. Phencyclidine (PCP)
 - h. Marijuana
- D. ID Stickers will be issued by The Skillman Corporation upon receipt of verification from the Contractor that the employee/subcontractor employee or independent contractor has a satisfactory record to work on the Project. Stickers will be numbered and numbers assigned to each worker to be worn on their hardhat. It is the Contractor's responsibility to maintain a record of contractor's name assigned each number and provide to The Construction Manager upon request.
- E. Consistent with Michigan law, possession or consumption of drugs on school property will promptly be reported to the local police. Consumption of alcoholic beverages or tobacco or other noxious behavior on school owned property is strictly prohibited. Violators shall be promptly removed from the site. Smoking is not permitted on school property or within school buildings.

1.11 CUTTING AND PATCHING

- 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 **53** calendar days after receipt of bids.
 - 2. Construction shall be complete within **542** 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 2 300	Alternates
Section	01 25 00	Contract Modification Procedures
Section	01 28 00	Schedule of Values
Section	01 29 00	Applications for Payment
Section	01 31 00	Project Meetings
Section	01 32 00	Schedules and Reports
Section	01 33 00	Submittal Procedures
Section	01 45 10	Testing Laboratory Services (Paragraph 1.05)
Section	01 50 50	Temporary Facilities and Controls
Section	01 54 60	Environment Protection
Section	01 54 80	Utility Protection
Section	01 56 30	Water Control
Section	01 56 90	Housekeeping & Safety
Section	01 59 20	Offices and Sheds
Section	01 60 00	Product Requirements
Section	01 72 50	Work Layout
Section	01 73 10	Cutting and Patching
Section	01 77 00	Contract Closeout

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

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 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 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 Containers
Section	01 53 10	Fences (Temporary Security)
Section	01 53 30	Barricades
Section	01 57 60	Project Signs
Section	02 41 19	Selective Demolition
Section	03 41 13	Precast Concrete Hollow Core Planks
Section	06 10 00	Rough Carpentry
Section	06 20 00	Finish Carpentry
Section	06 61 16	Solid Surfacing Material
Section	07 42 13.13	Formed Metal Wall Panels
Section	07 21 00	Thermal Insulation
Section	07 72 33	Roof Hatches
Section	07 90 05	Joint Sealers
Section	08 11 13	Hollow Metal Doors and Frames
Section	08 14 16	Flush Wood Doors
Section	08 36 13	Sectional Overhead Doors
Section	08 71 00	Door Hardware
Section	09 84 00	Acoustical Wall Treatment
Section	09 90 00	Paintings and Coatings
Section	09 90 01	Mechanical/Electrical Painting
Section	09 97 23	Mechanical Equipment Room Concrete Floor Coating
Section	10 11 00	Visual Display Units
Section	10 14 16	Plaques
Section	10 14 19	Dimensional Letter Signage
Section	10 14 24	Interior Signs (Acrylic)
Section	10 14 26	Exterior Signs
Section	10 21 13.17	Solid Phenolic Resin Toilet Partitions and Urinal Screens
Section	10 28 00	Toilet Room Accessories
Section	10 28 14	Electric Hand Dryers
Section	10 44 00	Fire Protection Specialties
Section	10 51 13	Metal Lockers
Section	10 75 16	Flagpoles
Section	11 52 13	Manually Operated Projection Screens
Section	11 66 23	Gymnasium Equipment
Section	12 24 13	Roller Shades
Section	32 31 13	Polymer Coated Chainlink Fencing
Section	32 31 19	Ornamental Metal Fencing

GENERAL TRADES CLARIFICATIONS:

1. The **General Trades Contractor** Shall provide all door hardware components for doors in Bid Category No. 1.
2. The **General Trades Contractor** shall provide temporary shoring at locations of Structural Steel installations in existing building, including the shoring for steel installation at existing to new building transition, refer to Sheet S3.1C. **Bid Category No. 5 Structural Steel Contractor** shall coordinate temporary shoring for installation.
3. The **General Trades Contractor** shall provide all wood blocking for the installation of doors, windows, cabinets, and other furnishings, and within new roof decking as indicated.
4. **Bid Category No. 3 - Sitework** contractor will provide grading and removal of topsoil, playground edging, mulch, and all other miscellaneous site features as shown on drawings. **Bid Category No. 3 - Sitework** contractor will provide all safety surfacing, stakes, landscape Timber, etc. shown at play areas.
5. Provide, maintain and remove floor protection through all corridors during construction. Floor protection shall be Ram Board or similar, no adhesives are to be applied.
6. **The Bid Category No. 1 General Trades Contractor** shall provide all built-in bench seating, receptions desks, cubbies, display cases, and wall brackets including all countertops applied to such assemblies. The **Bid Category No. 10 Casework Contractor** shall provide all casework and library shelving identified in elevation views with a manufacturers number and mailbox assembly in Sheets A8.0 series typical.
7. **Bid Category No. 1 General Trades Contractor** will provide all Plastic Laminate associated with built in bench seating, reception desks, cubbies, display cases and wall brackets including all counter tops applied to such assemblies. **Bid Category No. 10 Casework contractor** will provide all remaining Plastic Laminate, not identified in **Bid Category No. 1 General Trades Contractor's** scope of work.
8. **Bid Category No. 1 General Trades contractor** will provide all work associated with monument sign except for electrical scope of work will be provided by **Electrical Contractor**.

B. BID CATEGORY NO. 2 - CONCRETE

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 53 20	Tree and Plant Protection
Section	01 56 20	Dust Control
Section	02 22 00	Existing Conditions Assessment
Section	02 32 00	Subsurface Conditions
Section	03 30 00	Cast In Place Concrete
Section	03 35 43	Polished Concrete Finishing & Staining
Section	07 21 00	Thermal Insulation
Section	07 90 05	Joint Sealants
Section	31 20 00	Grading, Excavation and Fill
Section	31 31 16	Termite Control
Section	32 13 13	Concrete Paving
Section	32 17 26	Cast-in-Place Detectable/Tactile Warning Surfaces

CONCRETE CLARIFICATIONS:

1. **Bid Category No. 11 Mechanical Contractor** will provide all concrete for equipment and housing pads for the installation of new work associated with Mechanical Scope with the exception of equipment pad shown on Sheet M3.1C for ACCU-19.1 and ACCU 19.2 will be provided by **Bid Category No. 2 Concrete Contractor**. Gravel around ACCU 19.1 & 19.2 will be provide by **Bid Category No. 3 Sitework Contractor**.
2. The **BID CATEGORY NO. 2 CONCRETE** Contractor is to provide all excavation, backfill, and compaction for all concrete scope of work with the exception of work associated with new building addition footings, foundations, subdrainage, etc. The **BID CATEGORY NO. 3 SITEWORK** Contractor is to provide all excavation, backfill, and compaction for sitework associated with new building footings, foundations, subdrainage, etc.
3. The **BID CATEGORY NO. 3 SITEWORK** contractor shall provide rough grade and compaction of building pad within +/- 1" of bottom of Slab on Grade. **BID CATEGORY NO. 2 CONCRETE** contractor shall provide final grading, associated compacted clean sand fill meeting MDOT Class II Standards and upon completion of all underground work, prior to providing new Slab on Grade.
4. The **Bid Category No. 5 Structural Steel Contractor** shall furnish all anchor bolts. **The Bid Category No. 2 Concrete Contractor** shall install all anchor bolts prior to performance of anchor bolt survey. The **Bid Category No. 5 Structural Steel Contractor** shall provide anchor bolts for all base plates to be installed into existing concrete footings and foundations.
5. **Bid Category No. 2 Concrete Contractor** shall provide all concrete associated but not limited to new building footings, foundations, foundation walls, slab on grade, maintenance strip around the new building, concrete stoops (include stoops at all locations, existing building and new building), equipment pads as noted above, and all exterior concrete paving (Concrete Sidewalks, Concrete Drive Approach Aprons, Concrete Curbs and Gutters, light pole bases, flag pole bases, etc.).
6. **BID CATEGORY NO. 3 SITEWORK** will provide building perimeter drainage systems (foundation drain tile) as specified in section 33 46 00 Subdrainage along with all other site related subdrainage for pavement, retaining walls, etc.
7. **Bid Category No. 2 Concrete Contractor** shall provide concrete floor infill as shown on drawings along with all steel reinforcement associated with concrete work. Any saw infill of floor area not shown on drawings but required to facilitate the work will be responsibility of the trade requiring the work.
8. **BID CATEGORY NO. 2 CONCRETE** contractor will provide the layout of footings/foundations for excavations.
9. **Concrete** contractor will provide all thermal insulation (rigid insulation) at all footings, foundations, foundation walls, Underslab Radiant Floor Heating areas and all other areas as required in concrete scope of work.
10. Sitework contractor to provide all sleeves shown on drawings as identified in detail # 13 and #14 on sheet C8.01. Sleeves shown to be placed underneath concrete work (sidewalks, concrete aprons, etc.) will be provided by Sitework contractor and installed by **Bid Category No. 2 Concrete** contractor.

C. BID CATEGORY NO. 3 - SITEWORK

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 50 50	Temporary Facilities and Controls
Section	01 53 20	Tree and Plant Protection
Section	01 55 00	Access Road and Parking Areas
Section	01 56 20	Dust Control
Section	01 56 80	Erosion Control
Section	01 72 00	Field Engineering
Section	02 22 00	Existing Conditions Assessment
Section	02 32 00	Subsurface Conditions
Section	02 41 19	Selective Demolition
Section	07 90 05	Joint Sealants
Section	31 10 00	Site Clearing
Section	31 20 00	Grading, Excavation and Fill
Section	31 20 01	Digital Information Request (Site)
Section	31 25 00	Soil Erosion and Sedimentation Control
Section	31 37 00	Rip Rap
Section	32 11 23	Aggregate Base Courses
Section	32 12 16	Asphalt Paving
Section	32 17 23	Painted Pavement Markings
Section	32 92 19	Seeding
Section	32 93 00	Plants
Section	33 05 13	Manholes and Structures
Section	33 31 11	Site Sanitary Utility Sewerage Piping
Section	33 41 11	Site Storm Utility Drainage Piping
Section	33 46 00	Subdrainage

SITEWORK CLARIFICATIONS:

1. **Bid Category No. 2 Concrete** Contractor shall provide all concrete associated but not limited to new building footings, foundations, foundation walls, slab on grade, maintenance strip around the new building, concrete stoops (include stoops at all locations, existing building and new building), equipment pads as noted under clarifications, and all exterior concrete paving (Concrete Sidewalks, Concrete Drive Approach Aprons, Concrete Curbs and Gutters, light pole bases, flag pole bases, etc.).
2. The **BID CATEGORY NO. 3 SITEWORK** contractor shall provide rough grade and **compaction of building pad within +/- 1" of bottom of Slab on Grade.** **BID CATEGORY NO. 2 CONCRETE** contractor shall provide final grading, associated compacted clean sand fill meeting MDOT Class II Standards and upon completion of all underground work, prior to providing new Slab on Grade.
3. **BID CATEGORY NO. 3 SITEWORK** will provide building perimeter drainage systems (foundation drain tile) as specified in section 33 46 00 Subdrainage along with all other site related subdrainage for pavement, retaining walls, etc.
4. **Bid Category No. 3 - Sitework contractor** will provide grading and removal of

topsoil, playground edging, mulch, and all other miscellaneous site features as shown on drawings.

5. **Sitework contractor** shall provide all required Soil Erosion and Sediment Control Permits.
6. **Sitework contractor** will provide Seeding at all areas disturbed by construction.
7. **Bid Category No. 1 General Trades** contractor will provide all work associated with monument sign except for electrical scope of work will be provided by **Electrical Contractor**.
8. **Sitework contractor** will provide the removal and installation of existing basketball hoops, temporary classrooms and all miscellaneous site features during repaving as shown on drawings.
9. The **BID CATEGORY NO. 2 CONCRETE** Contractor is to provide all excavation, backfill, and compaction for all concrete scope of work with the exception of work associated with new building addition footings, foundations, subdrainage, etc. The **BID CATEGORY NO. 3 SITEWORK** Contractor is to provide all excavation, backfill, and compaction for sitework associated with new building footings, foundations, subdrainage, etc. **Bid Category No. 3 Sitework** contractor will provide all bollards for dumpster pad.
10. **BID CATEGORY NO. 2 CONCRETE** contractor will provide the layout of footings/foundations for excavations.
11. **Bid Category No. 11 Mechanical** Contractor will provide all concrete for equipment and housing pads for the installation of new work associated with Mechanical Scope with the exception of equipment pad shown on Sheet M3.1C for ACCU-19.1 and ACCU 19.2 will be provided by Bid Category No. 2 Concrete Contractor. Gravel around ACCU 19.1 & 19.2 will be provide by Bid Category No. 3 Sitework Contractor.
12. Sitework contractor to provide all sleeves shown on drawings as identified in detail # 13 and #14 on sheet C8.01. Sleeves shown to be placed underneath concrete work (sidewalks, concrete aprons, etc.) will be provided by Sitework contractor and installed by **Bid Category No. 2 Concrete** contractor.

D. **BID CATEGORY NO. 4 - MASONRY**

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 52 60	Rubbish Containers
Section	04 20 00	Unit Masonry
Section	04 72 00	Cast Stone Masonry
Section	07 21 00	Thermal Insulation
Section	07 84 00	Firestopping
Section	07 90 05	Joint Sealers

MASONRY CLARIFICATIONS:

1. Masonry contractor shall provide patching of all masonry assemblies as identified on Mechanical demolition drawings.
2. **Bid Category No. 5 Structural Steel** Contractor shall furnish all bearing plates and

loose lintels. **Bid Category No. 4 Masonry Contractor** shall install all bearing plates and loose lintels for Work. All lintels and beams requiring welded connection shall be provided by **Bid Category No. 5 Structural Steel Contractor**.

3. **Bid Category No. 4 Masonry Contractor** shall be responsible to provide Cutting and Patching at locations of new Unit Ventilators on Masonry Walls. Opening shall be laid out by **Bid Category No. 11 Mechanical Contractor**.
4. **Bid Category No. 4 Masonry Contractor** shall provide all patching of all masonry assemblies as identified on mechanical demolition drawings sheets M1.1A, M1.1B, M1.1C.
5. **Bid Category No. 4 Masonry Contractor** shall provide spray applied insulation for walls detailed as Masonry Assemblies. **Bid Category No. 6 Contractor** shall provide spray applied insulation systems at all other Assemblies.
6. The **Bid Category No. 4 Contractor** shall provide all joint sealers and firestopping to complete masonry assemblies, all through wall penetrations joint sealers and firestopping shall be provided by the contractor requiring such penetration.
7. Masonry contractor will provide masonry patching at all transfer air ductwork system as identified on mechanical demolition notes #20.

E. **BID CATEGORY NO. 5 – STRUCTURAL & MISCELLANEOUS STEEL**

General requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 53 30	Barricades
Section	01 72 00	Field Engineering
Section	05 12 00	Structural Steel Framing
Section	05 21 00	Steel Joist Framing
Section	05 31 00	Steel Decking
Section	05 50 00	Metal Fabrications
Section	05 51 00	Metal Stairs
Section	05 52 13	Pipe and Tube Railings

STRUCTURAL & MISCELLANEOUS STEEL CLARIFICATIONS:

1. Bid Category No. 5 Structural Steel Contractor shall furnish all bearing plates and loose lintels. Bid Category No. 4 Masonry Contractor shall install all bearing plates and loose lintels for Work. All lintels and beams requiring welded connection shall be provided by Bid Category No. 5 Structural Steel Contractor.
2. The General Trades Contractor shall provide temporary shoring at locations of Structural Steel installations in existing building, including the shoring for steel installation at existing to new building transition, refer to Sheets S3.1B and S3.1C. Bid Category No. 5 Structural Steel Contractor shall coordinate temporary shoring for installation.
3. The Bid Category No. 5 Structural Steel Contractor shall furnish all anchor bolts. The Bid Category No. 2 Concrete Contractor shall install all anchor bolts prior to performance of anchor bolt survey. The Bid Category No. 5 Structural Steel Contractor shall provide anchor bolts for all base plates to be installed into existing concrete footings and foundations.

4. Bid Category No. 5 Structural Steel contractor will be responsible to provide Ships Ladder as shown on Sheet A6.01.

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

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 52 60	Rubbish Containers
Section	07 21 00	Thermal Insulation
Section	07 24 00	Exterior Insulated Finish System
Section	07 84 00	Firestopping
Section	07 90 05	Joint Sealers
Section	09 21 16	Gypsum Board Assemblies
Section	09 22 16	Non-Structural Metal Framing
Section	09 51 00	Acoustical Ceilings

METAL-STUDS, DRYWALL & CEILINGS CLARIFICATIONS:

1. **Bid Category No. 4 Masonry Contractor** shall provide spray applied insulation for walls detailed as Masonry Assemblies. **Bid Category No. 6 Contractor** shall provide spray applied insulation systems at all other Assemblies.
2. **Bid Category No. 6 Contractor** shall provide all plaster patching of as required by selective demolition.

G. BID CATEGORY NO. 7 - ROOFING

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 52 60	Rubbish Containers
Section	06 10 00	Rough Carpentry
Section	07 54 23	Thermoplastic Polyolefin (TPO) Roofing
Section	07 72 00	Roof Edge Protection (Alternate G-1)
Section	07 90 05	Joint Sealers

ROOFING CLARIFICATIONS:

1. Provide roof penetrations and patching as required for installation of new equipment. Any penetrations not shown but required to facilitate new work will be the responsibility of the trade requiring the work.
2. Roofing Contractor shall provide all blocking, nailers, plywood associated with or covered by Roofing bid category scope of work.
3. Roofing Contractor will provide all sub-framing, substrate, etc. required to install Formed Metal Wall Panels.

H. BID CATEGORY NO. 8 – ALUMINUM AND GLAZING

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	07 90 05	Joint Sealers

Section	08 41 23	Fire Rated Steel Framed Systems
Section	08 43 13	Aluminum Entrances and Storefronts
Section	08 44 13	Glazed Aluminum Curtain Walls
Section	08 51 13	Aluminum Windows
Section	08 71 00	Door Hardware
Section	08 80 00	Glazing
Section	08 87 17	Safety and Security Glazing Films

ALUMINUM & GLAZING CLARIFICATIONS:

1. Bid Category No. 8 Contractor shall provide all door hardware for doors, entrances, etc. in Bid Category No. 8.
2. Provide all aluminum trim (break metal) pieces as required to install (fit) new exterior aluminum door frames in existing wider hollow metal door frames.

I. BID CATEGORY NO. 9 - FLOORING

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	09 30 13	Ceramic Tiling
Section	09 65 13	Resilient Base and Accessories
Section	09 65 16	Resilient Sheet Flooring
Section	09 65 66	Resilient Athletic Flooring
Section	09 66 13	Portland Cement Terrazzo Flooring Repair
Section	09 68 13	Tile Carpeting

J. BID CATEGORY NO. 10 - CASEWORK

Section	01 21 00	Allowances
Section	07 90 05	Joint Sealers
Section	12 32 16	Manufactured Plastic Laminate-Faced Casework
Section	12 36 23.13	Plastic-Laminate Clad Countertops

CASEWORK CLARIFICATIONS:

1. The **Bid Category No. 1 General Trades Contractor** shall provide all built-in bench seating, receptions desks, cubbies, display cases, and wall brackets including all countertops applied to such assemblies. The **Bid Category No. 10 Casework Contractor** shall provide all casework and library shelving identified in elevation views with a manufacturers number and mailbox assembly in Sheets A8.0 series typical.
2. **Bid Category No. 1 General Trades Contractor** will provide all Plastic Laminate associated with built in bench seating, reception desks, cubbies, display cases and wall brackets including all counter tops applied to such assemblies. **Bid Category No. 10 Casework contractor** will provide all remaining Plastic Laminate, not identified in **Bid Category No. 1 General Trades Contractor's** scope of work.

K. BID CATEGORY NO. 11 - MECHANICAL

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 30	Temporary Heating, Ventilation and Cooling
Section	02 41 19	Selective Demolition
Section	03 30 00	Cast-in-Place Concrete
Section	07 84 00	Firestopping
Section	07 90 05	Joint Sealers
Section	22 05 00	Plumbing Scope of Work
Section	22 05 13	Common Motor Requirements for Plumbing Piping
Section	22 05 19	Meters and Gauges for Plumbing Piping
Section	22 05 53	Identification for Plumbing Piping and Equipment
Section	22 07 19	Plumbing Piping Insulation
Section	22 10 05	Plumbing Piping
Section	22 10 06	Plumbing Piping Specialties
Section	22 30 00	Plumbing Equipment
Section	22 40 00	Plumbing Fixtures
Section	23 05 00	HVAC Scope of Work
Section	23 05 13	Common Motor Requirements for HVAC Equipment
Section	23 05 19	Meters and Gauges for HVAC Piping
Section	23 05 29	Roof-Mounted Piping, ductwork and Equipment Supports
Section	23 05 53	Identification for HVAC Piping and Equipment
Section	23 05 93	Testing, Adjusting, and Balancing for HVAC
Section	23 07 13	Duct Insulation
Section	23 07 19	Hydronic Piping Insulation
Section	23 08 00	Commissioning of HVAC (see also 01 91 13)
Section	23 09 13	Instrumentation for Control Devices for HVAC
Section	23 21 13	Hydronic Piping, Valves and Accessories
Section	23 21 16	Hydronic Specialties
Section	23 21 23	Hydronic Pumps
Section	23 23 00	Refrigerant Piping and Accessories
Section	23 25 00	Hydronic Water Treatment
Section	23 31 00	HVAC Ducts and Casings
Section	23 33 00	Air Duct Accessories
Section	23 33 19	Duct Silencers
Section	23 34 23	HVAC Power Ventilators
Section	23 36 00	Air Terminal Units
Section	23 37 00	Air Outlets and Inlets
Section	23 40 00	HVAC Air Cleaning Devices
Section	23 51 00	Breeching, Chimneys, and Stack
Section	23 52 16	Condensing Boilers
Section	23 62 13	Packaged Air-Cooled Condensing Units
Section	23 73 13	Modular Indoor Central-Station Air-Handling Units
Section	23 81 01	Terminal Heat Transfer Units
Section	26 29 23	Variable-Frequency Motor Controllers

MECHANICAL CLARIFICATIONS:

1. Refer to section 26 29 23 Variable-Frequency Motor Controllers for division of labor between **Bid Category No. 11 MECHANICAL** and **Bid Category No. 12 ELECTRICAL**.
2. For specification section 26 29 23 Variable-Frequency Motor Controllers, **Bid Category No. 11 - MECHANICAL** shall supply and furnish drives, and provide training and warranties. The Temperature Controls Contractor (by Mechanical Contractor) shall provide all controls wiring, startup, commissioning, and programming. **Bid Category No. 12 - ELECTRICAL** shall provide all labor and materials to mount the drives and provide all line (supply) and load (motor circuit) wiring.
3. Mechanical Contractor will provide all concrete for equipment and housing pads for the installation of new work with the exception of equipment pad shown on Sheet M3.1C for ACCU-19.1 and ACCU 19.2 will be provided by **Bid Category No. 2 Concrete Contractor**.
4. Provide all additional access doors and frames not shown on drawings but necessary to facilitate the work.
5. **Bid Category No. 7 – Roofing contractor** will provide roof penetrations and patching as required for installation of new equipment. Any penetrations not shown but required to facilitate new work will be the responsibility of the trade requiring the work by a certified installer retaining the roof warranty.
6. Mechanical and Electrical Contractor will provide all required information to the Bid Category No. 13 Commissioning Contractor as identified in General commissioning requirements as well as all associated commissioning related specifications.
7. Concrete Contractor shall provide concrete floor infill as shown on drawings. Any saw infill of floor area not shown on drawings but required to facilitate the work will be responsibility of the trade requiring the work.

L. **BID CATEGORY NO. 12 - ELECTRICAL**

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 00	Temporary Electricity, Lighting and Warning Systems
Section	02 41 19	Selective Demolition
Section	03 30 00	Cast-in-Place Concrete
Section	26 05 00	Common Work Results for Electrical
Section	26 05 05	Selective Electrical Demolition
Section	26 05 19	Low-Voltage Electrical Power Conductors and Cables
Section	26 05 23	Control-Voltage Electrical Power Cables
Section	26 05 26	Grounding and Bonding for Electrical Systems
Section	26 05 29	Hangers and Supports for Electrical Systems
Section	26 05 33	Conduit for Electrical Systems
Section	26 05 34	Boxes for Electrical Systems
Section	26 05 35	Surface Raceways for Electrical Systems

Section	26 05 53	Identification for Electrical Systems
Section	26 05 83	Equipment Wiring Connections
Section	26 08 00	Commissioning of Electrical Systems (also see section 01 91 13)
Section	26 09 23	Lighting Control Devices
Section	26 09 43	Networked Lighting Control System
Section	26 24 16	Panelboards
Section	26 27 26	Wiring Devices
Section	26 28 13	Fuses
Section	26 28 17	Enclosed Circuit Breakers
Section	26 28 18	Enclosed Switches
Section	26 29 23	Variable-Frequency Motor Controllers
Section	26 43 13	Surge Protective Devices and Low-Voltage Electrical Power Circuits
Section	26 51 19	LED Interior Lighting
Section	26 56 19	LED Exterior Lighting
Section	27 05 00	Common Work Results for Communications
Section	27 05 28	Pathways for Communications Demolition
Section	27 41 13	Architecturally Integrated Audio-Video System
Section	28 46 00	Fire Detection and Alarm System

ELECTRICAL CLARIFICATIONS:

1. For work associated with specification section 26 29 23 Variable-Frequency Motor Controllers, Bid Category No. 11 - MECHANICAL shall supply and furnish drives, and provide training and warranties. The Temperature Controls Contractor (by Mechanical Contractor) shall provide all controls wiring, startup, commissioning, and programming. Bid Category No. 12 - ELECTRICAL shall provide all labor and materials to mount the drives and provide all line (supply) and load (motor circuit) wiring.
2. Electrical Contractor will provide all concrete for equipment and housing pads for the installation of new work.
3. Mechanical and Electrical Contractor will provide all required information to the **Bid Category No. 13 Commissioning Contractor** as identified in General commissioning requirements as well as all associated commissioning related work.
4. Concrete Contractor shall provide concrete floor infill as shown on drawings. Any saw infill of floor area not shown on drawings but required to facilitate the work will be responsibility of the trade requiring the work.

M. BID CATEGORY NO. 13 - COMMISSIONING

General Requirements in Paragraph 3.02.B above.

Section	01 91 13	General Commissioning Requirements
Section	23 08 00	Commissioning of HVAC

Section 26 08 00 Commissioning of Electrical Systems

COMMISSIONING CLARIFICATIONS:

1. Mechanical and Electrical Contractor will provide all required information to the Bid Category No. 13 Commissioning Contractor as identified in General commissioning requirements as well as all associated commissioning related work.

END OF SECTION 01 12 00