SECTION 00 02 00 - NOTICE TO BIDDERS

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received:

- By: New Buffalo Area Schools 1112 East Clay Street New Buffalo, MI 49117
- For: New Buffalo Elementary Kitchen Renovation & Addition 12291 Lubke Road New Buffalo, MI 49117
- At: New Buffalo Area Schools Administrative Offices 1112 E. Clay Street, New Buffalo, MI 49117
- Until: August 24th, 2023, at 2:00PM.
- Bid Opening: Bids will be publicly opened and read aloud on August 24th, 2023, at 2:00PM, in the New Buffalo Area Schools Administrative Offices, 1112 East Clay Street New Buffalo, MI 49117. Also, will be broadcast via Microsoft Teams.

Microsoft Teams meeting Join on your computer, mobile app or room device <u>Click here to join the meeting</u> Meeting ID: 250 143 054 970 Passcode: WqzCxN <u>Download Teams | Join on the web</u> **Or call in (audio only)** +1 317-762-3960,,358272870# United States, Indianapolis Phone Conference ID: 358 272 870# <u>Find a local number | Reset PIN</u> <u>Learn More | Meeting options</u>

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

<u>Prime and Non-Prime Contract Bidders</u> must place an order on <u>www.skillmanplanroom.com</u> 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:

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

WAGE SCALE: If applicable, as required by the Michigan Code, a minimum wage has been determined for this Project and will be on file at the office of the Owner at least fifteen (15) days prior to the date set for receipt of bids. Contractors shall pay wage rates as established by this Wage Scale. Said Wage Scale is a part of this Contract and is incorporated herein as fully as if here set forth.

A Pre-Bid Conference will be held on August 10th, 2023, at 3:00PM, at New Buffalo Elementary School Cafeteria, 12291 Lubke Road, New Buffalo, MI 49117. Attendance by bidders is optional, but recommended, in order to clarify or answer questions concerning the Drawings and Project Manual for the Project. Also, will be broadcast via Microsoft Teams.

Microsoft Teams meeting Join on your computer, mobile app or room device <u>Click here to join the meeting</u> Meeting ID: 235 430 054 647 Passcode: CUrQie <u>Download Teams | Join on the web</u> **Or call in (audio only)** +1 317-762-3960,,434067683# United States, Indianapolis Phone Conference ID: 434 067 683# <u>Find a local number | Reset PIN</u> <u>Learn More | Meeting options</u>

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 **New Buffalo Area Schools.** Contractors are advised that the Contract as finally entered into with any successful Bidder shall be entered into with the *New Buffalo Area 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.

New Buffalo Area Schools

By: Adam Bowen

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. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
 - 1. Owner Occupancy: Allow for Owner occupancy and use by the public.
 - 2. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.
- B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

1.06 OWNERS RIGHT TO MAINTAIN OPERATIONS

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

- E. Contractors must expend their best effort toward protection of the health, safety, and welfare of occupants on the Owner's property during the course of Work on this Project.
- F. 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.
- 6. (List other items as may be applicable).

1.09 PERMITS, FEES, AND NOTICES

- A. The Construction Manager will secure the general building permit for the Owner. Each Contractor shall secure and pay for other permits, governmental fees, and licenses necessary for the proper execution and completion of 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, <u>www.mipsor.state.mi.us</u>.
 - 2. Is listed on the Federal Sex Offender Registry <u>www.nsopw.gov</u>.
 - 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 **thirty** (**30**) 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 **165** calendar days after receipt of bids.
 - 2. Construction shall be complete within **353** consecutive calendar days, or earlier, after Notice to Proceed.

PART 2 PRODUCTS (Not Used)

PART 3 EXECUTION

3.01 <u>SCHEDULE OF CONTRACT RESPONSIBILITIES</u>

3.02 GENERAL REQUIREMENTS

A. PROVIDED BY OWNER THROUGH THE CONSTRUCTION MANAGER

Section	01 32 00	Schedules and Reports
Section	01 45 00S	Masonry Inspection Report
Section	01 45 10	Testing Laboratory Services
Section	01 59 10	Project Office
Section	01 71 50	Final Cleaning
		2

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 Section Section Section Section Section Section Section Section Section Section Section Section Section	$\begin{array}{c} 01 \ 28 \ 00 \\ 01 \ 29 \ 00 \\ 01 \ 31 \ 00 \\ 01 \ 32 \ 00 \\ 01 \ 32 \ 00 \\ 01 \ 33 \ 00 \\ 01 \ 45 \ 10 \\ 01 \ 50 \ 50 \\ 01 \ 54 \ 60 \\ 01 \ 54 \ 80 \\ 01 \ 56 \ 30 \\ 01 \ 56 \ 90 \\ 01 \ 59 \ 20 \\ 01 \ 60 \ 00 \\ 01 \ 72 \ 50 \\ 01 \ 73 \ 10 \end{array}$	Schedule of Values Applications for Payment Project Meetings Schedules and Reports Submittal Procedures Testing Laboratory Services (Paragraph 1.05) Temporary Facilities and Controls Environment Protection Utility Protection Water Control Housekeeping & Safety Offices and Sheds Product Requirements Work Layout
Section	01 73 10	Cutting and Patching
Section	01 77 00	Contract Closeout

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

C. PROVIDED BY DESIGNATED CONTRACTORS

Section	01 21 00	Allowances	
Section	01 51 10	Temporary Electricity, Lighting and Warning	
		Systems	
Section	01 51 30	Temporary Heating, Ventilation and Cooling	
Section	01 51 50	Temporary Water	
Section	01 51 60	Temporary Sanitary Facilities	
Section	01 51 80	Temporary Fire Protection	
Section	01 52 10	Construction Aids and Temporary Enclosures	
Section	01 52 60	Rubbish Container	
Section	01 53 10	Fences (Temporary Security)	
Section	01 53 20	Tree and Plant Protection	
Section	01 53 30	Barricades	
Section	01 55 00	Access Roads and Parking Areas	
Section	01 56 20	Dust Control	
Section	01 56 80	Erosion Control	
Section	01 57 60	Project Signs	
Section	01 72 00	Field Engineering	

3.03 **<u>BID CATEGORIES</u>**

A.	BID CATEG	ORY NO. 1 – 0	General Trades
1 10			ragraph 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 Container
	Section	01 53 10	Fences (Temporary Security)
	Section	01 53 20	Tree and Plant Protection
	Section	01 53 20	Barricades
	Section	01 55 00	Access Roads and Parking Areas
	Section	01 56 20	Dust Control
	Section	01 56 80	Erosion Control
	Section	01 57 60	Project Signs
	Section	01 72 00	Field Engineering
	Section	02 41 19	Selective Demolition
	Section	03 30 00	Cast-In-Place Concrete
	Section	03 30 00	Unit Masonry
	Section	04 20 00 05 12 00	Structural Steel Framing
	Section	05 21 00	Studius Secon Fraining Steel Joist Framing
	Section	05 31 00	•
	Section	05 40 00	Steel Decking Cold-Formed Metal Framing
	Section	03 40 00 05 50 00	Metal Fabrications
	Section		
		06 10 00	Rough Carpentry
	Section Section	06 16 00 07 21 00	Sheathing Thermal Insulation
	Section	07 21 00 07 21 19	Foamed-In-Place Insulation
	Section	07 42 13.23	Metal Composite Material Wall Panels
	Section	07 54 19	Polyvinyl-Chloride (Pvc) Roofing Sf0
	Section	07 62 00	Sheet Metal Flashing And Trim
	Section	07 71 00	Roof Specialties
	Section	07 72 00	Roof Accessories
	Section	07 84 13	Penetration Firestopping
	Section	07 92 00	Joint Sealants
	Section	07 95 13.13	Interior Expansion Joint Cover Assemblies Sf0
	Section	08 06 71	Door Hardware Schedule
	Section	08 11 13	Hollow Metal Doors And Frames
	Section	08 14 16	Flush Wood Doors Access Doors And Frames
	Section Section	08 31 13 08 33 13	Coiling Counter Doors
	Section	08 33 13	Overhead Coiling Doors Sf0
	Section	08 41 13	Aluminum-Framed Entrances And Storefronts
	Section	08 51 13	Aluminum Windows
	Section	08 71 00	Door Hardware
	Section	08 80 00	Glazing
	Section	09 22 16	Non-Structural Metal Framing
	Section	09 29 00	Gypsum Board

Section Section	$\begin{array}{c} 09 \ 30 \ 00 \\ 09 \ 51 \ 13 \\ 09 \ 65 \ 00 \\ 09 \ 65 \ 13 \\ 09 \ 65 \ 13 \\ 09 \ 68 \ 13 \\ 09 \ 83 \ 16 \\ 09 \ 91 \ 23 \\ 10 \ 28 \ 00 \\ 10 \ 44 \ 16 \\ 10 \ 51 \ 13 \\ 12 \ 24 \ 13 \\ 12 \ 32 \ 16 \\ 31 \ 10 \ 00 \\ 31 \ 20 \ 00 \\ 31 \ 31 \ 16 \\ 32 \ 13 \ 13 \\ 32 \ 13 \ 73 \\ 32 \ 39 \ 00 \\ 32 \ 92 \ 00 \end{array}$	Tiling Sf3 Acoustical Panel Ceilings Resilient Flooring Resilient Base And Accessories Tile Carpeting Acoustic Ceiling Coating Interior Painting Sf2 Toilet, Bath, And Laundry Accessories Fire Extinguishers Sf0 Metal Lockers Roller Window Shades Manufactured Plastic-Laminate-Clad Casework Site Cleaning Earth Moving Termite Control Concrete Paving (Sf0) Concrete Paving Joint Sealants Miscellaneous Site Specialties Turf And Grasses (Sf0)
		1

B. <u>BID CATEGORY NO. 2 - Mechanical</u>

DID CITLO			
General Requirements in Paragraph 3.02.B above.			
Section	01 21 00	Allowances	
Section	01 51 30	Temporary Heating, Ventilation and Cooling	
Section	01 51 50	Temporary Water	
Section	02 41 19	Selective Demolition	
Section	22 05 00	Common Work Results For Plumbing	
Section	22 05 13	Common Motor Requirements For Plumbing	
		Equipment	
Section	22 05 19	Meters And Gages For Plumbing Piping	
Section	22 05 23	General Duty Valves For Plumbing Piping (2.5 And	
		Larger)	
Section	22 05 29	Hangers And Supports For Plumbing Piping And	
		Equipment	
Section	22 05 53	Identification For Plumbing Piping And Equipment	
Section	22 07 00	Plumbing Insulation	
Section	22 08 00	Commissioning Of Plumbing	
Section	22 11 13	Facility Water Distribution Piping	
Section	22 11 16	Domestic Water Piping	
Section	22 11 19	Domestic Water Piping Specialties	
Section	22 11 23	Domestic Water Pumps	
Section	22 13 13	Facility Sanitary Sewers	
Section	22 13 16	Sanitary Waste And Vent Piping	

Section	22 13 19	Sanitary Waste Piping Specialties
Section	22 14 13	Facility Storm Drainage Piping
Section	22 14 23	Storm Drainage Piping Specialties
Section	22 33 00	Electric Domestic Water Heaters
Section	22 34 00	Fuel Fired Domestic Water Heaters
Section	22 40 00	Plumbing Fixtures
Section	23 05 00	Common Work Results For HVAC
Section	23 05 13	Common Motor Requirements For Hvac Equipment
Section	23 05 19	Meters And Gages For Hvac Piping
Section	23 05 23	General Duty Valves For HVAC Piping
Section	23 05 29	Hangers And Supports For HVAC Piping And
		Equipment
Section	23 05 53	Identification For HVAC Piping And Equipment
Section	23 05 93	Testing, Adjusting, And Balancing For HVAC
Section	23 07 00	Hvac Insulation
Section	23 08 00	Commissioning Of HVAC
Section	23 11 23	Facility Natural Gas Piping
Section	23 23 00	Refrigerant Piping
Section	23 31 13	Metal Ducts
Section	23 33 00	Air Duct Accessories
Section	23 34 23	Hvac Power Ventilators
Section	23 36 00	Air Terminal Units
Section	23 37 13	Diffusers, Registers, And Grilles
Section	23 37 23	Hvac Gravity Ventilators
Section	23 74 13	Packaged, Outdoor, Central-Station Air-Handling
		Units
Section	23 81 26	Split System Air Conditioners

C. <u>BID CATEGORY NO. 3 – Electrical</u>

General Re	quirements in P	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	26 05 00	Common Work Results For Electrical
Section	26 05 19	Low-Voltage Electrical Power Conductors And
		Cables
Section	26 05 26	Grounding And Bonding For Electrical Systems
Section	26 05 29	Hangers And Supports For Electrical Systems
Section	26 05 33	Raceways And Boxes For Electrical Systems
Section	26 05 53	Identification For Electrical Systems
Section	26 24 16	Panelboards
Section	26 27 26	Wiring Devices
Section	26 28 16	Enclosed Switches And Circuit Breakers
Section	26 51 00	Interior Lighting

27 05 00	Common Work Results For Communications
27 05 26	Grounding And Bonding For Communications
	Systems
27 05 28	Pathways For Communications Systems
27 05 53	Identification For Communications Systems
27 15 13	Communications Copper Horizontal Cabling
27 17 00	Testing, Id And Admin Of Balanced Twisted Pair
	Infrastructure
27 41 16	Integrated Audio Video Systems And Equipment
27 51 16	Public Address Systems
28 15 00	Integrated Access Control Hardware Devices
28 15 23	Intercom Entry System
28 23 00	Video Surveillance
28 31 00	Fire Detection And Alarm
	27 05 26 27 05 28 27 05 53 27 15 13 27 17 00 27 41 16 27 51 16 28 15 00 28 15 23 28 23 00

D. <u>BID CATEGORY NO. 4 – Food Service Equipment</u> General Requirements in Paragraph 3.02.B above. Section 11 31 00 Residential Appliances Section 11 40 00 Food Service Equipment

END OF SECTION 01 12 00