

SECTION 00 02 00 - NOTICE TO BIDDERS

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received:

By: DeWitt Public Schools
2957 W. Herbison Road
DeWitt, MI 48820

For: DeWitt High School, Fuerstenau, Scott and Sitework Addition and Remodeling
DeWitt High School: 13601 Panther Drive, DeWitt, MI 48820
Fuerstenau Early Childhood Center: 205 W Washington St, Dewitt, MI 48820
Scott Elementary School: 804 Wilson St, Dewitt, MI 48820

At: DeWitt Public Schools
Administration Building
2957 W. Herbison Road
DeWitt, MI 48820

Until: 2:00 PM (local time), December 18, 2018

Bid Opening: Bids will be publicly opened and read aloud at 2:05 PM (local time), in the DeWitt Administration Building 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
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 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:

Prevailing wages are Not applicable to this project.

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

A Pre-Bid Conference will be held on December 4, 2018 at 2:00 PM local time, at 2957 W. Herbison Road, DeWitt, MI 48820. 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 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 **DEWITT PUBLIC SCHOOLS**. Contractors are advised that the Contract as finally entered into with any successful Bidder shall be entered into with DeWitt 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.

DeWitt Public Schools
By: Dr. John Deiter, Ph.D

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 containing 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 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 Owner shall pay for the cost of the Building Permit.
 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 **171** calendar days after receipt of bids.
 2. Construction shall be complete within **220** 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 51 40	Temporary Telephone
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 45 10	Testing Laboratory Services (Paragraph 1.05)
Section	01 50 50	Temporary Facilities and Controls
Section	01 51 40	Temporary Telephone
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 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 50 50	Temporary Facilities and Controls
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 30	Barricades
Section	01 54 60	Environment Protection
Section	01 54 80	Utility Protection
Section	01 56 20	Dust Control
Section	01 56 30	Water Control
Section	01 56 80	Erosion Control
Section	01 57 60	Project Signs
Section	01 72 00	Field Engineering
Section	01 73 10	Cutting and Patching
Section	02 22 00	Existing Conditions Assessment
Section	02 32 00	Subsurface Conditions
Section	02 41 19	Selective Demolition
Section	03 30 00	Cast-In-Place Concrete
Section	04 20 00	Unit Masonry
Section	05 12 00	Structural Steel Framing
Section	05 21 00	Steel Joist Framing
Section	05 31 00	Steel Decking
Section	05 52 13	Pipe and Tube Railings
Section	06 10 00	Rough Carpentry
Section	06 20 00	Finish Carpentry
Section	06 61 16	Solid Surfacing Material
Section	07 21 00	Thermal Insulation
Section	07 25 00	Air and Water Resistant Barrier
Section	07 42 13	Metal Wall Panels
Section	07 84 00	Firestopping
Section	07 90 05	Joint Sealers
Section	08 11 13	Hollow Metal Doors & Frames
Section	08 14 16	Flush Wood Doors
Section	08 71 00	Door Hardware
Section	09 90 00	Painting and Coatings
Section	09 90 01	Mechanical/Electrical Painting
Section	10 11 00	Visual Display Units
Section	10 14 19	Dimensional Letter Signage
Section	10 14 24	Interior Signs (Acrylic)
Section	10 22 39	Folding Panel Partitions
Section	10 26 01	Wall and Corner Guards

Section	10 28 00	Toilet Room Accessories
Section	10 44 00	Fire Protection Specialties
Section	10 50 20	Locker Refinishing
Section	10 73 00	Protective Shelters
Section	10 90 00	Miscellaneous Specialties
Section	11 68 13	Playground Equipment
Section	11 68 23	Exterior Court Athletic Equipment
Section	12 24 13	Roller Window Shades
Section	12 32 16	Manufactured Plastic Laminate-Faced Casework
Section	12 36 23.13	Plastic-Laminate Clad Countertops
Section	31 10 00	Site Clearing
Section	31 20 00	Grading, Excavation and Fill
Section	31 31 16	Termite Control
Section	32 31 13	Polymer Coated Chainlink Fencing
Section	32 33 00	Site Furnishings
Section	33 46 00	Subdrainage

GENERAL TRADES CLARIFICATIONS:

1. General Trades Contractor shall include demolition required to accommodate all work associated with Bid Category No. 3 – Aluminum and Glazing.
2. General Trades Contractor shall provide all door hardware for doors in Bid Category No. 1.
3. Bid Category No. 2 – Sitework contractor will provide all required concrete work associated with Fuerstenau Early Childhood Center Patio.
4. General Trades Contractor will provide building perimeter drainage systems (foundation drain tile) as specified in section 33 46 00 Subdrainage. All other site related subdrainage for pavement, retaining walls, etc. will be provided by Bid Category No. 2 - Sitework Contractor.
5. Bid Category No. 2 - Sitework contractor will provide grading and removal of topsoil in play areas. Bid Category No. 1 - General Trades contractor will provide all new required play surface material required for all playground equipment identified in section 11 68 13 – Playground Equipment.
6. General Trades contractor shall be responsible to provide cutting and patching at locations of new Unit Ventilators on masonry walls. Openings shall be laid out by Bid Category No. 7 – Mechanical Contractor.
7. General Trades contractor shall provide patching of all masonry assemblies as identified on Mechanical demolition drawings.
8. Furnish floor protection through all corridors during construction. Floor protection shall be Ram Board or similar, no adhesives are to be applied.
9. Provide wall patching as required to receive new finishes.
10. General Trades will be responsible for saw cutting and patching floor with concrete as shown on drawings. Any saw cutting, and patching of floor area not shown on drawings but required to facilitate the work will be provided by the trade requiring the work.
11. General Trades contractor will provide all sub-framing, substrate, etc. required to install Metal Wall Panels.

12. General Trades contractor is responsible for all excavation, backfill and compaction required for concrete work (footings, foundations, slab on grade, etc.) associated with building addition. All exterior concrete paving (sidewalks, stairs, drive approach, etc.) will be provided by Bid Category No. 2 - Sitework Contractor.
13. General Trades contractor to provide all blocking, plywood, nailers, etc. with the exception of work associated with or covered by Roofing bid category scope of work.
14. General Trades contractor to provide all perimeter insulation and spray applied cavity wall insulation as indicated on drawings.

A. **BID CATEGORY NO. 2 - 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 54 60	Environment Protection
Section	01 55 00	Access Roads and Parking Areas
Section	01 56 20	Dust Control
Section	01 56 80	Erosion Control
Section	02 22 00	Existing Conditions Assessment
Section	02 32 00	Subsurface Conditions
Section	02 41 19	Selective Demolition
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 32 13	Cement Stabilization
Section	32 11 23	Aggregate Base Courses
Section	32 12 16	Asphalt Paving
Section	32 13 13	Concrete Paving
Section	32 17 23	Painted Pavement Markings
Section	32 92 19	Seeding
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

SITWORK CLARIFICATIONS:

1. Sitework contractor shall provide demolition of all site structures, playground equipment, utilities, benches, fencing and other site items as shown on drawings. General Building, Mechanical and Electrical Selective Demolition are to be provided by respective bid categories.
2. Sitework contractor shall provide temporary storm drainage to allow for demolition of existing storm structures required for the installation of new work.
3. Sitework contractor shall provide all required Soil Erosion and Sediment Control Permits.

4. Bid Category No. 2 – Sitework contractor shall provide all required concrete work and subdrainage associated with Fuerstenau Early Childhood Center Patio.
5. General Trades Contractor will provide building perimeter drainage systems (foundation drain tile) as specified in section 33 46 00 Subdrainage. All other site related subdrainage for pavement, retaining walls, etc. will be provided by Bid Category No. 2 - Sitework Contractor.
6. Sitework contractor will provide grading and removal of topsoil in play areas. Bid Category No. 1 - General Trades contractor will provide all required play surface material required for all playground equipment identified in section 11 68 13 – Playground Equipment.
7. Sitework contractor will provide Seeding at all areas disturbed by construction.
8. General Trades contractor is responsible for all excavation, backfill and compaction required for concrete work (footings, foundations, slab on grade, etc.) associated with building addition. All exterior concrete paving (sidewalks, stairs, drive approach, etc.) will be provided by Bid Category No. 2 - Sitework Contractor.
9. Coordinate demolition and reconstruction of FECC Bus Lane with City Of DeWitt prior to commencing work.

C. **BID CATEGORY NO. 3 – ALUMINUM AND GLAZING**

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	07 42 63	Insulated Translucent Wall System
Section	07 90 05	Joint Sealers
Section	08 41 23	Fire-Rated Steel Framed Systems
Section	08 43 13	Aluminum Entrances & Storefronts
Section	08 44 13	Glazed Aluminum Curtain Wall
Section	08 51 14	Sliding 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. 3 Contractor shall provide all door hardware for doors in Bid Category No. 3.
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.

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

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	09 30 00	Tiling
Section	09 65 13	Resilient Base and Accessories
Section	09 65 19	Resilient Tile Flooring
Section	09 68 13	Tile Carpeting
Section	09 68 16	Sheet Carpeting
Section	09 96 56	Epoxy Floor Coating

FLOORING CLARIFICATIONS:

1. Contractor to provide floor patching and preparation of existing substrate as required to accommodate new work.

E. **BID CATEGORY NO. 5 - ROOFING**

General requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 52 60	Rubbish Container
Section	06 10 00	Rough Carpentry
Section	07 42 43	Prefinished Non-Insulated Composite Aluminum Panels
Section	07 42 93	Soffit Panels
Section	07 53 23	Ethylene-Propylene-Diene-Monomer (EPDM) Roofing
Section	07 62 00	Flashing & Sheet Metal
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. Bid Category No. 6 – Metal-Studs, Drywall and Acoustical Ceilings contractor will provide all non-structural framing on exterior of the building but not limited to Metal Wall Panels (Panels provided by General Trades Contractor) and Pre-finished Non-insulated Composite Aluminum Panels (Panels provided by Roofing Contractor).
3. Roofing Contractor shall provide all blocking, nailers, plywood associated with or covered by Roofing bid category scope of work.

F. **BID CATEGORY NO. 6 - METAL-STUDS, DRYWALL & ACOUSTICAL CEILINGS**

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 52 60	Rubbish Container
Section	07 21 00	Thermal Insulation
Section	07 84 00	Firestopping
Section	07 90 05	Joint Sealers
Section	07 24 23	Direct Exterior Finish System
Section	09 21 16	Gypsum Board Assemblies
Section	09 22 16	Non-Structural Metal Framing
Section	09 27 13	Mineral Profile Paneling
Section	09 51 00	Acoustical Ceilings
Section	09 84 14	Acoustic Stretched-Fabric Wall Panels
Section	09 84 36	Acoustical Ceiling Baffles

METAL-STUDS-DRYWALL-ACOUSTICAL CEILINGS CLARIFICATIONS:

1. Provide all non-structural framing on exterior of the building but not limited to Metal Wall Panels (Panels provided by General Trades Contractor) and

Pre-finished Non-insulated Composite Aluminum Panels (Panels provided by Roofing Contractor).

2. Metal-studs contractor to provide all insulation with the exception of all perimeter and spray applied cavity wall insulation (provided by General Trades).

G. BID CATEGORY NO. 7 - 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	13 11 35	Pool Ultraviolet Disinfection Equipment
Section	21 05 00	Common Work Results for Fire Suppression
Section	21 13 00	Fire-Suppression System
Section	22 05 00	Plumbing Scope of Work
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 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 48	Vibration and Seismic Controls for HVAC Piping and Equipment
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
Section	23 09 13	Instrumentation and Control Devices for HVAC
Section	23 09 23	Direct-Digital Control system for HVAC
Section	23 09 93	Sequence of Operations for HVAC Controls
Section	23 09 94	BMS/ATC Points List
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 36 00	Air Terminal Units

Section	23 37 00	Air Outlets and Inlets
Section	23 40 00	HVAC Air Cleaning Devices
Section	23 62 13	Packaged Air-Cooled Condensing Units
Section	23 73 13	Modular Central-Station Air-Handling Units
Section	23 81 01	Terminal Heat Transfer Units
Section	23 81 27	Small Split System Heating and Cooling Units
Section	23 84 16.13	Indoor Mechanical Dehumidification 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. 7 MECHANICAL and Bid Category No. 8 ELECTRICAL.
2. For specification section 26 29 23 Variable-Frequency Motor Controllers, Bid Category No. 7 - 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. 8 - 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.
4. Provide all additional access doors and frames not shown on drawings but necessary to facilitate the work.
5. Bid Category No. 5 – 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. General Trades will be responsible for saw cutting and patching floor with concrete as shown on drawings. Any saw cutting and patching of floor area not shown on drawings but required to facilitate the work will be responsibility of the trade requiring the work.

H. BID CATEGORY NO. 8 - ELECTRICAL

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 10	Temporary Electricity, Lighting and Warning Systems
Section	02 41 19	Selective Demolition
Section	03 30 00	Cast-In-Place Concrete
Section	11 66 43	Interior Scoreboards
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
Section	26 09 19	Enclosed Contactors
Section	26 09 23	Lighting Control Devices
Section	26 09 61	Theatrical Lighting Control System
Section	26 24 16	Panelboards
Section	26 27 26	Wiring Devices
Section	26 28 13	Fuses
Section	26 28 17	Enclosed Switches
Section	26 29 13	Enclosed Motor Controllers
Section	26 29 23	Variable-Frequency Motor Controllers
Section	26 43 13	Surge Protective Devices for 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 05	Selective Communications Demolition
Section	27 05 28	Pathways for Communications Systems
Section	27 05 36	Cable Trays for Communications Systems
Section	27 10 00	Structured Communications Cabling Systems
Section	27 41 00	General Conditions for Audio-Video Systems
Section	28 05 05	Selective Electronic Safety and Security Demolition
Section	28 10 00	Access Control System
Section	28 46 00	Fire Detection and Alarm System

ELECTRICAL CLARIFICATIONS:

1. Provide work scope for Sections 27 05 00 and 27 05 05 only as applies to corresponding Division 27 Sections assigned to this Bid Category.
2. Refer to Section 27 41 00 for Audio-Video Systems division of labor between Bid Category No. 8 - ELECTRICAL and Bid Category No. 9 - TECHNOLOGY.
3. Provide all communications pathways (sleeves, conduits, raceways, fittings, pull boxes, outlet boxes, cover plates, etc.) per Section 27 05 28 for the Section 27 50 00 series distributed communications systems (Paging, Clock, etc.).
4. Provide all line-voltage (above 100 volts) power branch circuits, connections for Bid Category No. 9 - TECHNOLOGY. Provide selective demolition of the same per Section 27 05 05.
5. Include wireless access point removal and reinstallation as noted on Drawings.
6. Include selective demolition of legacy telephone systems infrastructure and equipment per Section 27 05 05.
7. Exclude selective demolition of Video (CATV) Distribution Systems per Section 27 05 05.
8. For work associated with specification section 26 29 23 Variable-Frequency Motor Controllers, Bid Category No. 7 - 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. 8 - ELECTRICAL shall provide all labor and materials to mount the drives and provide all line (supply) and load (motor circuit) wiring.

9. Electrical Contractor will provide all concrete for equipment and housing pads for the installation of new work.

I. **BID CATEGORY NO. 9 – AUDIO-VIDEO-PAGING-CLOCKS**

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	11 52 13	Projection Screens
Section	27 05 00	Common Work Results for Communications
Section	27 05 05	Selective Communications Demolition
Section	27 41 00	General Conditions for Audio-Video Systems
Section	27 41 10	Training for Audio-Video Systems
Section	27 41 16	Integrated Audio-Video Systems and Equipment
Section	27 51 13	Paging Systems
Section	27 51 23	Network Intercom and Paging System
Section	27 53 13	Distributed Clock Systems
Section	27 53 14	Distributed Wireless Clock Systems

TECHNOLOGY CLARIFICATIONS:

1. Provide work scope for Sections 27 05 00 and 27 05 05 only as applies to corresponding Division 27 Sections assigned to this Bid Category.
2. Refer to Section 27 41 00 for Audio-Video Systems division of labor between Bid Category No. 8 - ELECTRICAL and Bid Category No. 9 - TECHNOLOGY.
3. Provide selective demolition of Video (CATV) Distribution Systems per Section 27 05 05.
4. Exclude selective demolition of legacy telephone systems infrastructure and equipment per Section 27 05 05.
5. Exclude communications pathways (sleeves, conduits, raceways, fittings, pull boxes, outlet boxes, cover plates, etc.) (by Bid Category No. 8 - ELECTRICAL).
6. Exclude line-voltage (above 100 volts) power branch circuits and connections (by Bid Category No. 8 - ELECTRICAL) and selective demolition of the same.

END OF SECTION 01 12 00